

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061019\
 Data File : BF114931.D
 Acq On : 10 Jun 2019 13:12
 Operator : HP/JU
 Sample : SSTDICC100
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 10 13:57:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 12:30:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	290423	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1175106	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	578930	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1127136	20.00	ng	0.00
76) Chrysene-d12	13.79	240	523590	20.00	ng	0.00
87) Perylene-d12	15.16	264	640291	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.27	112	2729344	164.21	ng	0.00
7) Phenol-d6	6.32	99	3225765	159.50	ng	0.01
23) Nitrobenzene-d5	7.24	82	3188950	167.05	ng	0.01
42) 2,4,6-Tribromophenol	10.49	330	987686	158.31	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	4670131	151.11	ng	0.00
79) Terphenyl-d14	12.75	244	4676894	173.71	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.28	88	725342	91.405	ng	99
3) Pyridine	2.96	79	2060051	94.460	ng	100
4) n-Nitrosodimethylamine	2.93	42	738951	92.581	ng	99
6) Aniline	6.34	93	2168046	75.550	ng	# 72
8) 2-Chlorophenol	6.46	128	1565345	81.513	ng	96
9) Benzaldehyde	6.20	77	744432	53.066	ng	98
10) Phenol	6.33	94	1847090	79.865	ng	99
11) bis(2-Chloroethyl)ether	6.41	93	1516745	84.032	ng	98
12) 1,3-Dichlorobenzene	6.60	146	1816102	81.159	ng	97
13) 1,4-Dichlorobenzene	6.68	146	1817763	80.731	ng	97
14) 1,2-Dichlorobenzene	6.84	146	1556791	76.557	ng	99
15) Benzyl Alcohol	6.82	79	1122322	73.384	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.95	45	2004190	77.638	ng	95
17) 2-Methylphenol	6.94	107	1375004	83.766	ng	# 94
18) Hexachloroethane	7.18	117	689128	81.313	ng	95
19) n-Nitroso-di-n-propylamine	7.10	70	1074092	80.231	ng	99
20) 3+4-Methylphenols	7.10	107	1353277	74.746	ng	93
22) Acetophenone	7.09	105	2136320	82.574	ng	# 98
24) Nitrobenzene	7.26	77	1640875	82.973	ng	97
25) Isophorone	7.50	82	3237428	85.786	ng	99
26) 2-Nitrophenol	7.57	139	949138	88.614	ng	99
27) 2,4-Dimethylphenol	7.62	122	1351419	83.013	ng	99
28) bis(2-Chloroethoxy)methane	7.71	93	1951854	80.910	ng	99
29) 2,4-Dichlorophenol	7.82	162	1379281	80.530	ng	98
30) 1,2,4-Trichlorobenzene	7.89	180	1565787	79.675	ng	98
31) Naphthalene	7.97	128	4041739	76.398	ng	96
32) Benzoic acid	7.79	122	1219574	102.857	ng	98
33) 4-Chloroaniline	8.02	127	2044930	81.026	ng	97
34) Hexachlorobutadiene	8.09	225	866707	77.572	ng	99
35) Caprolactam	8.43	113	409478	73.186	ng	94
36) 4-Chloro-3-methylphenol	8.52	107	1425575	83.646	ng	99
37) 2-Methylnaphthalene	8.66	142	2835613	77.276	ng	98
38) 1-Methylnaphthalene	8.76	142	2660249	76.446	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	1279681	76.702	ng	100

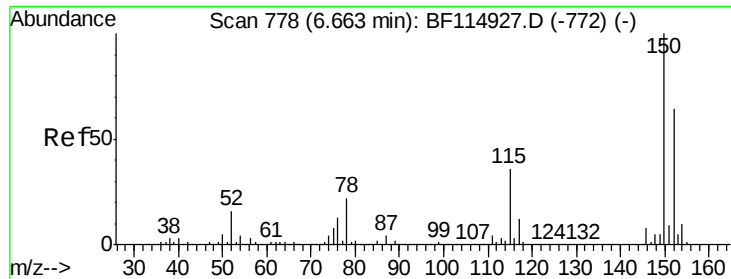
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061019\
 Data File : BF114931.D
 Acq On : 10 Jun 2019 13:12
 Operator : HP/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	845759	83.584	nq	99
43) 2,4,6-Trichlorophenol	8.94	196	1047549	80.747	nq	99
44) 2,4,5-Trichlorophenol	8.99	196	1071739	82.030	nq	97
46) 1,1'-Biphenyl	9.13	154	3150164	73.418	nq	97
47) 2-Chloronaphthalene	9.15	162	2841923	77.948	nq	97
48) 2-Nitroaniline	9.25	65	927963	85.288	nq	96
49) Acenaphthylene	9.56	152	3988970	75.445	nq	97
50) Dimethylphthalate	9.44	163	3503103	82.849	nq	99
51) 2,6-Dinitrotoluene	9.49	165	825877	83.053	nq	97
52) Acenaphthene	9.73	154	2487420	71.818	nq	99
53) 3-Nitroaniline	9.66	138	1032645	88.895	nq	99
54) 2,4-Dinitrophenol	9.76	184	488924	108.656	nq	93
55) Dibenzofuran	9.90	168	3279272	68.089	nq	95
56) 4-Nitrophenol	9.83	139	738478	86.756	nq	94
57) 2,4-Dinitrotoluene	9.89	165	994294	79.539	nq	92
58) Fluorene	10.25	166	2409727	69.758	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.02	232	859913	80.335	nq	99
60) Diethylphthalate	10.13	149	3295960	77.682	nq	99
61) 4-Chlorophenyl-phenylether	10.23	204	1186654	64.331	nq	94
62) 4-Nitroaniline	10.28	138	1045882	92.826	nq	99
63) Azobenzene	10.40	77	2828717	78.323	nq	97
65) 4,6-Dinitro-2-methylphenol	10.30	198	594678	101.568	nq	97
66) n-Nitrosodiphenylamine	10.36	169	2585921	75.873	nq	98
67) 4-Bromophenyl-phenylether	10.72	248	972186	75.943	nq	99
68) Hexachlorobenzene	10.79	284	1064747	75.998	nq	97
69) Atrazine	10.89	200	868438	73.265	nq	97
70) Pentachlorophenol	10.98	266	658429	81.295	nq	99
71) Phenanthrene	11.20	178	4005756	74.445	nq	98
72) Anthracene	11.25	178	4053857	71.588	nq	97
73) Carbazole	11.40	167	3766813	77.596	nq	97
74) Di-n-butylphthalate	11.74	149	4493973	70.385	nq	# 96
75) Fluoranthene	12.37	202	4174276	74.535	nq	98
77) Benzidine	12.49	184	1654971	63.848	nq	# 92
78) Pyrene	12.60	202	4148244	91.327	nq	97
80) Butylbenzylphthalate	13.23	149	2120124	92.432	nq	98
81) Benzo(a)anthracene	13.78	228	3311983	82.086	nq	98
82) 3,3'-Dichlorobenzidine	13.75	252	1283819	78.470	nq	99
83) Chrysene	13.82	228	3465761	88.299	nq	98
84) Bis(2-ethylhexyl)phthalate	13.79	149	2244990	77.403	nq	# 98
85) Di-n-octyl phthalate	14.40	149	4022636	81.624	nq	99
86) Indeno(1,2,3-cd)pyrene	16.49	276	3476819	77.635	nq	99
88) Benzo(b)fluoranthene	14.79	252	3688695	90.494	nq	100
89) Benzo(k)fluoranthene	14.82	252	2668136	77.079	nq	97
90) Benzo(a)pyrene	15.12	252	3001118	85.063	nq	98
91) Dibenzo(a,h)anthracene	16.50	278	2709073	81.082	nq	100
92) Benzo(g,h,i)perylene	16.88	276	2936778	87.406	nq	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

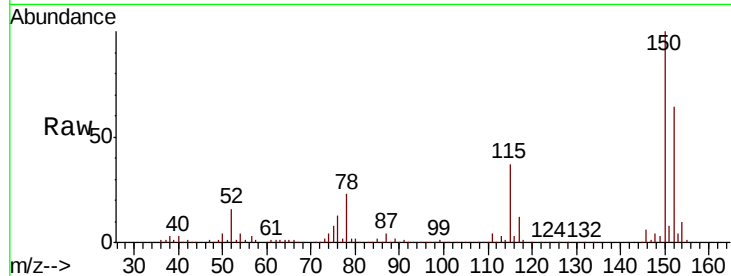


#1

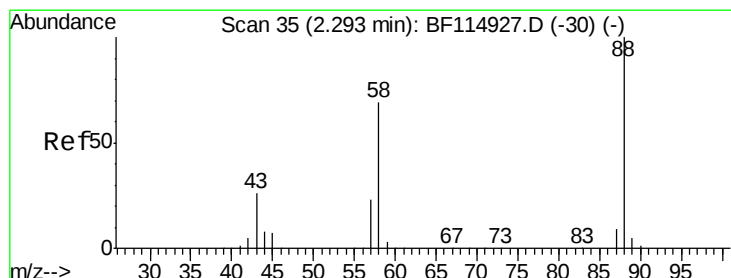
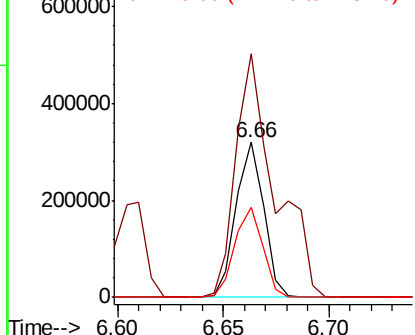
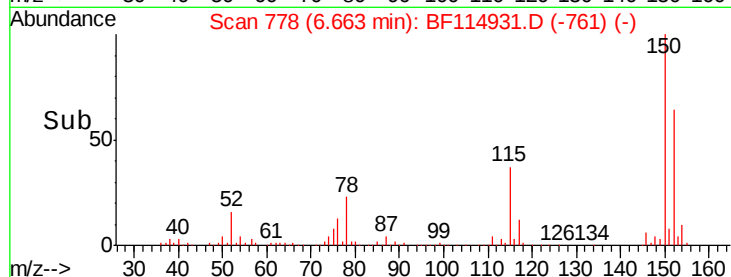
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 290423
Ion Ratio Lower Upper
152 100
150 157.0 125.2 187.8
115 57.7 45.0 67.4



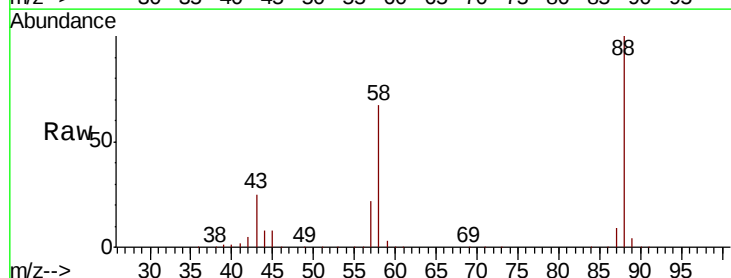
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



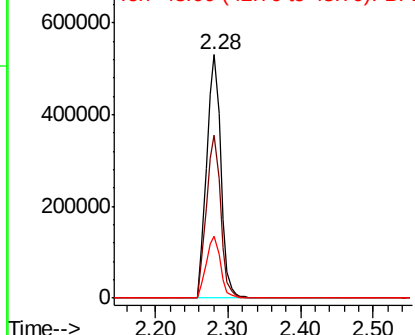
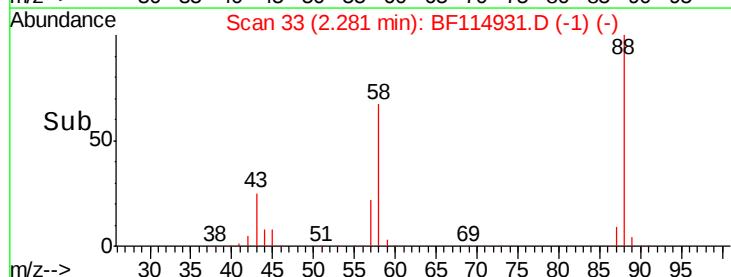
#2

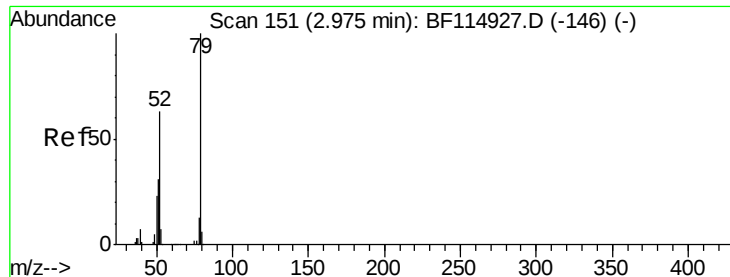
1,4-Dioxane
Concen: 91.405 ng
RT: 2.28 min Scan# 33
Delta R.T. -0.01 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Tgt Ion: 88 Resp: 725342
Ion Ratio Lower Upper
88 100
58 66.9 54.2 81.2
43 25.3 20.6 30.8



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 94.460 ng

RT: 2.96 min Scan# 149

Delta R.T. -0.01 min

Lab File: BF114931.D

Acq: 10 Jun 2019 13:12

Instrument :

BNA_F

ClientSampleId :

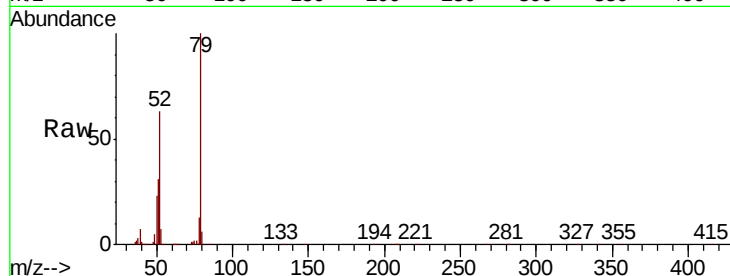
Tot Ion: 79 Resp: 2060051

Ion Ratio Lower Upper

79 100

52 62.7 50.2 75.2

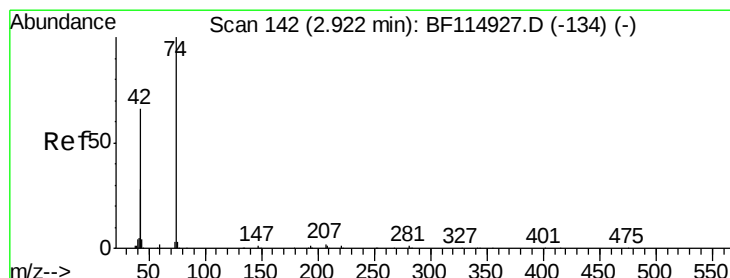
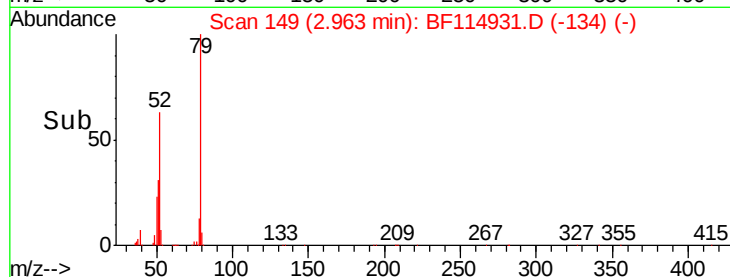
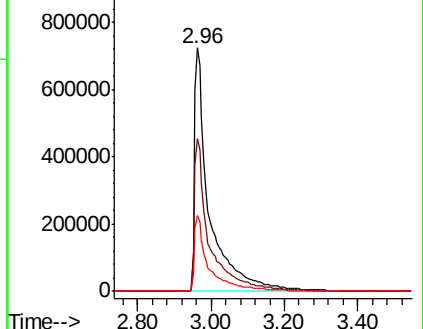
51 31.1 24.6 37.0



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 92.581 ng

RT: 2.93 min Scan# 143

Delta R.T. 0.01 min

Lab File: BF114931.D

Acq: 10 Jun 2019 13:12

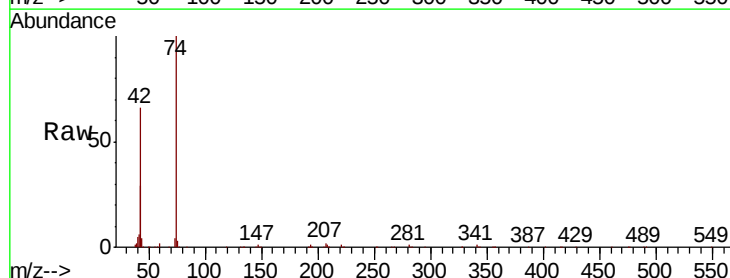
Tgt Ion: 42 Resp: 738951

Ion Ratio Lower Upper

42 100

74 151.3 121.9 182.9

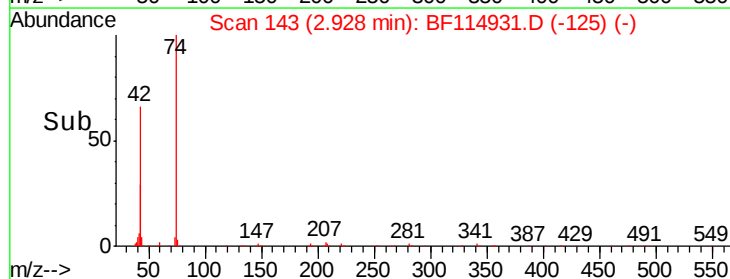
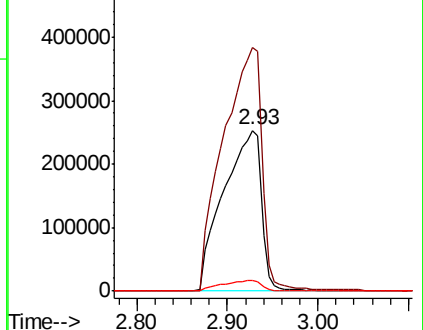
44 6.3 5.1 7.7

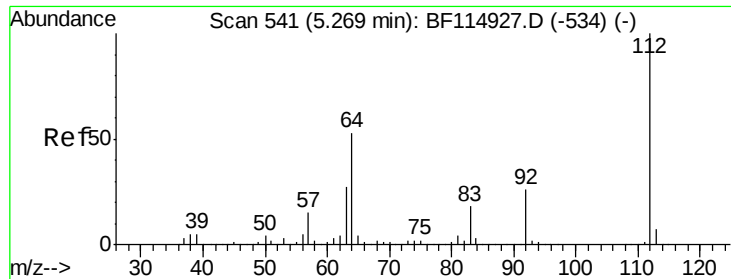


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 164.213 ng

RT: 5.27 min Scan# 542

Delta R.T. 0.01 min

Lab File: BF114931.D

Acq: 10 Jun 2019 13:12

Instrument :

BNA_F

ClientSampleId :

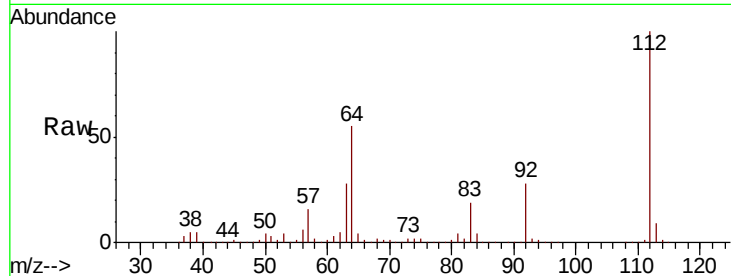
Tot Ion:112 Resp: 2729344

Ion Ratio Lower Upper

112 100

64 54.7 42.1 63.1

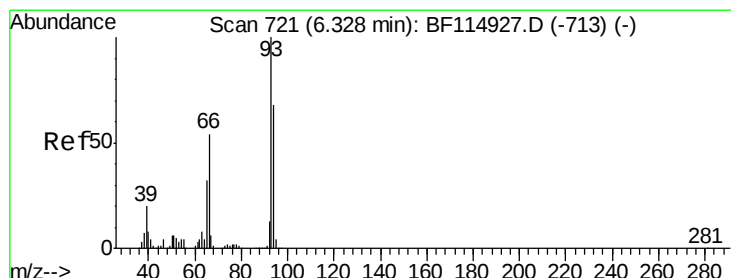
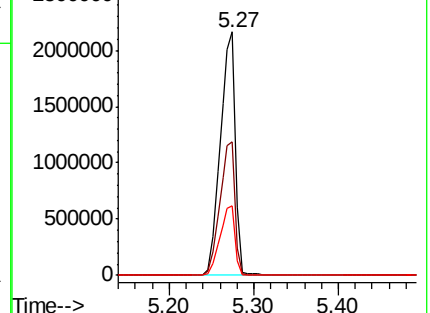
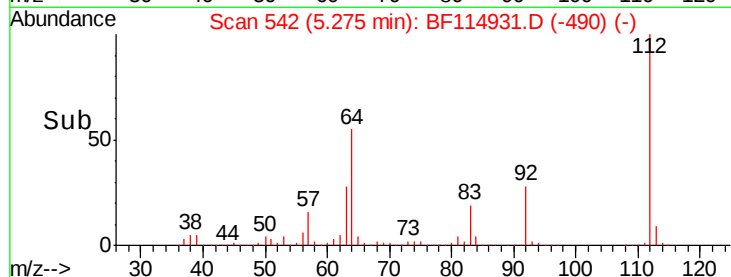
63 28.4 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 75.550 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.01 min

Lab File: BF114931.D

Acq: 10 Jun 2019 13:12

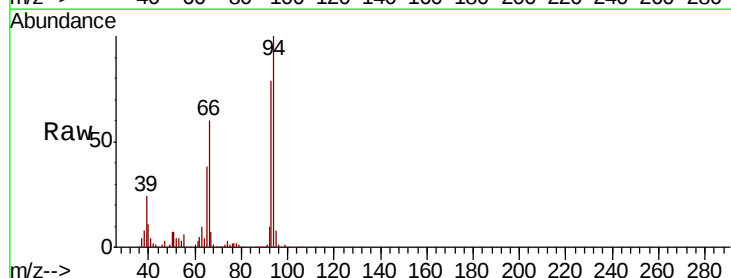
Tgt Ion: 93 Resp: 2168046

Ion Ratio Lower Upper

93 100

66 75.3 43.6 65.4#

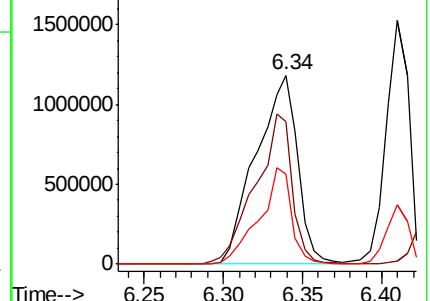
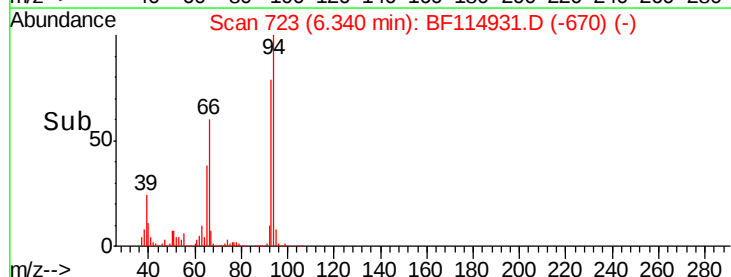
65 47.4 25.7 38.5#

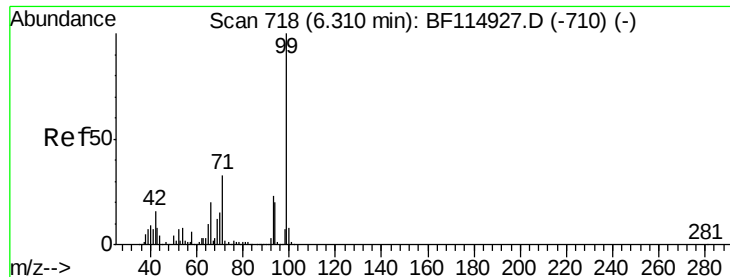


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 159.501 ng

RT: 6.32 min Scan# 720

Delta R.T. 0.01 min

Lab File: BF114931.D

Acq: 10 Jun 2019 13:12

Instrument :

BNA_F

ClientSampleId :

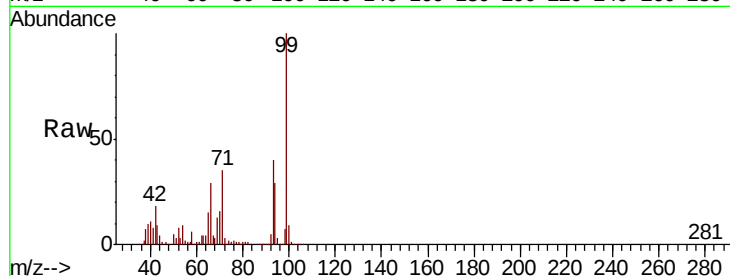
Tot Ion: 99 Resp: 3225765

Ion Ratio Lower Upper

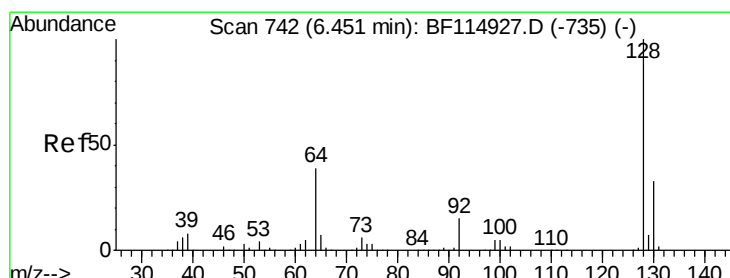
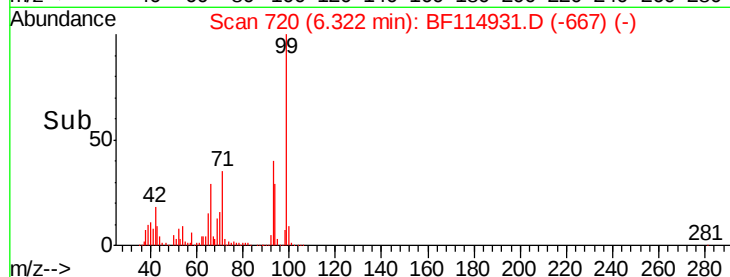
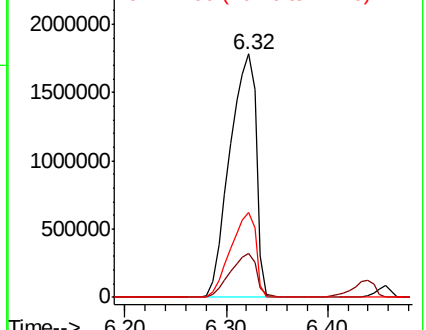
99 100

42 17.8 13.1 19.7

71 35.1 26.8 40.2



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 81.513 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF114931.D

Acq: 10 Jun 2019 13:12

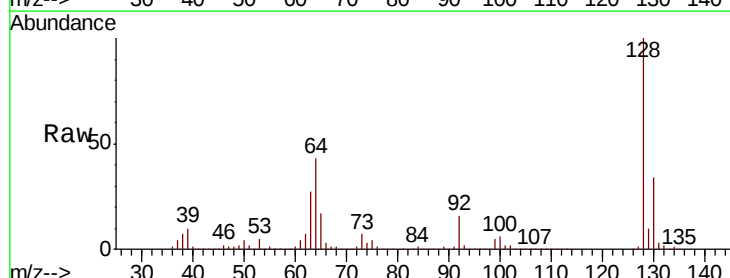
Tgt Ion:128 Resp: 1565345

Ion Ratio Lower Upper

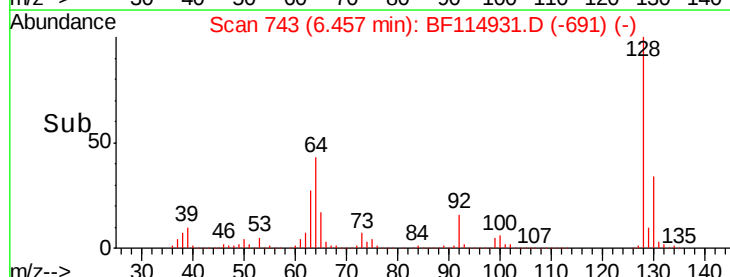
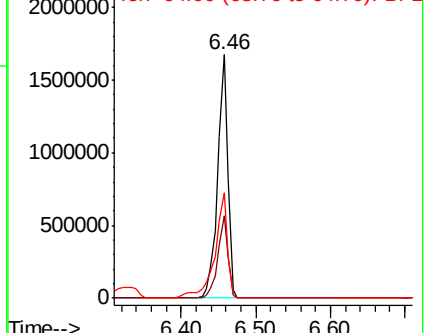
128 100

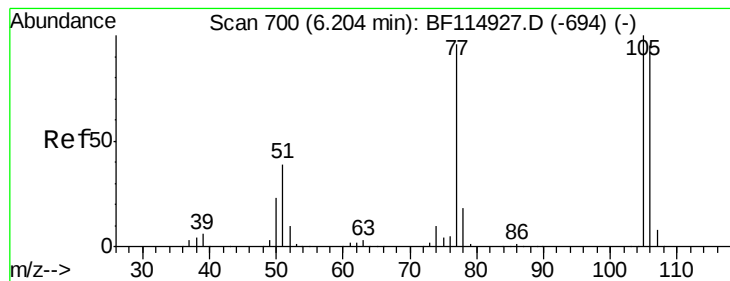
130 33.9 13.3 53.3

64 43.2 19.5 59.5



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 53.066 ng

RT: 6.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BF114931.D

Acq: 10 Jun 2019 13:12

Instrument :

BNA_F

ClientSampleId :

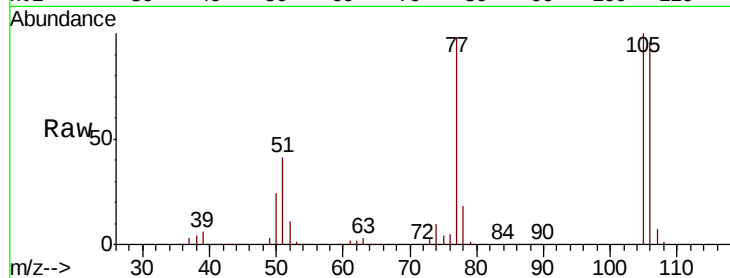
Tot Ion: 77 Resp: 744432

Ion Ratio Lower Upper

77 100

105 101.7 84.5 124.5

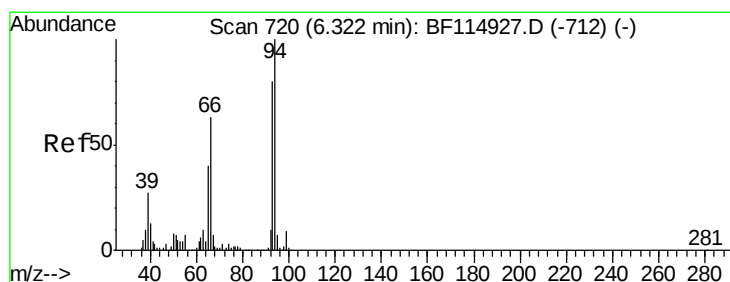
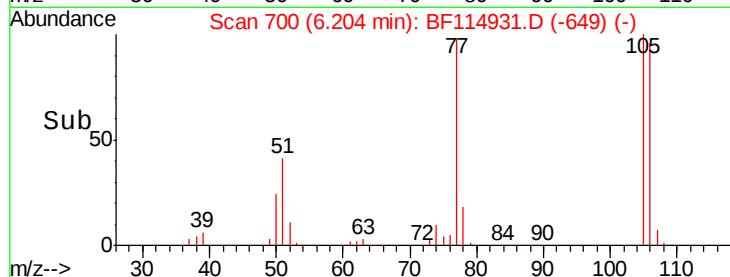
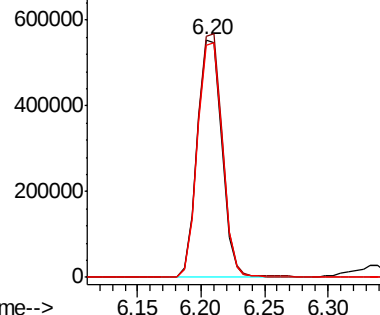
106 97.7 79.2 119.2



