

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061019\
 Data File : BF114930.D
 Acq On : 10 Jun 2019 12:45
 Operator : HP/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 10 13:31:18 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	288863	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1192179	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	593108	20.00	ng	0.00
64) Phenanthrene-d10	11.16	188	1170189	20.00	ng	0.00
76) Chrysene-d12	13.79	240	612888	20.00	ng	0.00
87) Perylene-d12	15.16	264	781218	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	2394278	144.83	ng	0.00
7) Phenol-d6	6.32	99	2828480	140.61	ng	0.00
23) Nitrobenzene-d5	7.23	82	2746966	141.84	ng	0.00
42) 2,4,6-Tribromophenol	10.48	330	882969	138.14	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	4138570	130.71	ng	0.00
79) Terphenyl-d14	12.75	244	4334058	137.52	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.28	88	603647	76.480	ng	100
3) Pyridine	2.96	79	1733288	79.906	ng	99
4) n-Nitrosodimethylamine	2.93	42	621129	78.239	ng	99
6) Aniline	6.33	93	1911668	66.975	ng	# 71
8) 2-Chlorophenol	6.45	128	1363720	71.397	ng	95
9) Benzaldehyde	6.20	77	711670	51.004	ng	98
10) Phenol	6.33	94	1603691	69.716	ng	96
11) bis(2-Chloroethyl)ether	6.41	93	1315636	73.284	ng	99
12) 1,3-Dichlorobenzene	6.60	146	1586628	71.287	ng	98
13) 1,4-Dichlorobenzene	6.68	146	1580592	70.577	ng	98
14) 1,2-Dichlorobenzene	6.84	146	1379665	68.213	ng	99
15) Benzyl Alcohol	6.82	79	1014644	66.701	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.95	45	1769169	68.904	ng	97
17) 2-Methylphenol	6.93	107	1182524	72.429	ng	97
18) Hexachloroethane	7.17	117	599809	71.156	ng	98
19) n-Nitroso-di-n-propylamine	7.10	70	918181	68.955	ng	99
20) 3+4-Methylphenols	7.09	107	1211100	67.254	ng	99
22) Acetophenone	7.08	105	1852266	70.569	ng	# 96
24) Nitrobenzene	7.25	77	1442102	71.878	ng	99
25) Isophorone	7.50	82	2741653	71.608	ng	100
26) 2-Nitrophenol	7.56	139	818491	75.323	ng	95
27) 2,4-Dimethylphenol	7.62	122	1159495	70.204	ng	99
28) bis(2-Chloroethoxy)methane	7.70	93	1708324	69.801	ng	100
29) 2,4-Dichlorophenol	7.81	162	1212740	69.793	ng	97
30) 1,2,4-Trichlorobenzene	7.89	180	1363470	68.386	ng	99
31) Naphthalene	7.97	128	3630177	67.636	ng	97
32) Benzoic acid	7.78	122	984188	81.816	ng	99
33) 4-Chloroaniline	8.02	127	1774622	69.308	ng	99
34) Hexachlorobutadiene	8.09	225	764326	67.429	ng	99
35) Caprolactam	8.42	113	368397	64.901	ng	96
36) 4-Chloro-3-methylphenol	8.52	107	1231731	71.237	ng	96
37) 2-Methylnaphthalene	8.66	142	2513647	67.521	ng	97
38) 1-Methylnaphthalene	8.76	142	2358699	66.810	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	1134799	66.392	ng	100

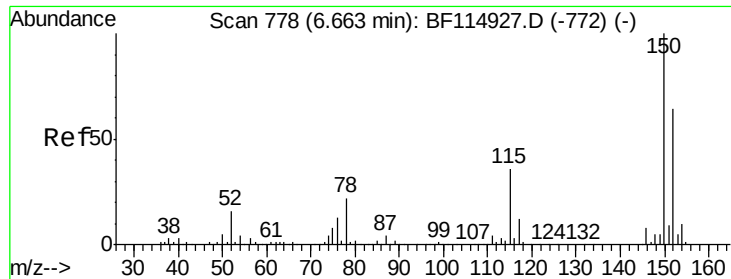
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061019\
 Data File : BF114930.D
 Acq On : 10 Jun 2019 12:45
 Operator : HP/JU
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	723814	69.823	nq	100
43) 2,4,6-Trichlorophenol	8.94	196	921586	69.340	nq	98
44) 2,4,5-Trichlorophenol	8.98	196	942754	70.432	nq	99
46) 1,1'-Biphenyl	9.12	154	2878028	65.472	nq	99
47) 2-Chloronaphthalene	9.15	162	2527563	67.668	nq	98
48) 2-Nitroaniline	9.24	65	823914	73.915	nq	92
49) Acenaphthylene	9.56	152	3592223	66.317	nq	97
50) Dimethylphthalate	9.43	163	3070067	70.872	nq	99
51) 2,6-Dinitrotoluene	9.49	165	740367	72.674	nq	99
52) Acenaphthene	9.73	154	2196901	61.914	nq	99
53) 3-Nitroaniline	9.66	138	869441	73.056	nq	97
54) 2,4-Dinitrophenol	9.76	184	426085	92.427	nq	98
55) Dibenzofuran	9.90	168	3028422	61.378	nq	95
56) 4-Nitrophenol	9.82	139	655984	75.223	nq	95
57) 2,4-Dinitrotoluene	9.89	165	900860	70.342	nq	97
58) Fluorene	10.24	166	2213804	62.555	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.02	232	756063	68.944	nq	98
60) Diethylphthalate	10.13	149	2909435	66.933	nq	99
61) 4-Chlorophenyl-phenylether	10.23	204	1112319	58.859	nq	95
62) 4-Nitroaniline	10.27	138	917921	79.522	nq	99
63) Azobenzene	10.39	77	2536180	68.544	nq	97
65) 4,6-Dinitro-2-methylphenol	10.30	198	505527	83.165	nq	93
66) n-Nitrosodiphenylamine	10.36	169	2313139	65.372	nq	98
67) 4-Bromophenyl-phenylether	10.72	248	864139	65.020	nq	98
68) Hexachlorobenzene	10.79	284	943657	64.877	nq	95
69) Atrazine	10.89	200	796099	64.691	nq	98
70) Pentachlorophenol	10.98	266	581418	69.146	nq	99
71) Phenanthrene	11.20	178	3667631	65.653	nq	99
72) Anthracene	11.24	178	3754917	63.869	nq	97
73) Carbazole	11.40	167	3482047	69.091	nq	98
74) Di-n-butylphthalate	11.74	149	4142253	62.489	nq	97
75) Fluoranthene	12.37	202	3830052	65.873	nq	99
77) Benzidine	12.49	184	1838218	60.585	nq	# 93
78) Pyrene	12.60	202	3861773	72.633	nq	99
80) Butylbenzylphthalate	13.23	149	2001015	74.529	nq	99
81) Benzo(a)anthracene	13.78	228	3277407	69.394	nq	99
82) 3,3'-Dichlorobenzidine	13.75	252	1342997	70.127	nq	99
83) Chrysene	13.82	228	3422336	74.488	nq	98
84) Bis(2-ethylhexyl)phthalate	13.79	149	2163734	63.732	nq	# 98
85) Di-n-octyl phthalate	14.40	149	3987021	69.114	nq	99
86) Indeno(1,2,3-cd)pyrene	16.48	276	3182664	60.712	nq	99
88) Benzo(b)fluoranthene	14.79	252	3691675	74.229	nq	99
89) Benzo(k)fluoranthene	14.82	252	2852034	67.528	nq	99
90) Benzo(a)pyrene	15.12	252	3088732	71.754	nq	99
91) Dibenzo(a,h)anthracene	16.50	278	2517494	61.755	nq	99
92) Benzo(g,h,i)perylene	16.88	276	2561279	62.479	nq	98

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

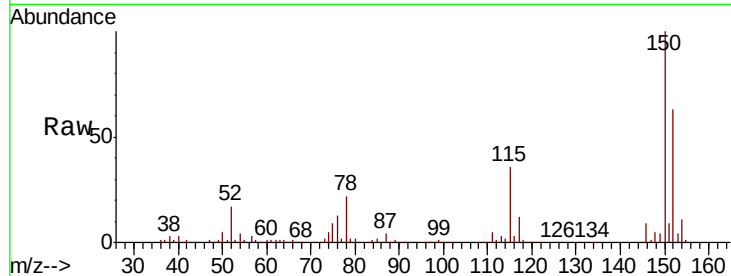


#1

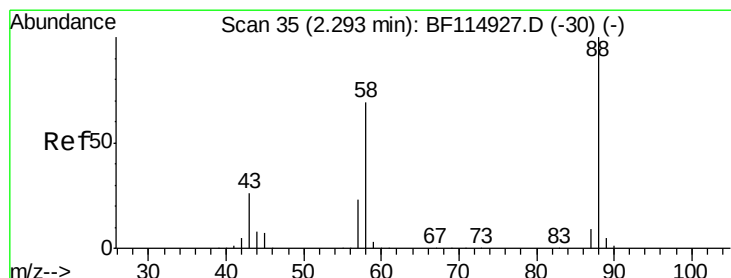
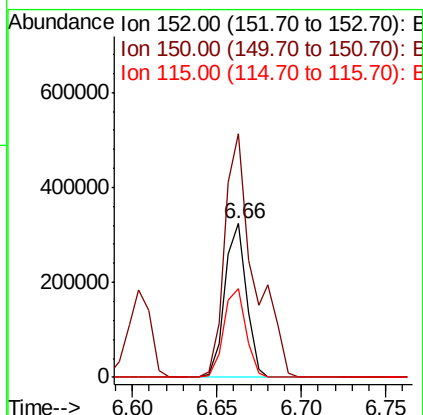
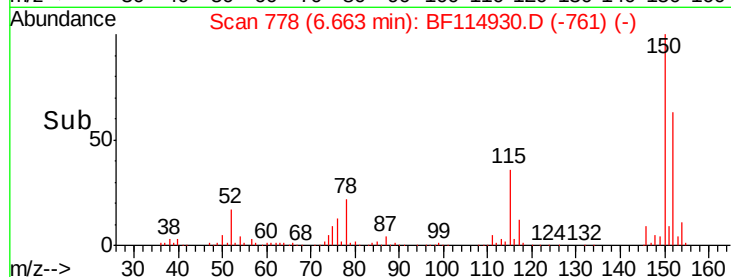
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 288863
Ion Ratio Lower Upper
152 100
150 158.5 125.2 187.8
115 57.7 45.0 67.4



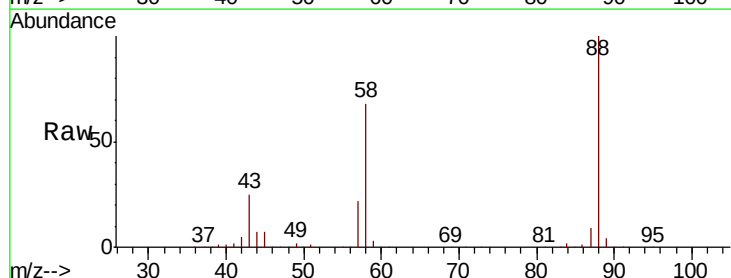
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



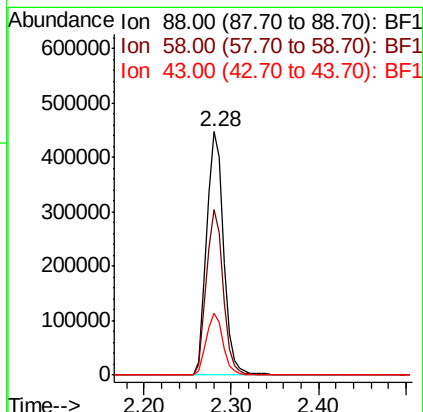
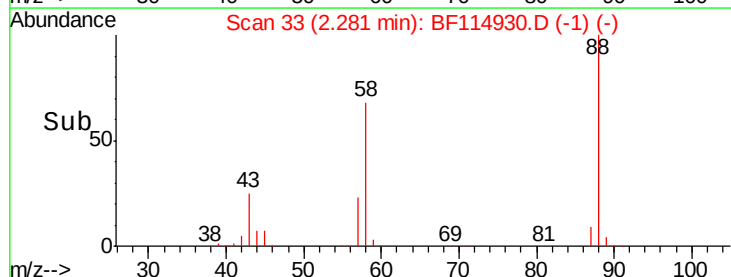
#2

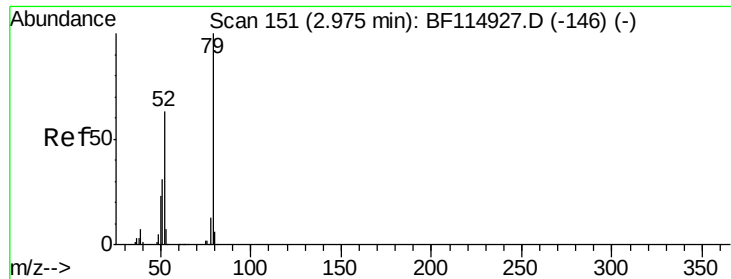
1,4-Dioxane
Concen: 76.480 ng
RT: 2.28 min Scan# 33
Delta R.T. -0.01 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Tgt Ion: 88 Resp: 603647
Ion Ratio Lower Upper
88 100
58 67.7 54.2 81.2
43 24.9 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: 79.906 ng

RT: 2.96 min Scan# 149

Delta R.T. -0.01 min

Lab File: BF114930.D

Acq: 10 Jun 2019 12:45

Instrument :

BNA_F

ClientSampleId :

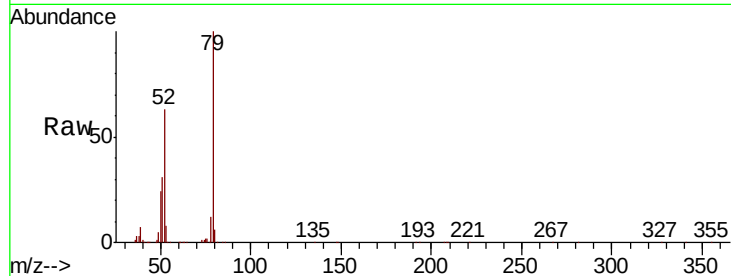
Tot Ion: 79 Resp: 1733288

Ion Ratio Lower Upper

79 100

52 63.3 50.2 75.2

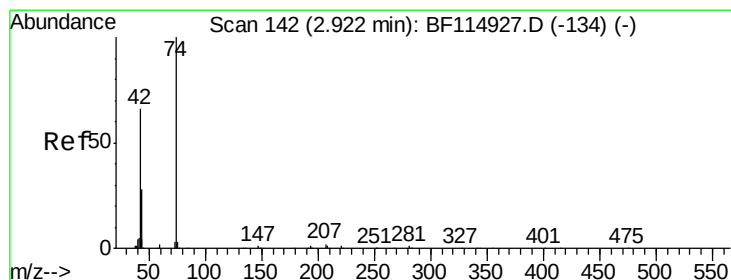
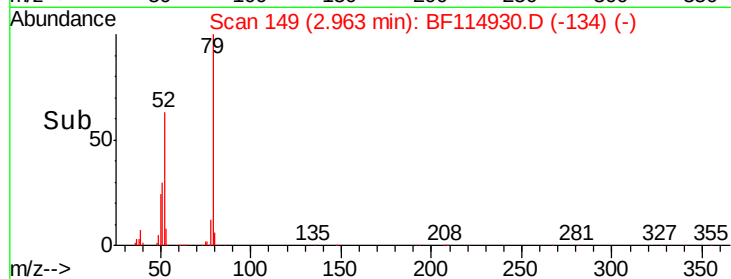
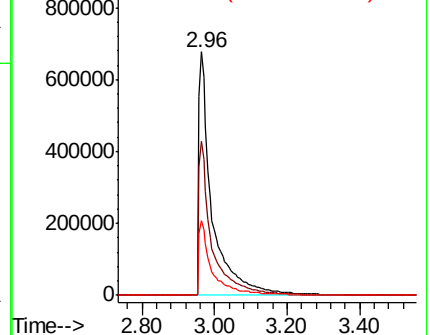
51 30.5 24.6 37.0