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 79.865 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114931.D

Acq: 10 Jun 2019 13:12

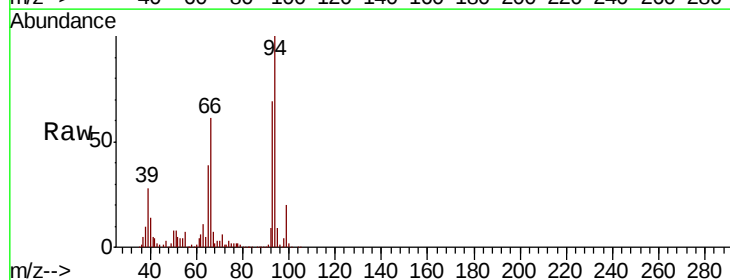
Tgt Ion: 94 Resp: 1847090

Ion Ratio Lower Upper

94 100

65 39.0 19.6 59.6

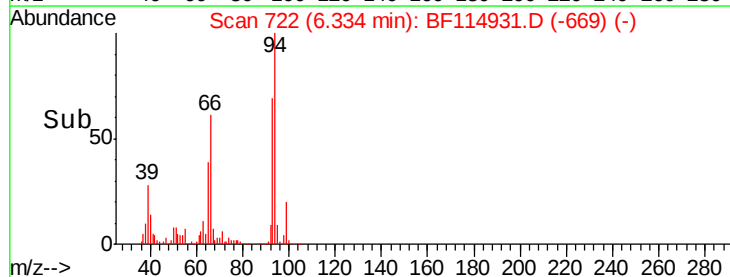
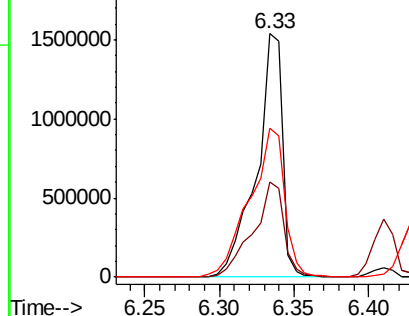
66 61.4 42.6 82.6

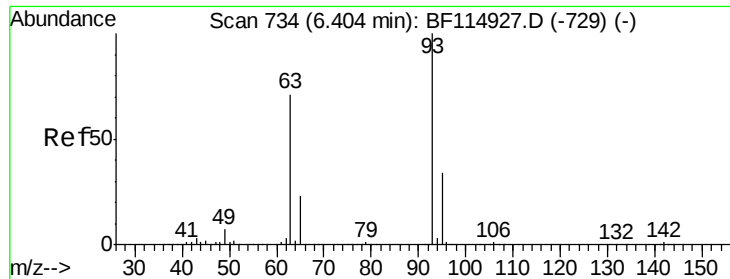


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

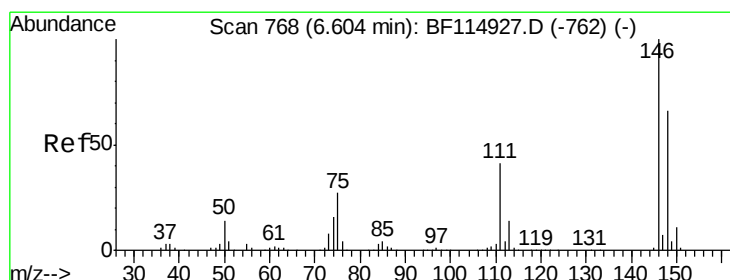
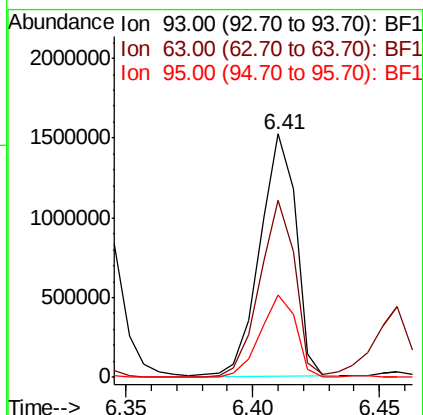
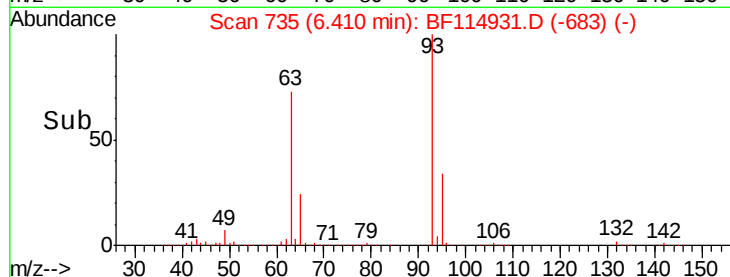
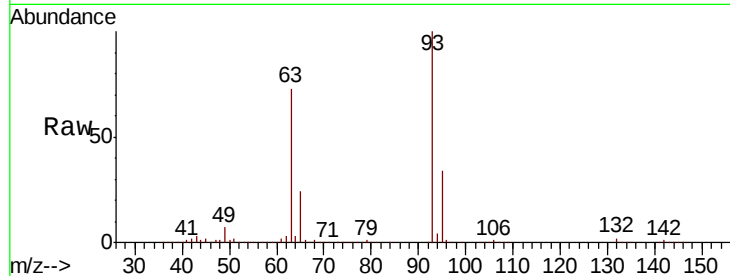




#11
bis(2-Chloroethyl)ether
Concen: 84.032 ng
RT: 6.41 min Scan# 735
Delta R.T. 0.01 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

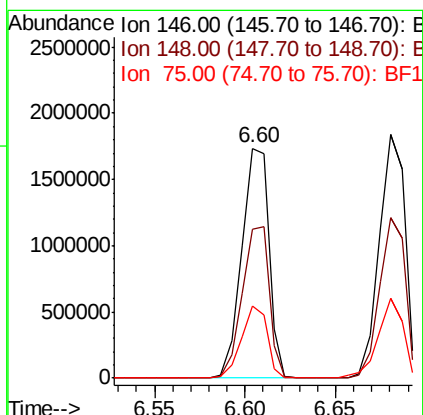
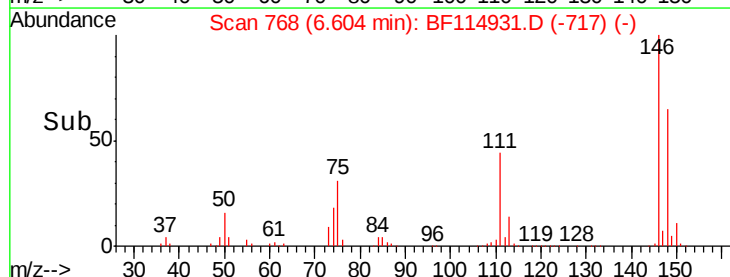
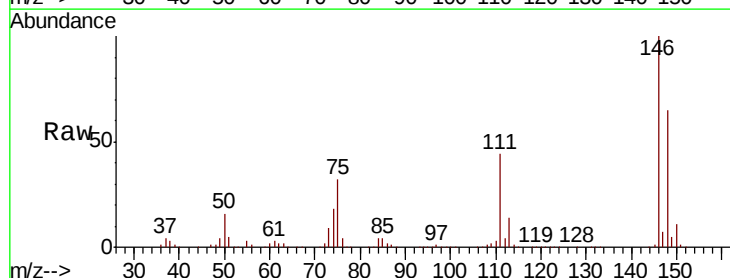
Instrument :
BNA_F
ClientSampleId :

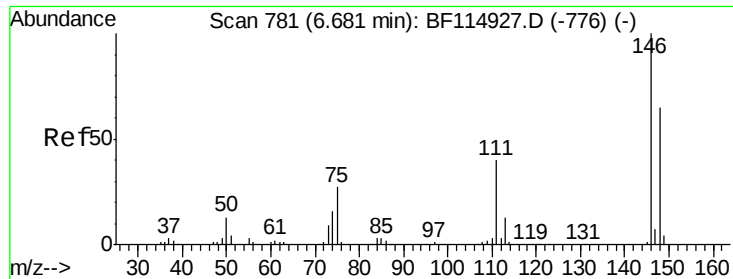
Tot Ion: 93 Resp: 1516745
Ion Ratio Lower Upper
93 100
63 73.0 50.5 90.5
95 33.7 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 81.159 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Tgt Ion: 146 Resp: 1816102
Ion Ratio Lower Upper
146 100
148 65.0 52.6 78.8
75 31.6 21.9 32.9

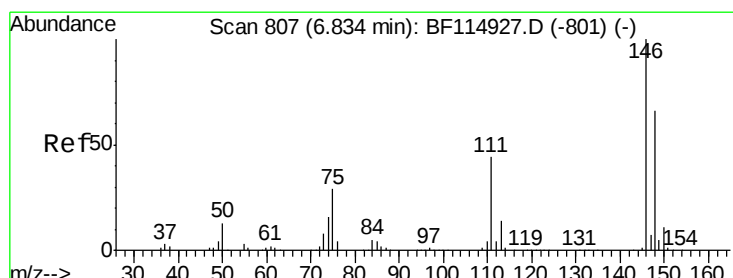
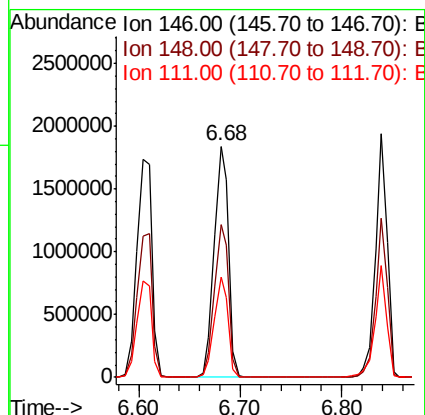
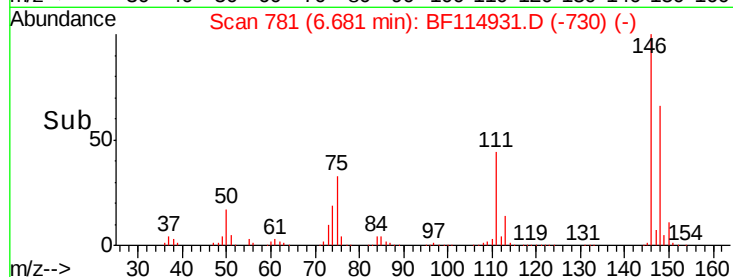
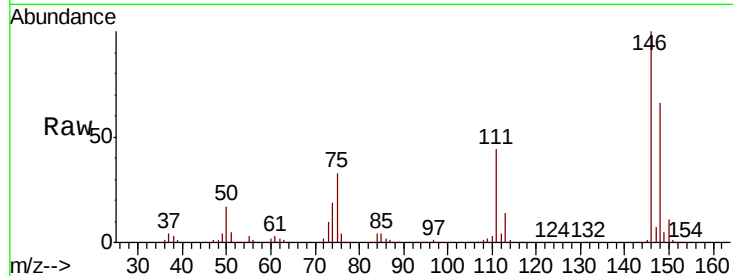




#13
 1,4-Dichlorobenzene
 Concen: 80.731 ng
 RT: 6.68 min Scan# 781
 Delta R.T. -0.00 min
 Lab File: BF114931.D
 Acq: 10 Jun 2019 13:12

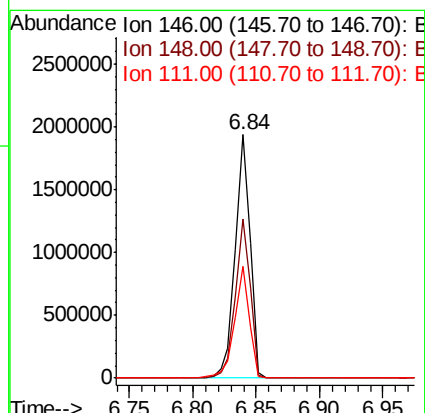
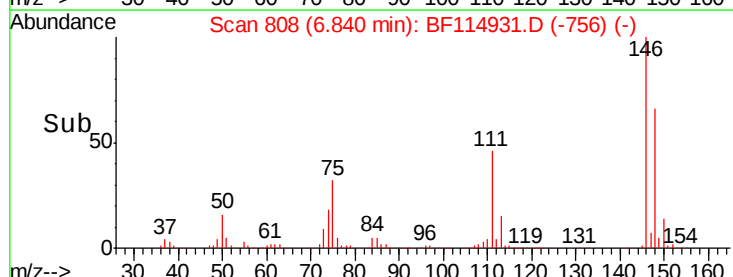
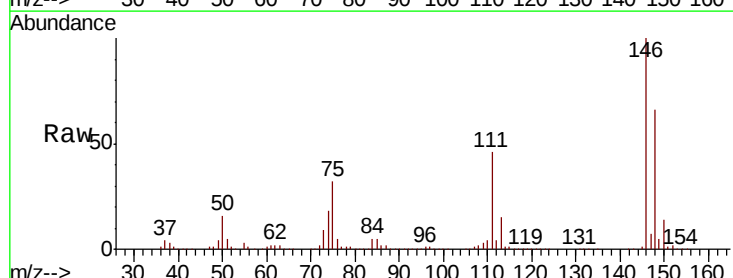
Instrument :
 BNA_F
 ClientSampleId :

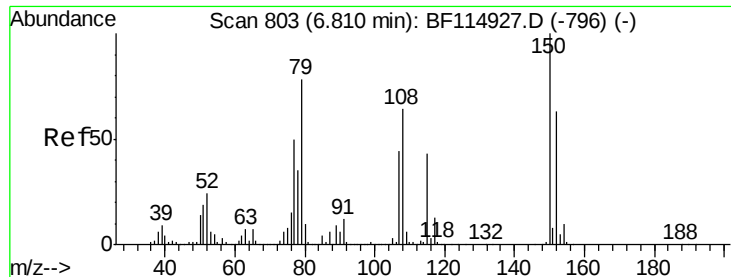
Tot Ion:146 Resp: 1817763
 Ion Ratio Lower Upper
 146 100
 148 66.1 52.3 78.5
 111 43.6 31.8 47.8



#14
 1,2-Dichlorobenzene
 Concen: 76.557 ng
 RT: 6.84 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: BF114931.D
 Acq: 10 Jun 2019 13:12

Tgt Ion:146 Resp: 1556791
 Ion Ratio Lower Upper
 146 100
 148 65.5 52.7 79.1
 111 46.1 35.4 53.2





#15

Benzyl Alcohol

Concen: 73.384 ng

RT: 6.82 min Scan# 805

Delta R.T. 0.01 min

Lab File: BF114931.D

Acq: 10 Jun 2019 13:12

Instrument :
BNA_F
ClientSampled :

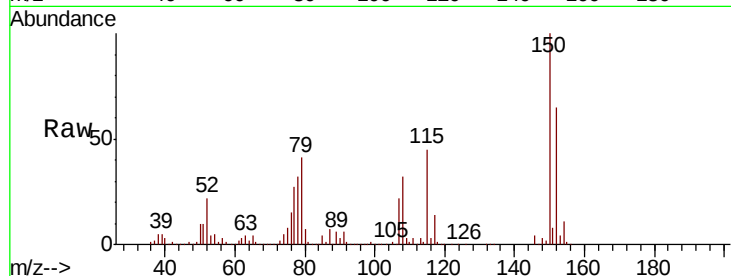
Tot Ion: 79 Resp: 1122322

Ion Ratio Lower Upper

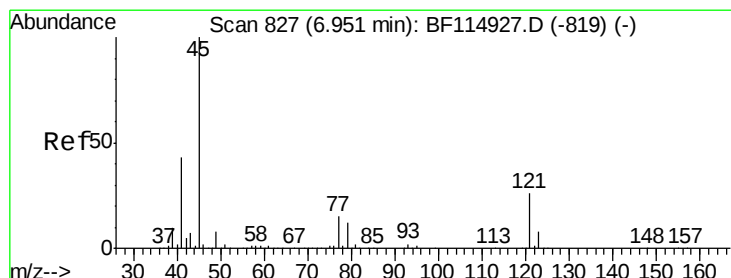
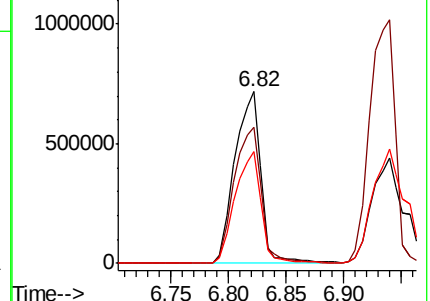
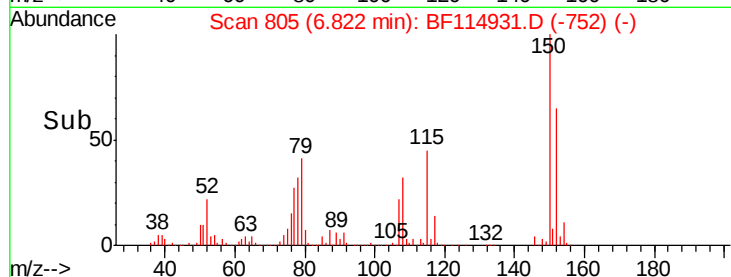
79 100

108 79.1 65.5 98.3

77 65.1 51.3 76.9



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 77.638 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.00 min

Lab File: BF114931.D

Acq: 10 Jun 2019 13:12

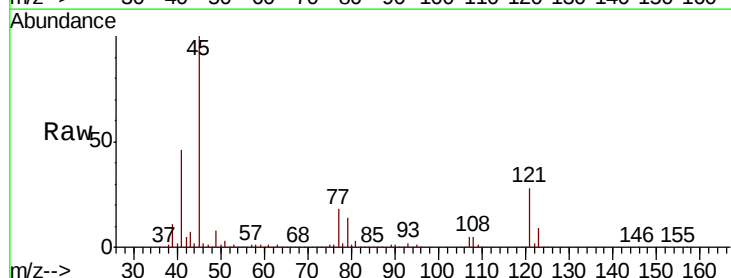
Tgt Ion: 45 Resp: 2004190

Ion Ratio Lower Upper

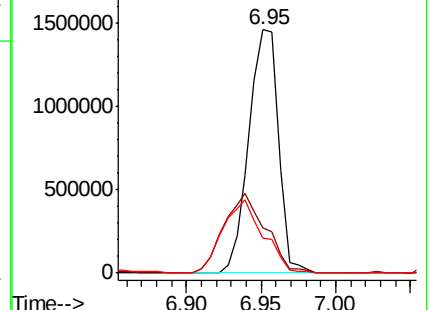
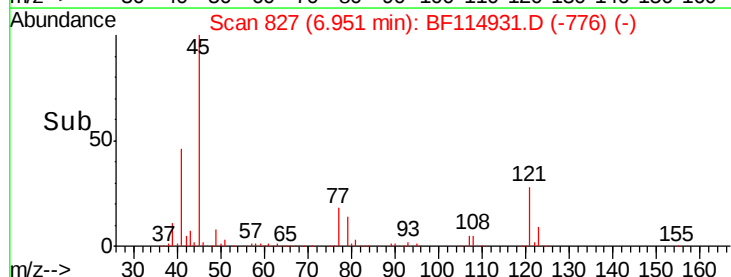
45 100

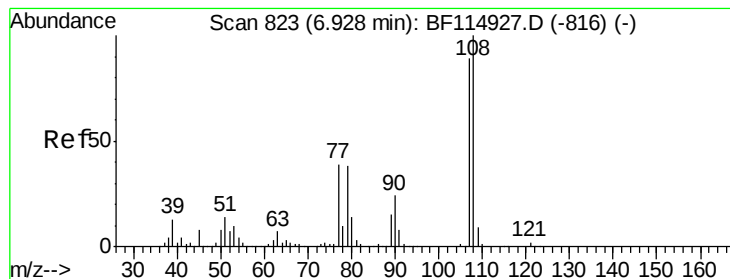
77 18.5 0.0 36.2

79 14.3 0.0 32.7



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

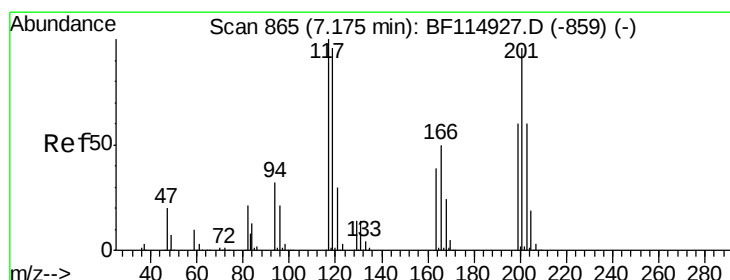
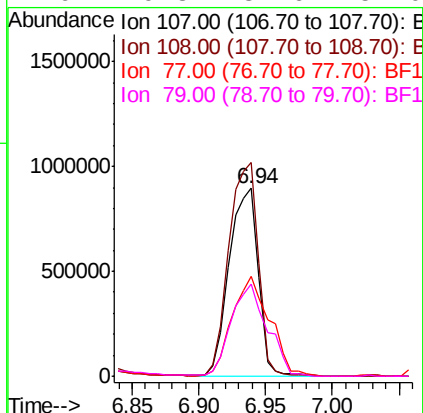
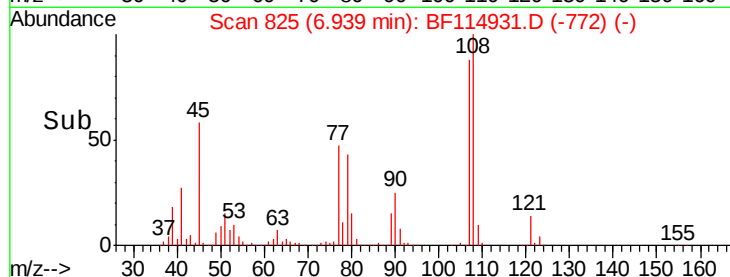
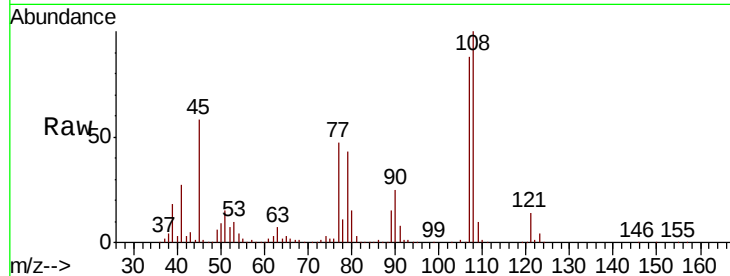




#17
2-Methylphenol
Concen: 83.766 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.01 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

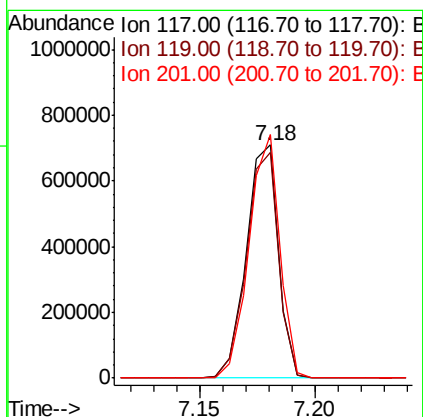
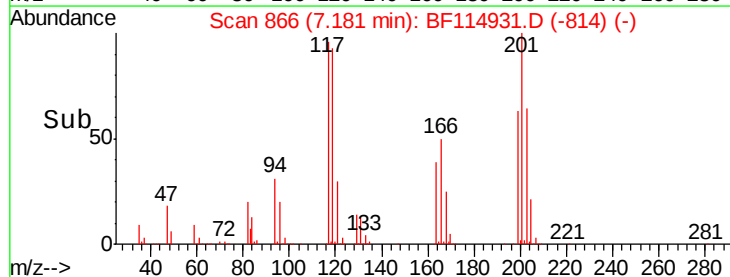
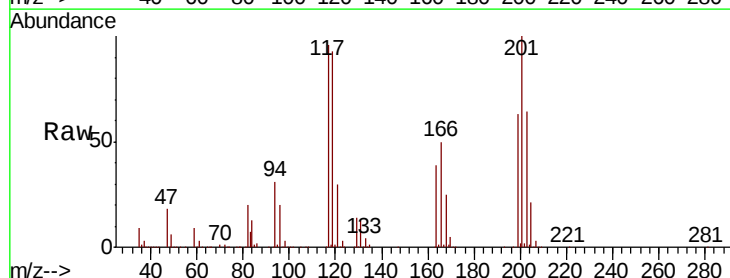
Instrument :
BNA_F
ClientSampleId :

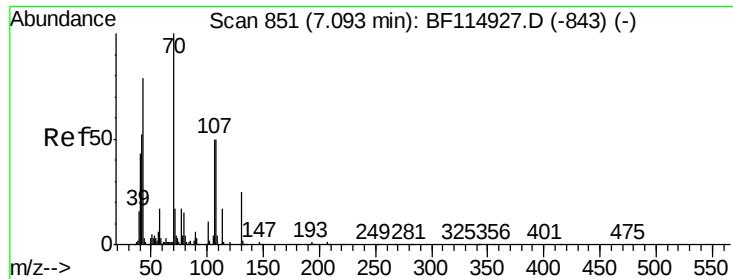
Tot Ion:107 Resp: 1375004
Ion Ratio Lower Upper
107 100
108 113.6 90.2 135.2
77 53.0 35.4 53.0#
79 49.3 34.6 52.0



#18
Hexachloroethane
Concen: 81.313 ng
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Tgt Ion:117 Resp: 689128
Ion Ratio Lower Upper
117 100
119 96.6 76.6 114.8
201 104.4 77.0 115.6

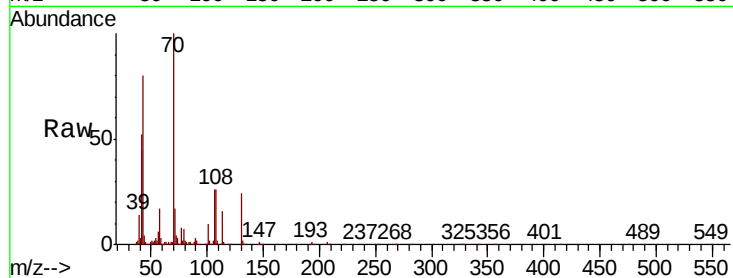




#19
n-Nitroso-di-n-propylamine
Concen: 80.231 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.01 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	1074092
Ion	Ratio	Lower	Upper
70	100		
42	52.3	41.7	62.5
101	10.3	8.4	12.6
130	24.2	19.9	29.9



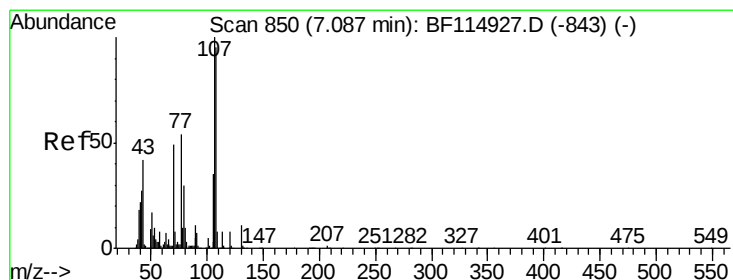
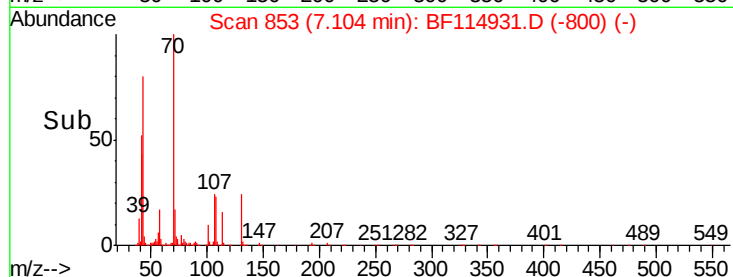
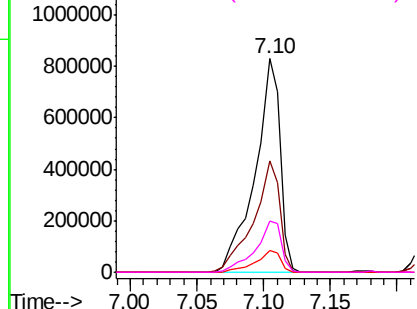
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

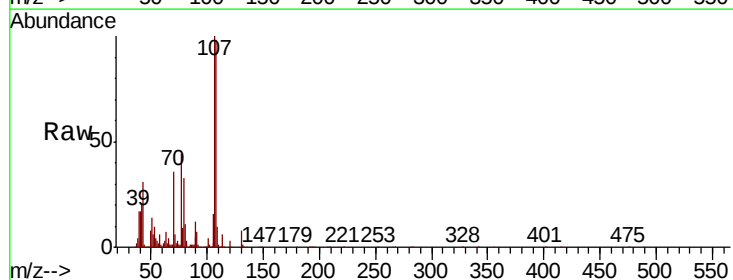
Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 74.746 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.01 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Tgt Ion:	107	Resp:	1353277
Ion	Ratio	Lower	Upper
107	100		
108	97.8	74.7	114.7
77	43.9	33.7	73.7
79	32.6	10.2	50.2



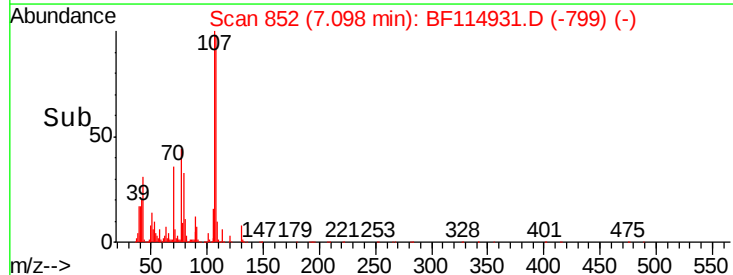
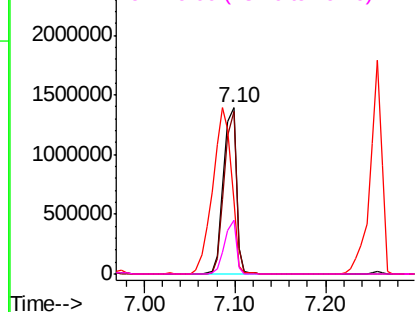
Abundance

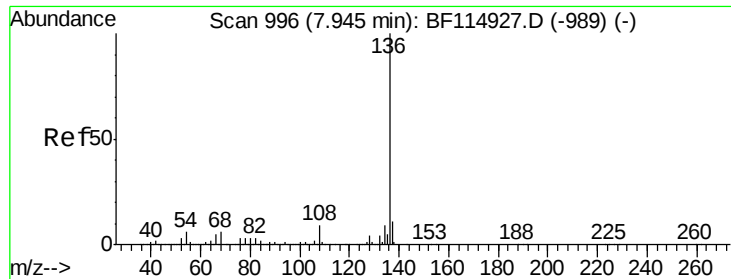
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

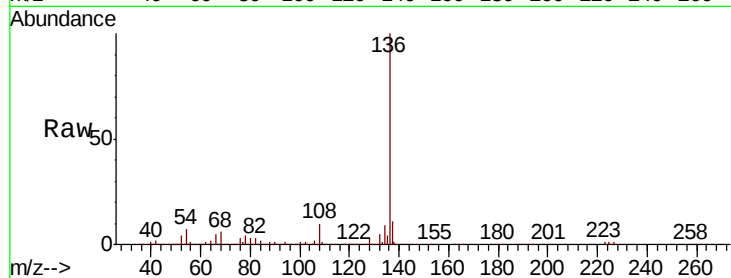




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.00 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 1175106
Ion Ratio	Lower Upper
136 100	
137 11.3	9.0 13.6
54 6.8	5.2 7.8
68 6.0	4.6 7.0



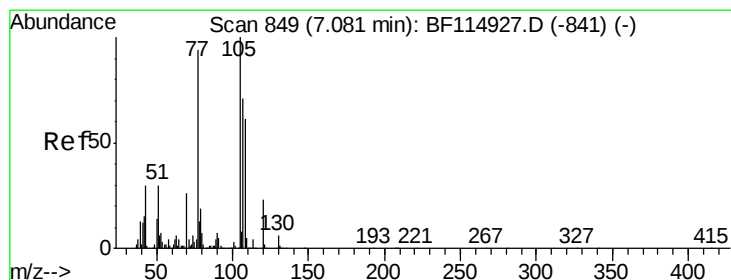
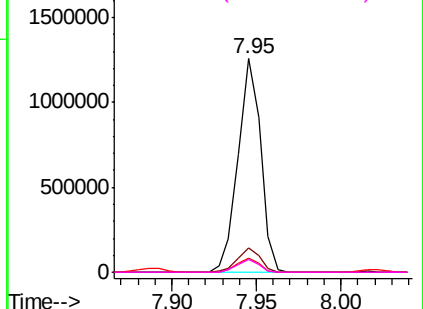
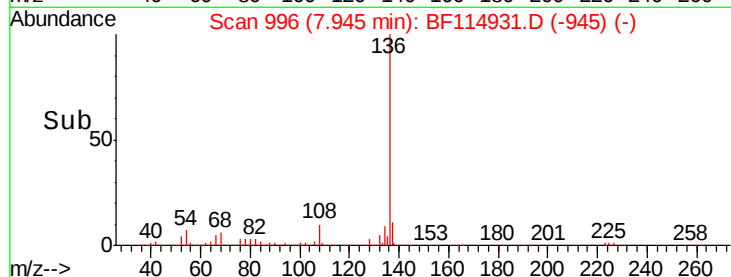
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

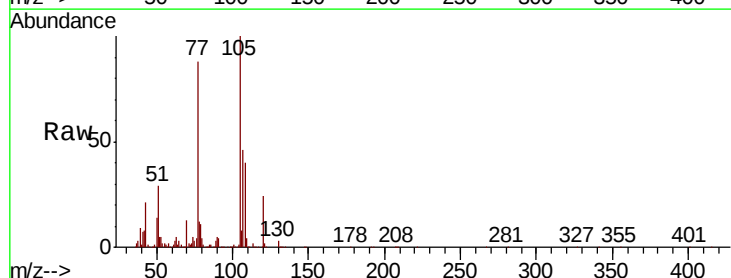
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 82.574 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.01 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Tgt	Ion:105	Resp:	2136320
Ion	Ratio	Lower	Upper
105	100		
71	2.3	3.4	5.2#
51	28.9	24.0	36.0
120	23.7	18.8	28.2



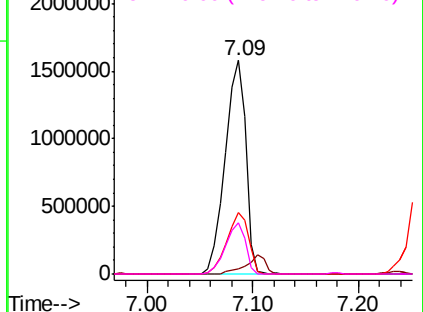
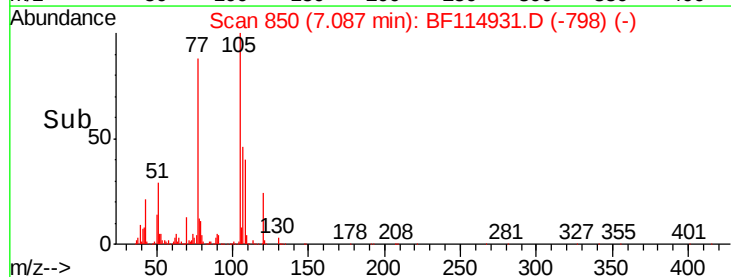
Abundance

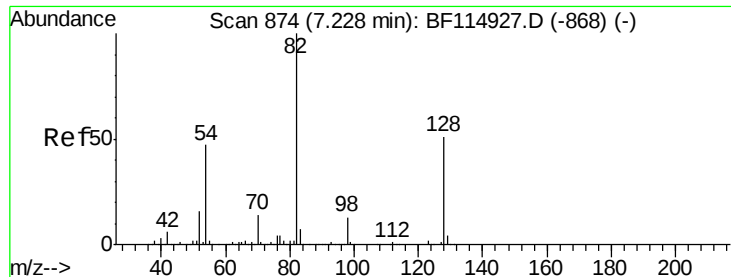
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

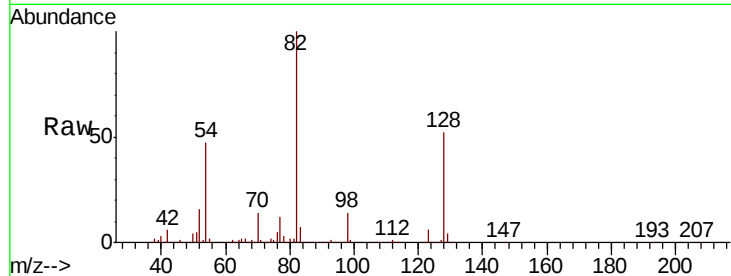




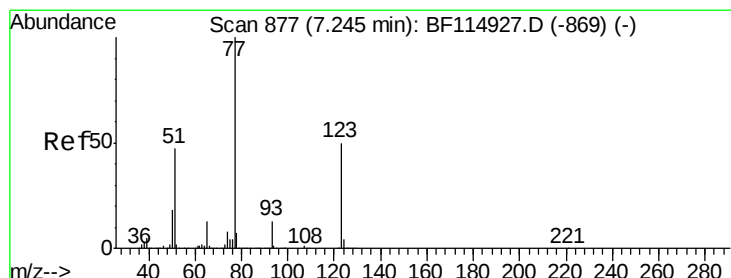
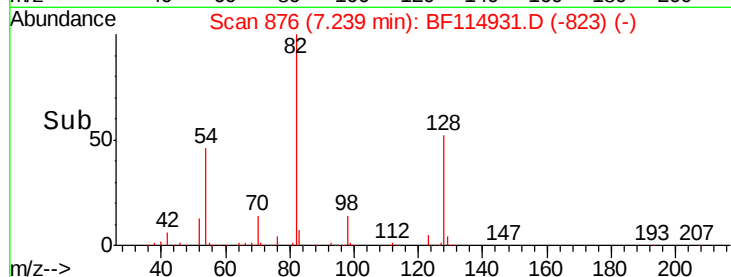
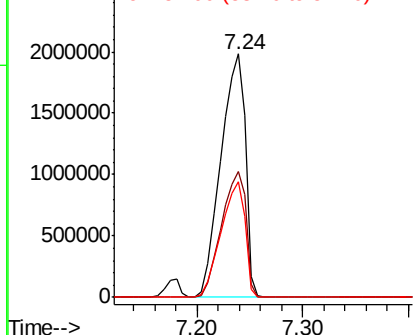
#23
Nitrobenzene-d5
Concen: 167.055 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 3188950
Ion Ratio Lower Upper
82 100
128 51.7 40.9 61.3
54 47.4 37.4 56.0

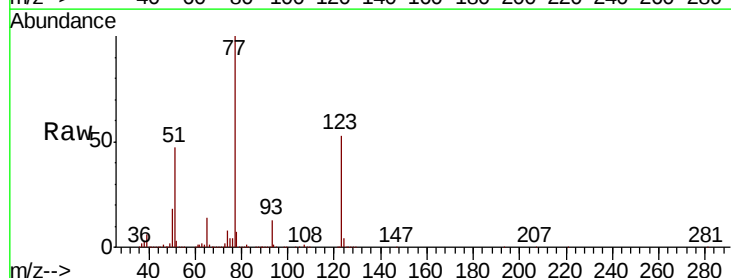


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

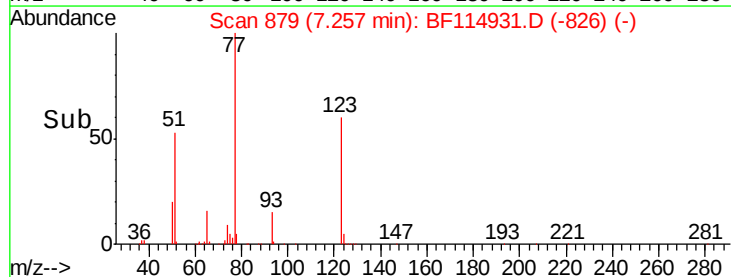
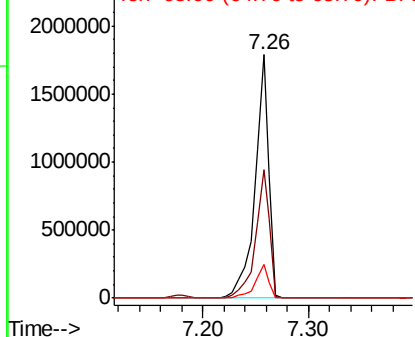


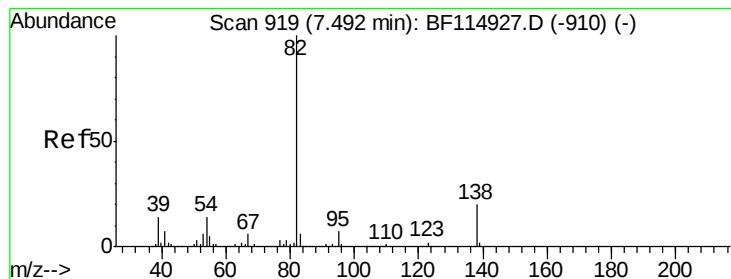
#24
Nitrobenzene
Concen: 82.973 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Tgt Ion: 77 Resp: 1640875
Ion Ratio Lower Upper
77 100
123 52.5 39.8 59.6
65 13.9 10.7 16.1



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 85.786 ng

RT: 7.50 min Scan# 921

Delta R.T. 0.01 min

Lab File: BF114931.D

Acq: 10 Jun 2019 13:12

Instrument :

BNA_F

ClientSampleId :

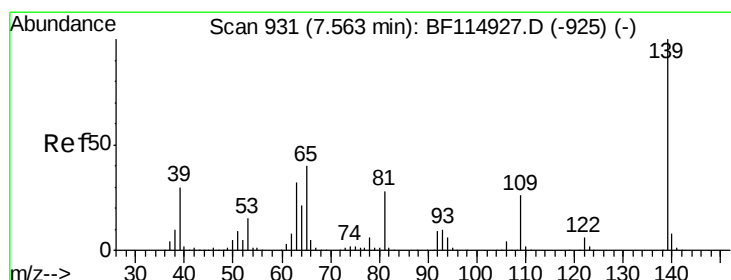
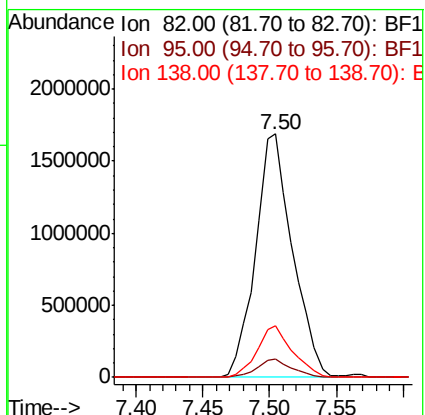
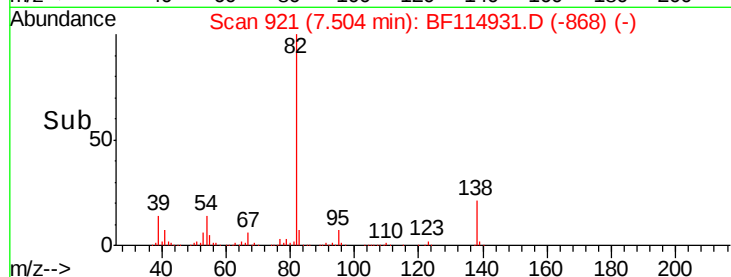
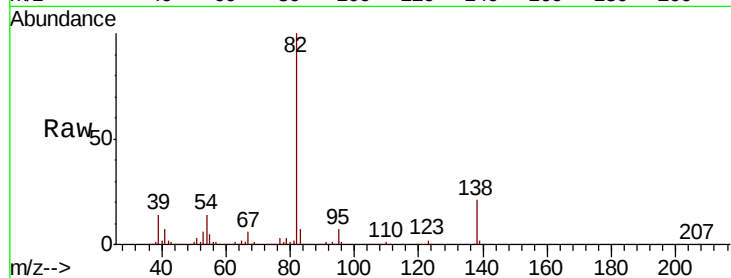
Tot Ion: 82 Resp: 3237428

Ion Ratio Lower Upper

82 100

95 7.5 5.7 8.5

138 21.2 16.4 24.6



#26

2-Nitrophenol

Concen: 88.614 ng

RT: 7.57 min Scan# 932

Delta R.T. 0.01 min

Lab File: BF114931.D

Acq: 10 Jun 2019 13:12

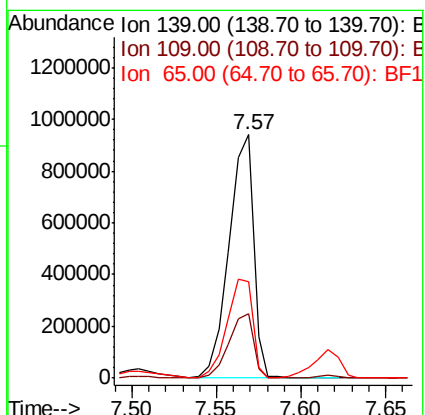
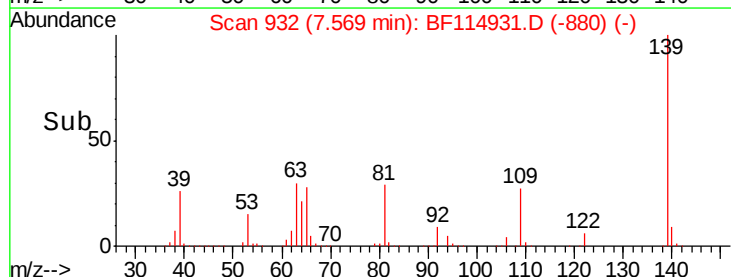
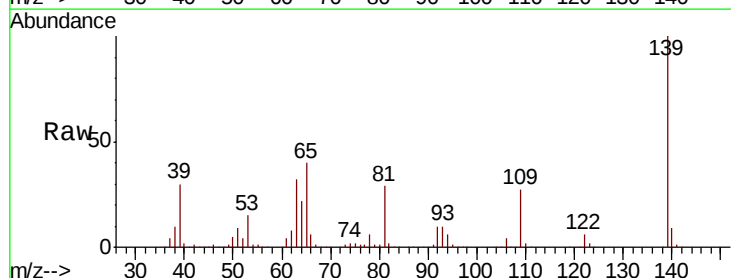
Tgt Ion: 139 Resp: 949138

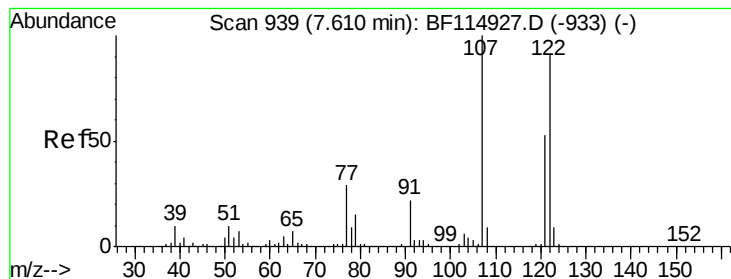
Ion Ratio Lower Upper

139 100

109 26.6 20.6 30.8

65 39.8 32.2 48.2





#27

2,4-Dimethylphenol

Concen: 83.013 ng

RT: 7.62 min Scan# 940

Delta R.T. 0.01 min

Lab File: BF114931.D

Acq: 10 Jun 2019 13:12

Instrument :

BNA_F

ClientSampleId :

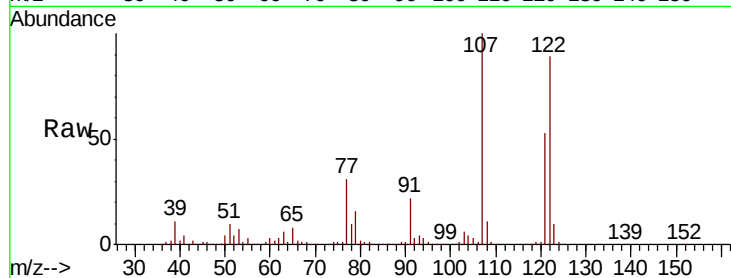
Tot Ion:122 Resp: 1351419

Ion Ratio Lower Upper

122 100

107 112.0 88.0 132.0

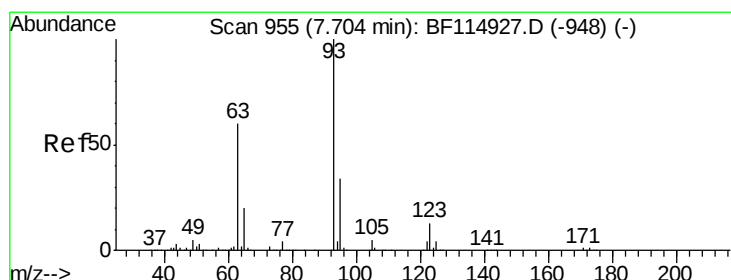
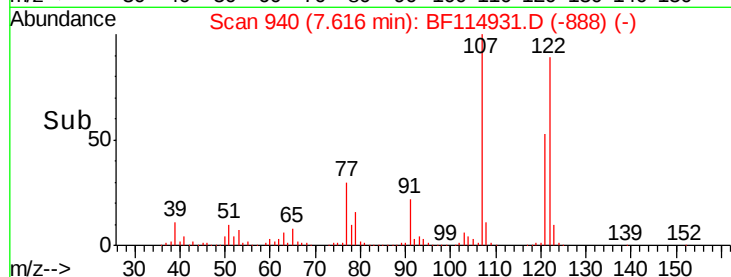
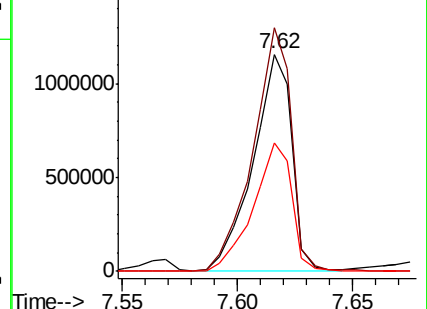
121 58.9 47.0 70.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 80.910 ng

RT: 7.71 min Scan# 956

Delta R.T. 0.01 min

Lab File: BF114931.D

Acq: 10 Jun 2019 13:12

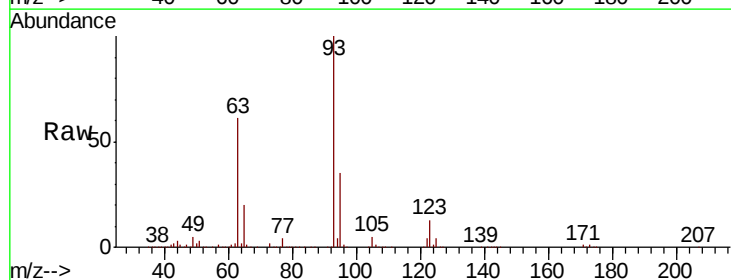
Tgt Ion: 93 Resp: 1951854

Ion Ratio Lower Upper

93 100

95 34.6 27.0 40.4

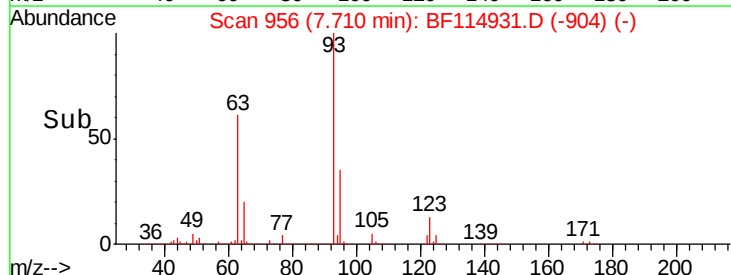
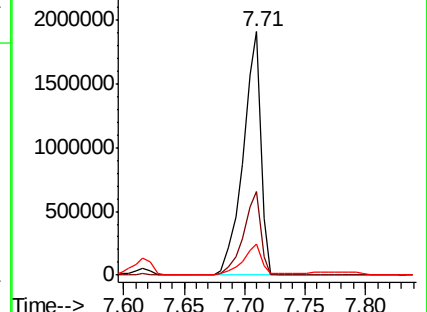
123 12.9 10.3 15.5

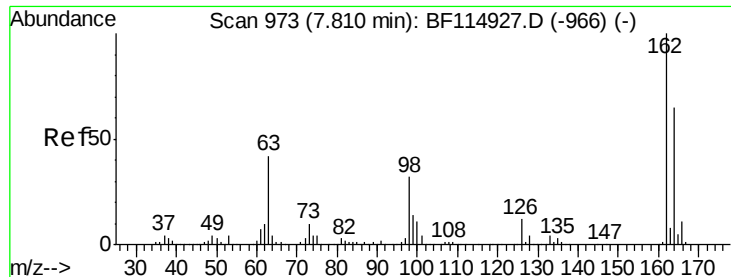


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

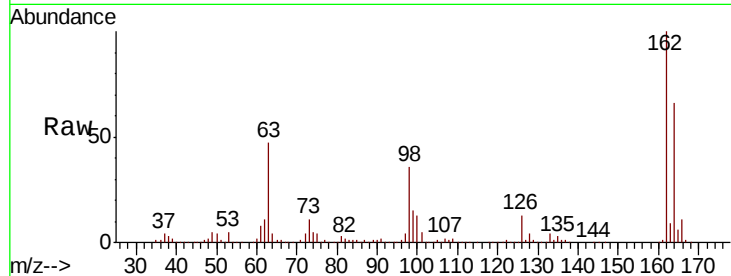




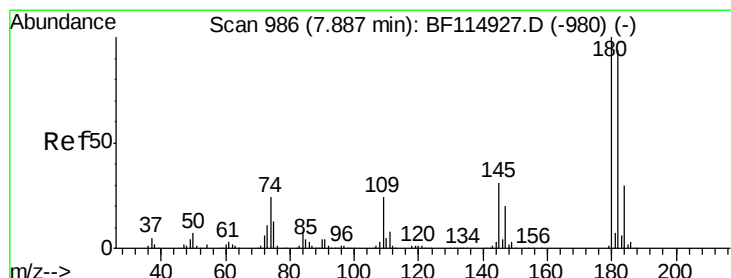
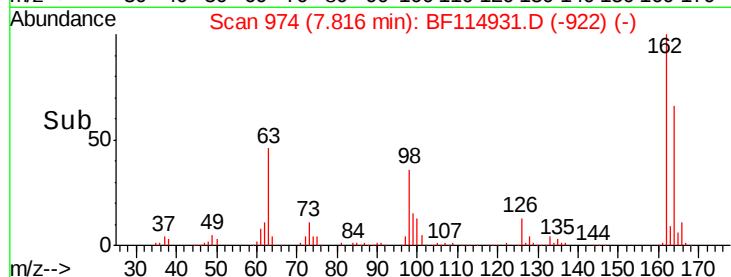
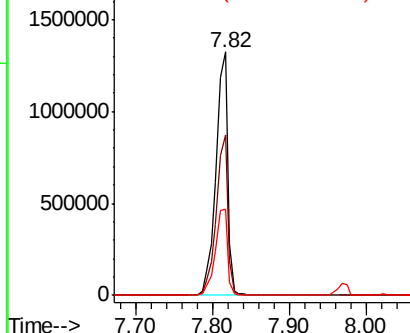
#29
2,4-Dichlorophenol
Concen: 80.530 ng
RT: 7.82 min Scan# 974
Delta R.T. 0.01 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 1379281
Ion Ratio Lower Upper
162 100
164 66.1 45.4 85.4
98 35.6 12.5 52.5

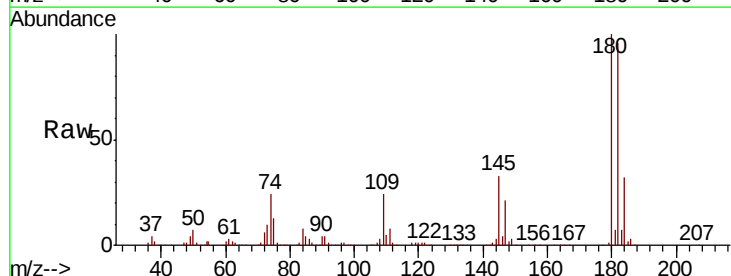


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

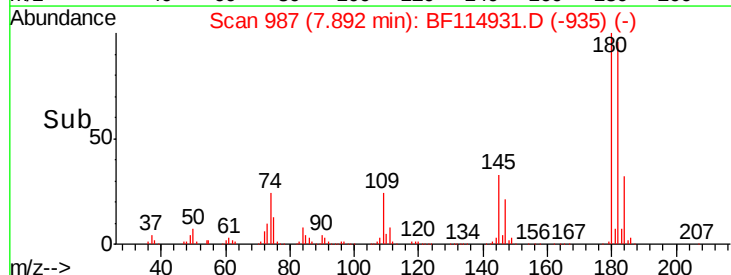
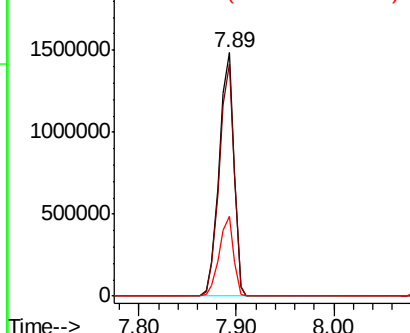


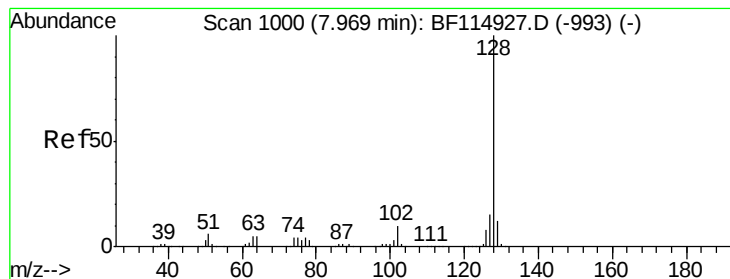
#30
1,2,4-Trichlorobenzene
Concen: 79.675 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.01 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Tgt Ion:180 Resp: 1565787
Ion Ratio Lower Upper
180 100
182 95.6 75.0 112.6
145 32.9 25.1 37.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 76.398 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BF114931.D

Acq: 10 Jun 2019 13:12

Instrument :

BNA_F

ClientSampleId :

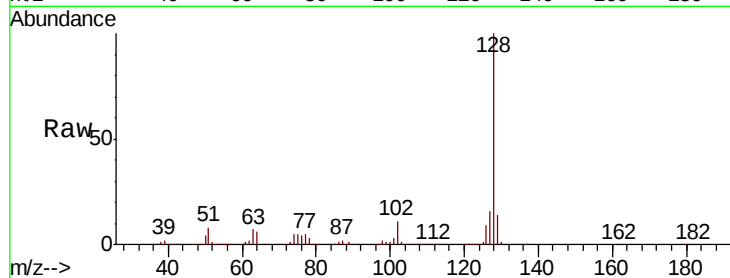
Tot Ion:128 Resp: 4041739

Ion Ratio Lower Upper

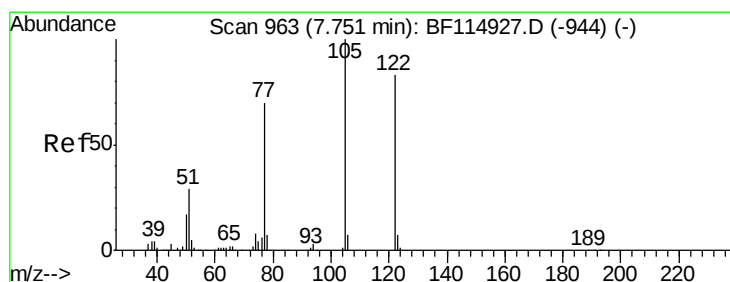
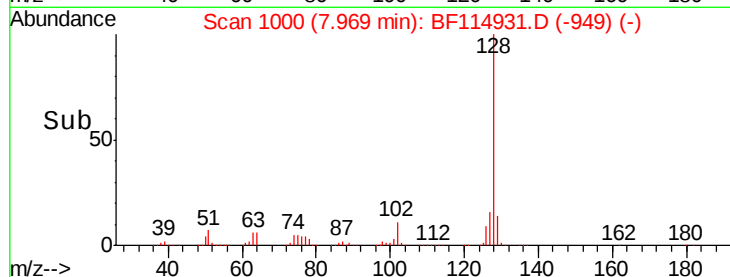
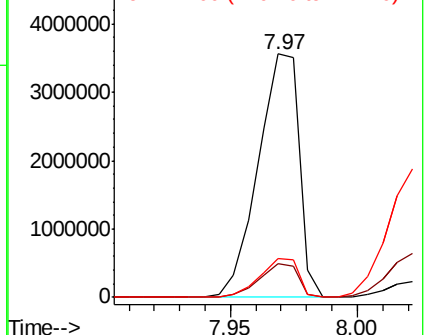
128 100

129 13.9 9.8 14.8

127 16.0 11.8 17.6



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 102.857 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.04 min

Lab File: BF114931.D

Acq: 10 Jun 2019 13:12

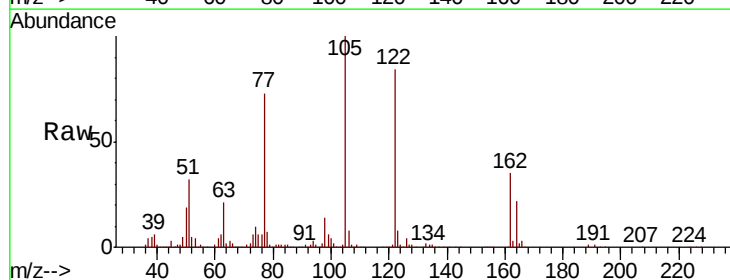
Tgt Ion:122 Resp: 1219574

Ion Ratio Lower Upper

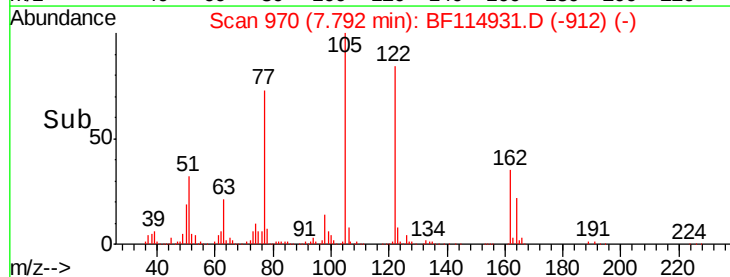
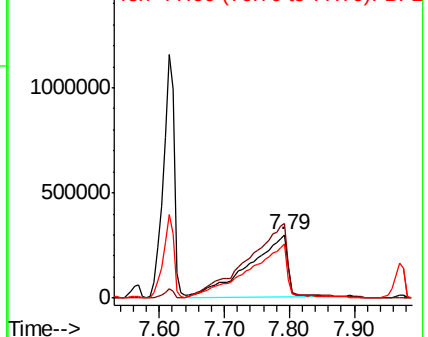
122 100