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: 78.239 ng

RT: 2.93 min Scan# 143

Delta R.T. 0.01 min

Lab File: BF114930.D

Acq: 10 Jun 2019 12:45

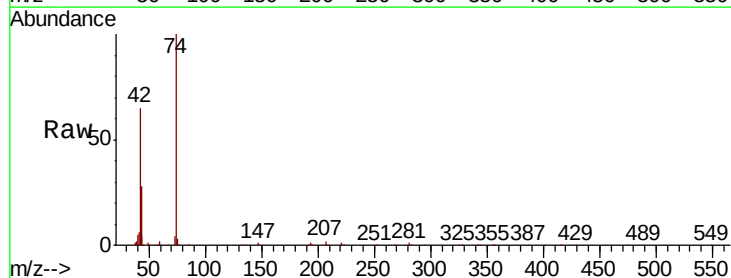
Tgt Ion: 42 Resp: 621129

Ion Ratio Lower Upper

42 100

74 154.1 121.9 182.9

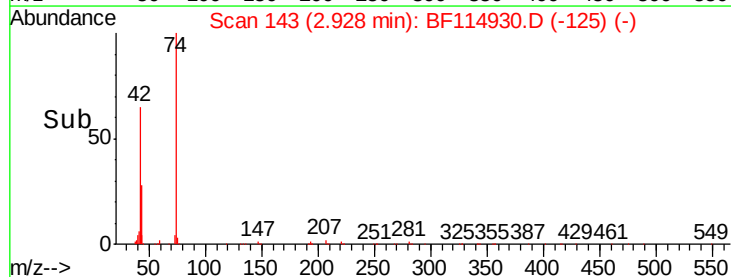
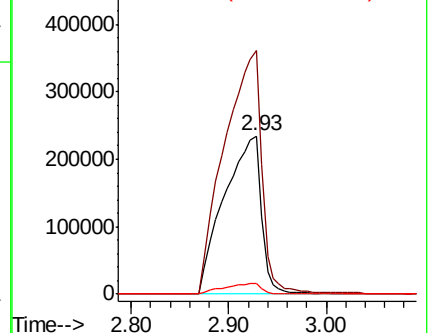
44 6.5 5.1 7.7

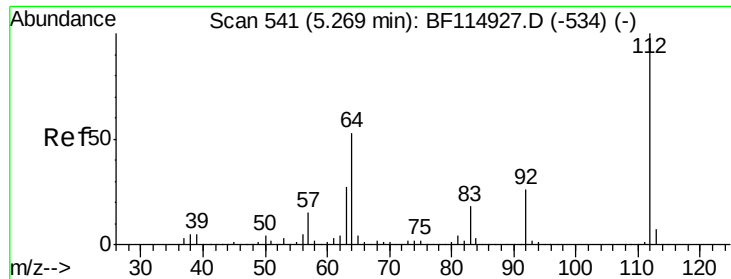


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 144.832 ng

RT: 5.27 min Scan# 541

Delta R.T. -0.00 min

Lab File: BF114930.D

Acq: 10 Jun 2019 12:45

Instrument :

BNA_F

ClientSampled :

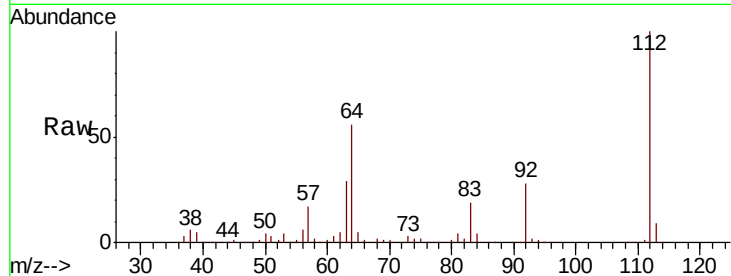
Tot Ion:112 Resp: 2394278

Ion Ratio Lower Upper

112 100

64 55.9 42.1 63.1

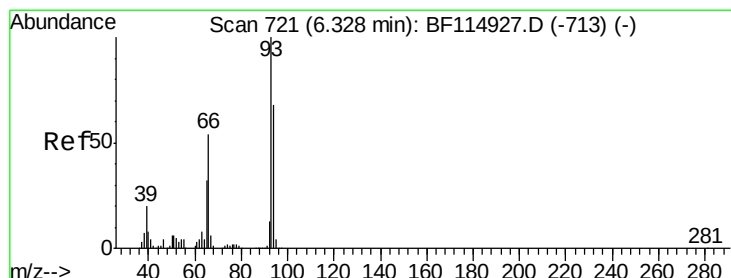
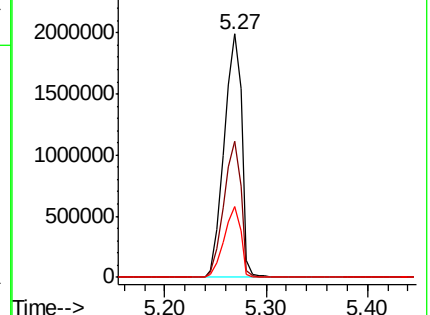
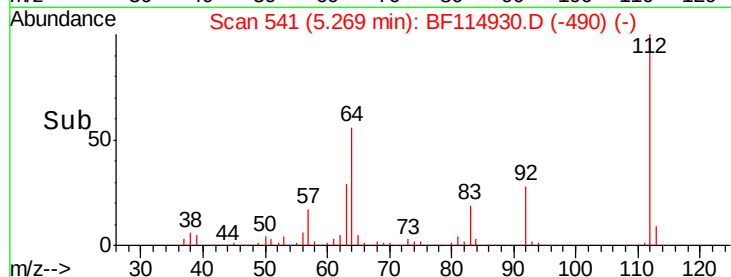
63 29.1 21.8 32.8



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: 66.975 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114930.D

Acq: 10 Jun 2019 12:45

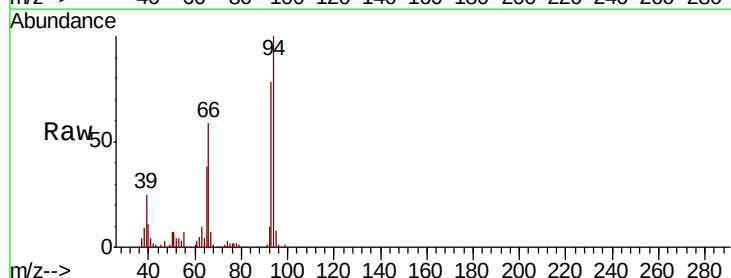
Tgt Ion: 93 Resp: 1911668

Ion Ratio Lower Upper

93 100

66 75.7 43.6 65.4#

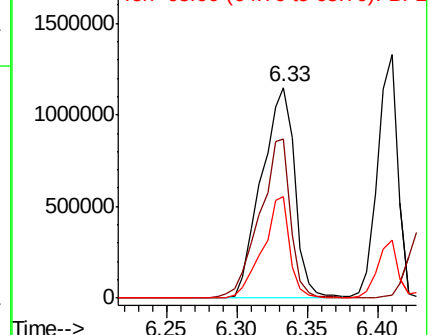
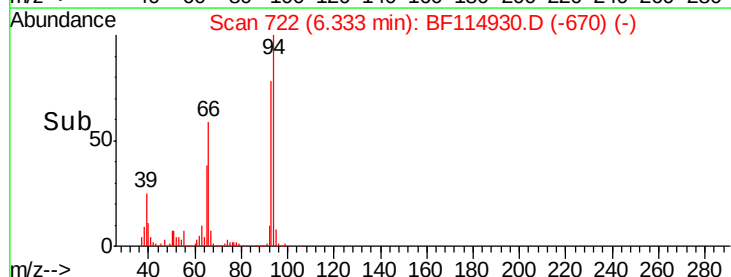
65 48.2 25.7 38.5#

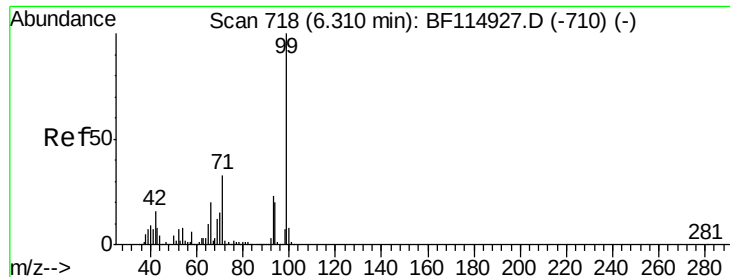


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 140.612 ng

RT: 6.32 min Scan# 719

Delta R.T. 0.01 min

Lab File: BF114930.D

Acq: 10 Jun 2019 12:45

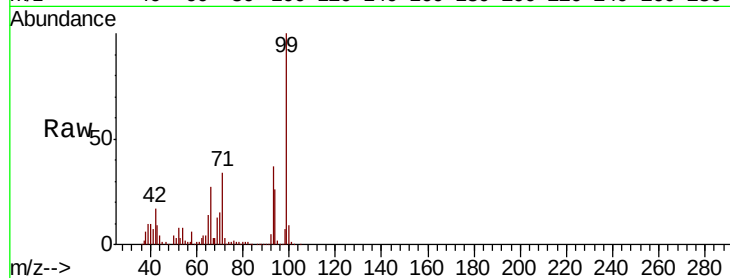
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 2828480

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.1	19.7
71	34.1	26.8	40.2

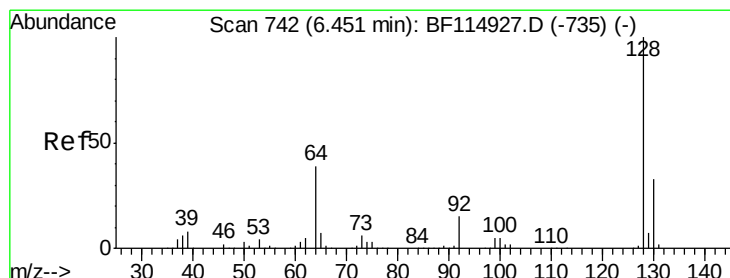
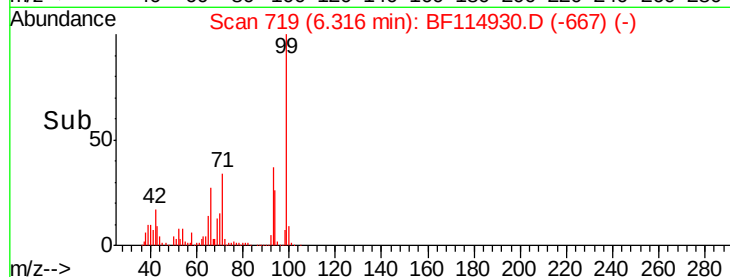
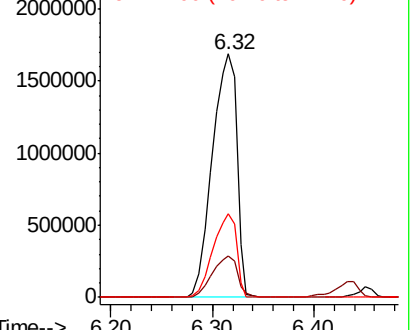


Abundance

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: 71.397 ng

RT: 6.45 min Scan# 742

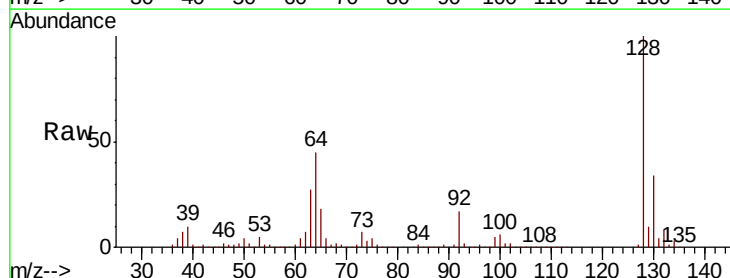
Delta R.T. -0.00 min

Lab File: BF114930.D

Acq: 10 Jun 2019 12:45

Tgt Ion: 128 Resp: 1363720

Ion	Ratio	Lower	Upper
128	100		
130	33.7	13.3	53.3
64	44.6	19.5	59.5

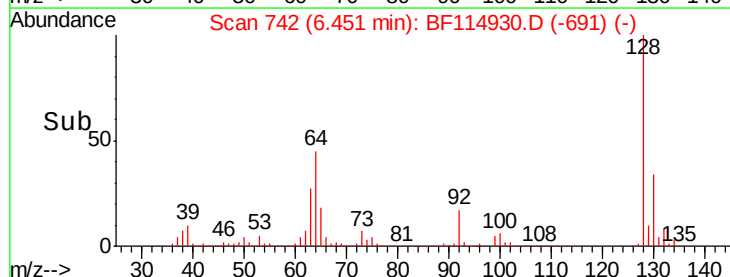
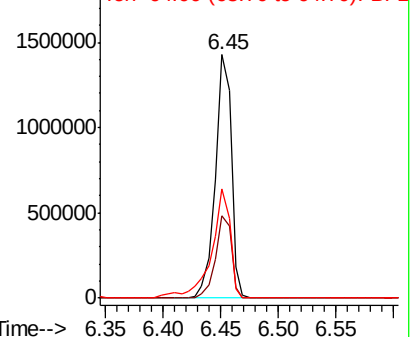


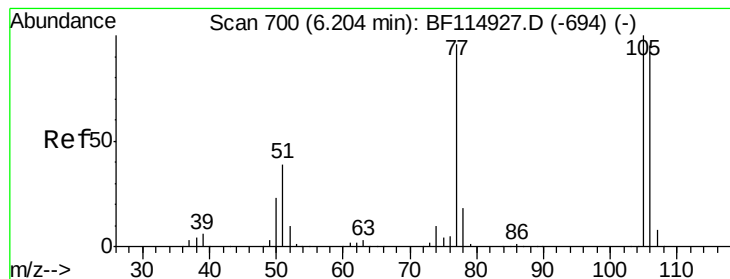
Abundance

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: 51.004 ng

RT: 6.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BF114930.D

Acq: 10 Jun 2019 12:45

Instrument :

BNA_F

ClientSampleId :

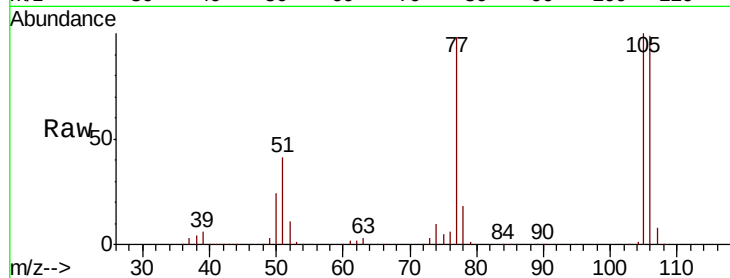
Tot Ion: 77 Resp: 711670

Ion Ratio Lower Upper

77 100

105 101.6 84.5 124.5

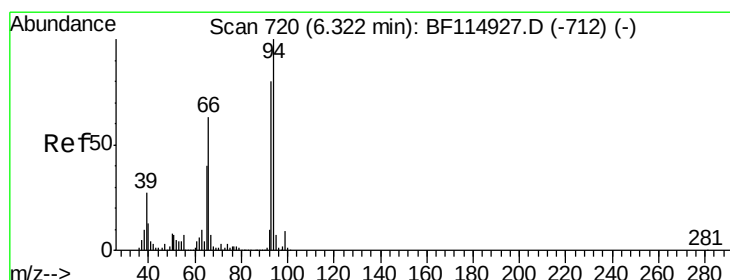
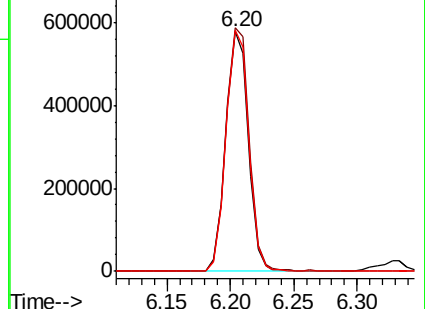
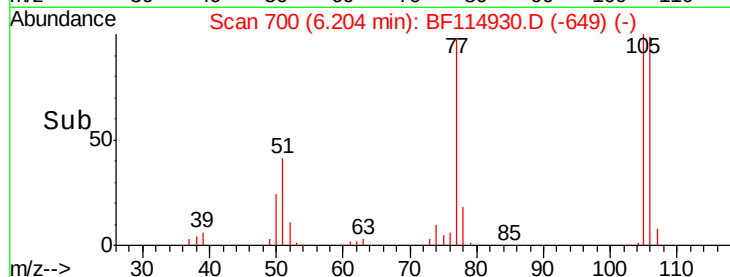
106 100.8 79.2 119.2



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: 69.716 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114930.D

Acq: 10 Jun 2019 12:45

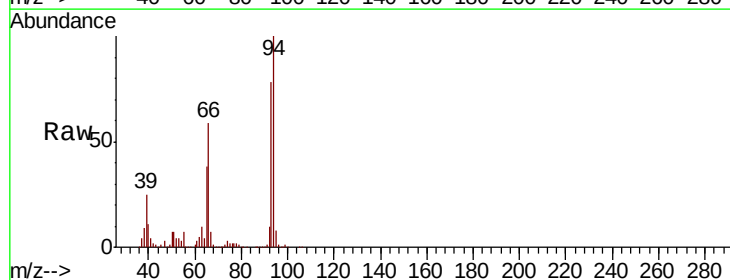
Tgt Ion: 94 Resp: 1603691

Ion Ratio Lower Upper

94 100

65 37.8 19.6 59.6

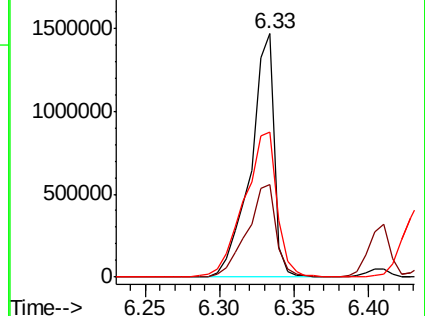
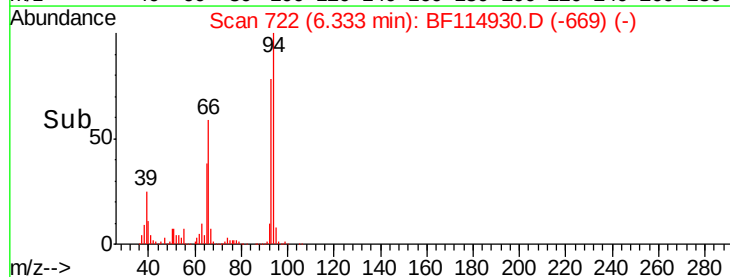
66 59.4 42.6 82.6

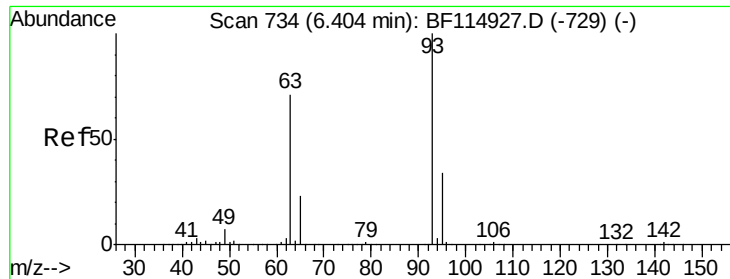


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

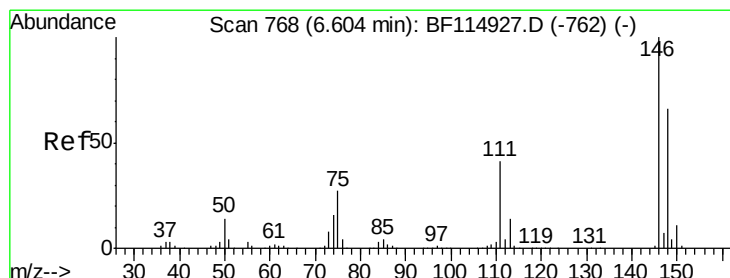
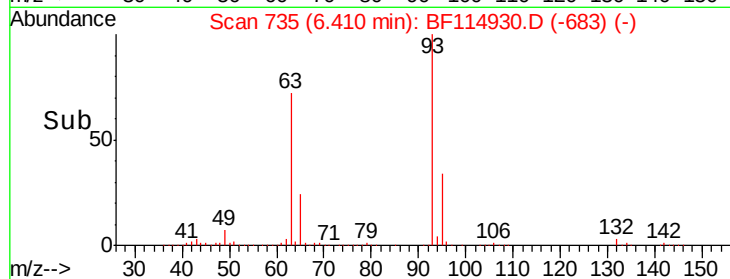
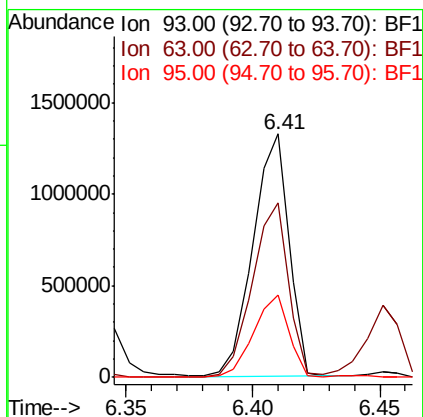
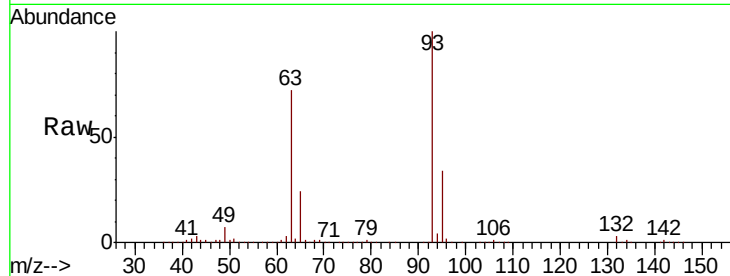




#11
bis(2-Chloroethyl)ether
Concen: 73.284 ng
RT: 6.41 min Scan# 735
Delta R.T. 0.01 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

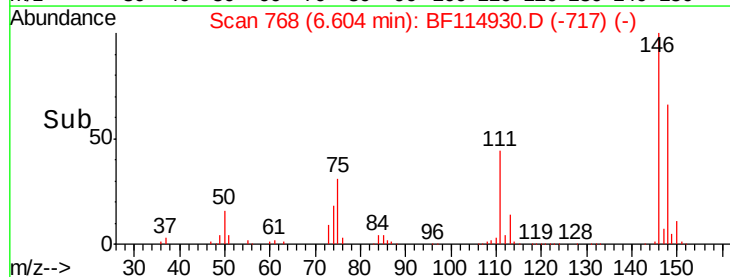
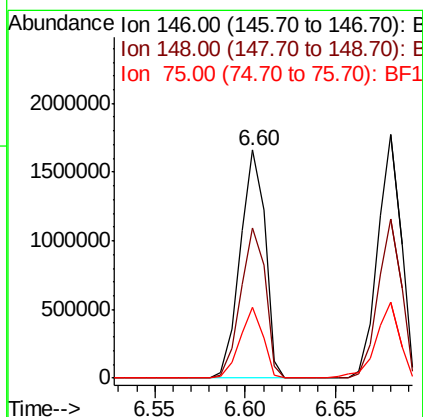
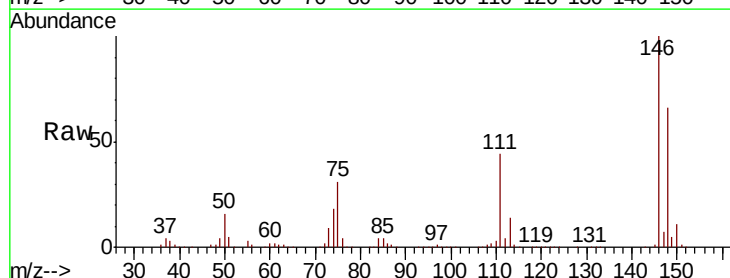
Instrument :
BNA_F
ClientSampleId :

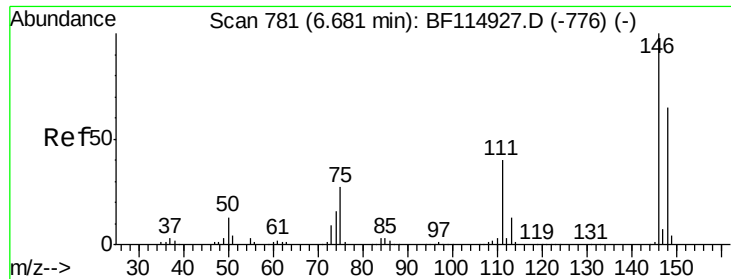
Tot Ion: 93 Resp: 1315636
Ion Ratio Lower Upper
93 100
63 71.9 50.5 90.5
95 34.1 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 71.287 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Tgt Ion: 146 Resp: 1586628
Ion Ratio Lower Upper
146 100
148 66.0 52.6 78.8
75 30.9 21.9 32.9

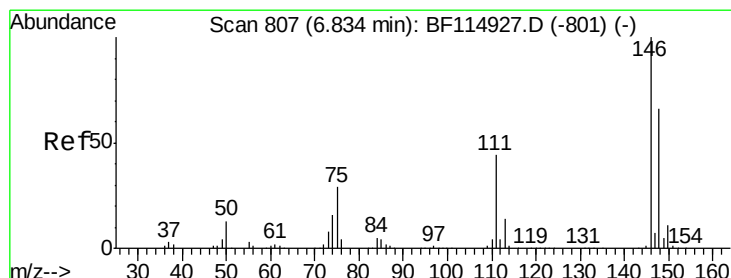
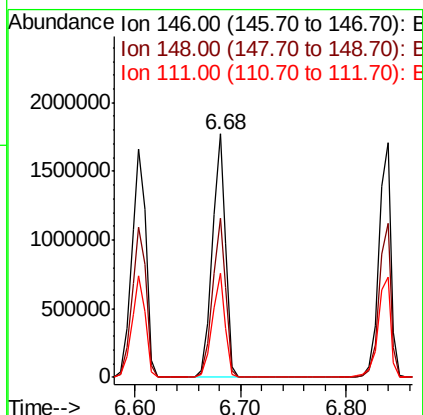
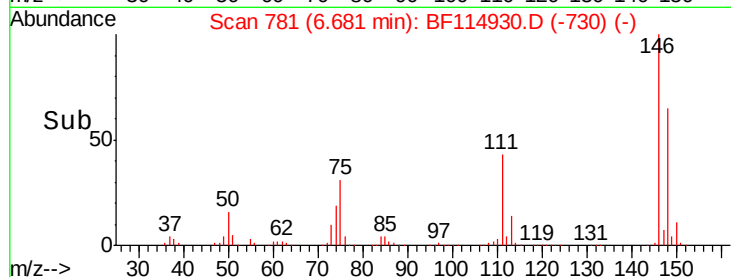
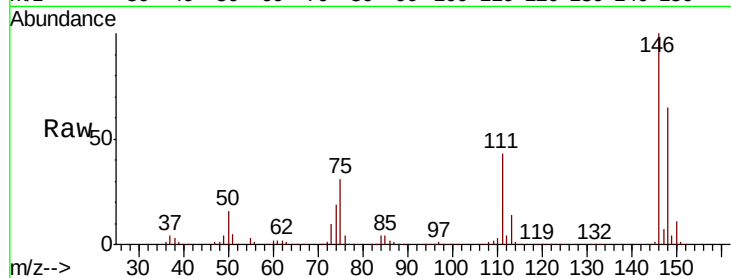




#13
 1,4-Dichlorobenzene
 Concen: 70.577 ng
 RT: 6.68 min Scan# 781
 Delta R.T. -0.00 min
 Lab File: BF114930.D
 Acq: 10 Jun 2019 12:45

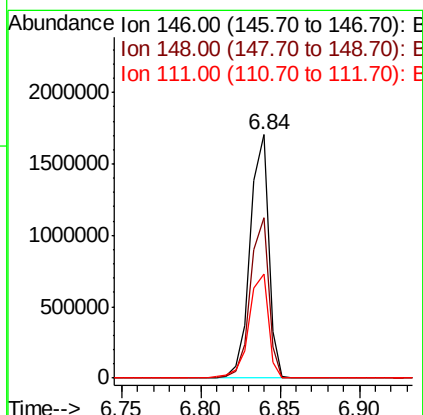
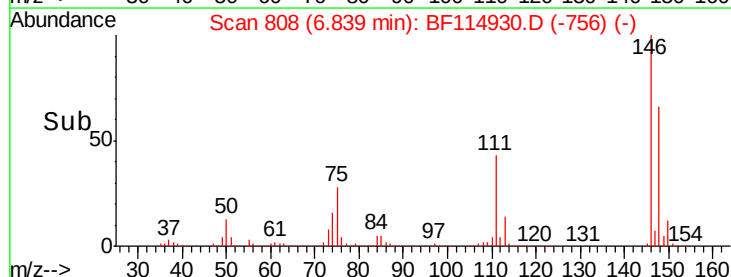
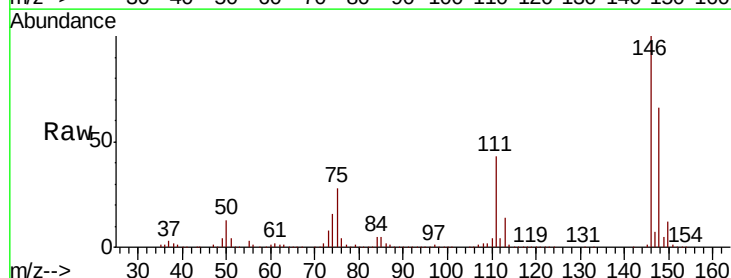
Instrument :
 BNA_F
 ClientSampleId :