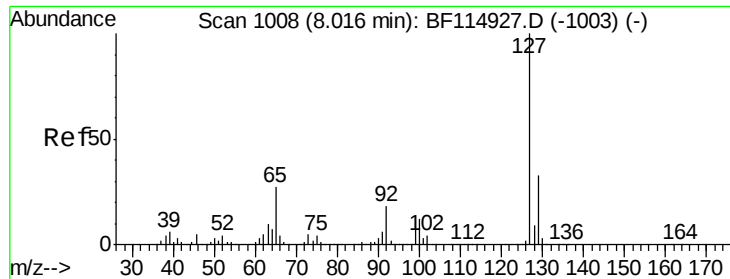
105 118.5 97.7 137.7

77 86.2 63.0 103.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

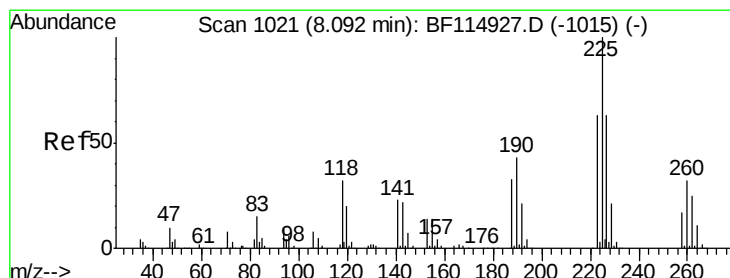
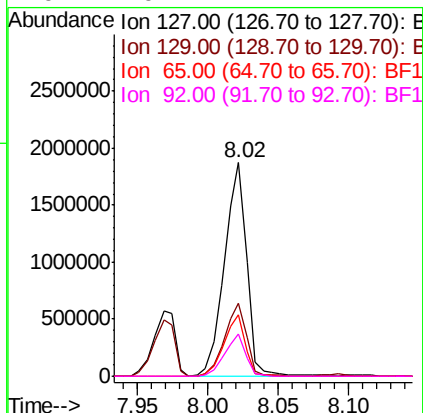
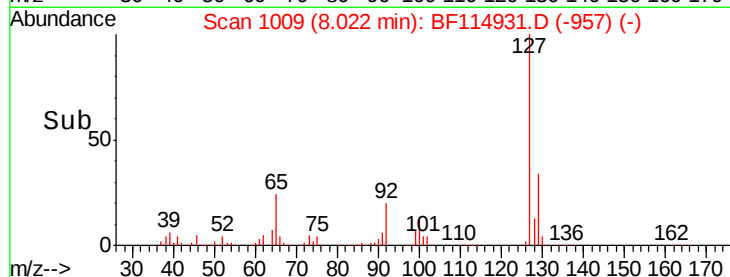
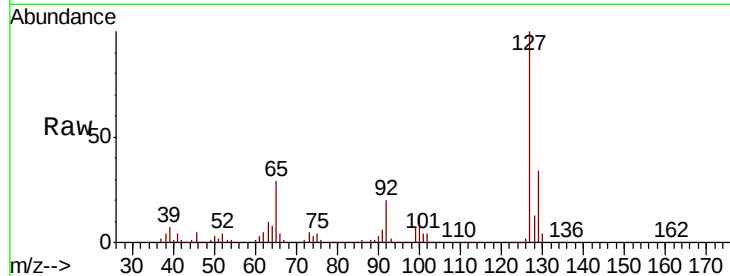




#33
4-Chloroaniline
Concen: 81.026 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.01 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

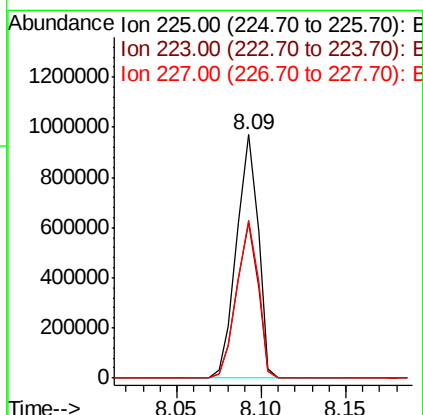
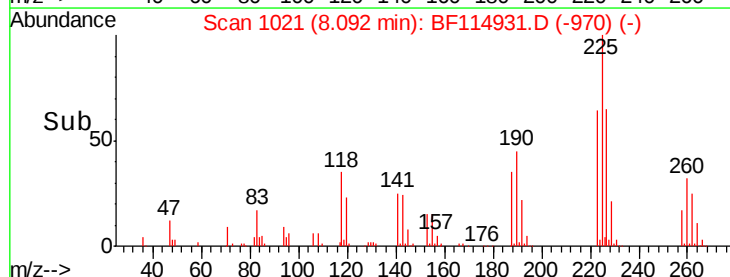
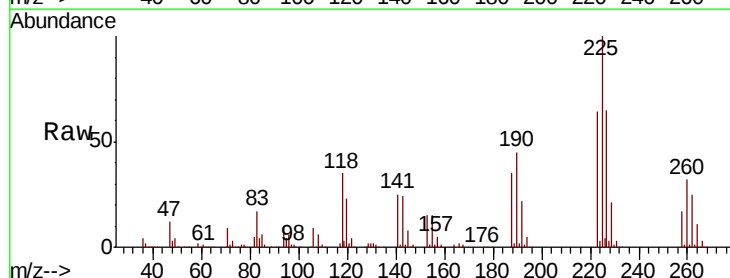
Instrument :
BNA_F
ClientSampleId :

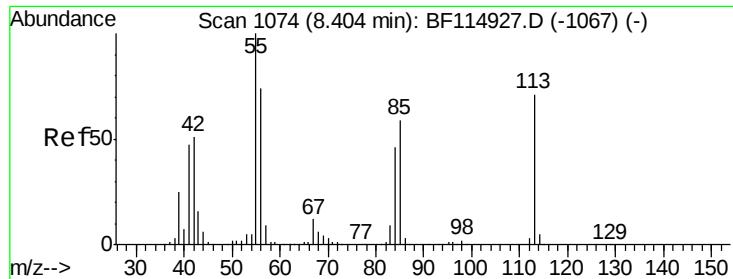
Tot Ion:127	Resp: 2044930
Ion Ratio	Lower Upper
127 100	
129 34.3	26.6 40.0
65 28.6	21.5 32.3
92 19.7	14.7 22.1



#34
Hexachlorobutadiene
Concen: 77.572 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Tgt Ion	225	Resp: 866707	
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.6	75.8
227	64.6	50.6	75.8

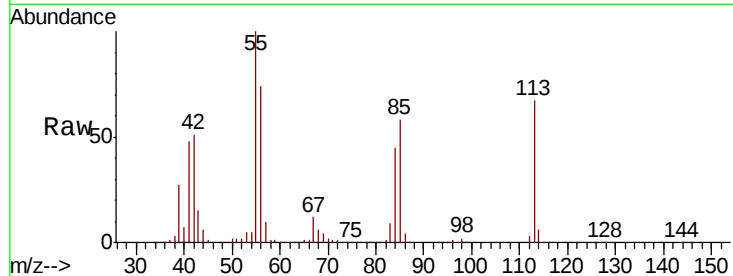




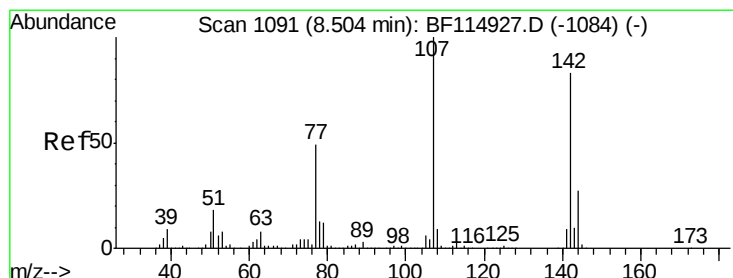
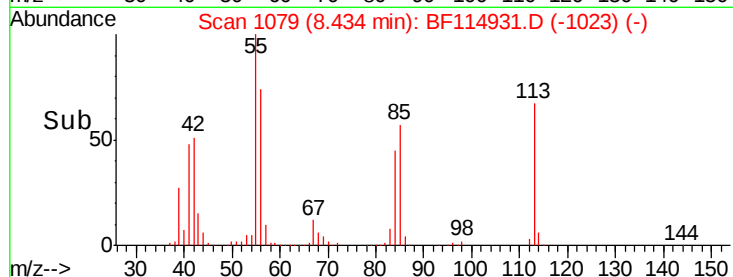
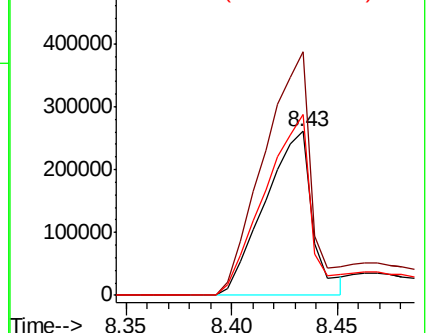
#35
Caprolactam
Concen: 73.186 ng
RT: 8.43 min Scan# 1079
Delta R.T. 0.03 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 409478
Ion Ratio Lower Upper
113 100
55 148.7 120.9 160.9
56 110.6 84.3 124.3

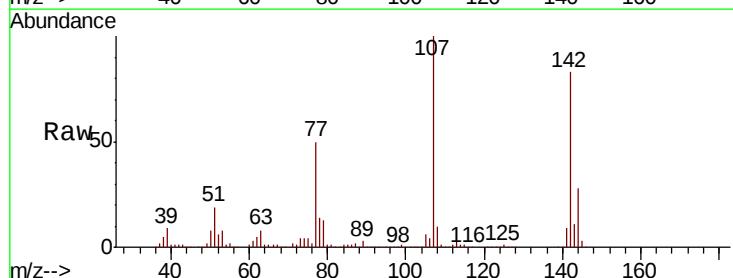


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

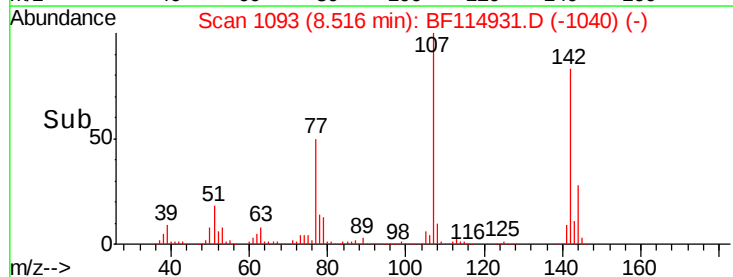
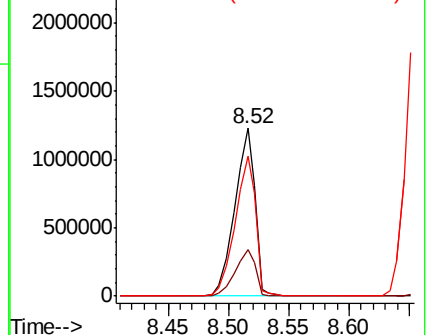


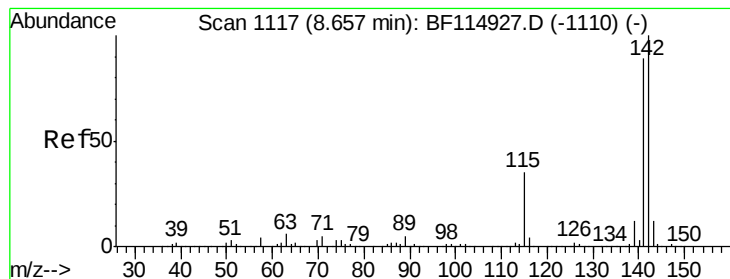
#36
4-Chloro-3-methylphenol
Concen: 83.646 ng
RT: 8.52 min Scan# 1093
Delta R.T. 0.01 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Tgt Ion:107 Resp: 1425575
Ion Ratio Lower Upper
107 100
144 27.6 21.6 32.4
142 83.2 66.1 99.1



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

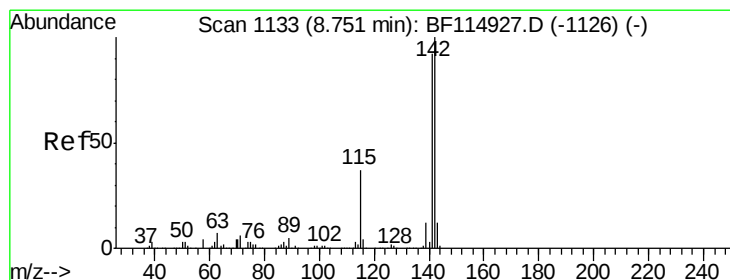
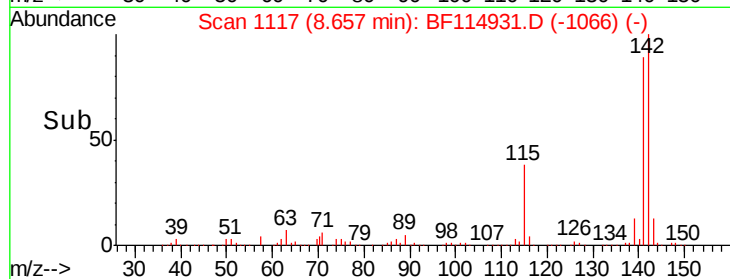
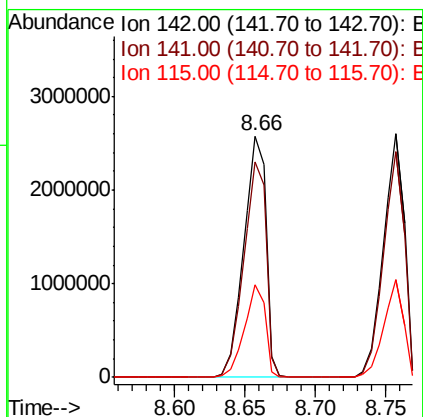
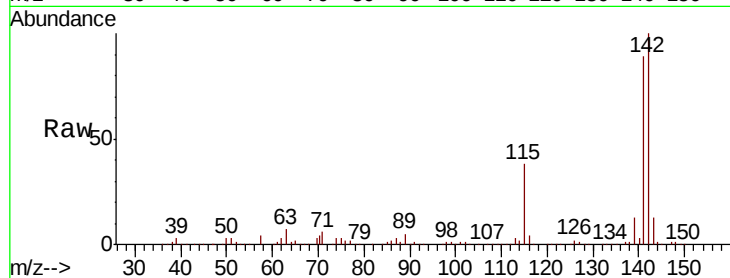




#37
2-Methylnaphthalene
Concen: 77.276 ng
RT: 8.66 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

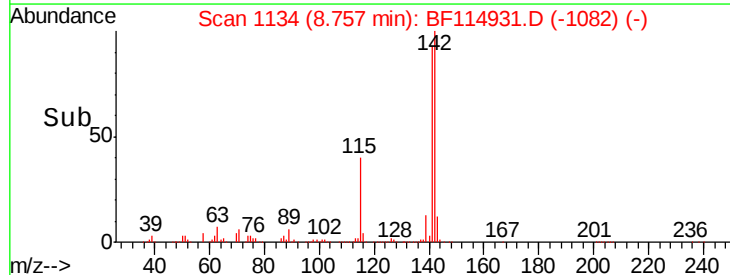
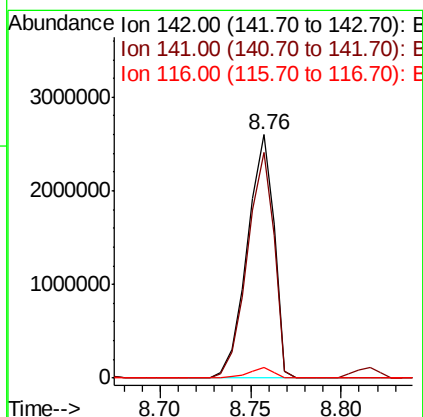
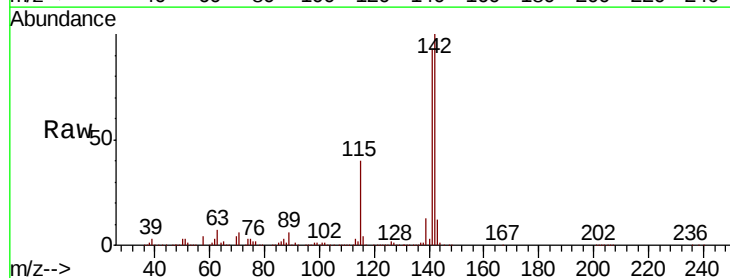
Instrument :
BNA_F
ClientSampleId :

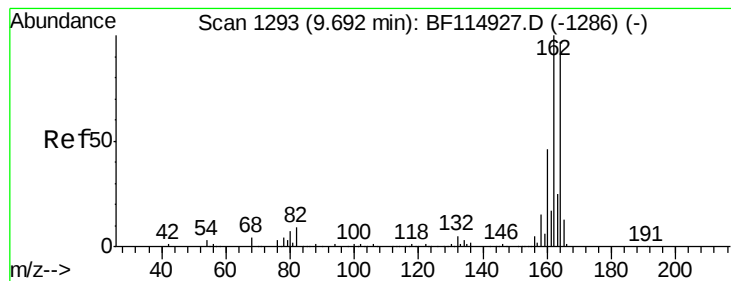
Tot Ion:142 Resp: 2835613
Ion Ratio Lower Upper
142 100
141 89.1 71.1 106.7
115 38.4 27.8 41.6



#38
1-Methylnaphthalene
Concen: 76.446 ng
RT: 8.76 min Scan# 1134
Delta R.T. 0.01 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Tgt Ion:142 Resp: 2660249
Ion Ratio Lower Upper
142 100
141 92.8 73.7 110.5
116 4.3 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF114931.D

Acq: 10 Jun 2019 13:12

Instrument :

BNA_F

ClientSampleId :

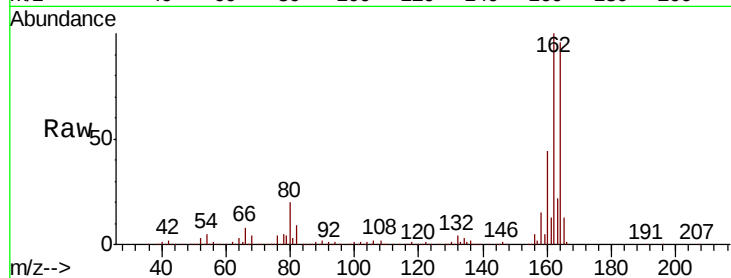
Tot Ion:164 Resp: 578930

Ion Ratio Lower Upper

164 100

162 103.8 82.4 123.6

160 45.6 37.5 56.3

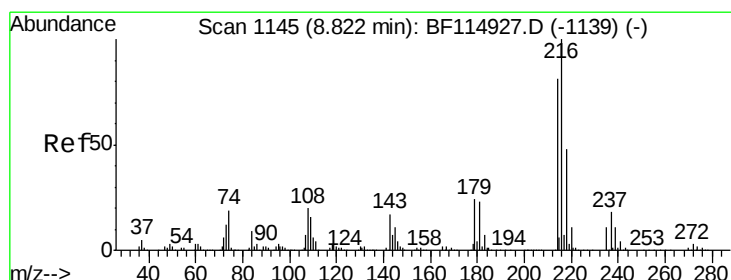
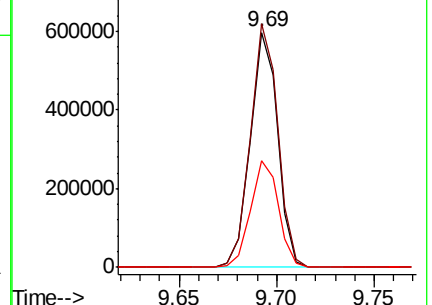
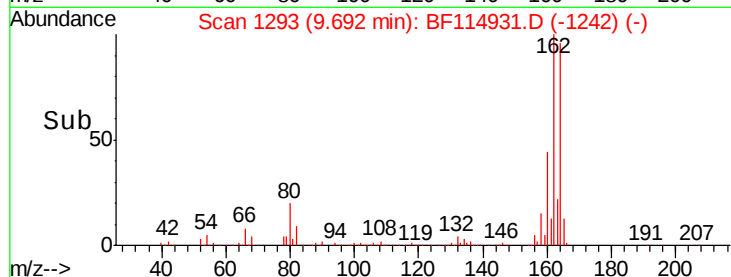


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 76.702 ng

RT: 8.83 min Scan# 1146

Delta R.T. 0.01 min

Lab File: BF114931.D

Acq: 10 Jun 2019 13:12

Tgt Ion:216 Resp: 1279681

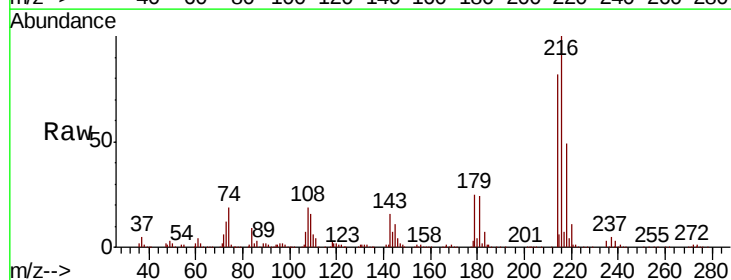
Ion Ratio Lower Upper

216 100

214 80.2 63.8 95.8

179 23.4 18.5 27.7

108 19.6 15.6 23.4



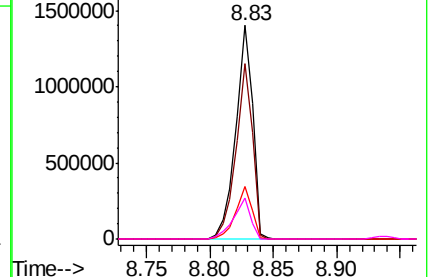
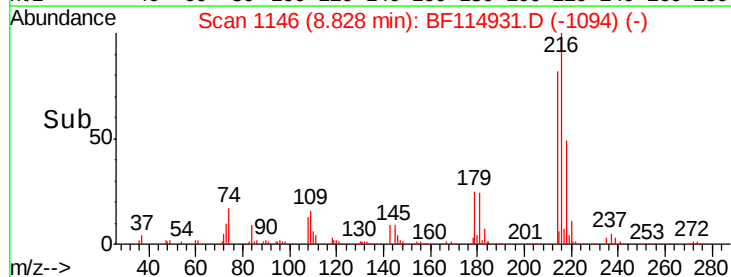
Abundance

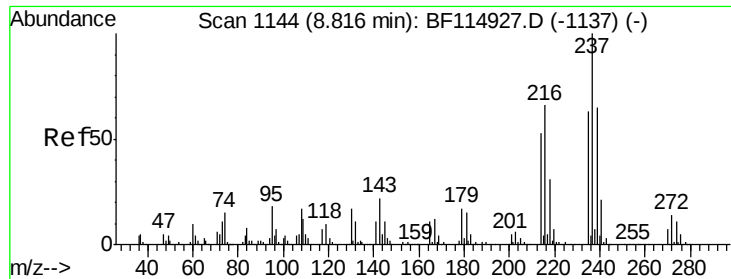
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 83.584 ng

RT: 8.82 min Scan# 1144

Delta R.T. -0.00 min

Lab File: BF114931.D

Acq: 10 Jun 2019 13:12

Instrument :

BNA_F

ClientSampled :

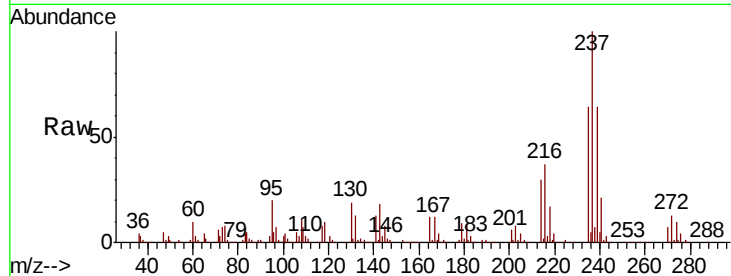
Tot Ion:237 Resp: 845759

Ion Ratio Lower Upper

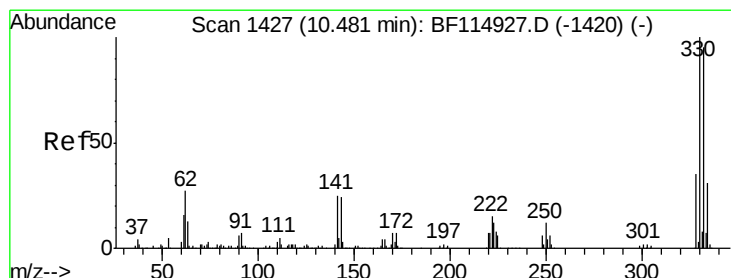
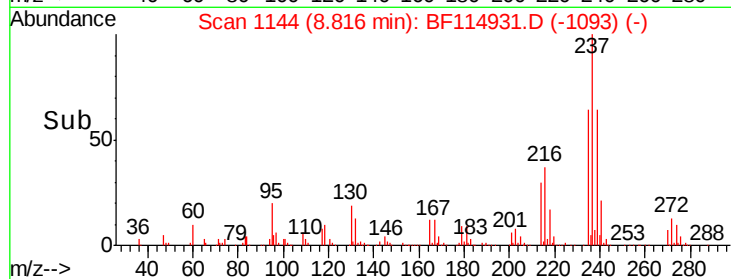
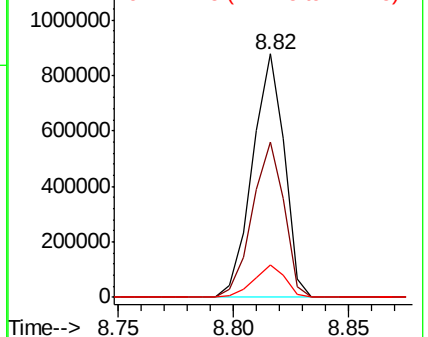
237 100

235 63.9 43.3 83.3

272 13.4 0.0 33.5



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 158.311 ng

RT: 10.49 min Scan# 1428

Delta R.T. 0.01 min

Lab File: BF114931.D

Acq: 10 Jun 2019 13:12

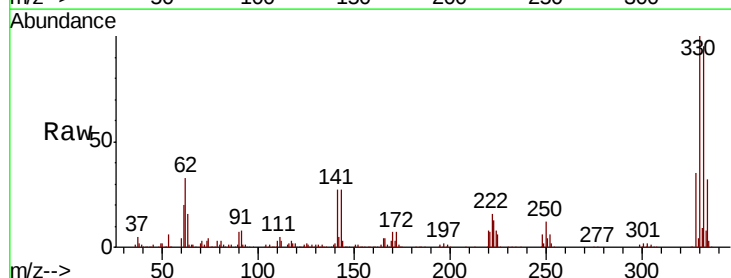
Tgt Ion:330 Resp: 987686

Ion Ratio Lower Upper

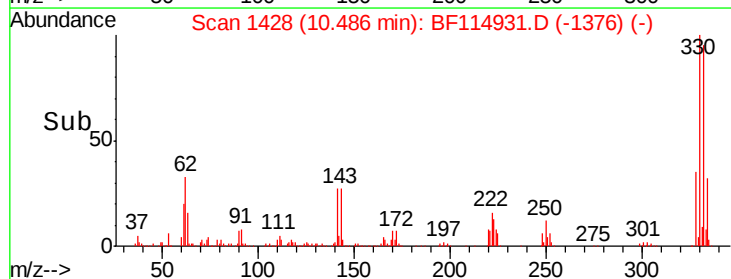
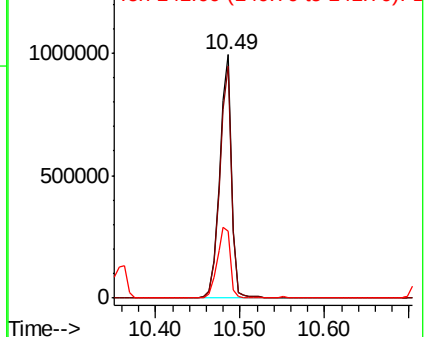
330 100

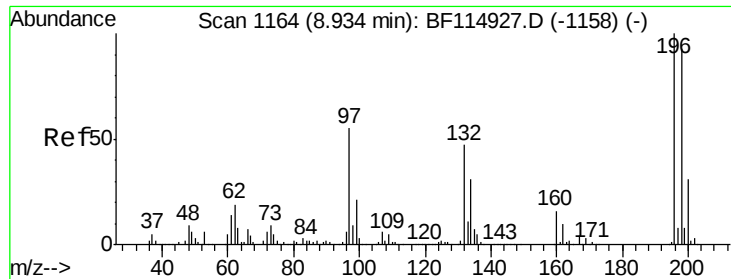
332 96.0 76.4 114.6

141 32.6 26.8 40.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

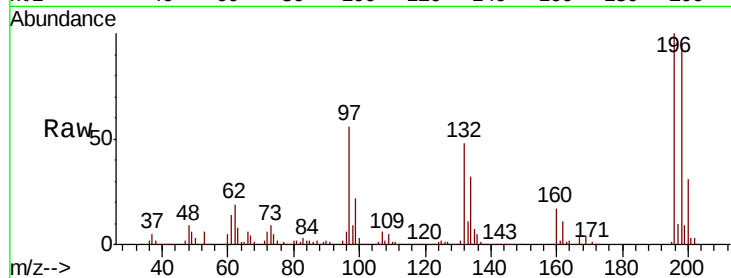




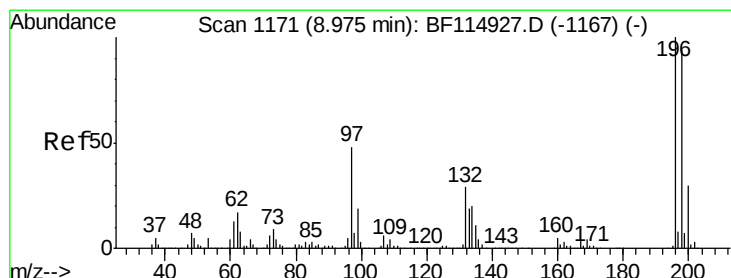
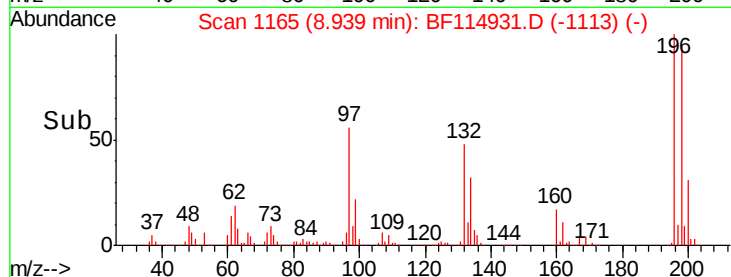
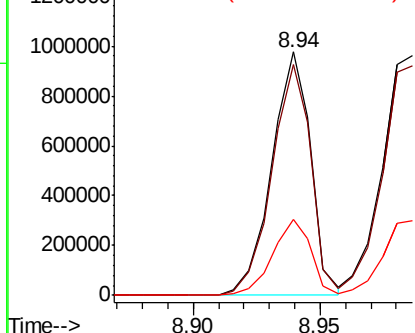
#43
 2,4,6-Trichlorophenol
 Concen: 80.747 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. 0.01 min
 Lab File: BF114931.D
 Acq: 10 Jun 2019 13:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 1047549
 Ion Ratio Lower Upper
 196 100
 198 94.7 74.8 112.2
 200 31.2 24.5 36.7



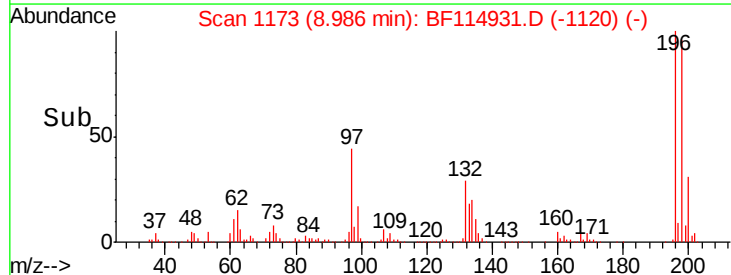
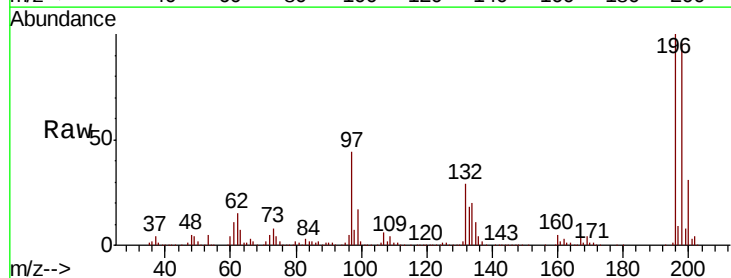
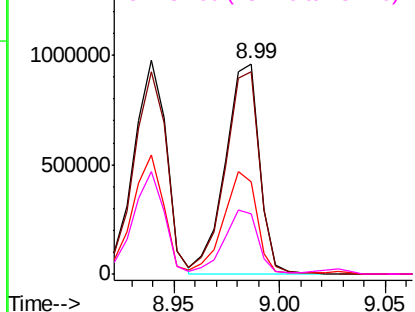
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

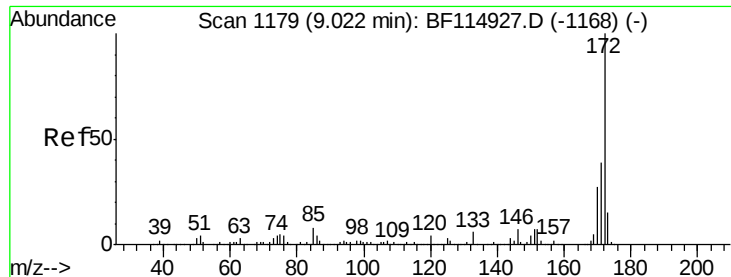


#44
 2,4,5-Trichlorophenol
 Concen: 82.030 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.01 min
 Lab File: BF114931.D
 Acq: 10 Jun 2019 13:12