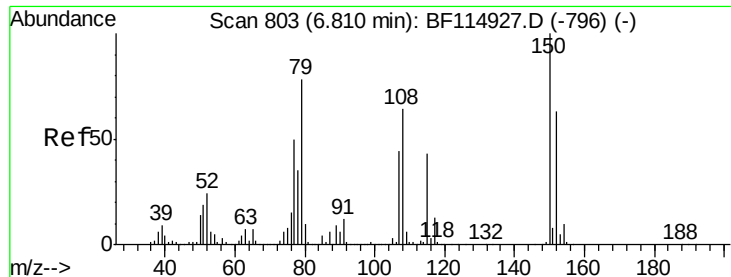
Tot Ion:146 Resp: 1580592
 Ion Ratio Lower Upper
 146 100
 148 65.5 52.3 78.5
 111 42.8 31.8 47.8



#14
 1,2-Dichlorobenzene
 Concen: 68.213 ng
 RT: 6.84 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: BF114930.D
 Acq: 10 Jun 2019 12:45

Tgt Ion:146 Resp: 1379665
 Ion Ratio Lower Upper
 146 100
 148 65.8 52.7 79.1
 111 42.9 35.4 53.2





#15

Benzyl Alcohol

Concen: 66.701 ng

RT: 6.82 min Scan# 804

Delta R.T. 0.01 min

Lab File: BF114930.D

Acq: 10 Jun 2019 12:45

Instrument :

BNA_F

ClientSampleId :

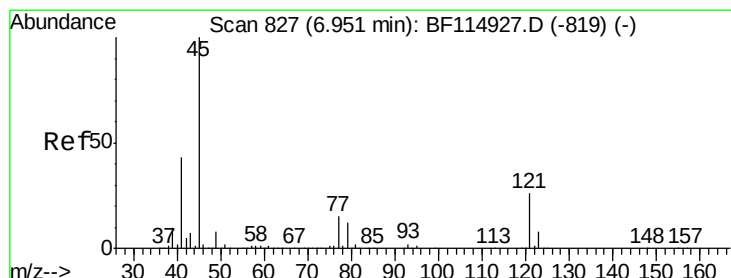
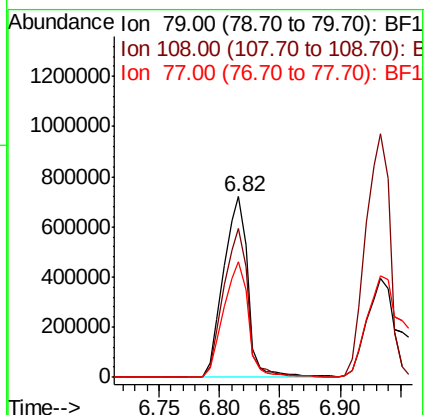
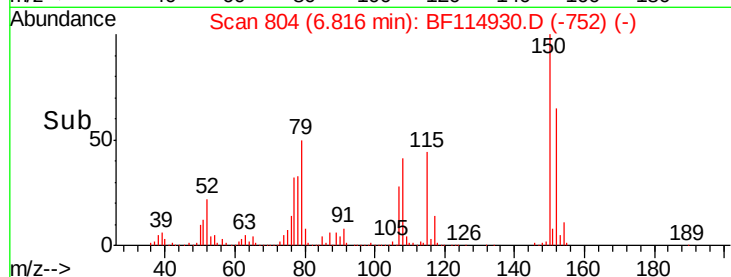
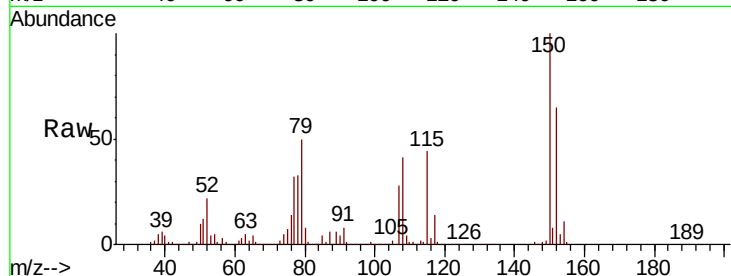
Tot Ion: 79 Resp: 1014644

Ion Ratio Lower Upper

79 100

108 82.3 65.5 98.3

77 63.9 51.3 76.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 68.904 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.00 min

Lab File: BF114930.D

Acq: 10 Jun 2019 12:45

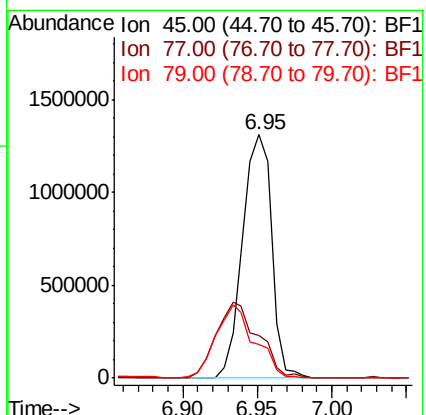
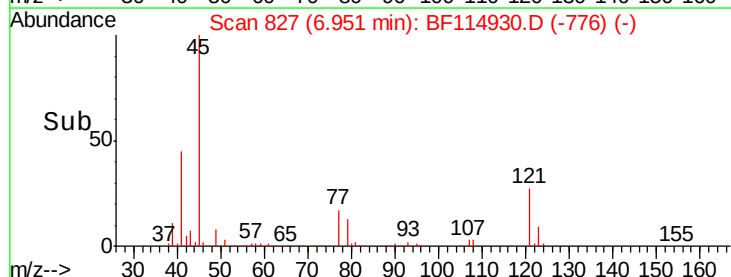
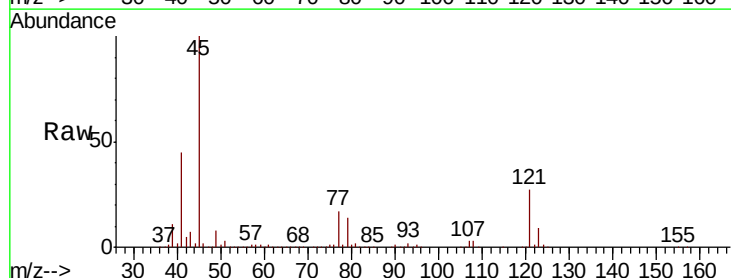
Tgt Ion: 45 Resp: 1769169

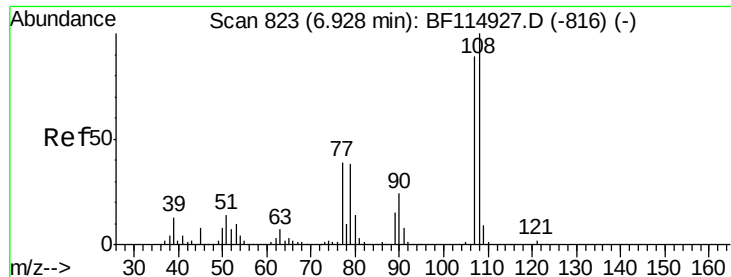
Ion Ratio Lower Upper

45 100

77 17.4 0.0 36.2

79 13.7 0.0 32.7

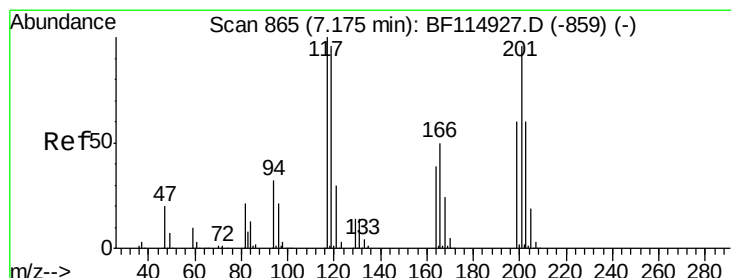
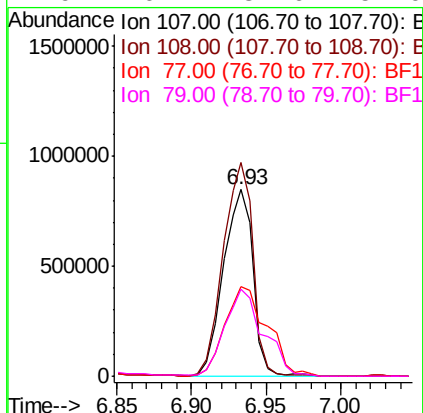
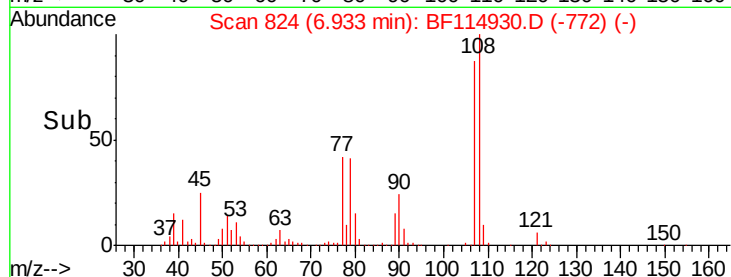
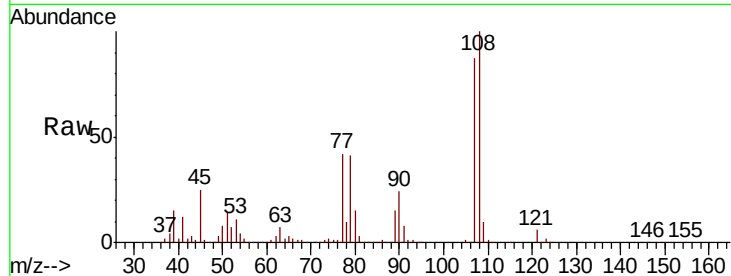




#17
2-Methylphenol
Concen: 72.429 ng
RT: 6.93 min Scan# 824
Delta R.T. 0.01 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

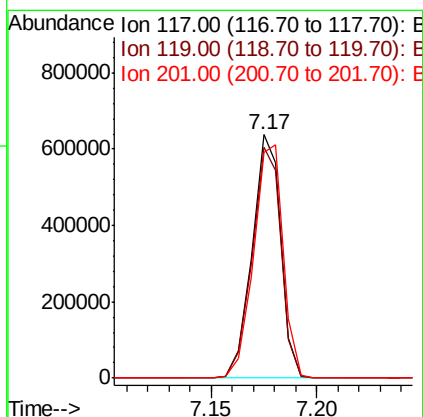
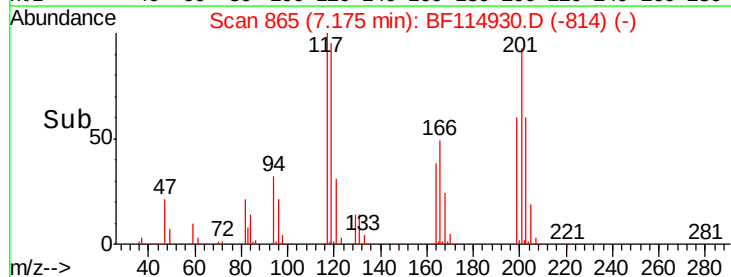
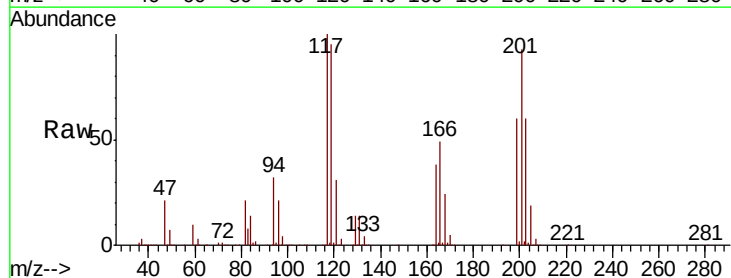
Instrument :
BNA_F
ClientSampled :

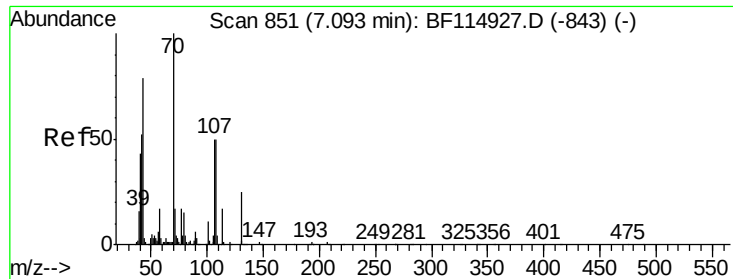
Tot Ion:107 Resp: 1182524
Ion Ratio Lower Upper
107 100
108 114.4 90.2 135.2
77 47.8 35.4 53.0
79 46.4 34.6 52.0



#18
Hexachloroethane
Concen: 71.156 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Tgt Ion:117 Resp: 599809
Ion Ratio Lower Upper
117 100
119 94.9 76.6 114.8
201 92.9 77.0 115.6

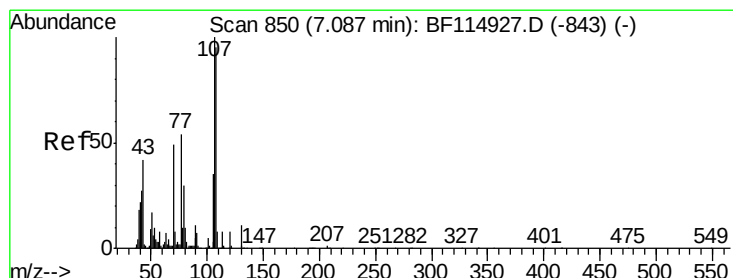
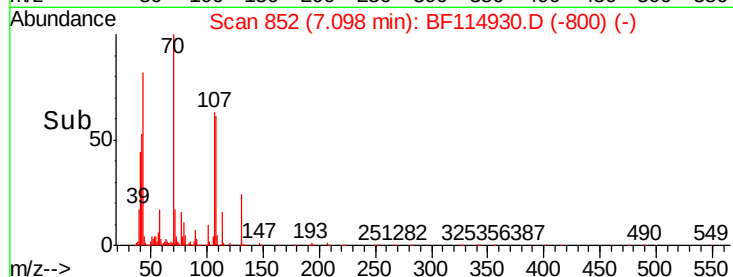
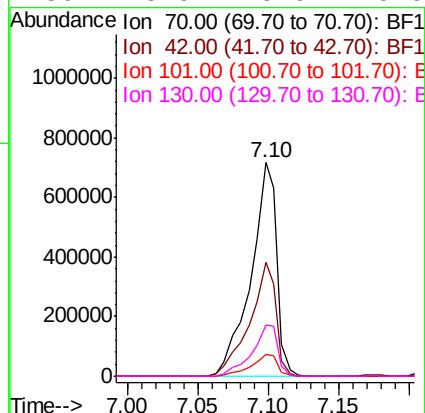
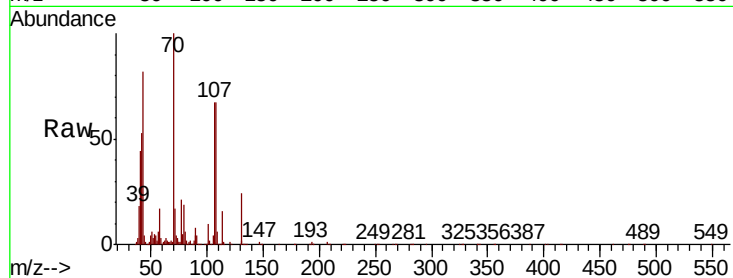