Tgt Ion:196 Resp: 1071739
 Ion Ratio Lower Upper
 196 100
 198 96.0 75.6 113.4
 97 43.9 38.6 57.8
 132 28.5 23.7 35.5

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

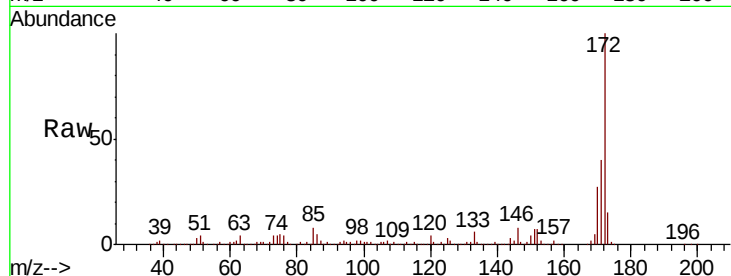




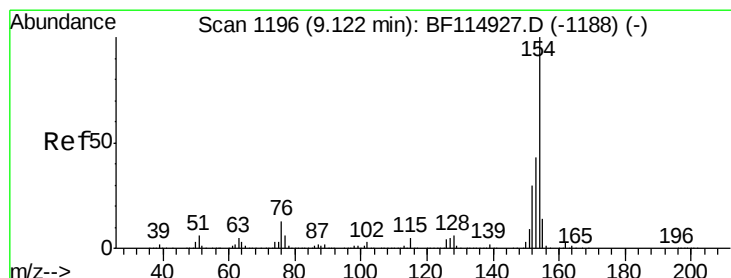
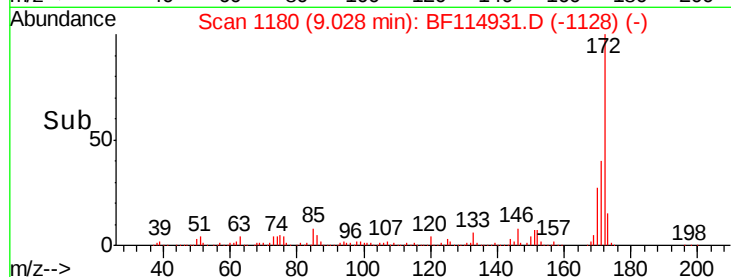
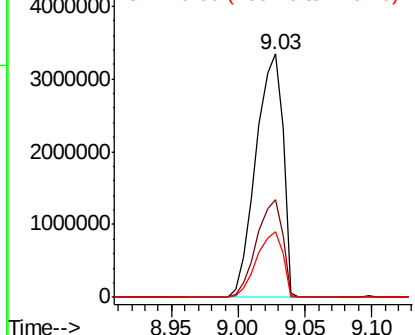
#45
2-Fluorobiphenyl
Concen: 151.114 ng
RT: 9.03 min Scan# 1180
Delta R.T. 0.01 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 4670131
Ion Ratio Lower Upper
172 100
171 39.9 31.3 46.9
170 27.1 21.4 32.0

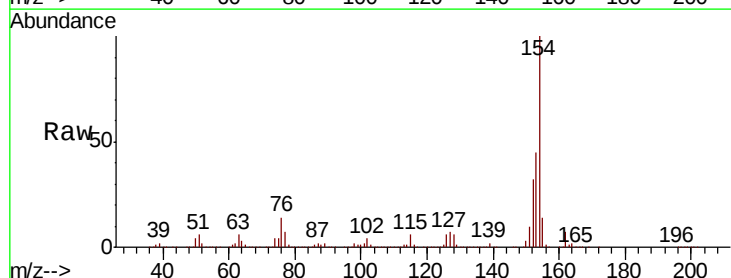


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

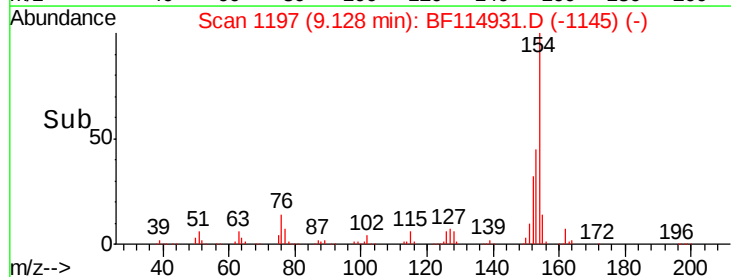
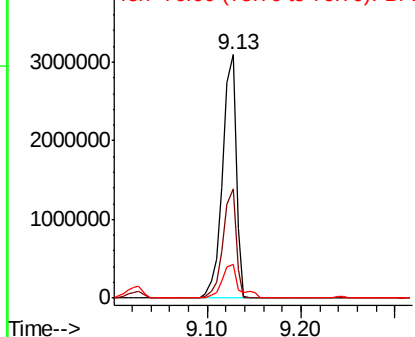


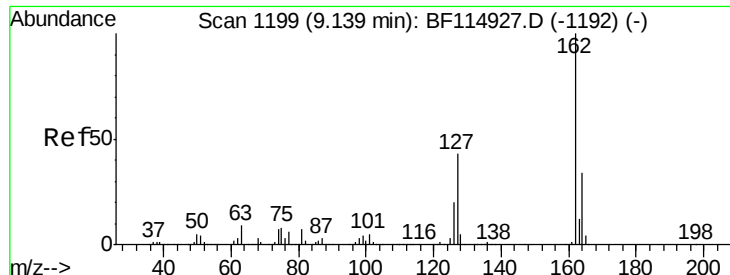
#46
1,1'-Biphenyl
Concen: 73.418 ng
RT: 9.13 min Scan# 1197
Delta R.T. 0.01 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Tgt Ion:154 Resp: 3150164
Ion Ratio Lower Upper
154 100
153 44.8 22.8 62.8
76 14.0 0.0 33.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

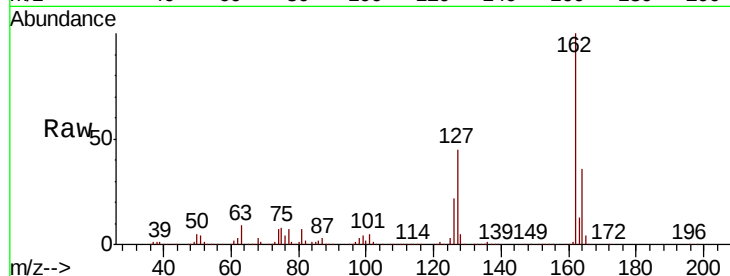




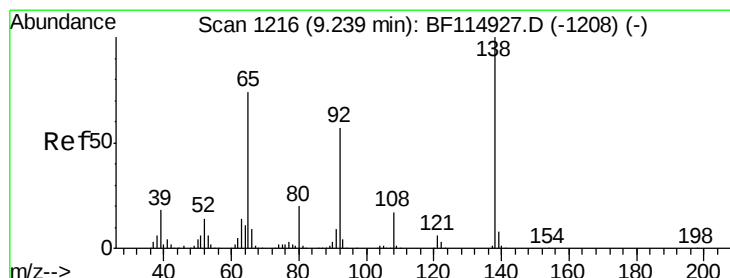
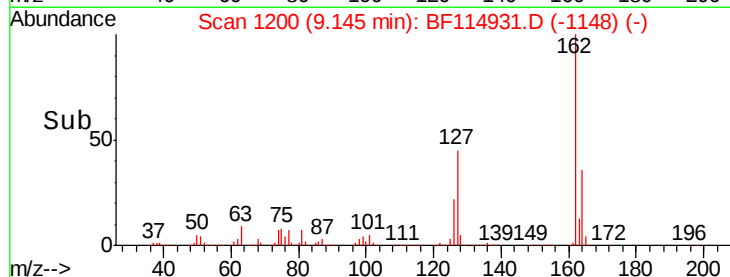
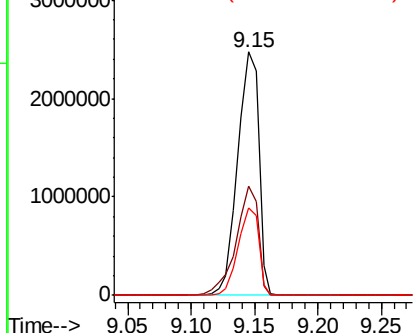
#47
 2-Chloronaphthalene
 Concen: 77.948 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.01 min
 Lab File: BF114931.D
 Acq: 10 Jun 2019 13:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 2841923
 Ion Ratio Lower Upper
 162 100
 127 45.0 34.6 51.8
 164 35.7 27.5 41.3

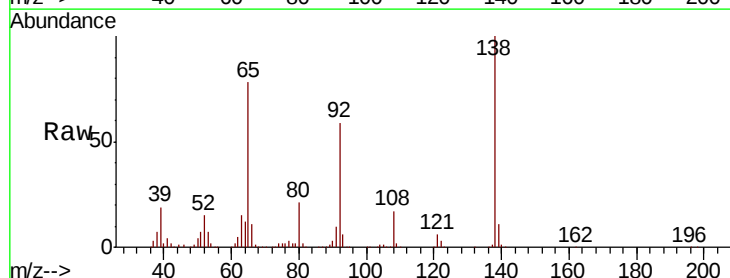


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

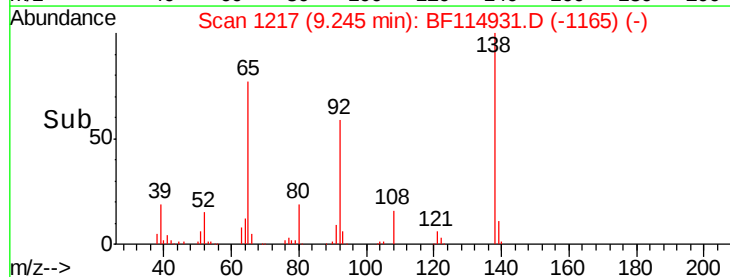
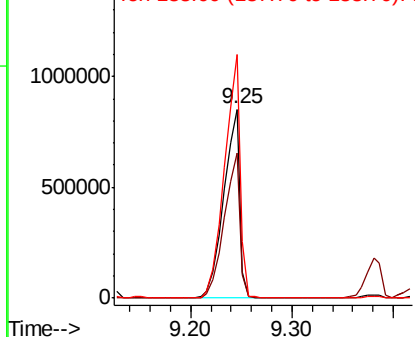


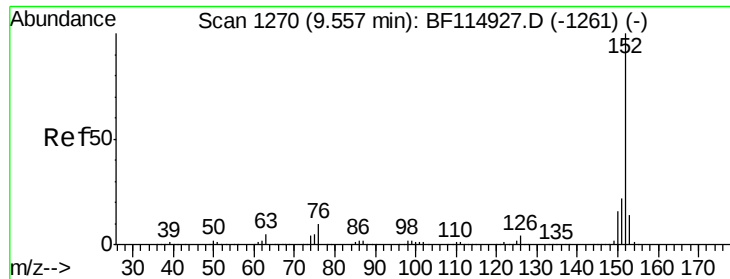
#48
 2-Nitroaniline
 Concen: 85.288 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.01 min
 Lab File: BF114931.D
 Acq: 10 Jun 2019 13:12

Tgt Ion: 65 Resp: 927963
 Ion Ratio Lower Upper
 65 100
 92 76.5 61.9 92.9
 138 128.8 108.6 162.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 75.445 ng

RT: 9.56 min Scan# 1271

Delta R.T. 0.01 min

Lab File: BF114931.D

Acq: 10 Jun 2019 13:12

Instrument :

BNA_F

ClientSampleId :

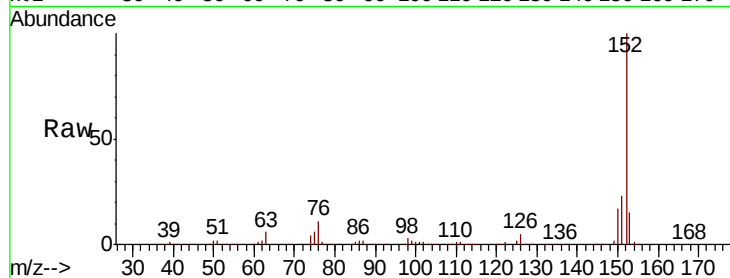
Tot Ion:152 Resp: 3988970

Ion Ratio Lower Upper

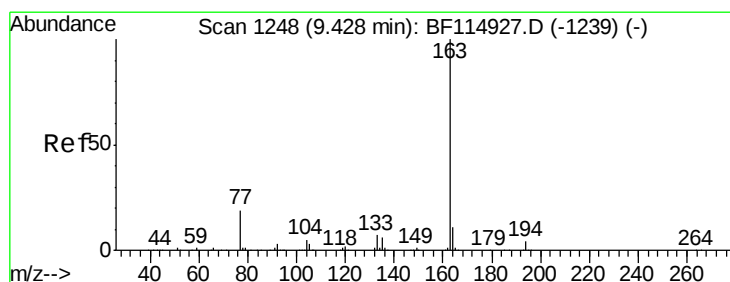
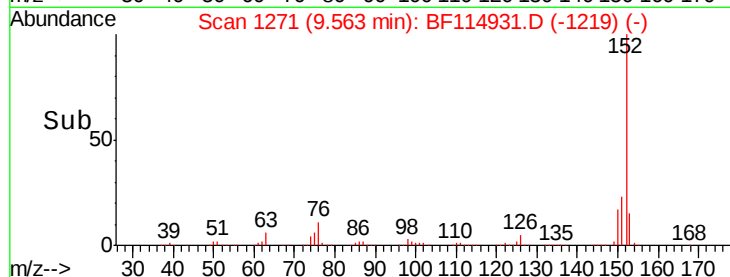
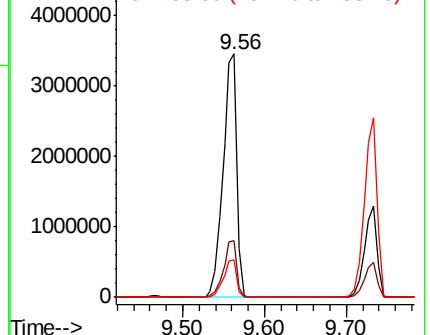
152 100

151 23.5 17.6 26.4

153 15.2 11.4 17.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 82.849 ng

RT: 9.44 min Scan# 1250

Delta R.T. 0.01 min

Lab File: BF114931.D

Acq: 10 Jun 2019 13:12

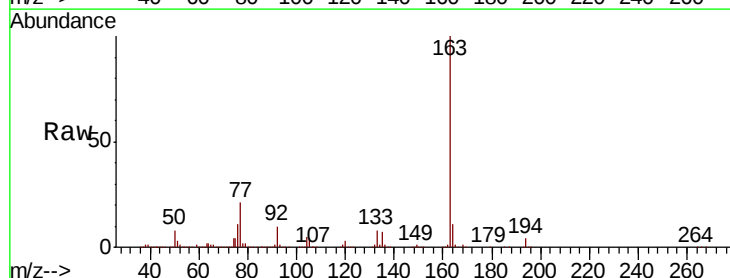
Tgt Ion:163 Resp: 3503103

Ion Ratio Lower Upper

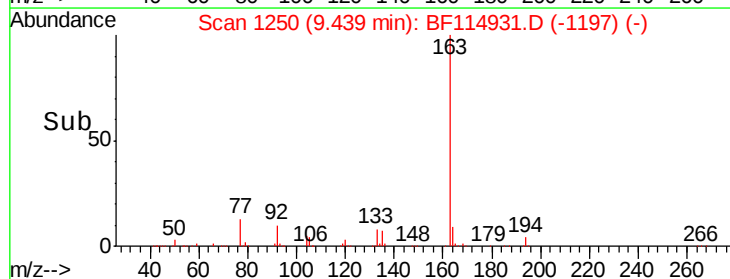
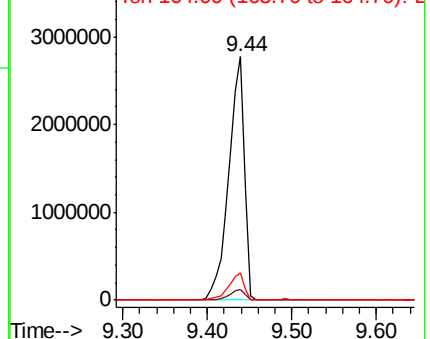
163 100

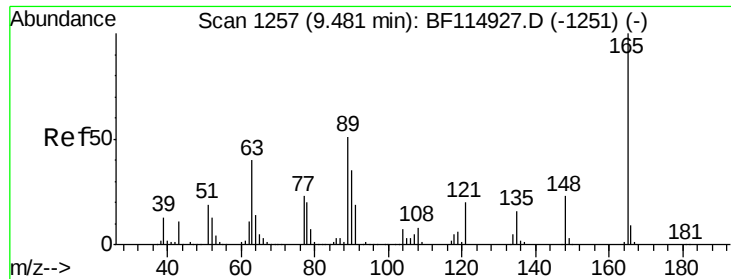
194 4.4 3.4 5.0

164 11.3 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

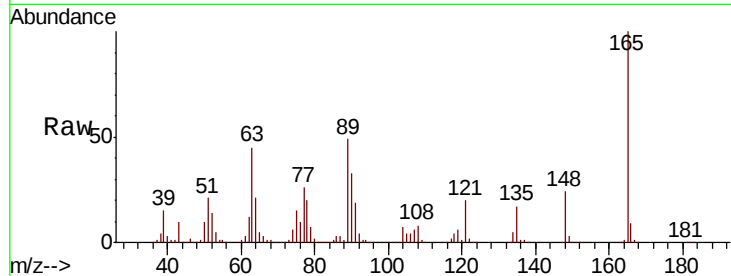




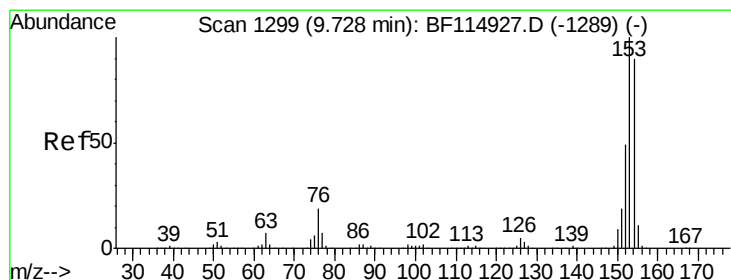
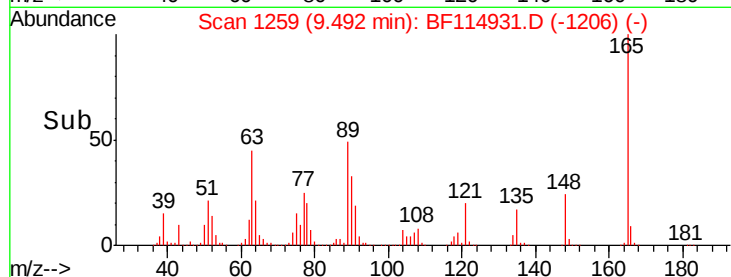
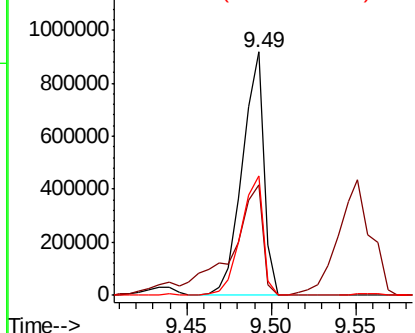
#51
 2,6-Dinitrotoluene
 Concen: 83.053 ng
 RT: 9.49 min Scan# 1259
 Delta R.T. 0.01 min
 Lab File: BF114931.D
 Acq: 10 Jun 2019 13:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	45.4	38.3	57.5
89	49.3	40.8	61.2

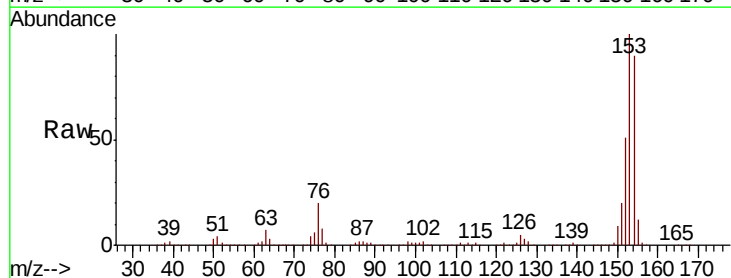


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

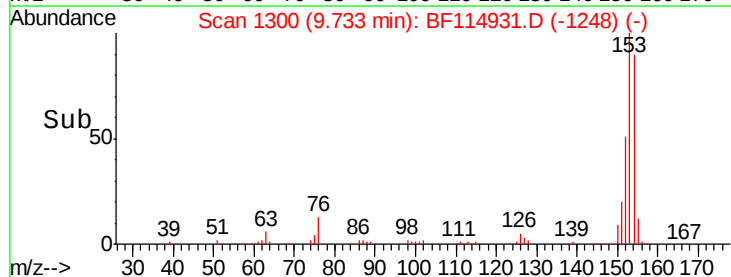
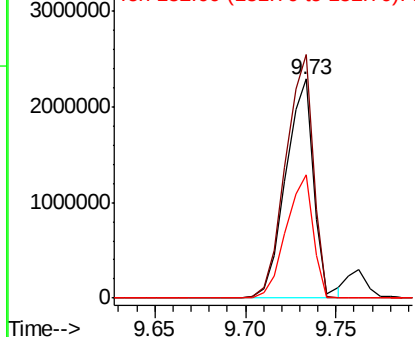


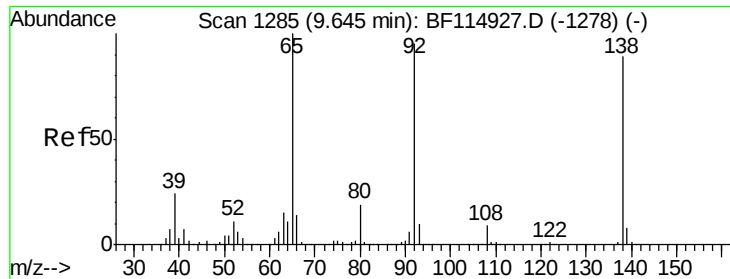
#52
 Acenaphthene
 Concen: 71.818 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.01 min
 Lab File: BF114931.D
 Acq: 10 Jun 2019 13:12

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.0	89.1	133.7
152	56.2	43.8	65.6



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

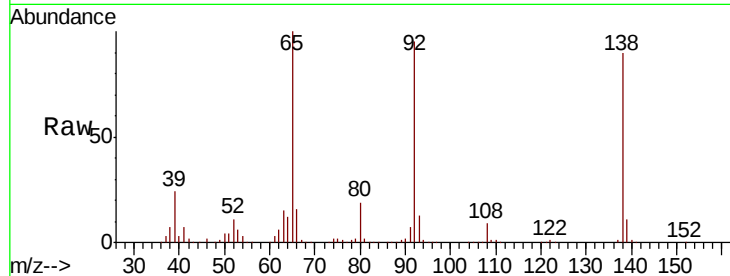




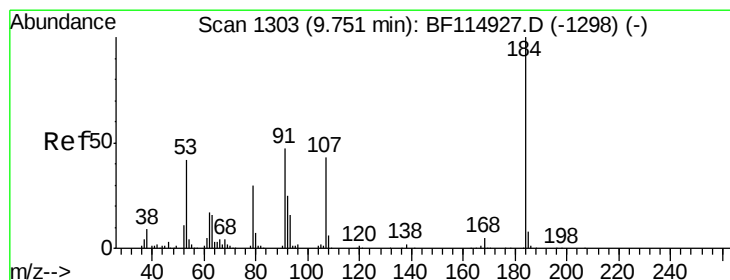
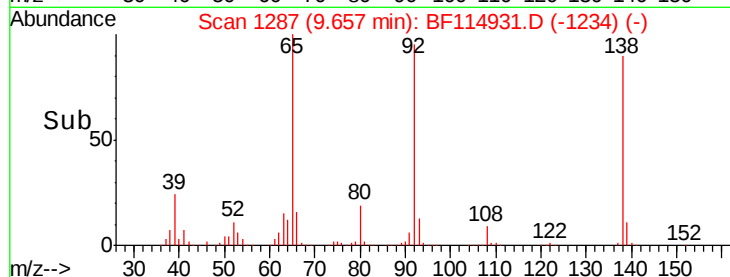
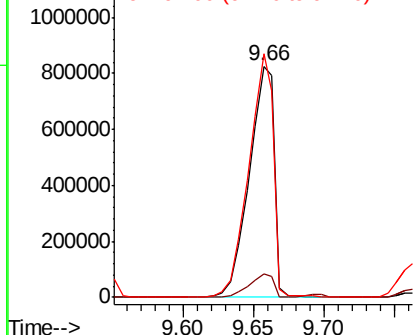
#53
3-Nitroaniline
Concen: 88.895 ng
RT: 9.66 min Scan# 1287
Delta R.T. 0.01 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 1032645
Ion Ratio Lower Upper
138 100
108 10.1 7.9 11.9
92 105.4 85.0 127.6

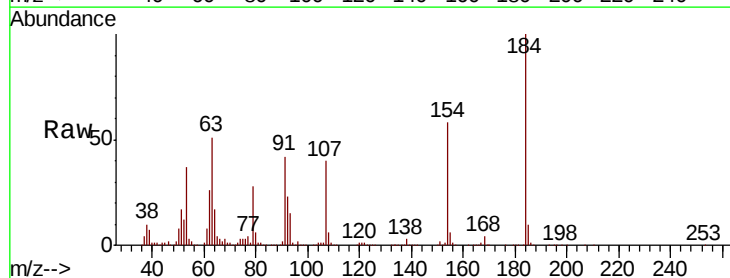


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

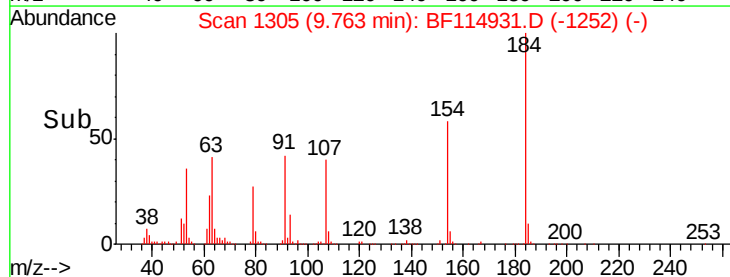
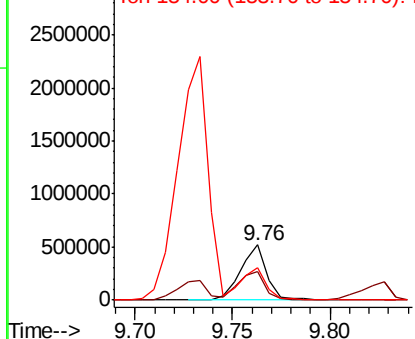


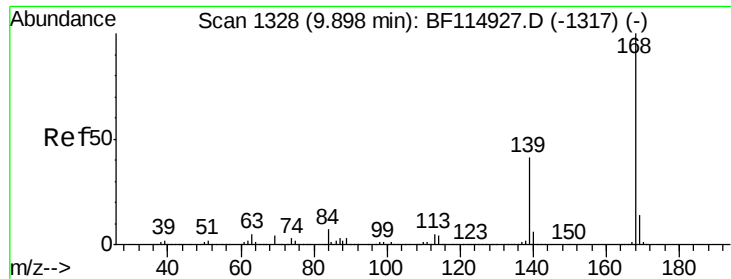
#54
2,4-Dinitrophenol
Concen: 108.656 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.01 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Tgt Ion:184 Resp: 488924
Ion Ratio Lower Upper
184 100
63 51.4 47.4 71.0
154 58.2 48.6 73.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

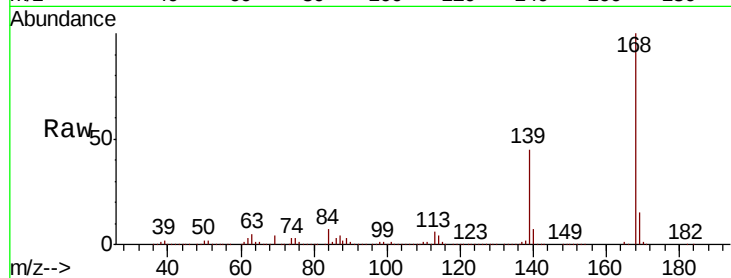




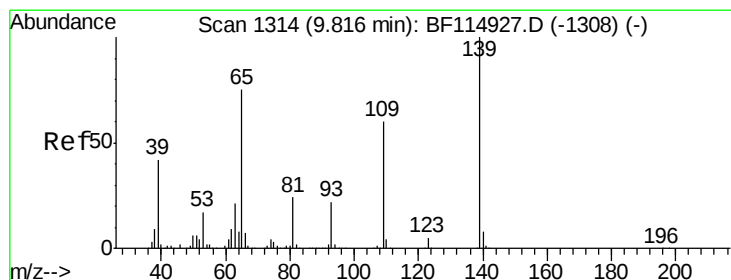
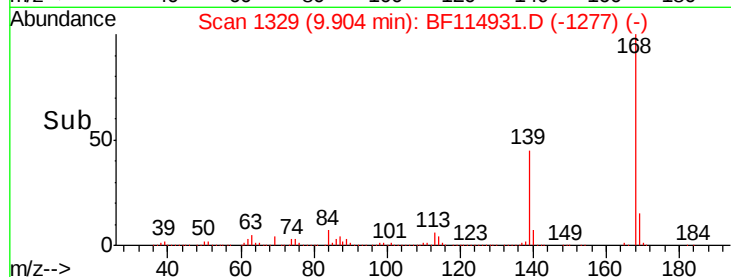
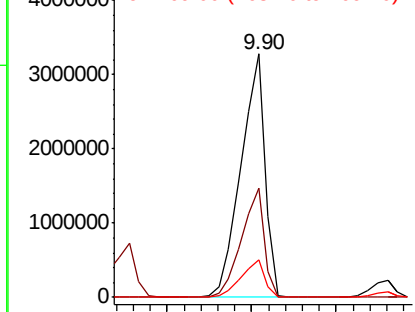
#55
Dibenzofuran
Concen: 68.089 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 3279272
Ion Ratio Lower Upper
168 100
139 44.8 33.0 49.4
169 15.4 11.6 17.4

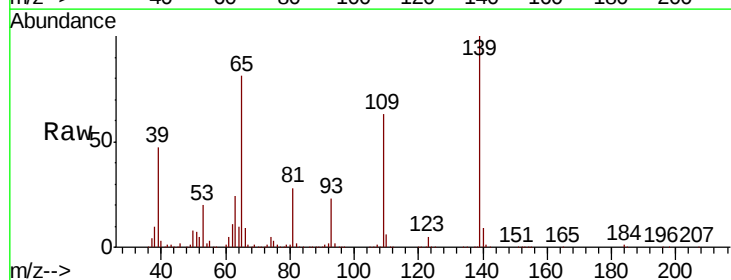


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

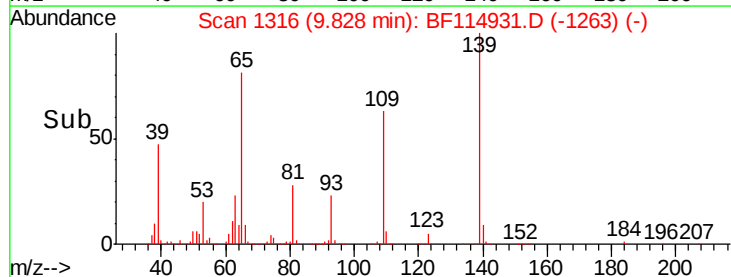
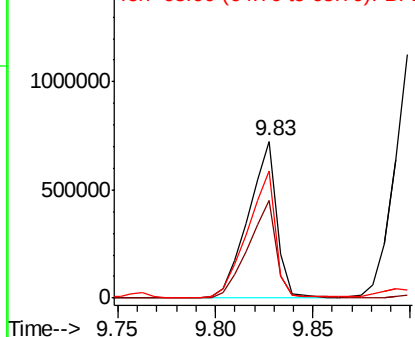


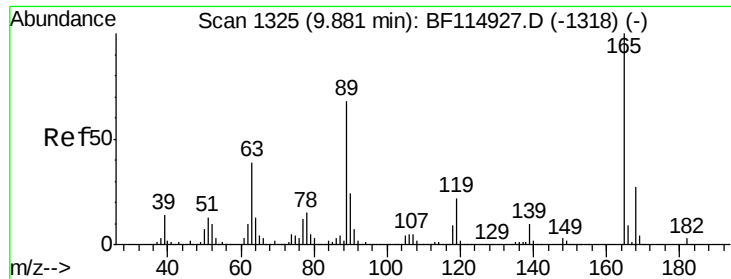
#56
4-Nitrophenol
Concen: 86.756 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Tgt Ion:139 Resp: 738478
Ion Ratio Lower Upper
139 100
109 62.6 40.0 80.0
65 81.2 55.0 95.0



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

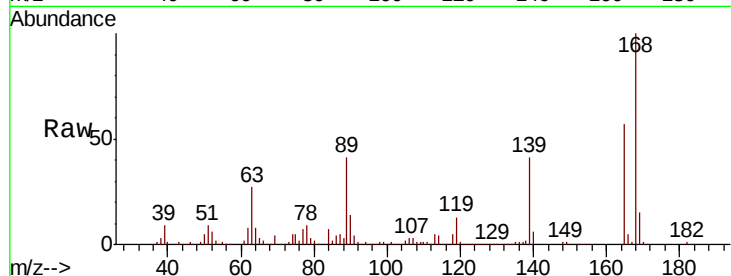




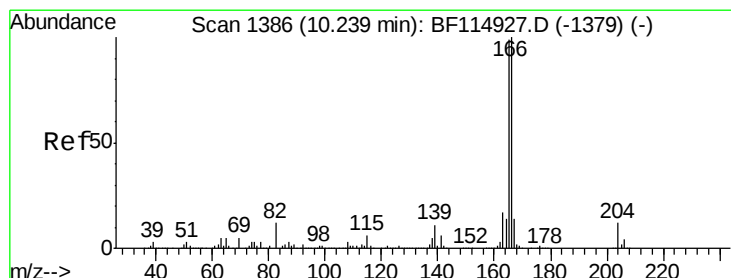
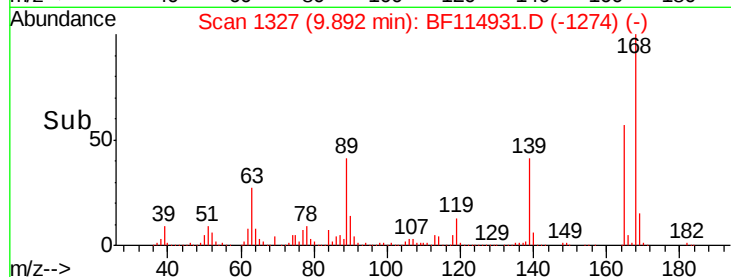
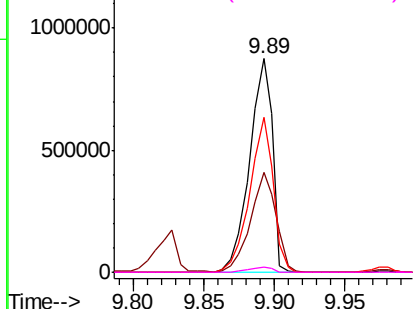
#57
2,4-Dinitrotoluene
Concen: 79.539 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	165	Resp:	994294
Ion	Ratio	Lower	Upper
165	100		
63	47.1	31.8	47.6
89	72.6	54.2	81.2
182	2.6	2.1	3.1

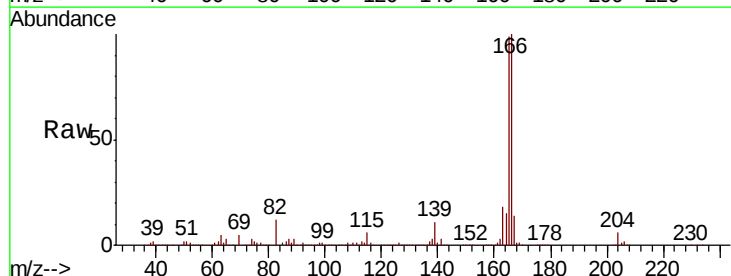


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

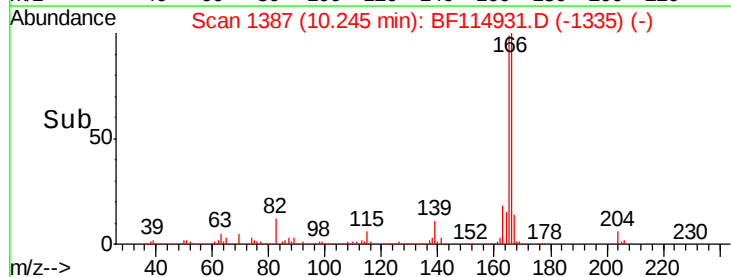
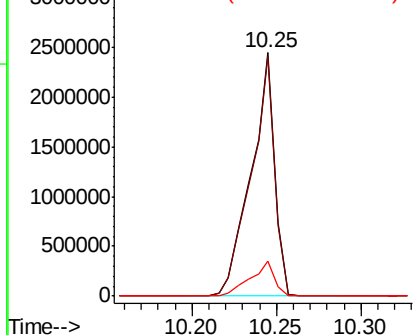


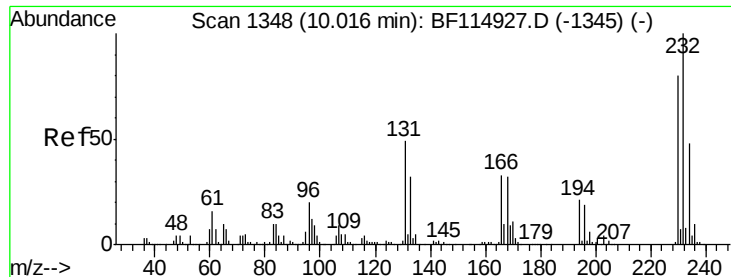
#58
Fluorene
Concen: 69.758 ng
RT: 10.25 min Scan# 1387
Delta R.T. 0.01 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Tgt Ion:	166	Resp:	2409727
Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.2	118.8
167	14.2	11.0	16.6



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

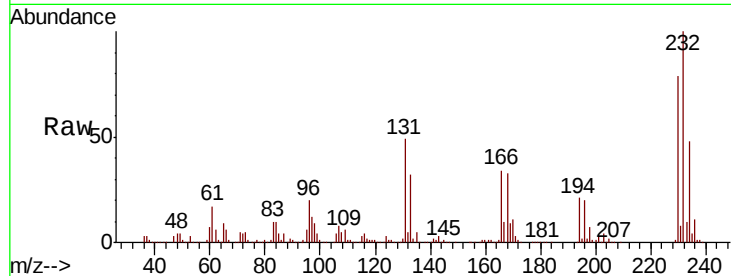




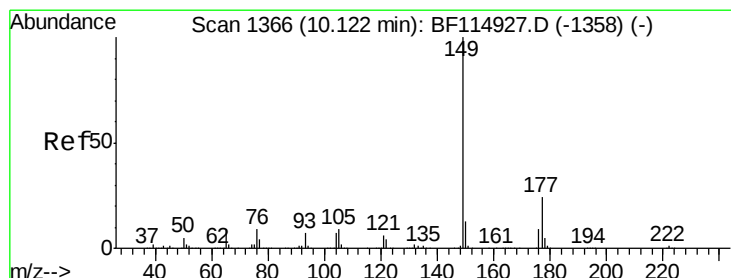
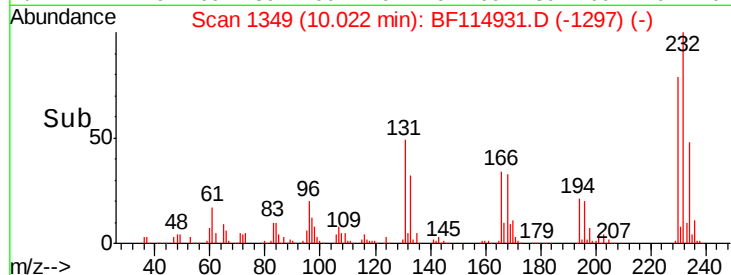
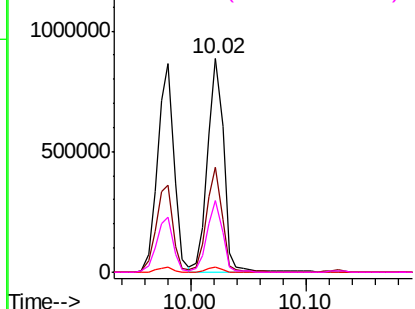
#59
2,3,4,6-Tetrachlorophenol
Concen: 80.335 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 859913
Ion Ratio Lower Upper
232 100
131 47.1 37.0 55.4
130 2.3 1.8 2.6
166 32.0 25.0 37.6

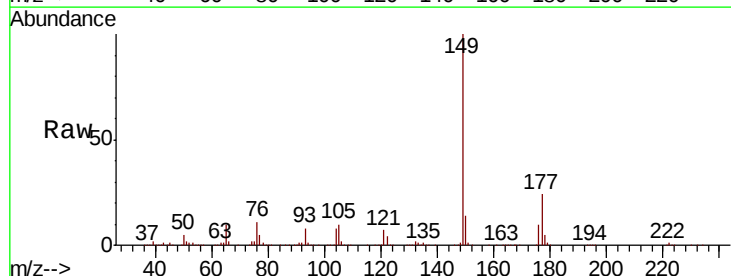


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

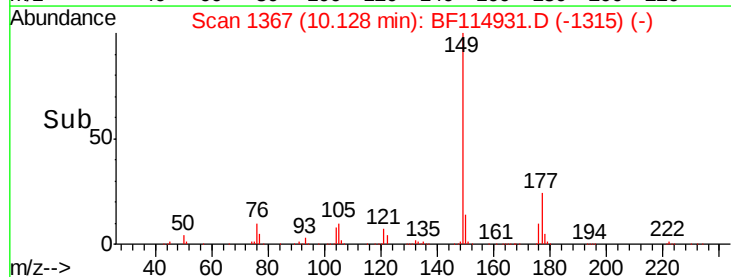
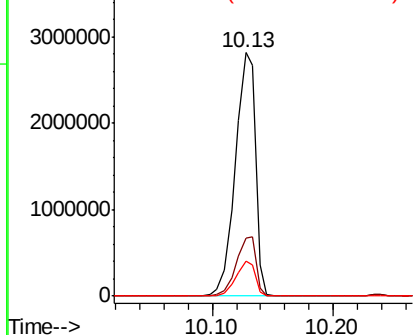


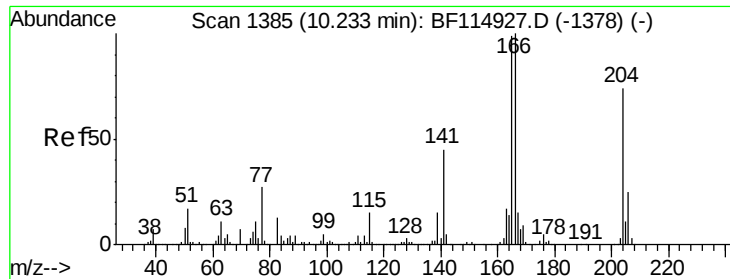
#60
Diethylphthalate
Concen: 77.682 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Tgt Ion:149 Resp: 3295960
Ion Ratio Lower Upper
149 100
177 24.0 19.1 28.7
150 14.2 10.6 16.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

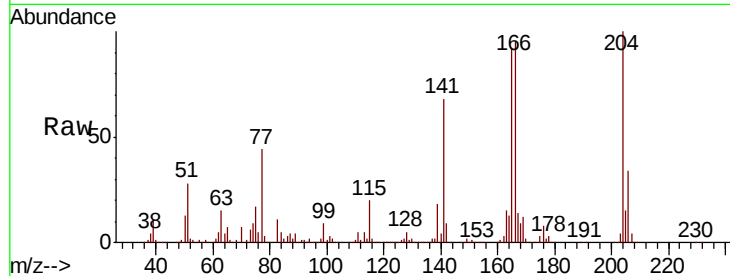




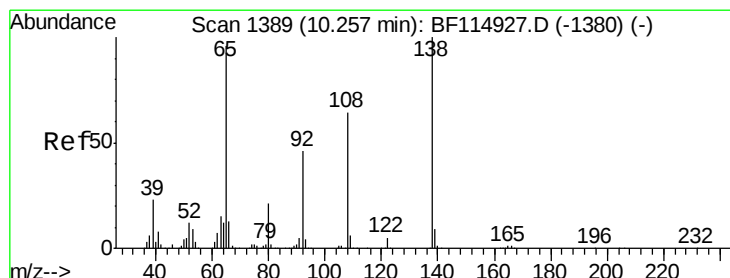
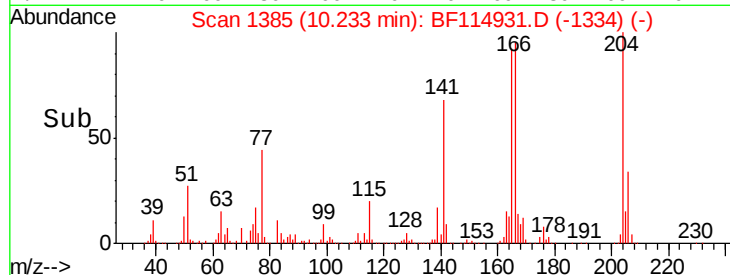
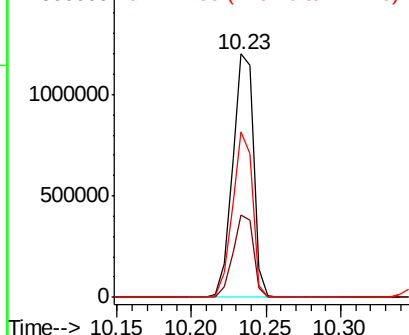
#61
4-Chlorophenyl-phenylether
Concen: 64.331 ng
RT: 10.23 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 1186654
Ion Ratio Lower Upper
204 100
206 33.6 26.8 40.2
141 67.9 48.5 72.7

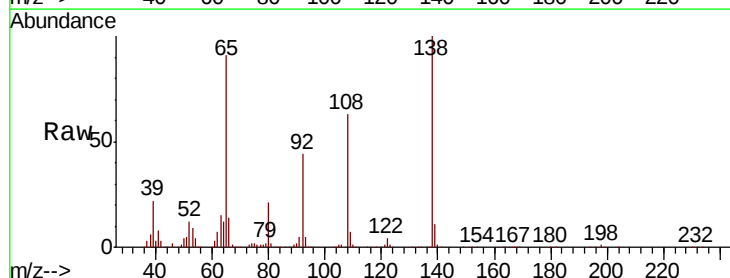


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

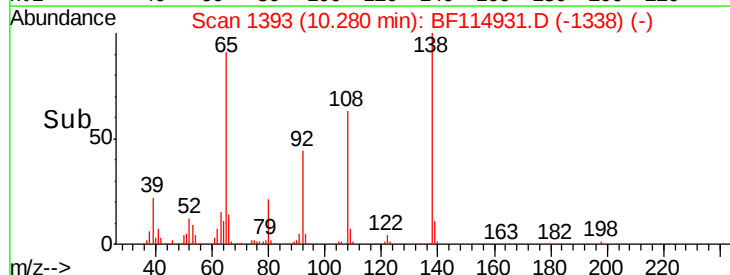
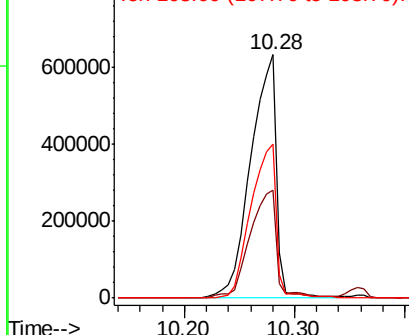


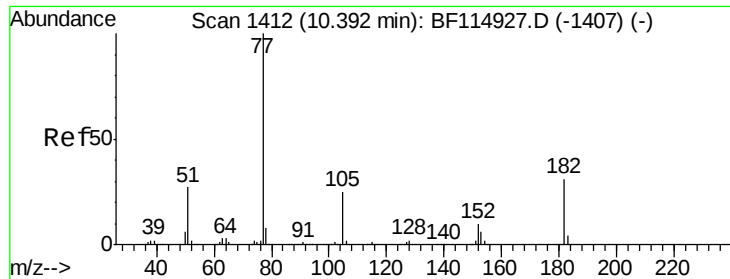
#62
4-Nitroaniline
Concen: 92.826 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.02 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Tgt Ion:138 Resp: 1045882
Ion Ratio Lower Upper
138 100
92 44.5 26.0 66.0
108 63.4 44.0 84.0



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 78.323 ng

RT: 10.40 min Scan# 1413

Delta R.T. 0.01 min

Lab File: BF114931.D

Acq: 10 Jun 2019 13:12

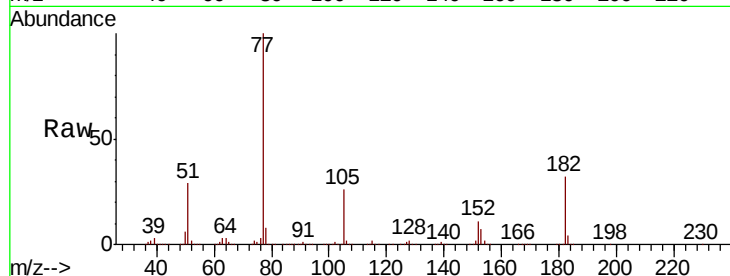
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 2828717

Ion	Ratio	Lower	Upper
77	100		
182	31.5	10.8	50.8
105	26.3	5.3	45.3
51	29.0	6.8	46.8

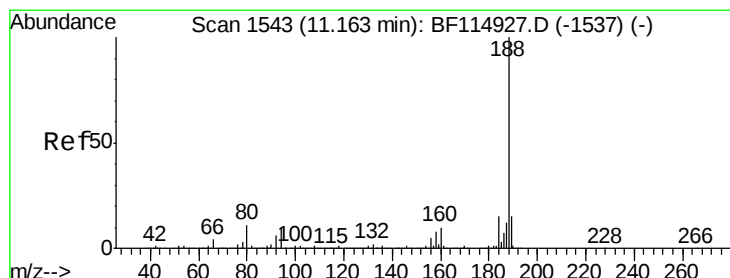
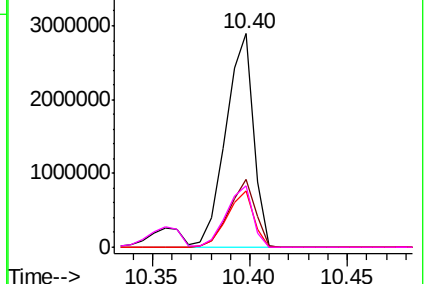
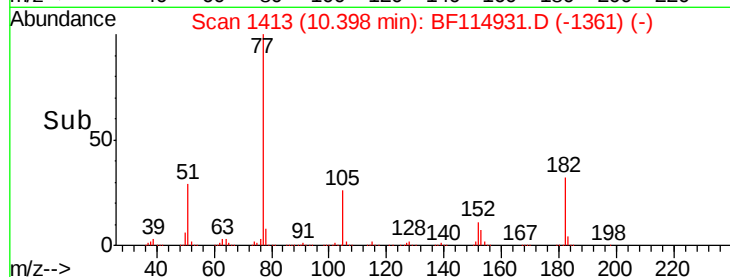


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.17 min Scan# 1544

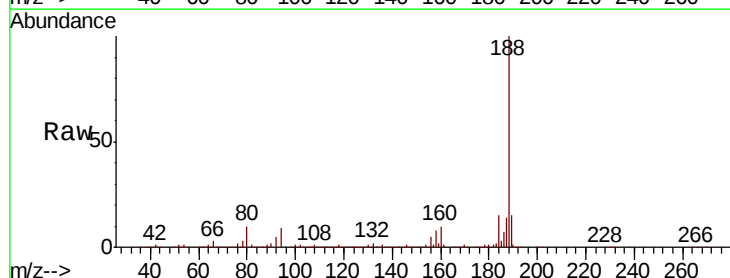
Delta R.T. 0.01 min

Lab File: BF114931.D

Acq: 10 Jun 2019 13:12

Tgt Ion: 188 Resp: 1127136

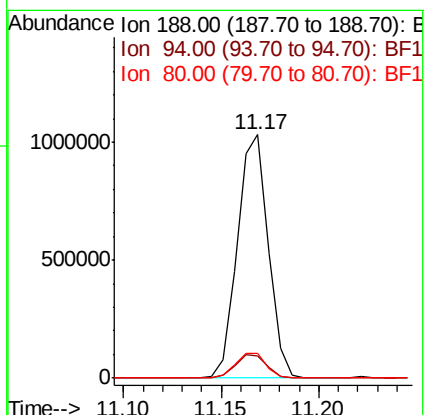
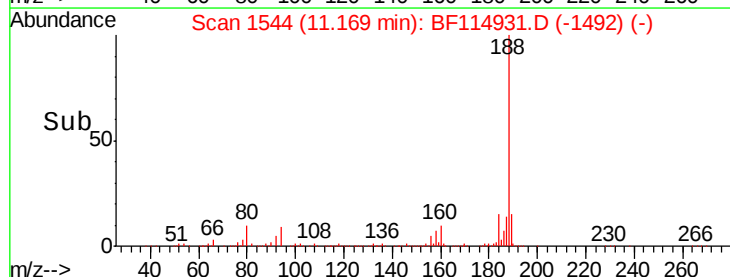
Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.1	12.1
80	10.0	8.6	12.8

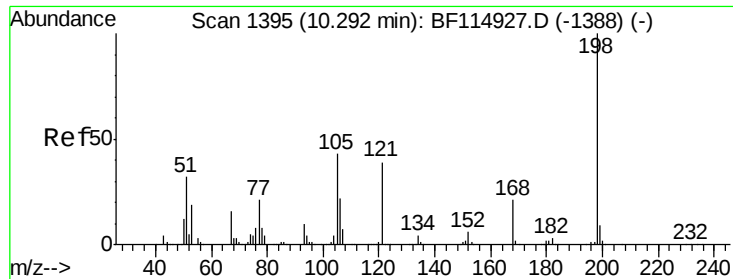


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 101.568 ng

RT: 10.30 min Scan# 1397

Delta R.T. 0.01 min

Lab File: BF114931.D

Acq: 10 Jun 2019 13:12

Instrument :

BNA_F

ClientSampleId :

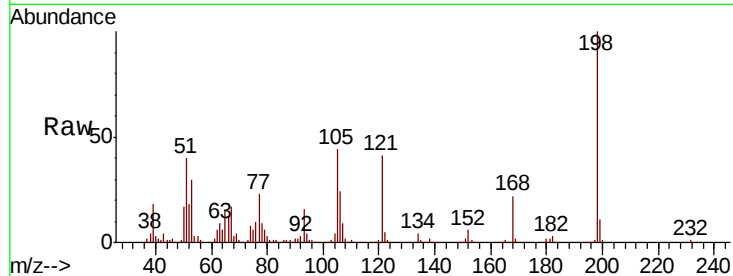
Tot Ion:198 Resp: 594678

Ion Ratio Lower Upper

198 100

51 40.2 16.8 56.8

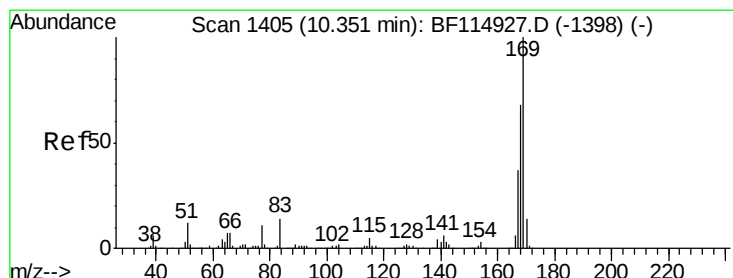
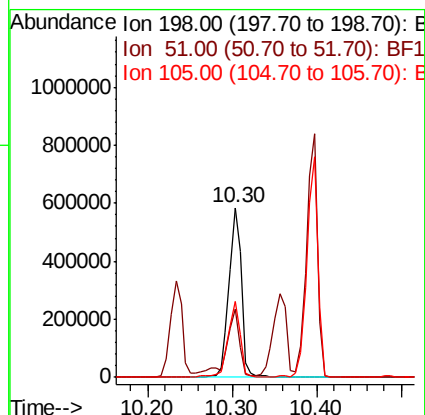
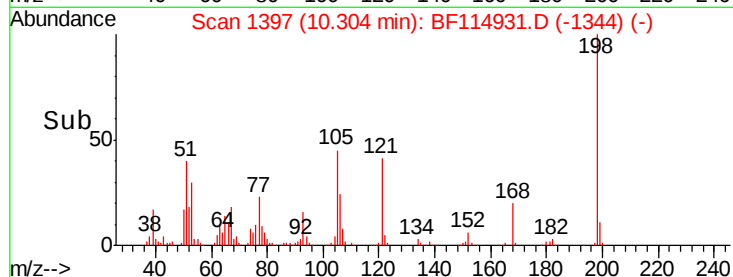
105 44.4 23.5 63.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 75.873 ng

RT: 10.36 min Scan# 1407

Delta R.T. 0.01 min

Lab File: BF114931.D

Acq: 10 Jun 2019 13:12

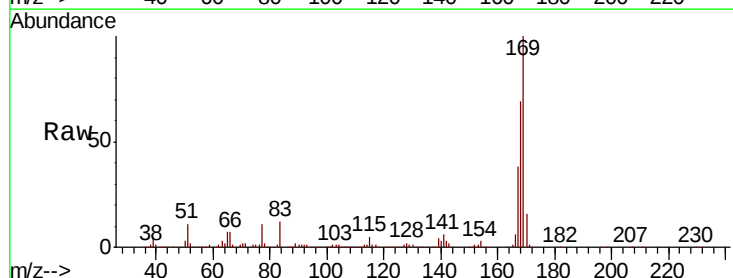
Tgt Ion:169 Resp: 2585921

Ion Ratio Lower Upper

169 100

168 69.1 54.2 81.2

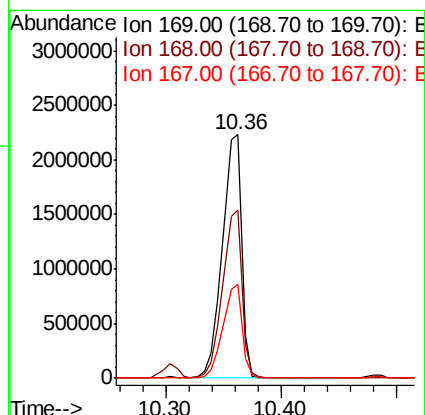
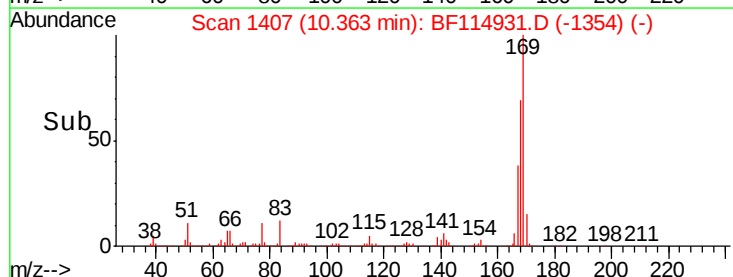
167 38.4 29.4 44.2

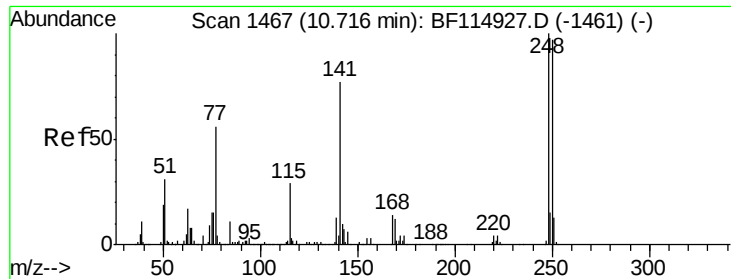


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

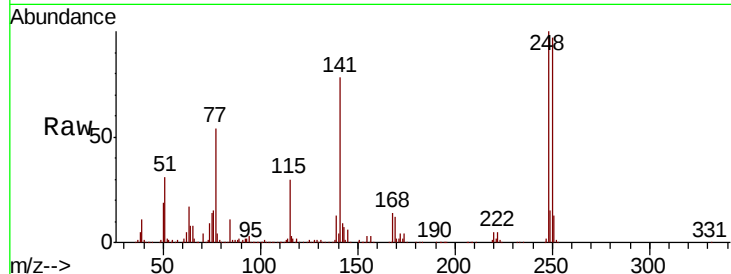




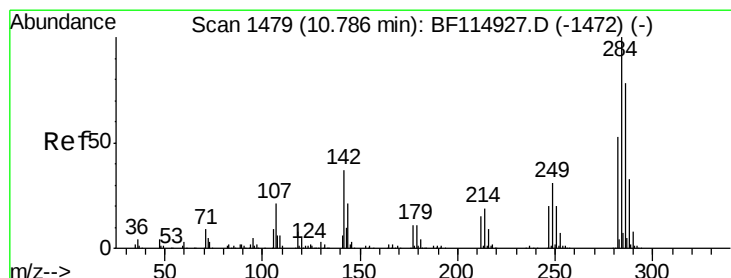
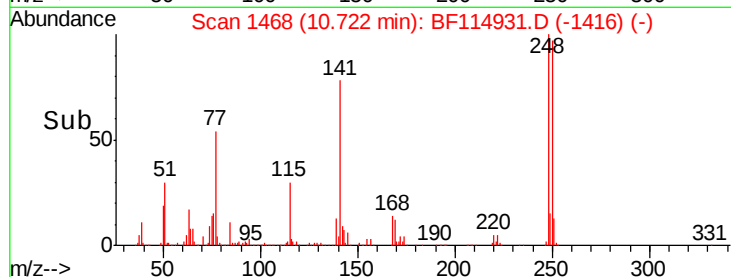
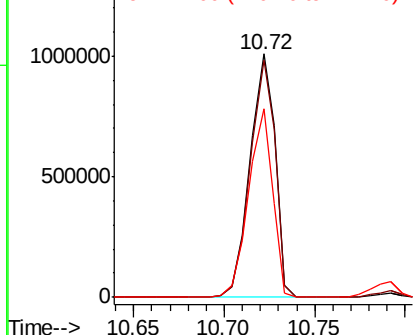
#67
4-Bromophenyl-phenylether
Concen: 75.943 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.01 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 972186
Ion Ratio Lower Upper
248 100
250 97.3 77.4 116.0
141 77.6 61.8 92.6

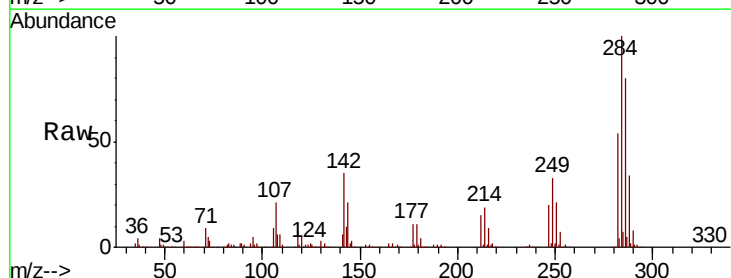


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

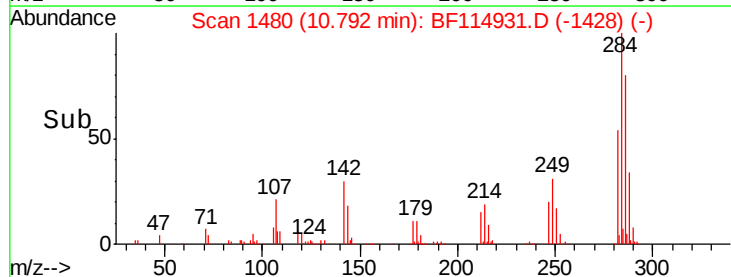
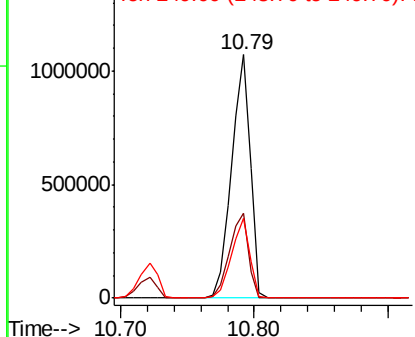