#19
n-Nitroso-di-n-propylamine
Concen: 68.955 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.01 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

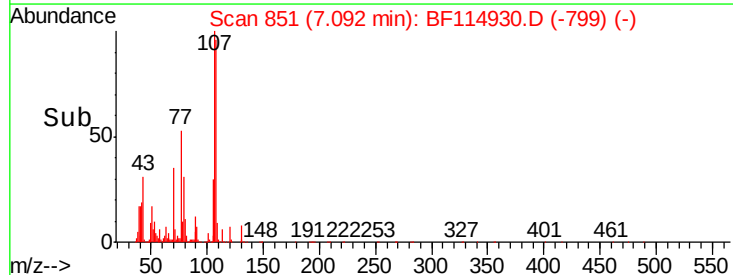
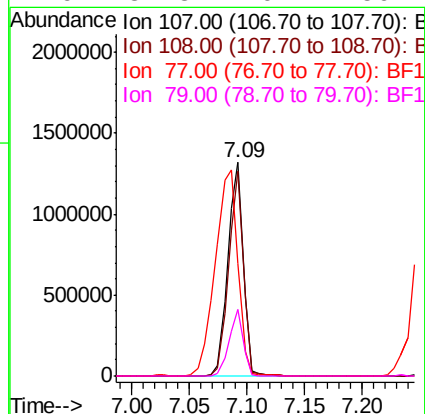
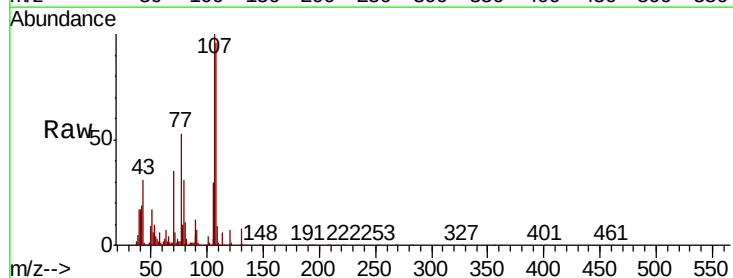
Instrument :
BNA_F
ClientSampleId :

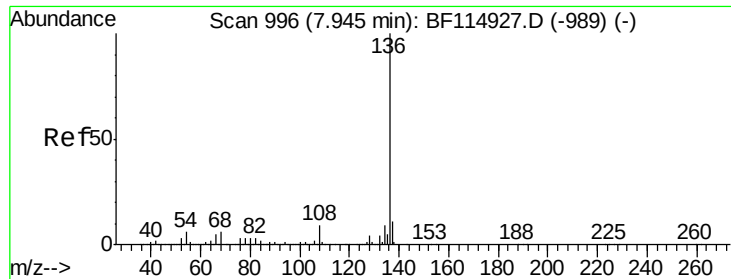
Tot Ion:	70	Resp:	918181
Ion	Ratio	Lower	Upper
70	100		
42	53.1	41.7	62.5
101	10.4	8.4	12.6
130	23.9	19.9	29.9



#20
3+4-Methylphenols
Concen: 67.254 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.01 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Tgt Ion:	107	Resp:	1211100
Ion	Ratio	Lower	Upper
107	100		
108	95.6	74.7	114.7
77	52.7	33.7	73.7
79	31.3	10.2	50.2

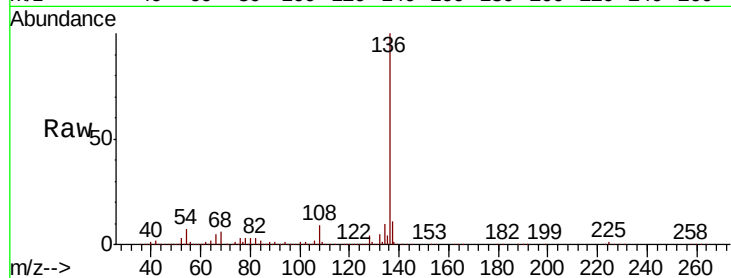




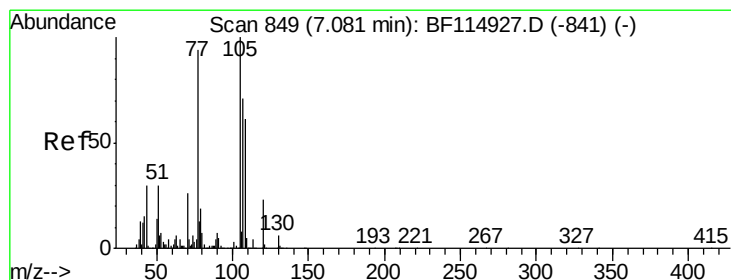
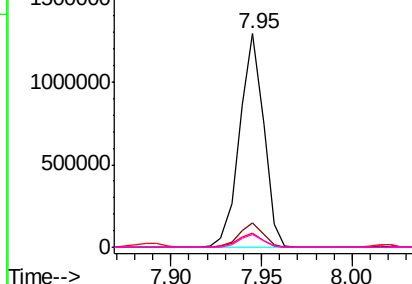
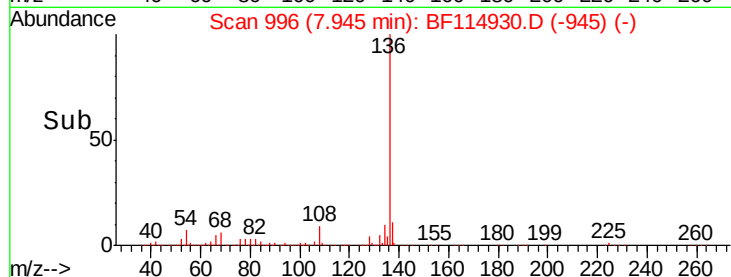
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.00 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 1192179
Ion Ratio	Lower Upper
136 100	
137 11.3	9.0 13.6
54 6.7	5.2 7.8
68 5.9	4.6 7.0

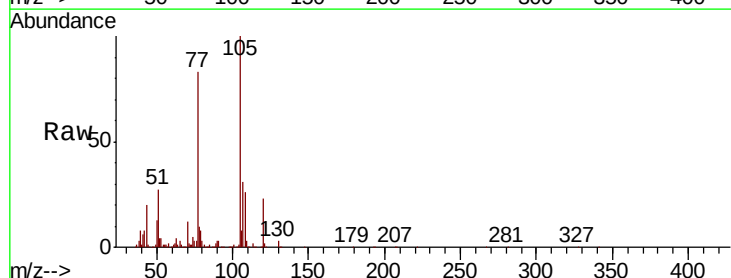


Abundance Ion 136.00 (135.70 to 136.70): E
2000000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

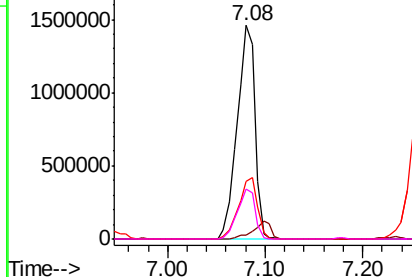
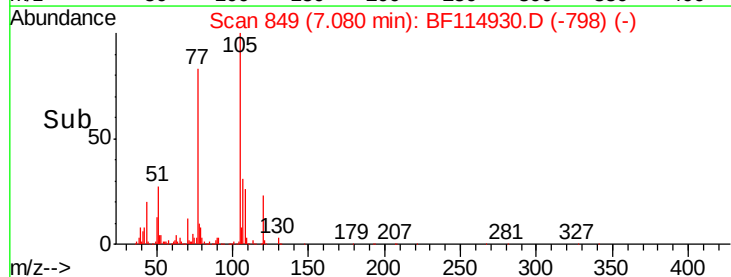


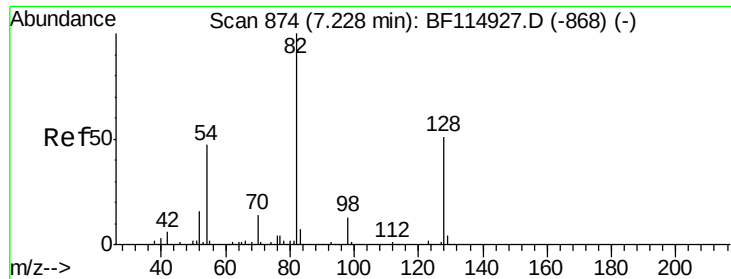
#22
Acetophenone
Concen: 70.569 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Tgt	Ion:105	Resp:	1852266
Ion	Ratio	Lower	Upper
105	100		
71	2.0	3.4	5.2#
51	27.0	24.0	36.0
120	23.2	18.8	28.2



Abundance Ion 105.00 (104.70 to 105.70): E
2000000
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

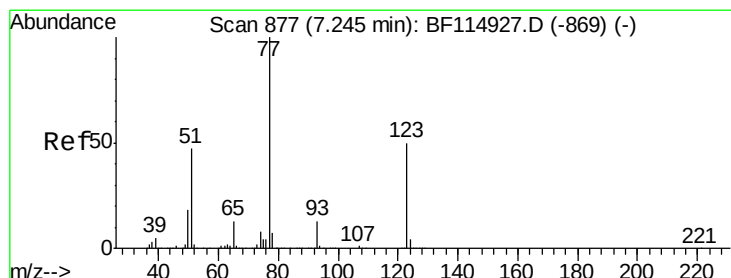
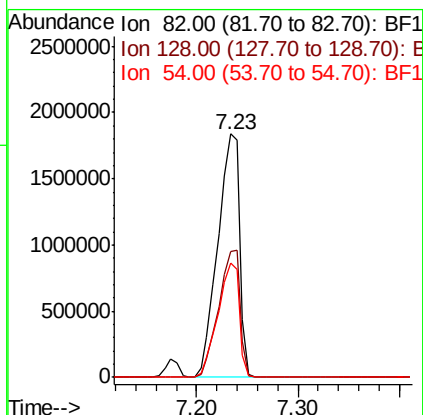
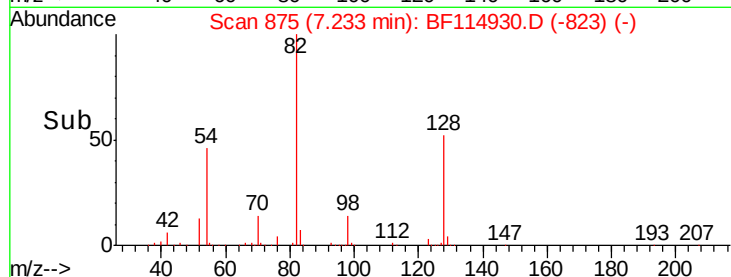
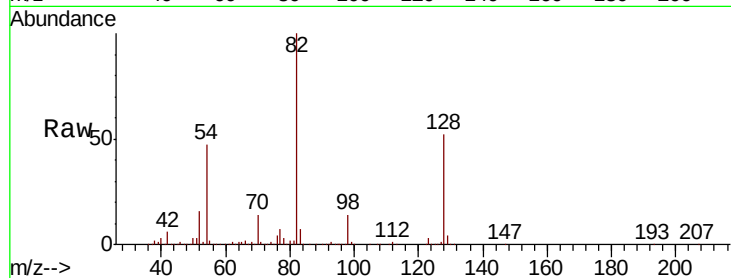




#23
 Nitrobenzene-d5
 Concen: 141.840 ng
 RT: 7.23 min Scan# 875
 Delta R.T. 0.01 min
 Lab File: BF114930.D
 Acq: 10 Jun 2019 12:45

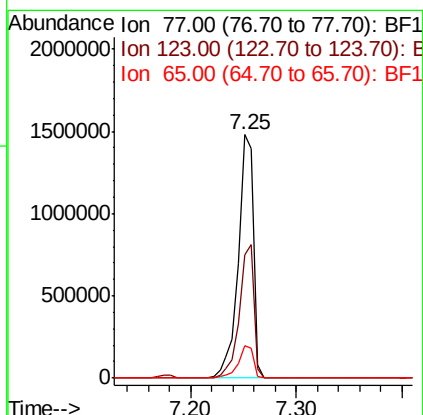
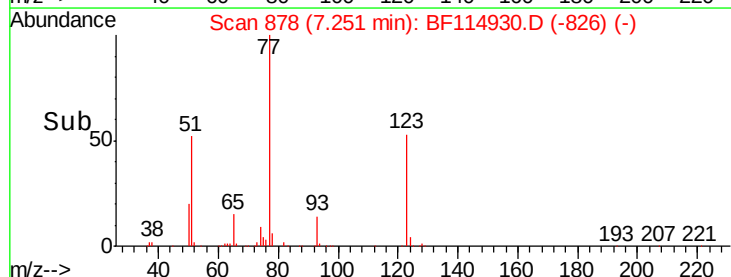
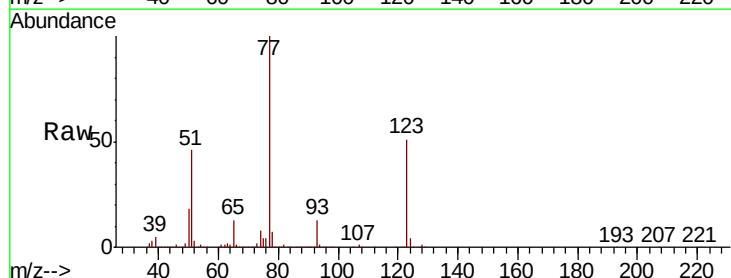
Instrument :
 BNA_F
 ClientSampleId :

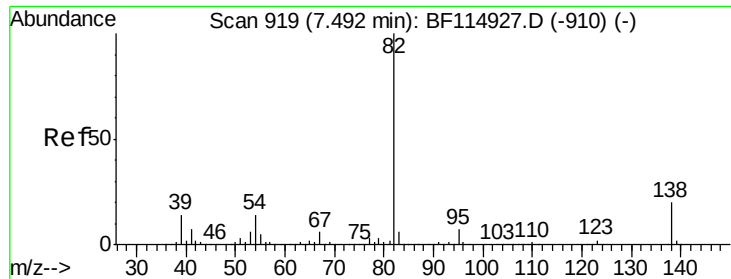
Tot Ion: 82 Resp: 2746966
 Ion Ratio Lower Upper
 82 100
 128 51.7 40.9 61.3
 54 47.2 37.4 56.0