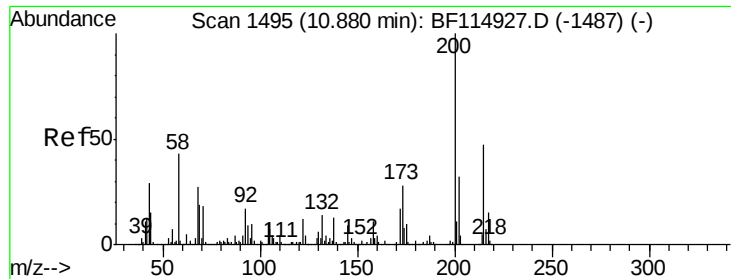
#68
Hexachlorobenzene
Concen: 75.998 ng
RT: 10.79 min Scan# 1480
Delta R.T. 0.01 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Tgt Ion:284 Resp: 1064747
Ion Ratio Lower Upper
284 100
142 34.9 29.3 43.9
249 32.7 25.1 37.7



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

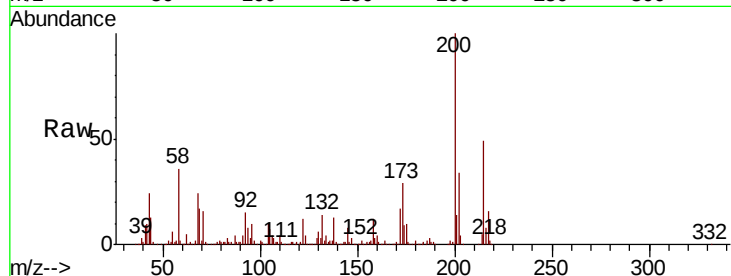




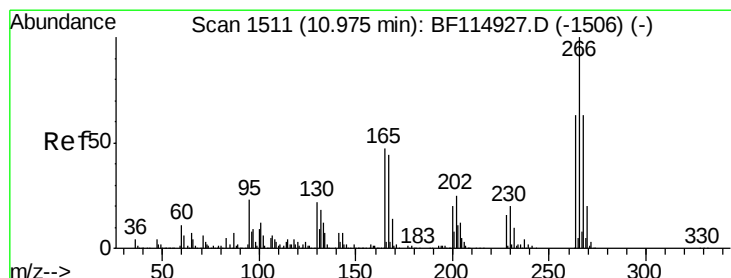
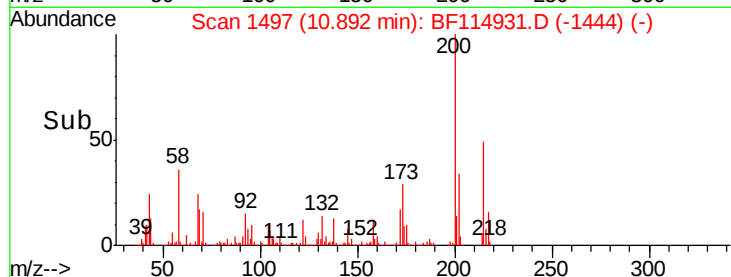
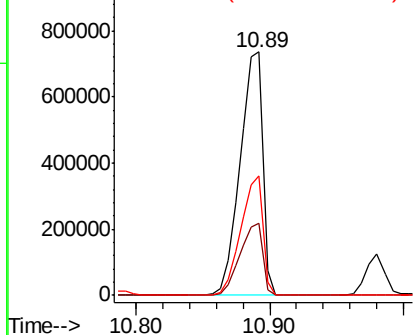
#69
Atrazine
Concen: 73.265 ng
RT: 10.89 min Scan# 1497
Delta R.T. 0.01 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.4	8.3	48.3
215	49.1	26.6	66.6

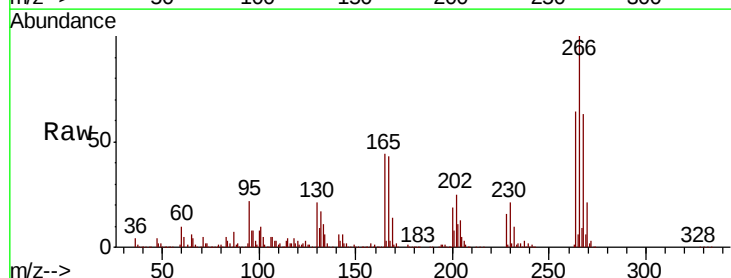


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

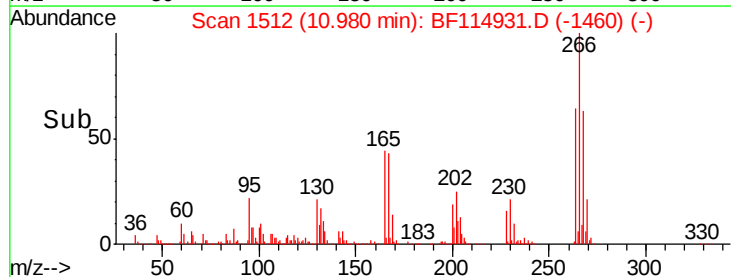
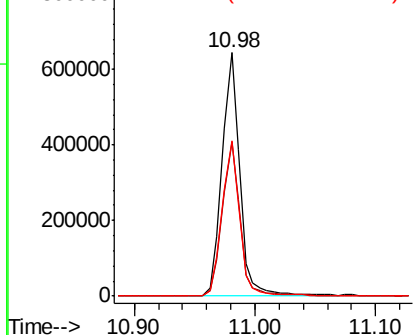


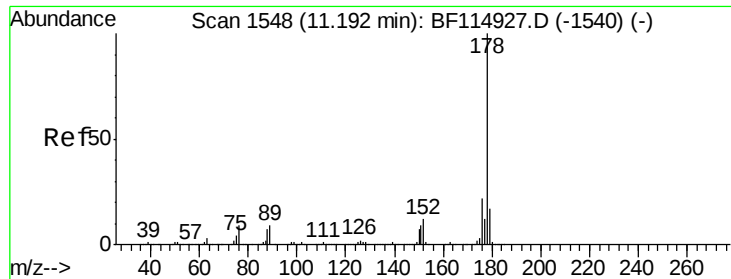
#70
Pentachlorophenol
Concen: 81.295 ng
RT: 10.98 min Scan# 1512
Delta R.T. 0.01 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.4	50.8	76.2
264	64.0	50.4	75.6



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 74.445 ng

RT: 11.20 min Scan# 1549

Delta R.T. 0.01 min

Lab File: BF114931.D

Acq: 10 Jun 2019 13:12

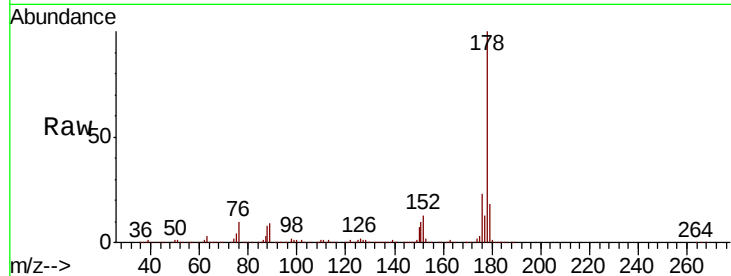
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 4005756

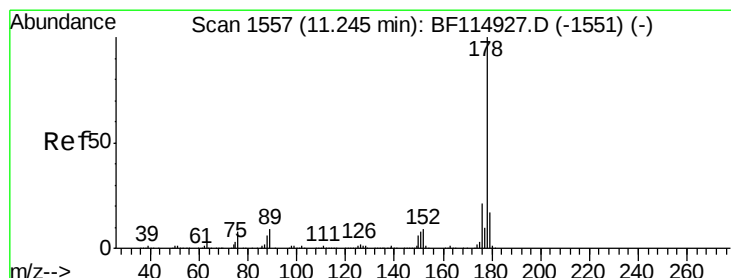
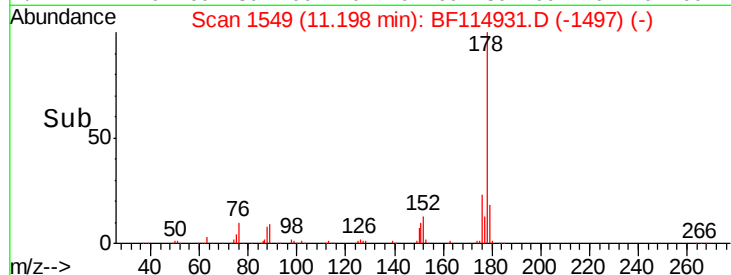
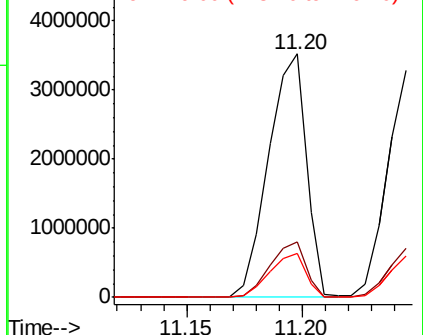
Ion	Ratio	Lower	Upper
178	100		
176	23.0	17.4	26.2
179	18.0	13.6	20.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 71.588 ng

RT: 11.25 min Scan# 1558

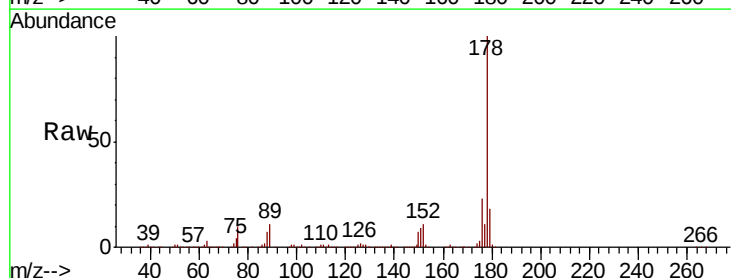
Delta R.T. 0.01 min

Lab File: BF114931.D

Acq: 10 Jun 2019 13:12

Tgt Ion:178 Resp: 4053857

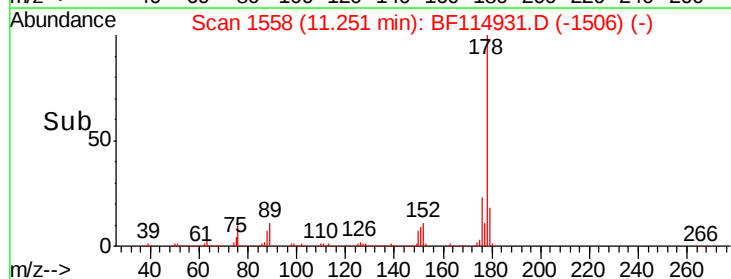
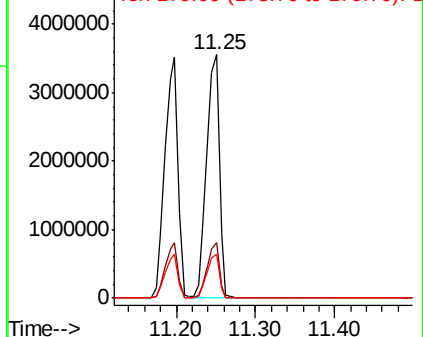
Ion	Ratio	Lower	Upper
178	100		
176	22.6	16.6	25.0
179	18.1	13.4	20.2

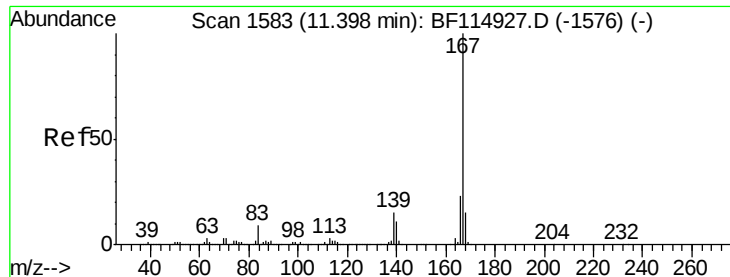


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

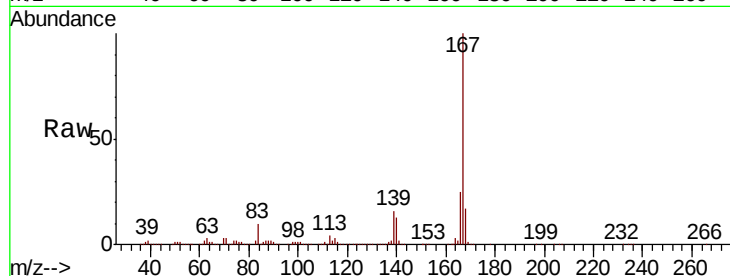




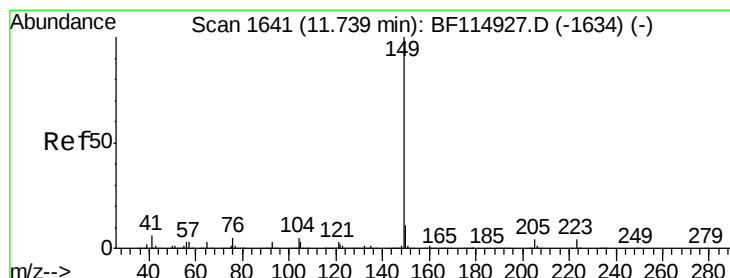
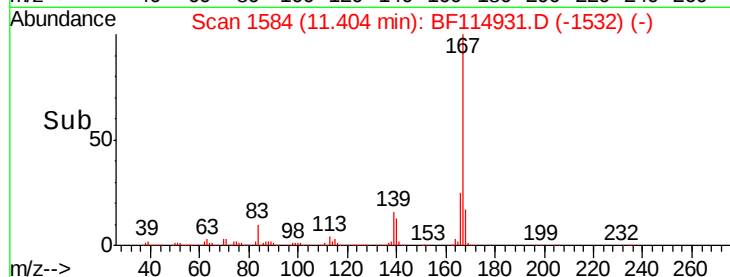
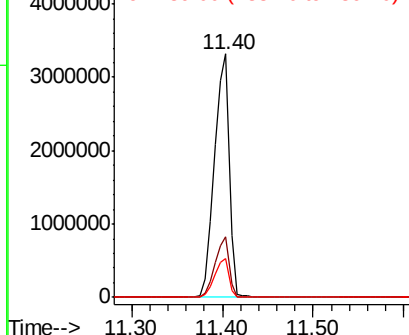
#73
 Carbazole
 Concen: 77.596 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.01 min
 Lab File: BF114931.D
 Acq: 10 Jun 2019 13:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 3766813
 Ion Ratio Lower Upper
 167 100
 166 25.0 18.8 28.2
 139 16.1 11.6 17.4

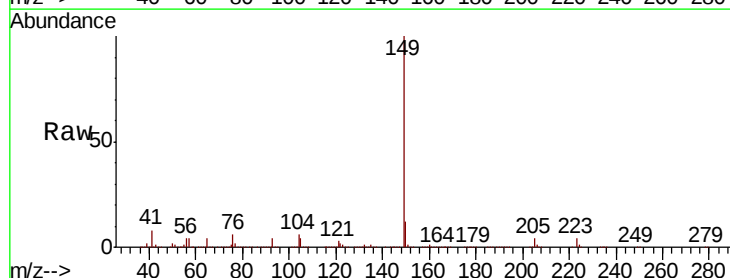


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

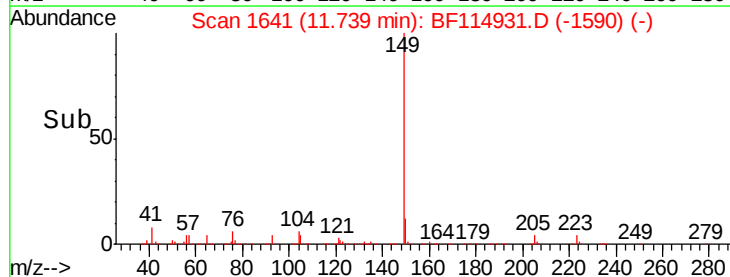
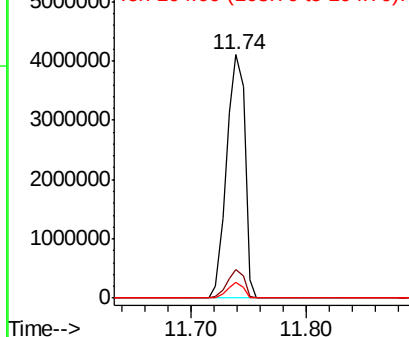


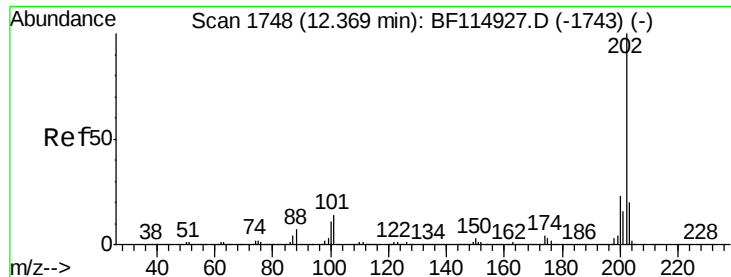
#74
 Di-n-butylphthalate
 Concen: 70.385 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. -0.00 min
 Lab File: BF114931.D
 Acq: 10 Jun 2019 13:12

Tgt Ion:149 Resp: 4493973
 Ion Ratio Lower Upper
 149 100
 150 12.0 8.5 12.7
 104 6.3 4.1 6.1#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 74.535 ng

RT: 12.37 min Scan# 1749

Delta R.T. 0.01 min

Lab File: BF114931.D

Acq: 10 Jun 2019 13:12

Instrument :

BNA_F

ClientSampled :

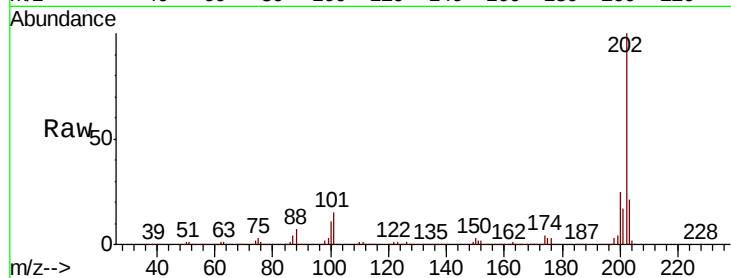
Tot Ion:202 Resp: 4174276

Ion Ratio Lower Upper

202 100

101 14.6 0.0 34.3

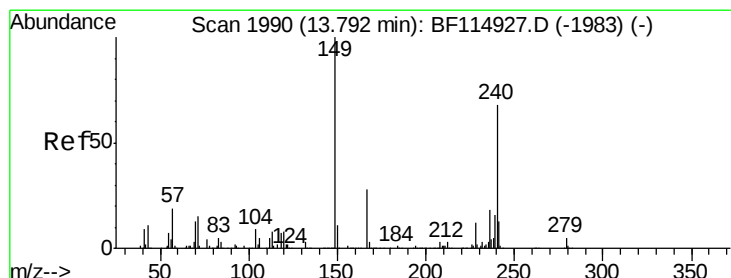
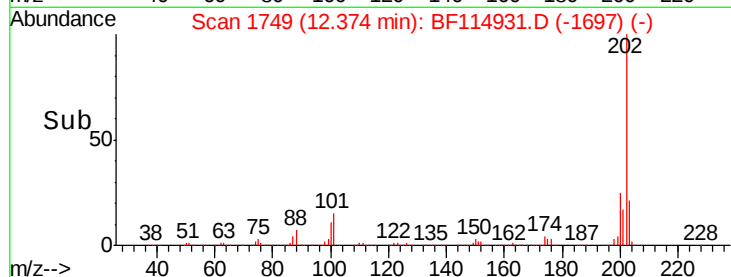
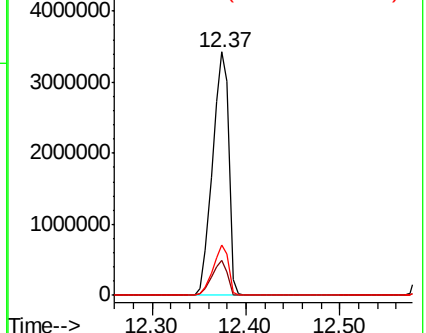
203 20.7 0.0 39.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.79 min Scan# 1990

Delta R.T. -0.00 min

Lab File: BF114931.D

Acq: 10 Jun 2019 13:12

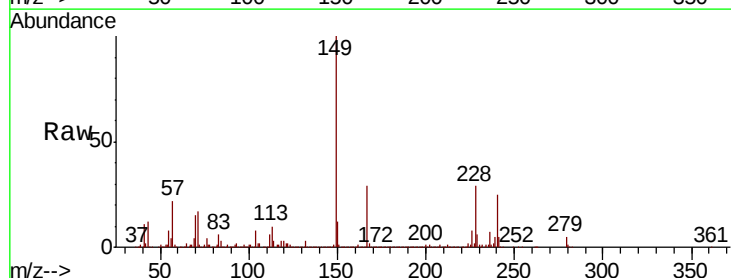
Tgt Ion:240 Resp: 523590

Ion Ratio Lower Upper

240 100

120 12.8 9.2 13.8

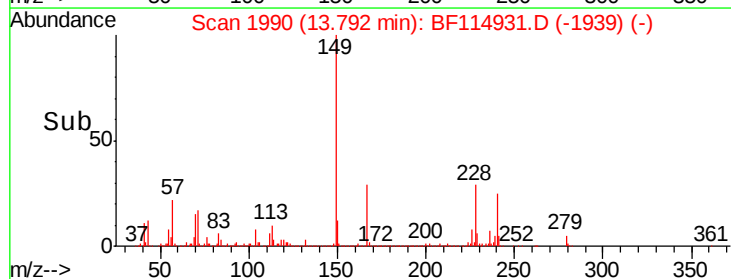
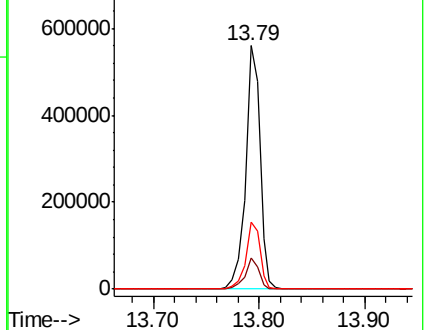
236 27.3 21.7 32.5

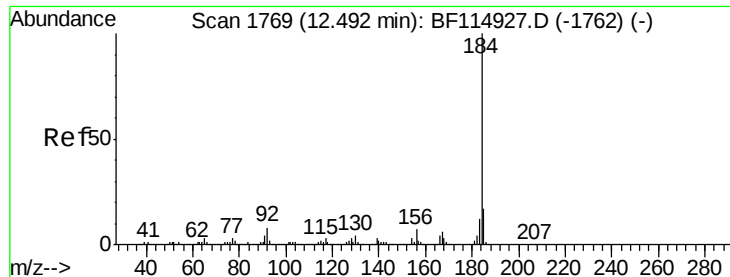


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 63.848 ng

RT: 12.49 min Scan# 1769

Delta R.T. -0.00 min

Lab File: BF114931.D

Acq: 10 Jun 2019 13:12

Instrument :

BNA_F

ClientSampleId :

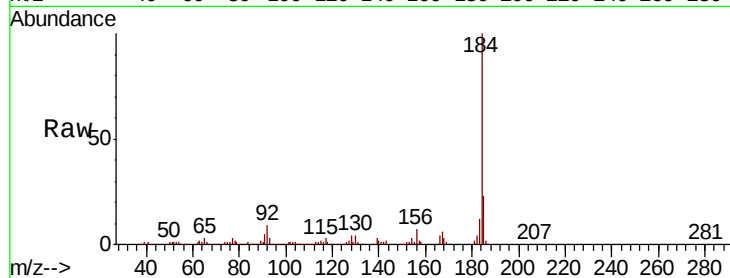
Tot Ion:184 Resp: 1654971

Ion Ratio Lower Upper

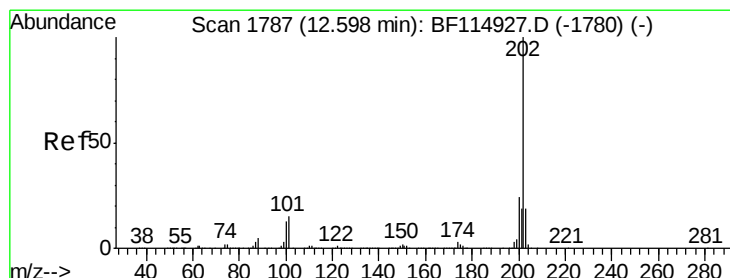
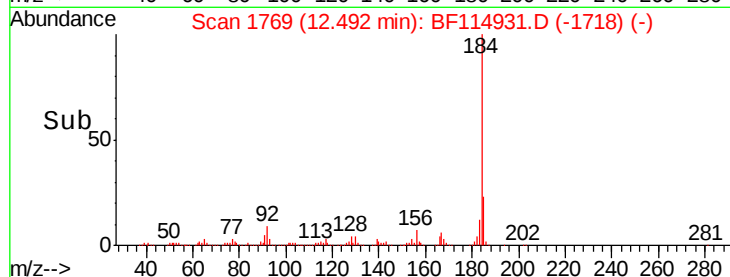
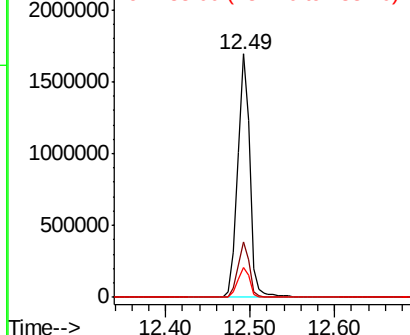
184 100

185 22.7 13.4 20.0#

183 12.2 9.8 14.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 91.327 ng

RT: 12.60 min Scan# 1788

Delta R.T. 0.01 min

Lab File: BF114931.D

Acq: 10 Jun 2019 13:12

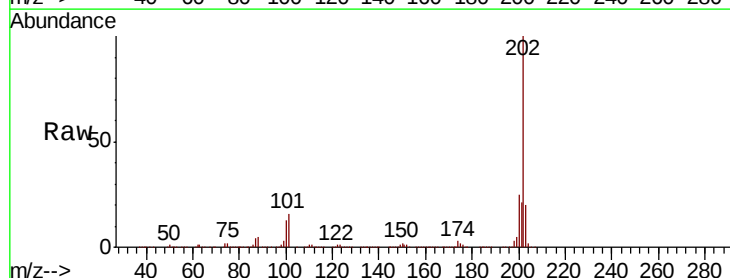
Tgt Ion:202 Resp: 4148244

Ion Ratio Lower Upper

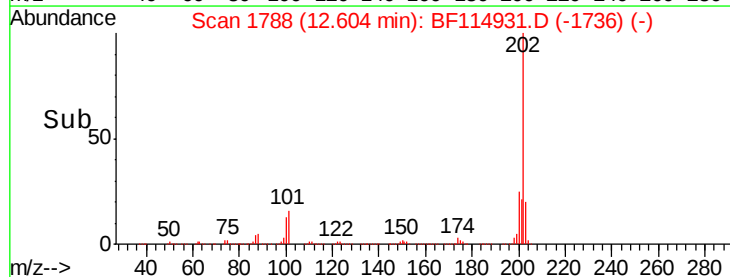
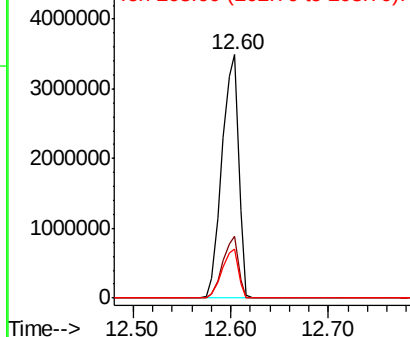
202 100

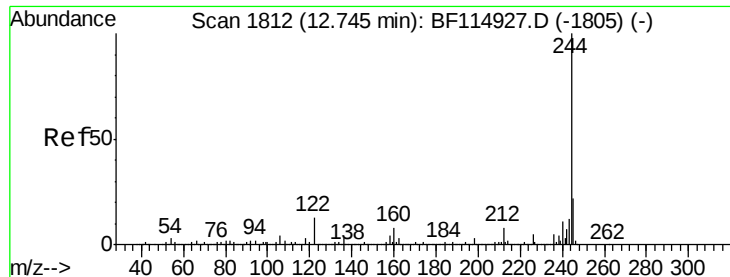
200 25.2 18.9 28.3

203 20.3 15.2 22.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 173.713 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.01 min

Lab File: BF114931.D

Acq: 10 Jun 2019 13:12

Instrument :

BNA_F

ClientSampled :

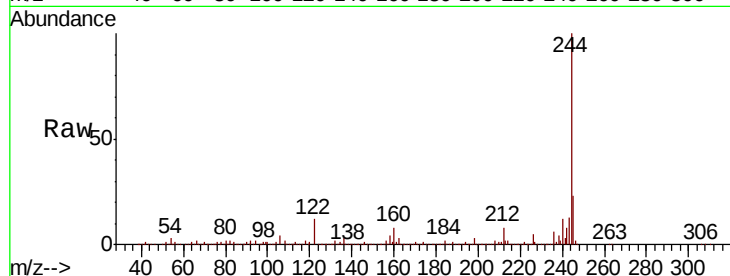
Tot Ion:244 Resp: 4676894

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

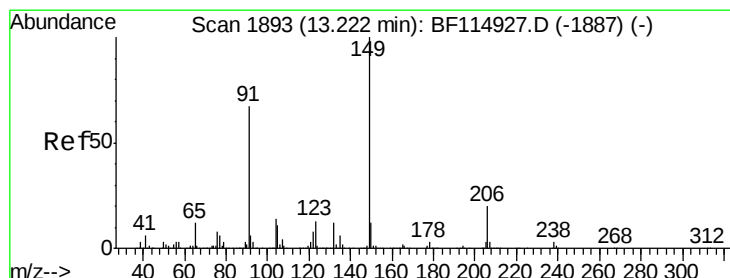
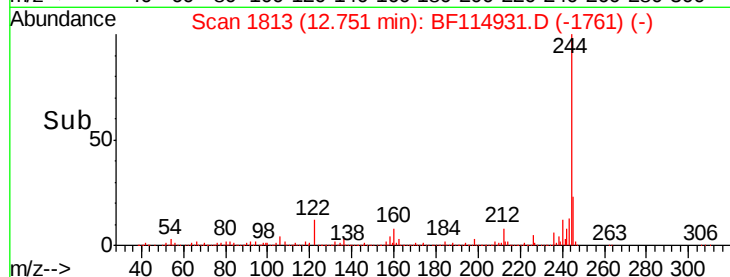
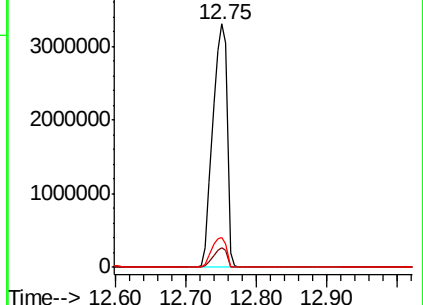
122 12.5 10.2 15.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 92.432 ng

RT: 13.23 min Scan# 1894

Delta R.T. 0.01 min

Lab File: BF114931.D

Acq: 10 Jun 2019 13:12

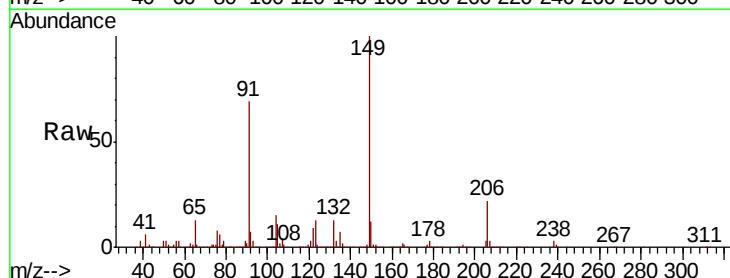
Tgt Ion:149 Resp: 2120124

Ion Ratio Lower Upper

149 100

91 68.6 53.8 80.8

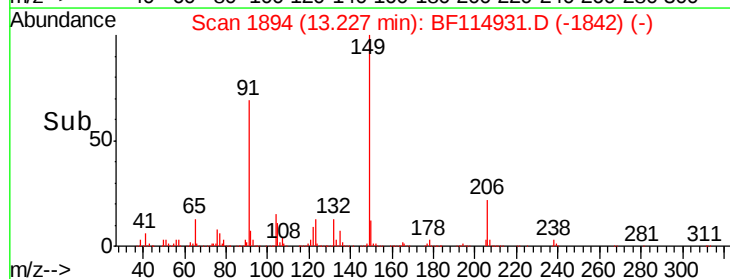
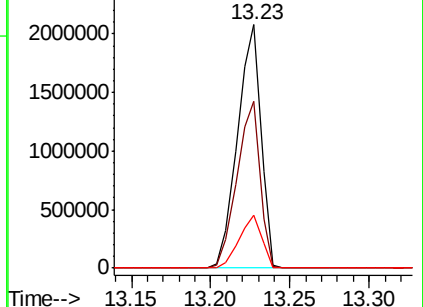
206 21.5 16.3 24.5