#24
 Nitrobenzene
 Concen: 71.878 ng
 RT: 7.25 min Scan# 878
 Delta R.T. 0.01 min
 Lab File: BF114930.D
 Acq: 10 Jun 2019 12:45

Tgt Ion: 77 Resp: 1442102
 Ion Ratio Lower Upper
 77 100
 123 50.9 39.8 59.6
 65 13.3 10.7 16.1





#25

Isophorone

Concen: 71.608 ng

RT: 7.50 min Scan# 920

Delta R.T. 0.01 min

Lab File: BF114930.D

Acq: 10 Jun 2019 12:45

Instrument :

BNA_F

ClientSampleId :

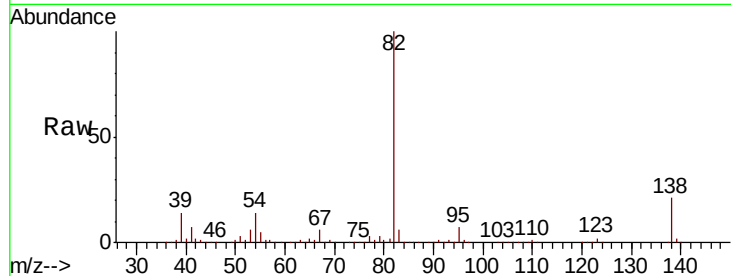
Tot Ion: 82 Resp: 2741653

Ion Ratio Lower Upper

82 100

95 7.2 5.7 8.5

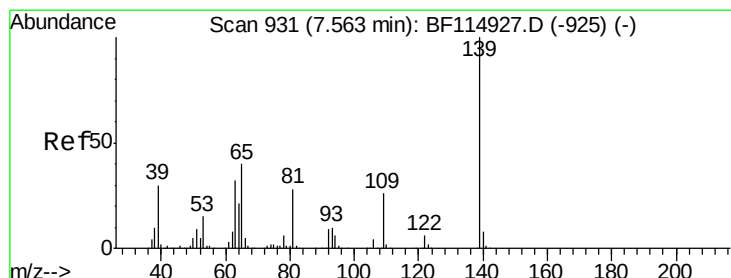
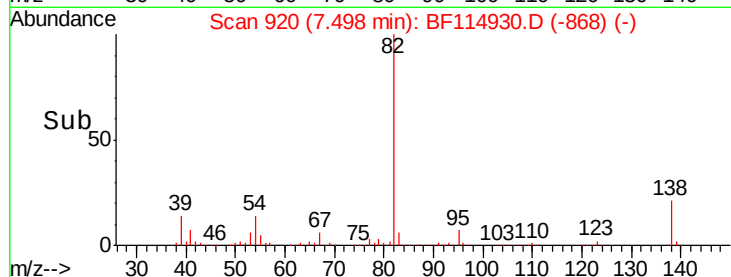
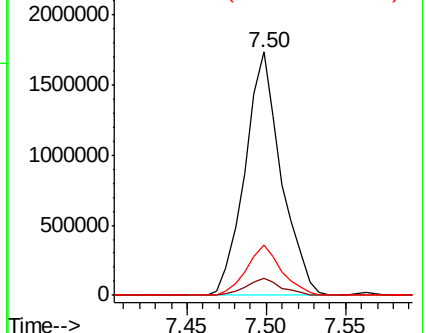
138 20.5 16.4 24.6



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 75.323 ng

RT: 7.56 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF114930.D

Acq: 10 Jun 2019 12:45

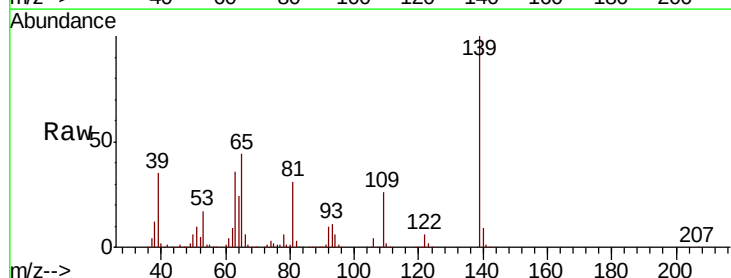
Tgt Ion: 139 Resp: 818491

Ion Ratio Lower Upper

139 100

109 26.4 20.6 30.8

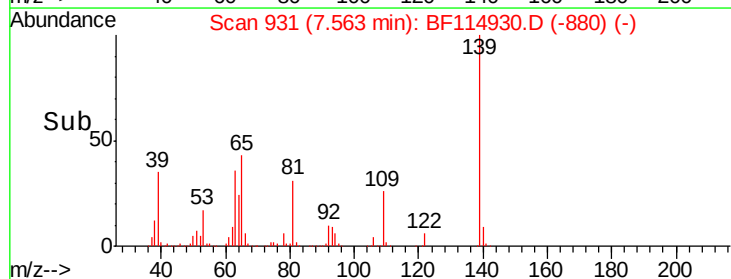
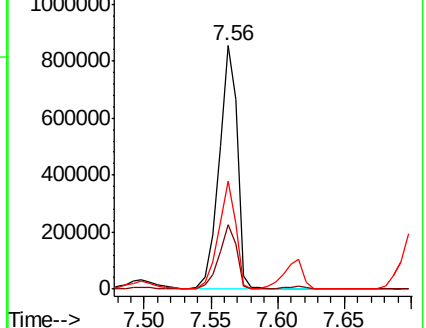
65 44.5 32.2 48.2

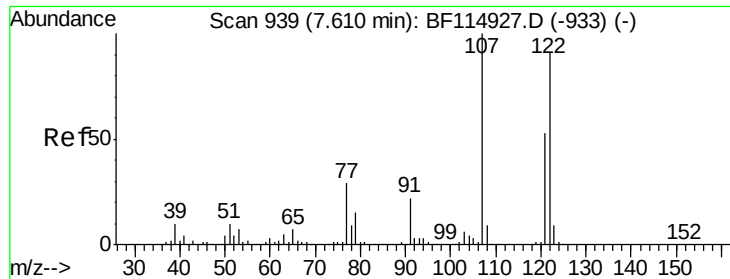


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

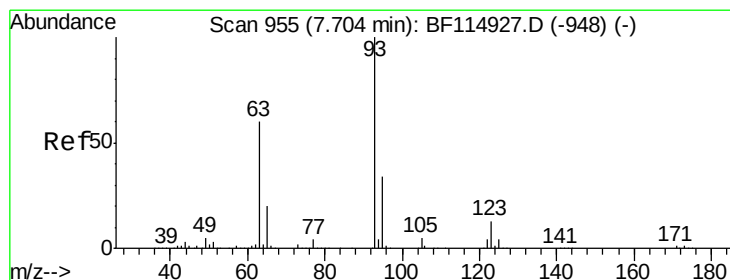
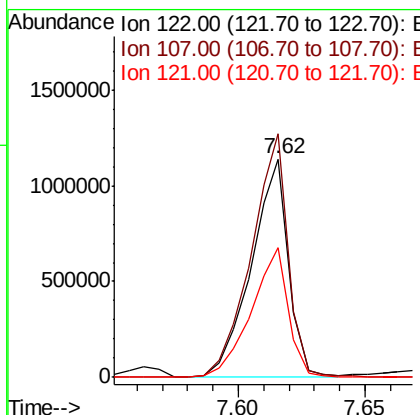
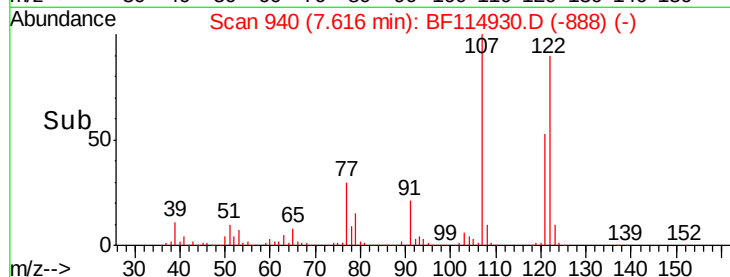
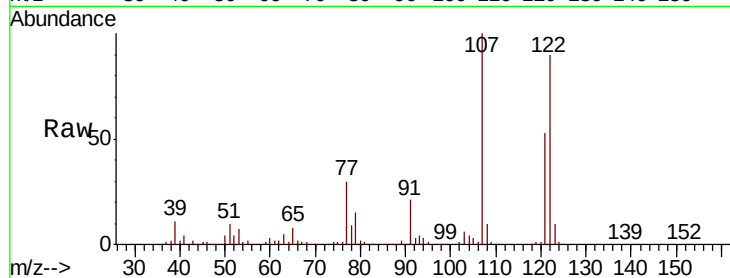




#27
 2,4-Dimethylphenol
 Concen: 70.204 ng
 RT: 7.62 min Scan# 940
 Delta R.T. 0.01 min
 Lab File: BF114930.D
 Acq: 10 Jun 2019 12:45

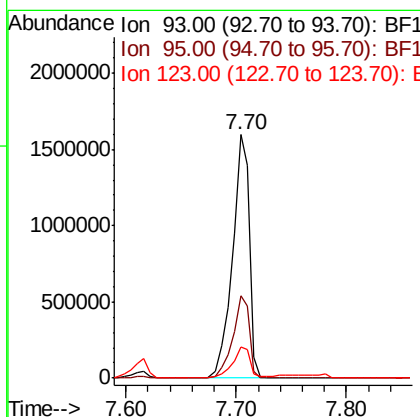
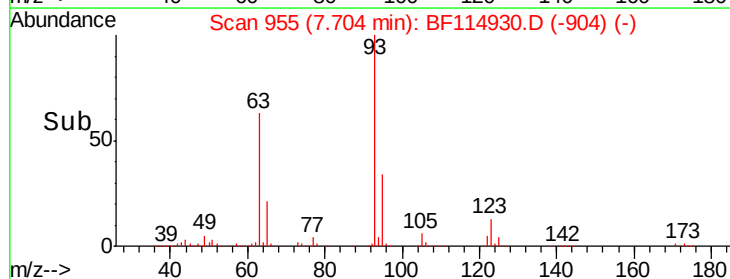
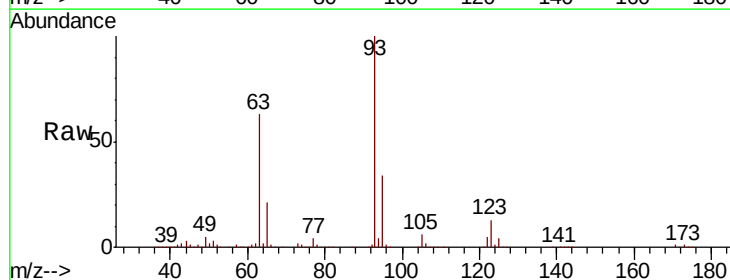
Instrument :
 BNA_F
 ClientSampleId :

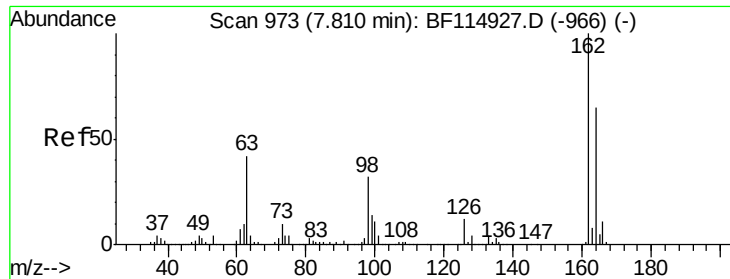
Tot Ion:122 Resp: 1159495
 Ion Ratio Lower Upper
 122 100
 107 111.6 88.0 132.0
 121 59.4 47.0 70.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 69.801 ng
 RT: 7.70 min Scan# 955
 Delta R.T. -0.00 min
 Lab File: BF114930.D
 Acq: 10 Jun 2019 12:45

Tgt Ion: 93 Resp: 1708324
 Ion Ratio Lower Upper
 93 100
 95 33.9 27.0 40.4
 123 12.7 10.3 15.5

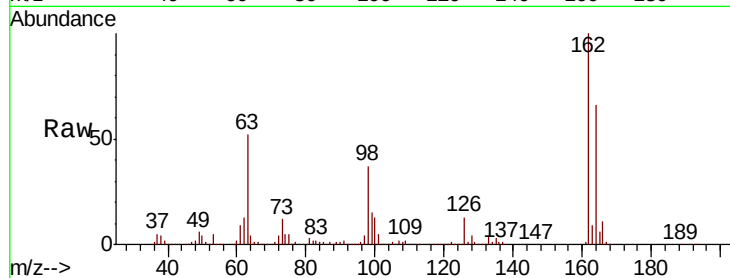




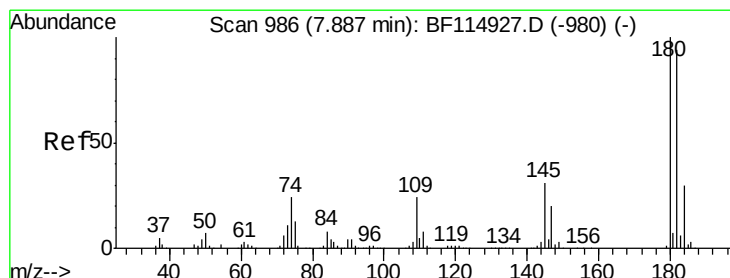
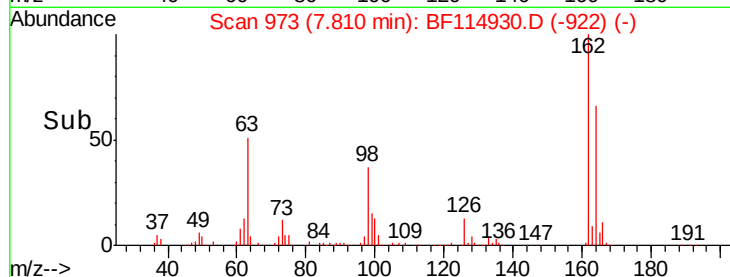
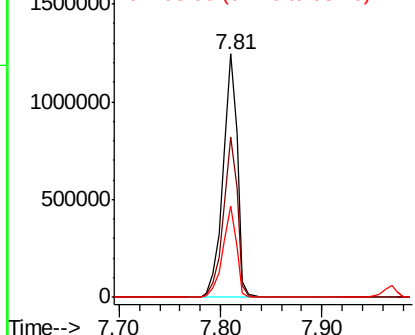
#29
2,4-Dichlorophenol
Concen: 69.793 ng
RT: 7.81 min Scan# 973
Delta R.T. -0.00 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 1212740
Ion Ratio Lower Upper
162 100
164 65.6 45.4 85.4
98 37.3 12.5 52.5

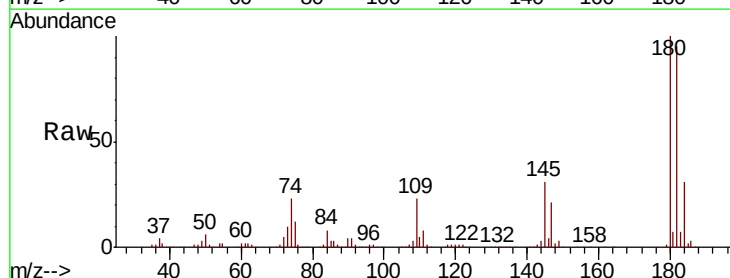


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

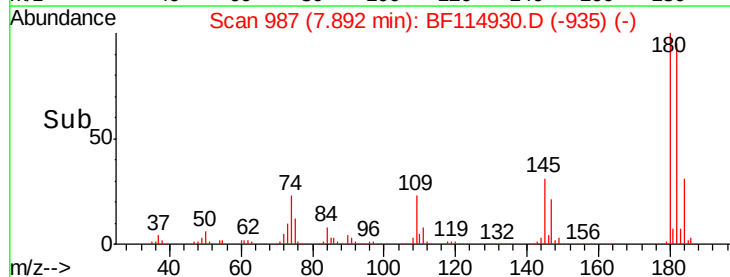
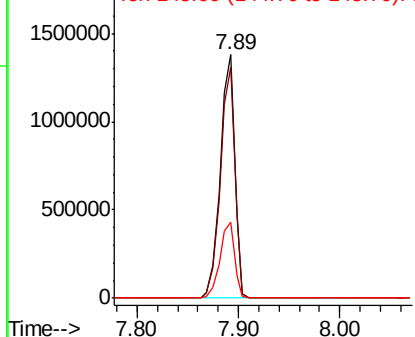


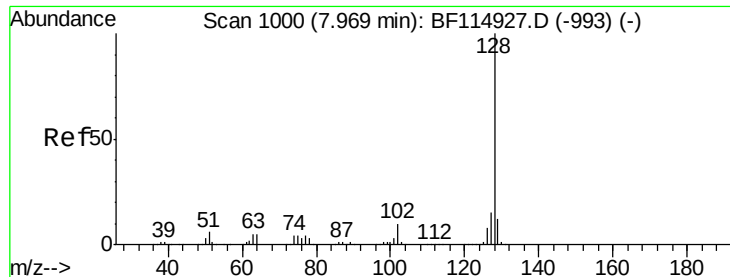
#30
1,2,4-Trichlorobenzene
Concen: 68.386 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.01 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Tgt Ion:180 Resp: 1363470
Ion Ratio Lower Upper
180 100
182 95.0 75.0 112.6
145 31.3 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

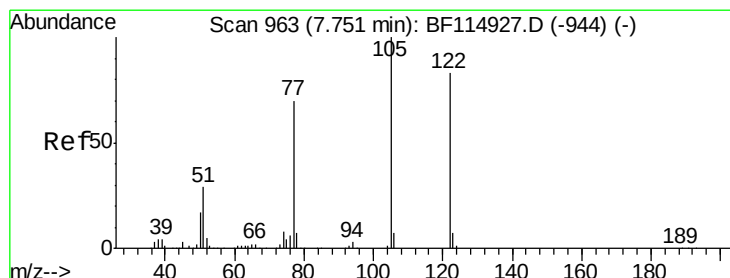
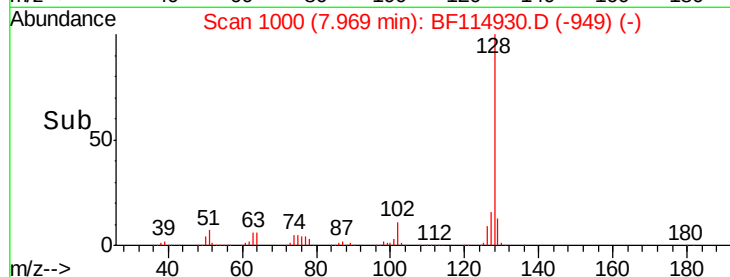
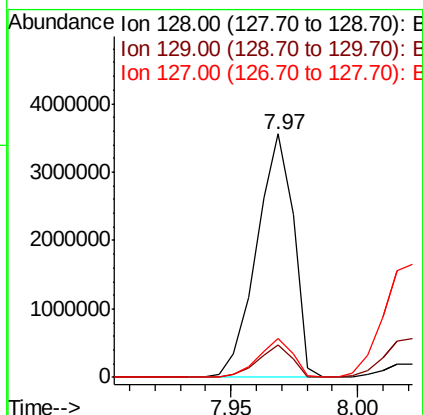
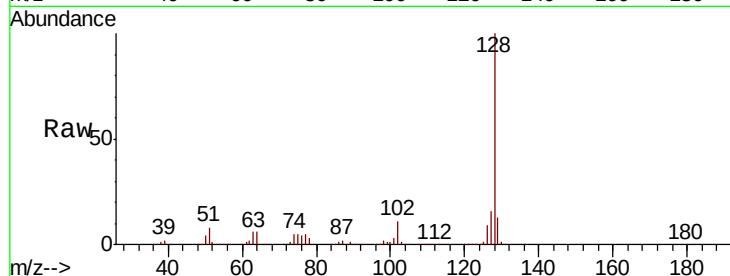




#31
Naphthalene
Concen: 67.636 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

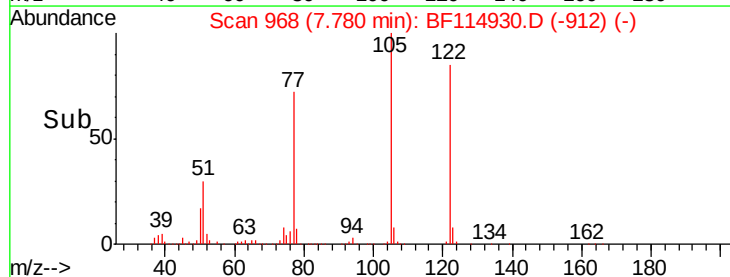
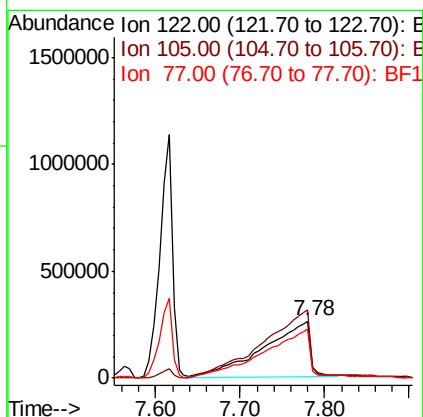
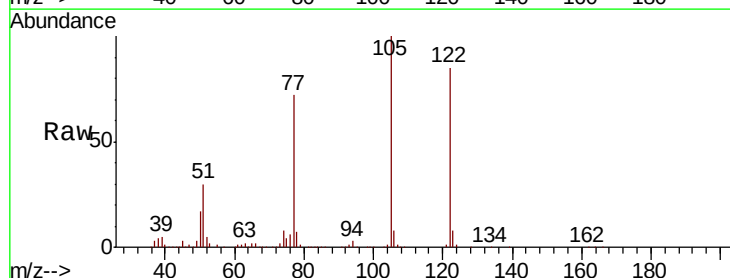
Instrument :
BNA_F
ClientSampled :

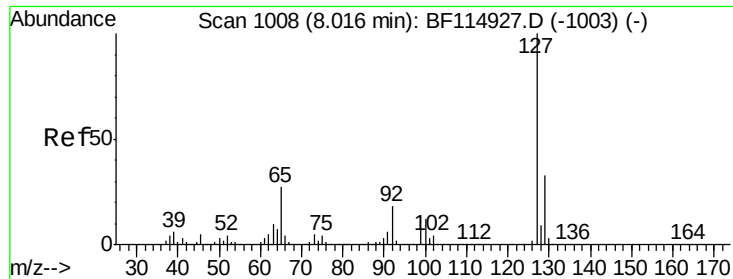
Tot Ion:128 Resp: 3630177
Ion Ratio Lower Upper
128 100
129 13.5 9.8 14.8
127 15.8 11.8 17.6



#32
Benzoic acid
Concen: 81.816 ng
RT: 7.78 min Scan# 968
Delta R.T. 0.03 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Tgt Ion:122 Resp: 984188
Ion Ratio Lower Upper
122 100
105 118.1 97.7 137.7
77 84.9 63.0 103.0

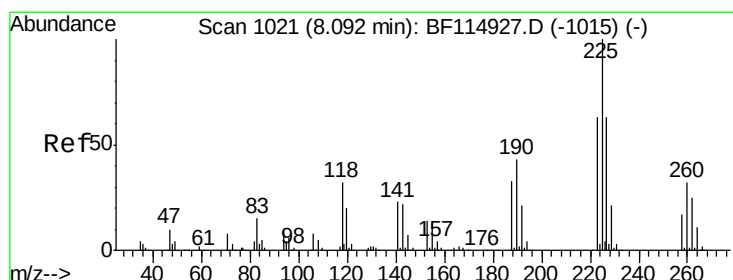
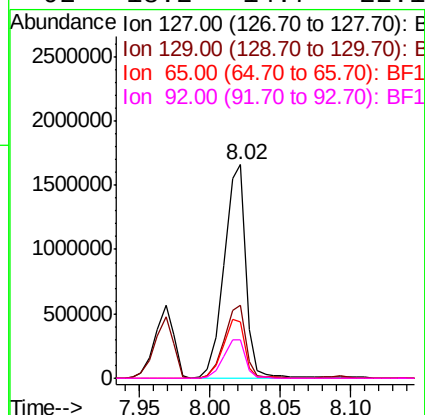
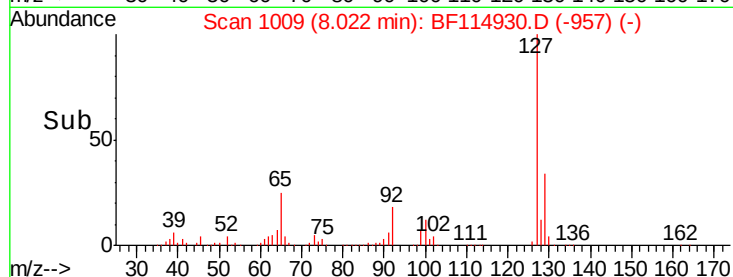
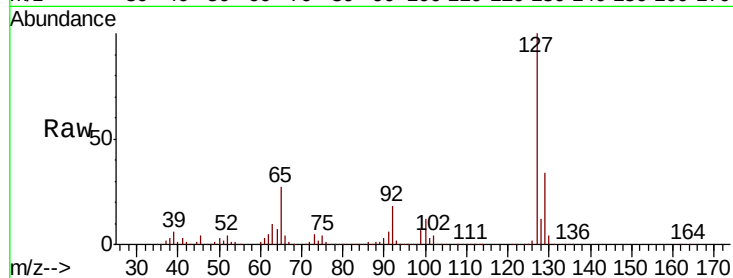




#33
4-Chloroaniline
Concen: 69.308 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.01 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

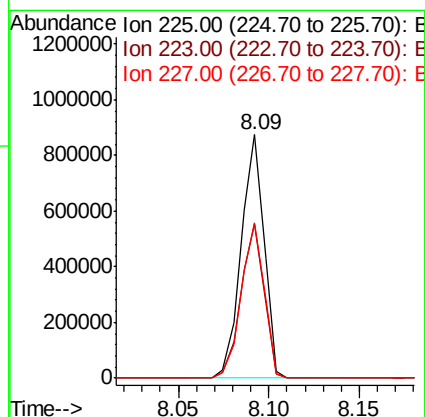
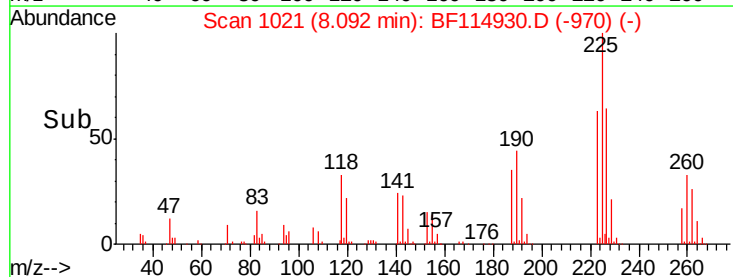
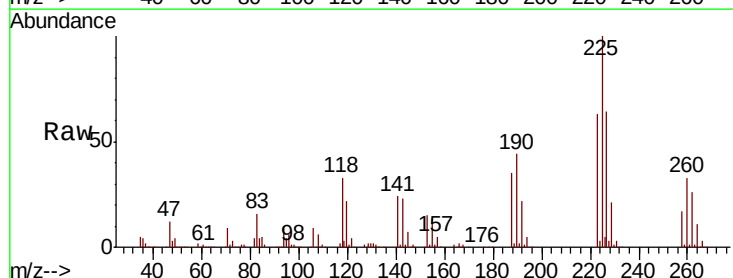
Instrument :
BNA_F
ClientSampled :

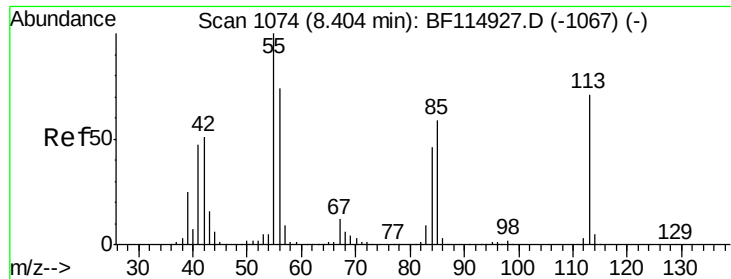
Tot Ion:127 Resp: 1774622
Ion Ratio Lower Upper
127 100
129 34.1 26.6 40.0
65 26.6 21.5 32.3
92 18.2 14.7 22.1



#34
Hexachlorobutadiene
Concen: 67.429 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Tgt Ion:225 Resp: 764326
Ion Ratio Lower Upper
225 100
223 63.4 50.6 75.8
227 63.8 50.6 75.8

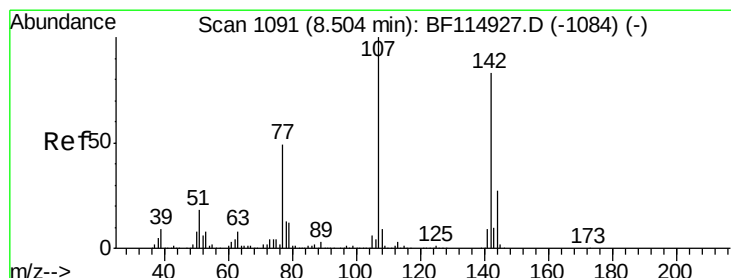
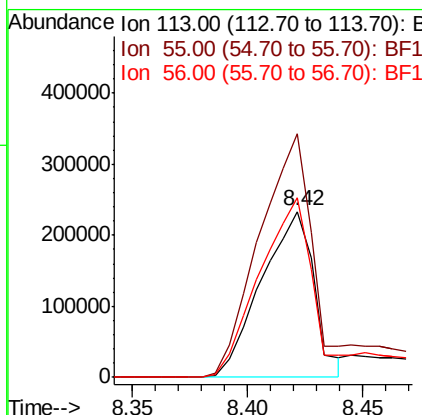
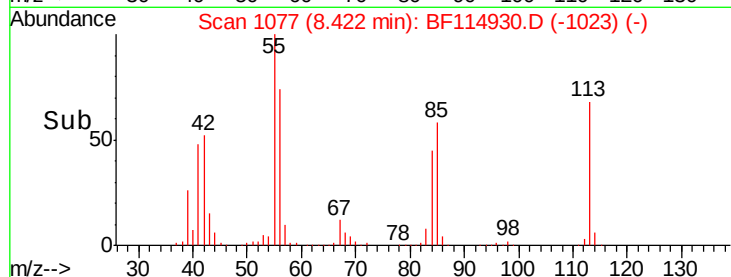
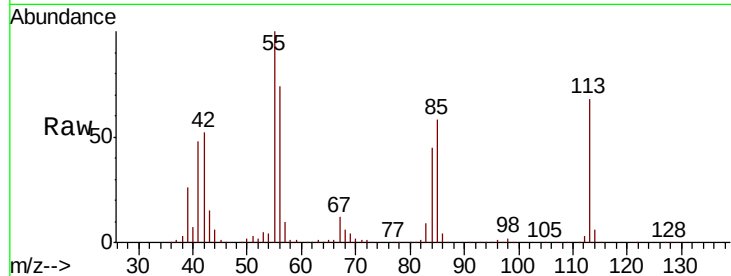