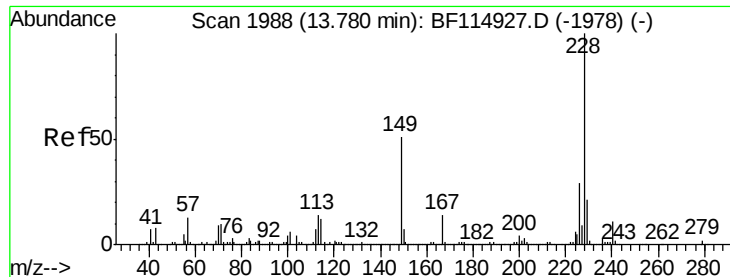


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 82.086 ng

RT: 13.78 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BF114931.D

Acq: 10 Jun 2019 13:12

Instrument :

BNA_F

ClientSampleId :

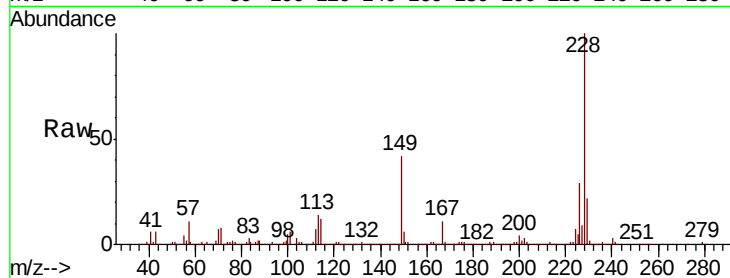
Tot Ion:228 Resp: 3311983

Ion Ratio Lower Upper

228 100

226 29.2 22.8 34.2

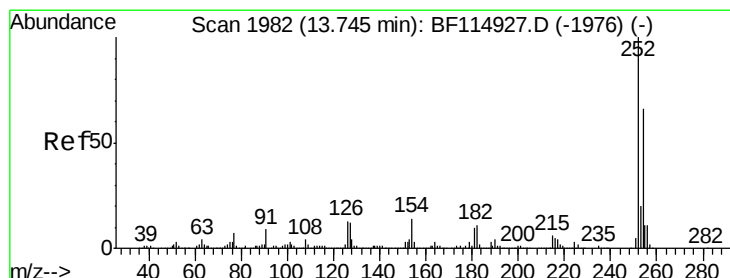
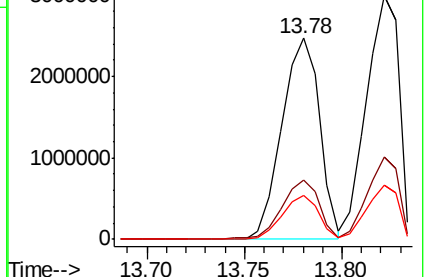
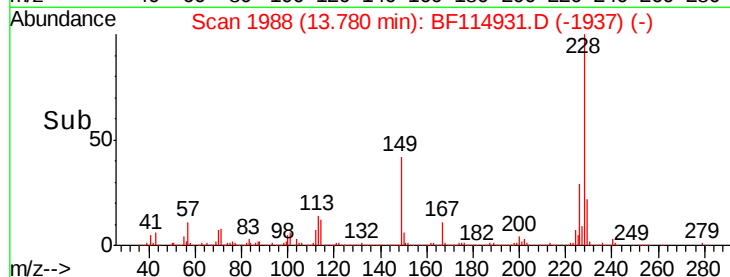
229 21.7 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 78.470 ng

RT: 13.75 min Scan# 1983

Delta R.T. 0.01 min

Lab File: BF114931.D

Acq: 10 Jun 2019 13:12

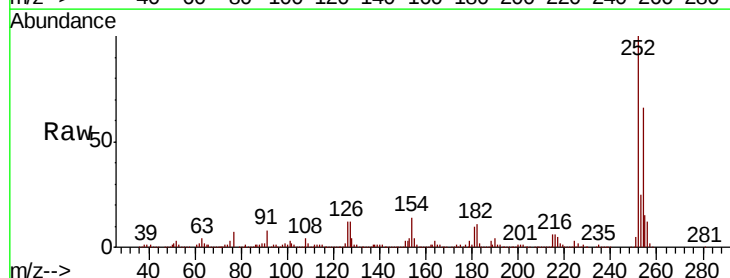
Tgt Ion:252 Resp: 1283819

Ion Ratio Lower Upper

252 100

254 65.6 52.6 78.8

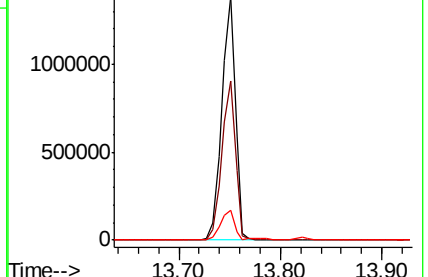
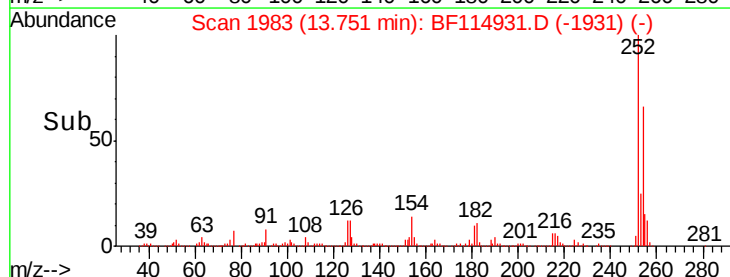
126 12.0 10.4 15.6

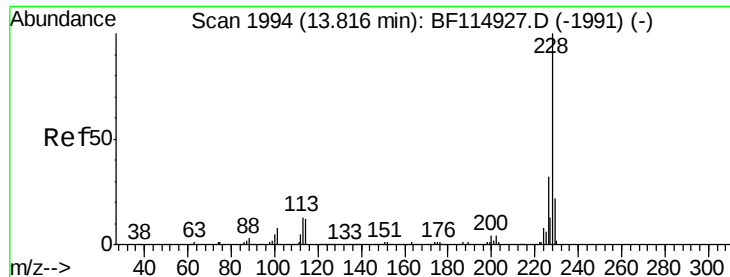


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 88.299 ng

RT: 13.82 min Scan# 1995

Delta R.T. 0.01 min

Lab File: BF114931.D

Acq: 10 Jun 2019 13:12

Instrument :

BNA_F

ClientSampleId :

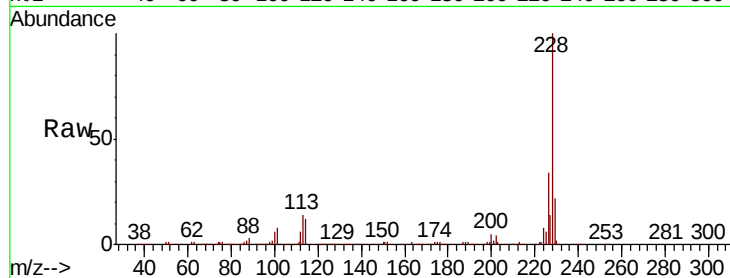
Tot Ion:228 Resp: 3465761

Ion Ratio Lower Upper

228 100

226 34.1 25.8 38.8

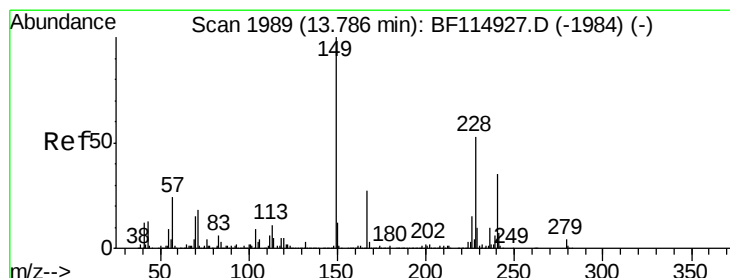
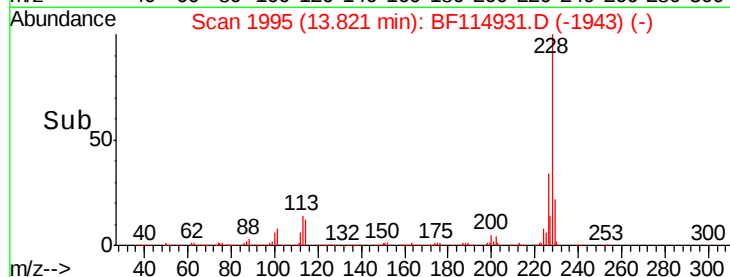
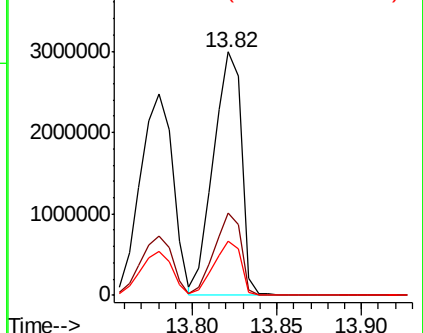
229 22.2 17.2 25.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 77.403 ng

RT: 13.79 min Scan# 1990

Delta R.T. 0.01 min

Lab File: BF114931.D

Acq: 10 Jun 2019 13:12

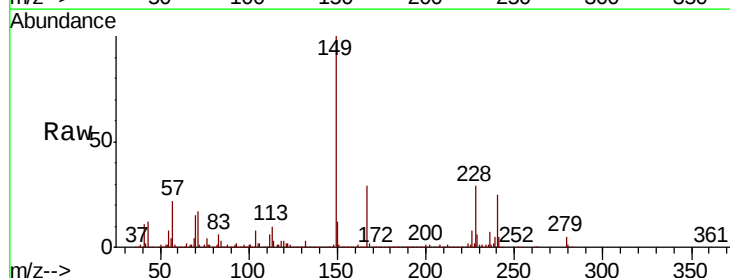
Tgt Ion:149 Resp: 2244990

Ion Ratio Lower Upper

149 100

167 28.7 21.9 32.9

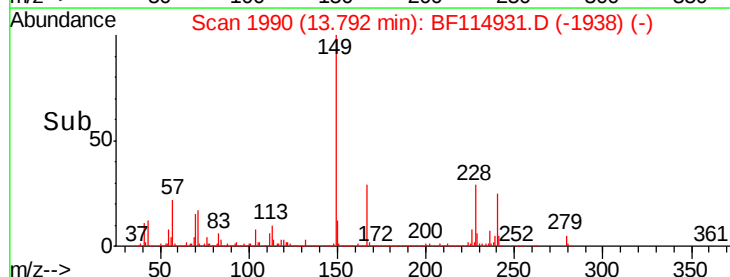
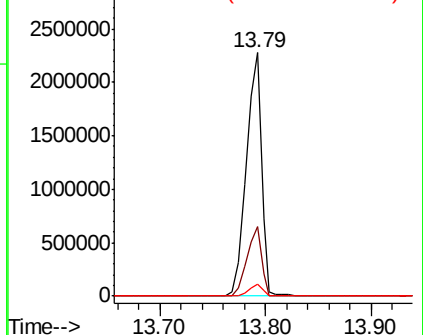
279 4.8 3.2 4.8#

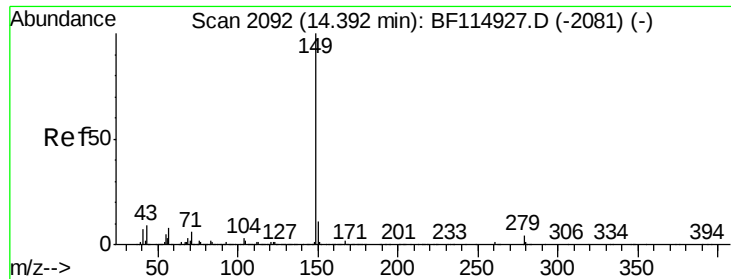


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 81.624 ng

RT: 14.40 min Scan# 2093

Delta R.T. 0.01 min

Lab File: BF114931.D

Acq: 10 Jun 2019 13:12

Instrument :

BNA_F

ClientSampleId :

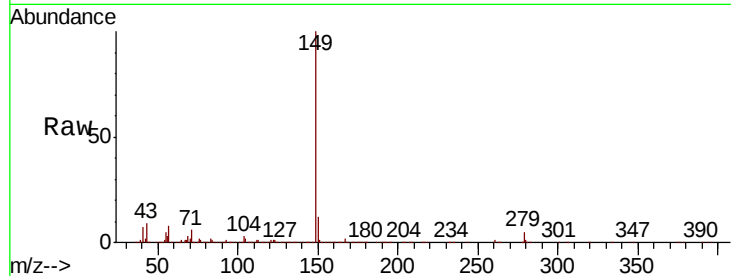
Tot Ion:149 Resp: 4022636

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

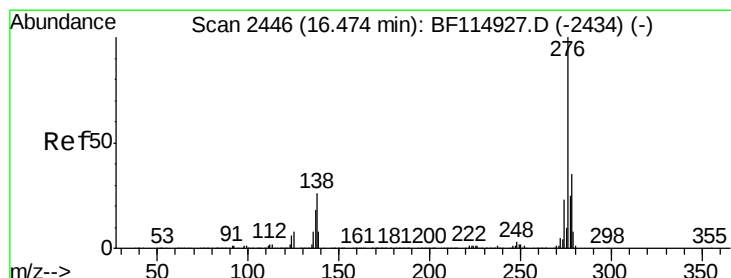
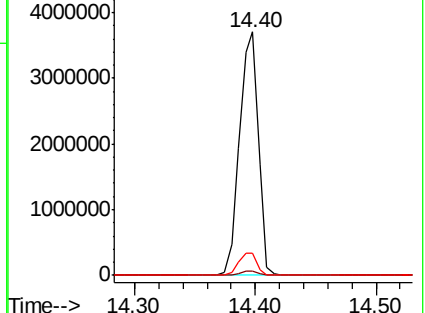
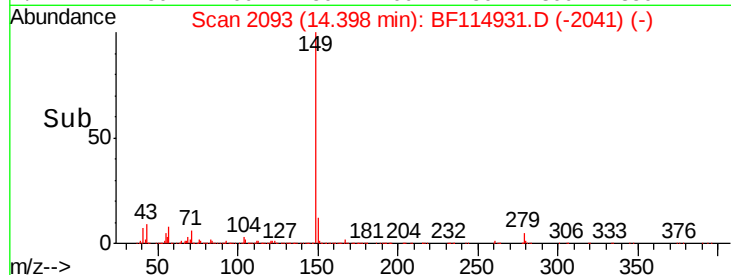
43 9.0 6.8 10.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 77.635 ng

RT: 16.49 min Scan# 2448

Delta R.T. 0.01 min

Lab File: BF114931.D

Acq: 10 Jun 2019 13:12

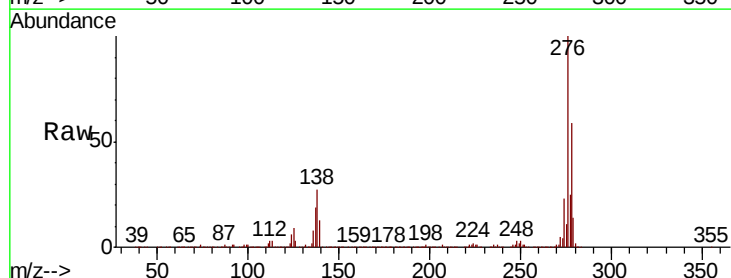
Tgt Ion:276 Resp: 3476819

Ion Ratio Lower Upper

276 100

138 28.7 23.3 34.9

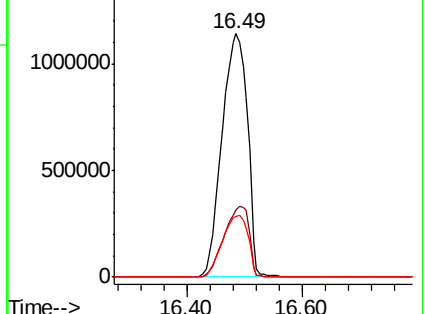
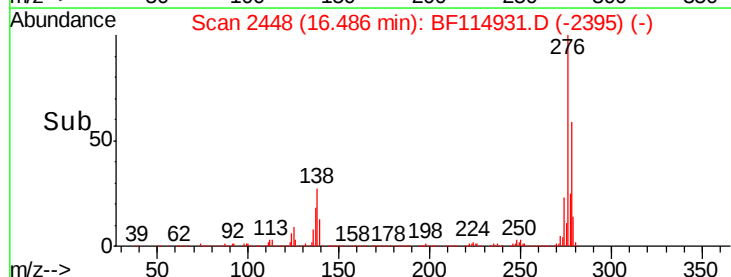
277 25.7 20.5 30.7

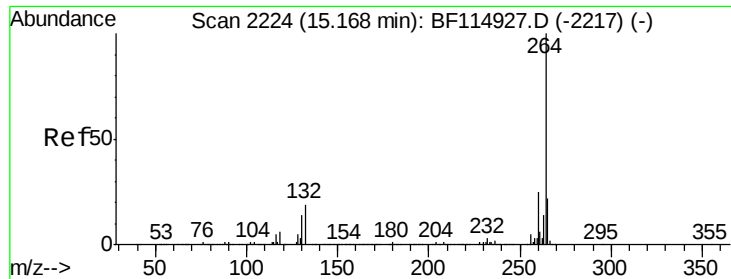


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



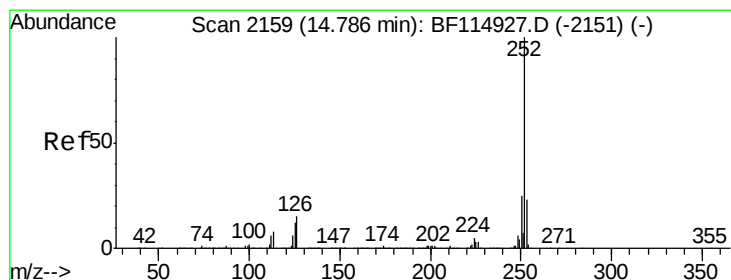
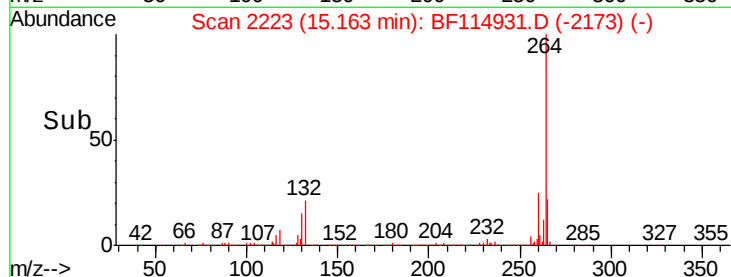
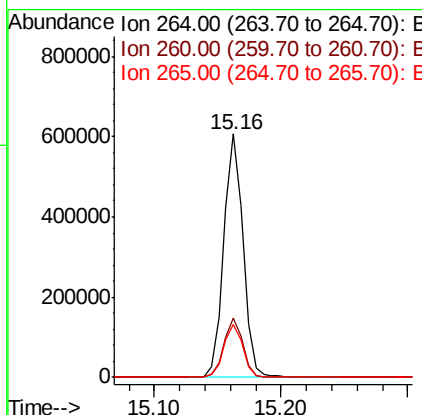
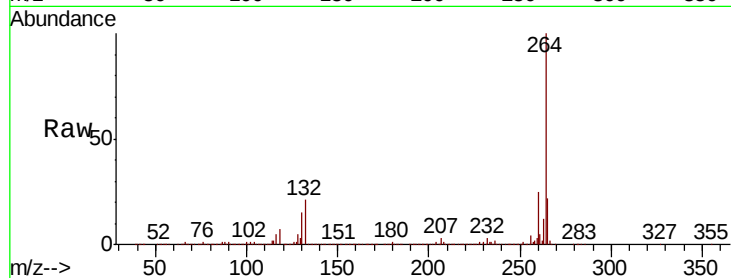


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 640291

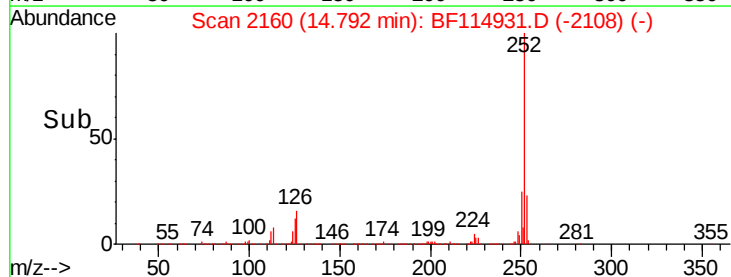
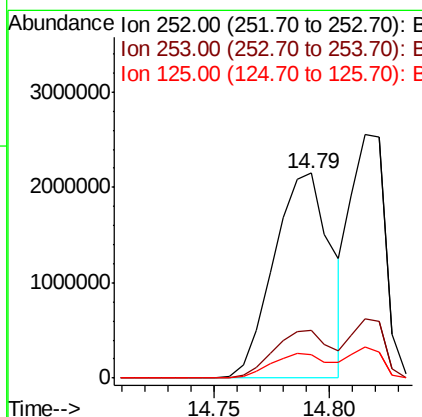
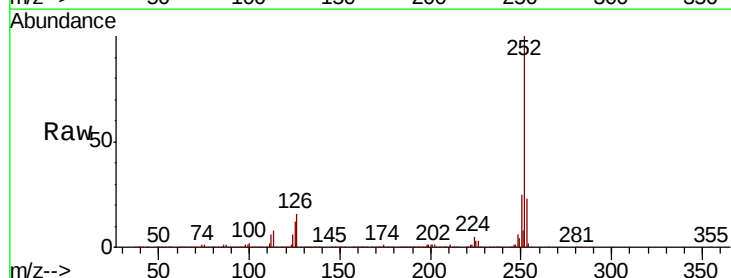
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.7	29.5
265	21.6	17.5	26.3

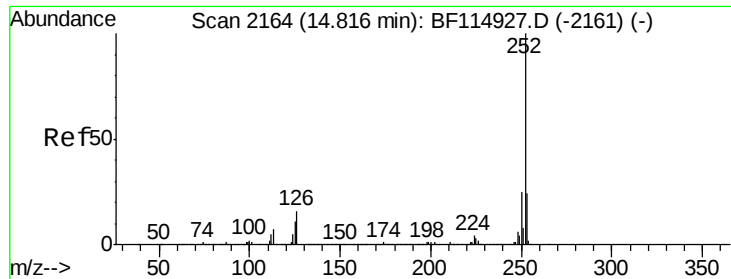


#88
Benzo(b)fluoranthene
Concen: 90.494 ng
RT: 14.79 min Scan# 2160
Delta R.T. 0.01 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Tgt Ion:252 Resp: 3688695

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.6	28.0
125	11.6	9.5	14.3

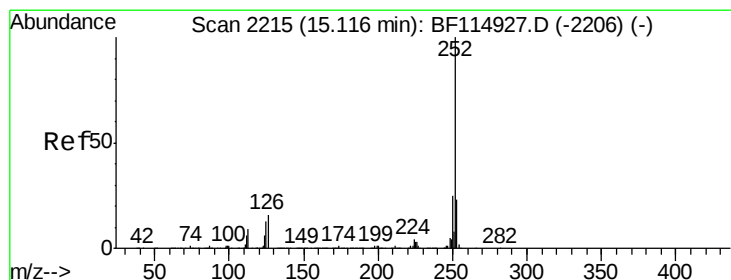
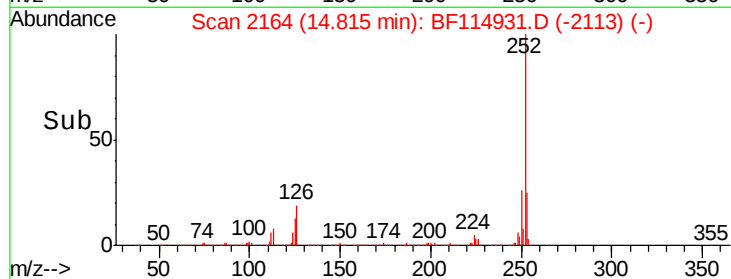
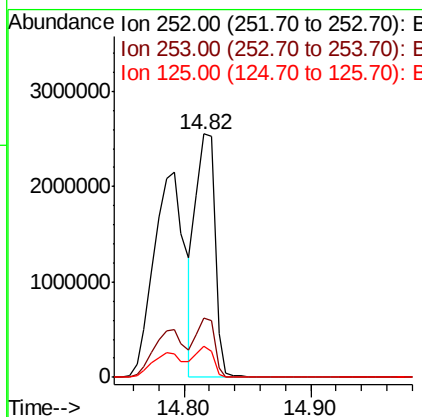
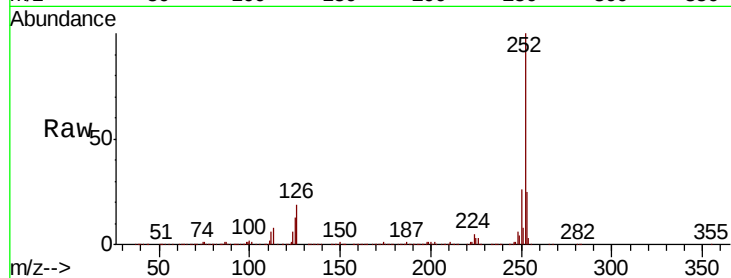




#89
Benzo(k)fluoranthene
Concen: 77.079 ng
RT: 14.82 min Scan# 2164
Delta R.T. -0.00 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

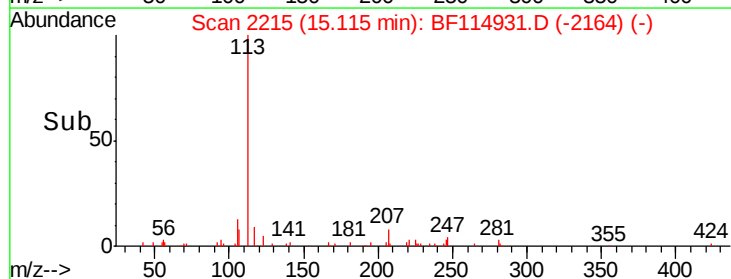
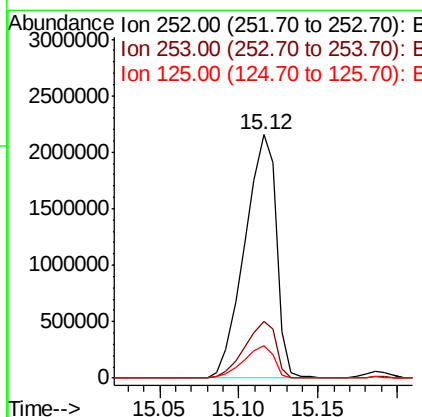
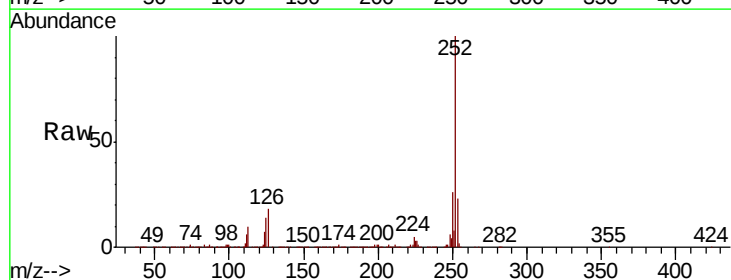
Instrument :
BNA_F
ClientSampleId :

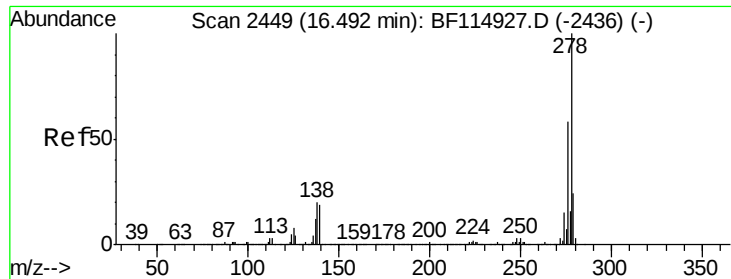
Tot Ion:252 Resp: 2668136
Ion Ratio Lower Upper
252 100
253 24.6 18.6 28.0
125 12.7 9.2 13.8



#90
Benzo(a)pyrene
Concen: 85.063 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Tgt Ion:252 Resp: 3001118
Ion Ratio Lower Upper
252 100
253 23.3 18.2 27.2
125 13.5 10.1 15.1



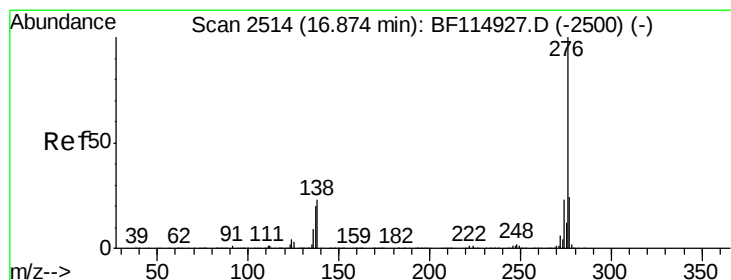
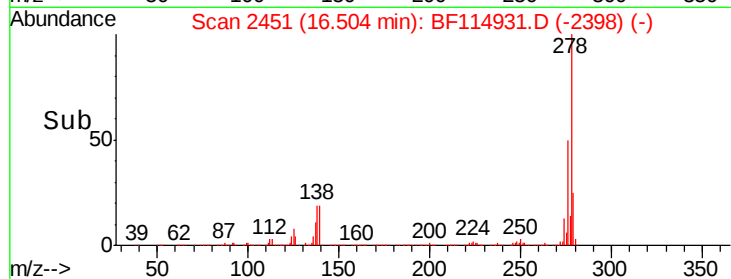
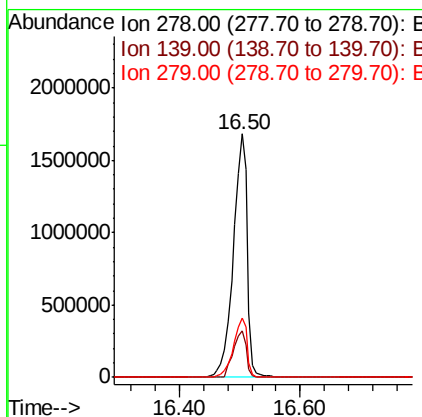
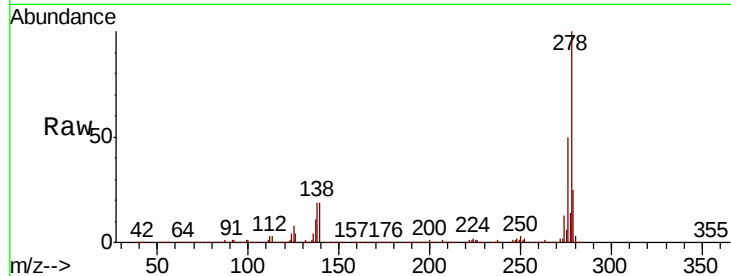


#91
Dibenzo(a,h)anthracene
Concen: 81.082 ng
RT: 16.50 min Scan# 2451
Delta R.T. 0.01 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 2709073

Ion	Ratio	Lower	Upper
278	100		
139	19.3	15.1	22.7
279	24.6	19.6	29.4



#92
Benzo(g,h,i)perylene
Concen: 87.406 ng
RT: 16.88 min Scan# 2515
Delta R.T. 0.01 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Tgt Ion:276 Resp: 2936778

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.0	28.6
138	25.9	18.7	28.1