#35
 Caprolactam
 Concen: 64.901 ng
 RT: 8.42 min Scan# 1077
 Delta R.T. 0.02 min
 Lab File: BF114930.D
 Acq: 10 Jun 2019 12:45

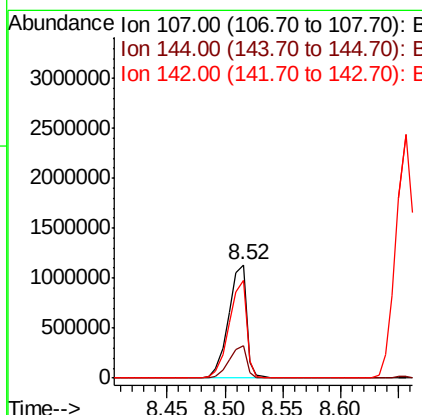
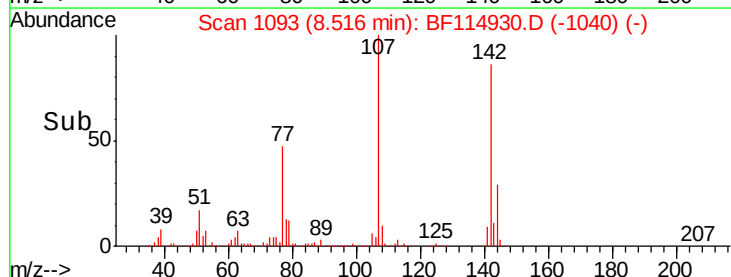
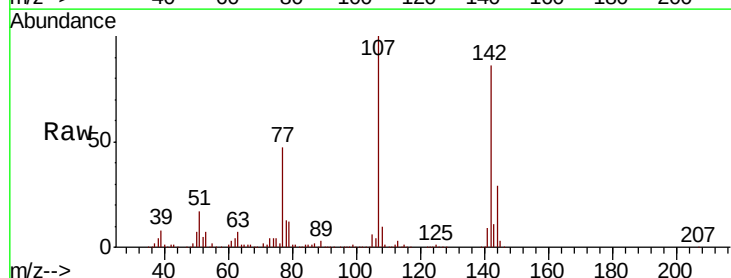
Instrument :
 BNA_F
 ClientSampled :

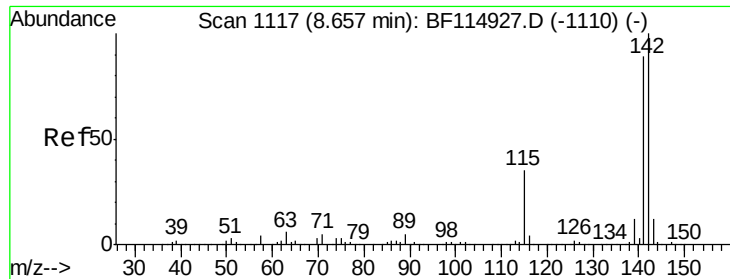
Tot Ion:113 Resp: 368397
 Ion Ratio Lower Upper
 113 100
 55 146.7 120.9 160.9
 56 108.4 84.3 124.3



#36
 4-Chloro-3-methylphenol
 Concen: 71.237 ng
 RT: 8.52 min Scan# 1093
 Delta R.T. 0.01 min
 Lab File: BF114930.D
 Acq: 10 Jun 2019 12:45

Tgt Ion:107 Resp: 1231731
 Ion Ratio Lower Upper
 107 100
 144 28.7 21.6 32.4
 142 86.4 66.1 99.1

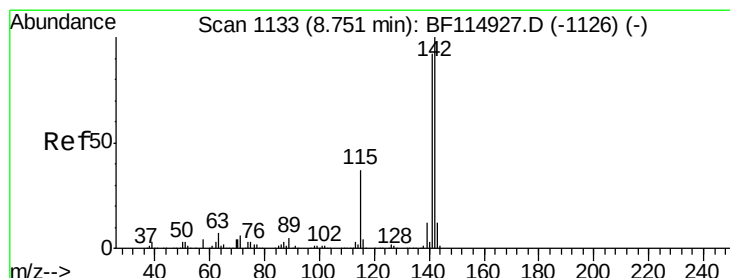
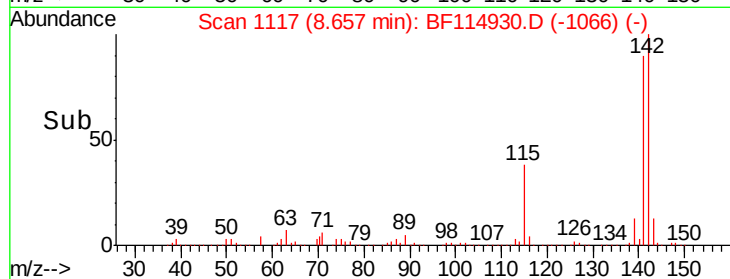
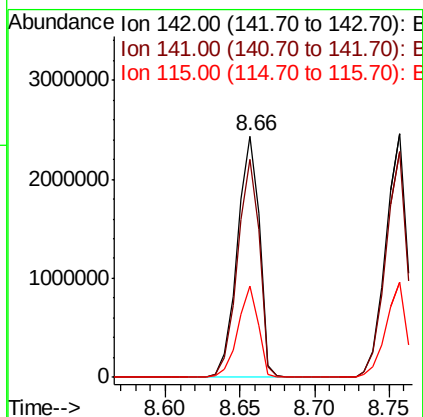
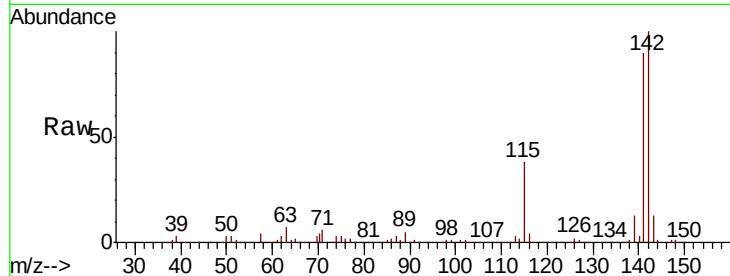




#37
2-Methylnaphthalene
Concen: 67.521 ng
RT: 8.66 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

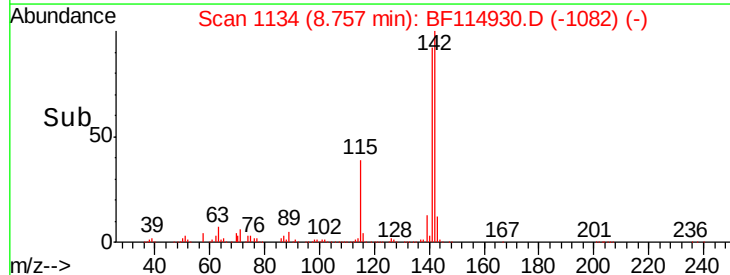
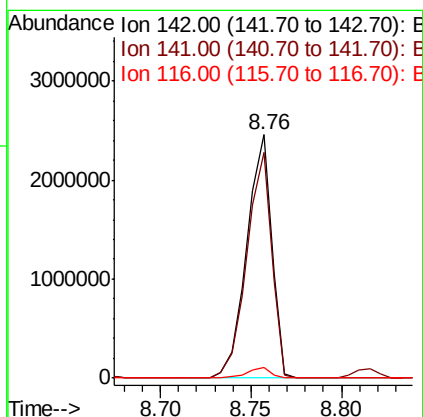
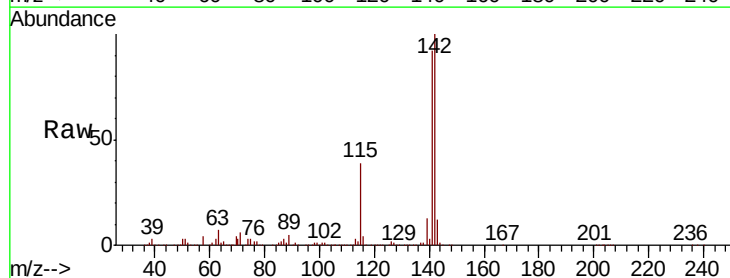
Instrument :
BNA_F
ClientSampleId :

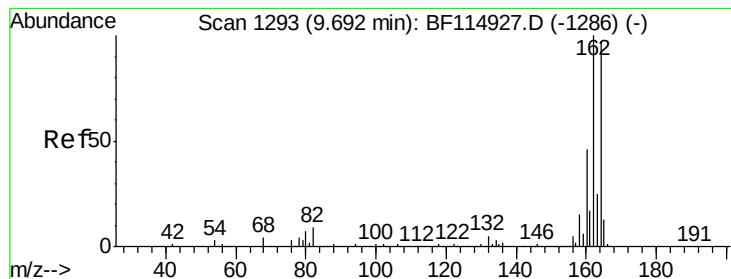
Tot Ion:142 Resp: 2513647
Ion Ratio Lower Upper
142 100
141 90.3 71.1 106.7
115 37.9 27.8 41.6



#38
1-Methylnaphthalene
Concen: 66.810 ng
RT: 8.76 min Scan# 1134
Delta R.T. 0.01 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Tgt Ion:142 Resp: 2358699
Ion Ratio Lower Upper
142 100
141 92.5 73.7 110.5
116 4.2 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: BF114930.D

Acq: 10 Jun 2019 12:45

Instrument :

BNA_F

ClientSampleId :

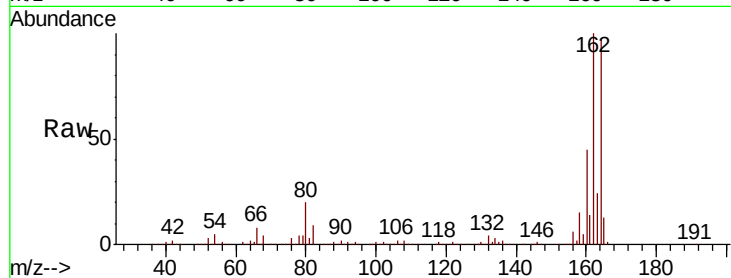
Tot Ion:164 Resp: 593108

Ion Ratio Lower Upper

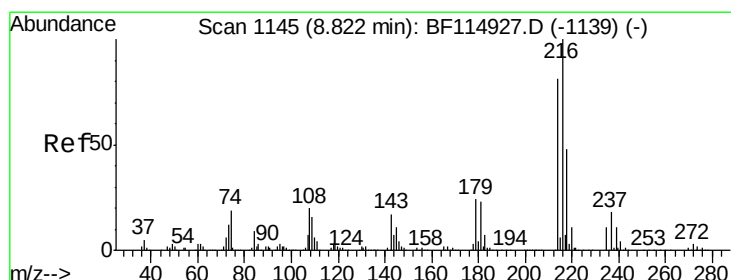
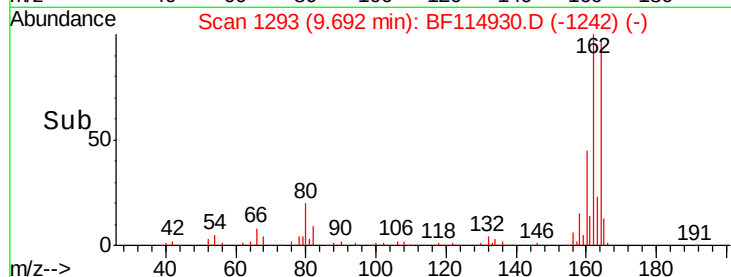
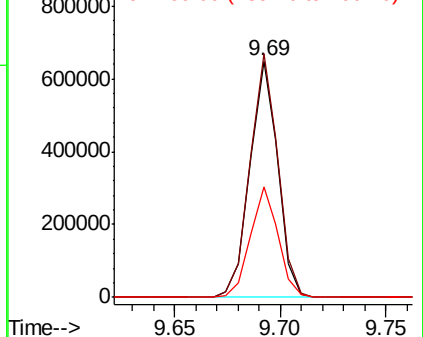
164 100

162 103.1 82.4 123.6

160 46.5 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: 66.392 ng

RT: 8.83 min Scan# 1146

Delta R.T. 0.01 min

Lab File: BF114930.D

Acq: 10 Jun 2019 12:45

Tgt Ion:216 Resp: 1134799

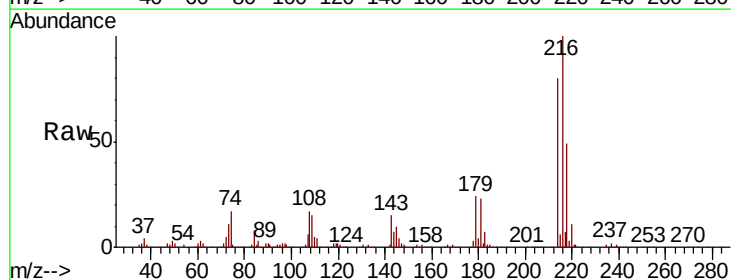
Ion Ratio Lower Upper

216 100

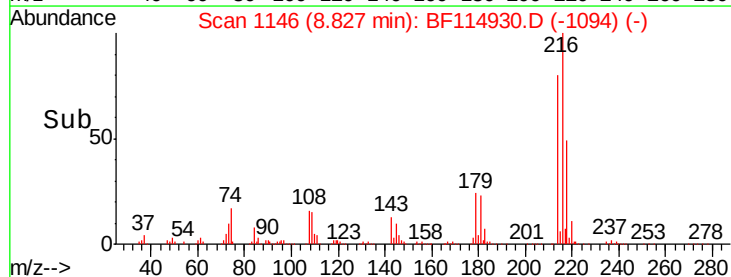
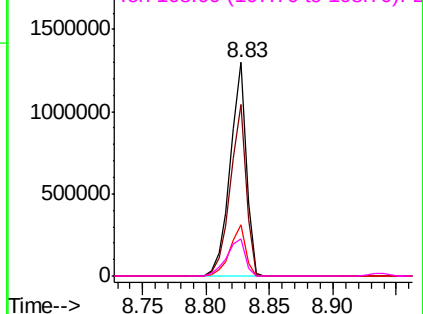
214 80.0 63.8 95.8

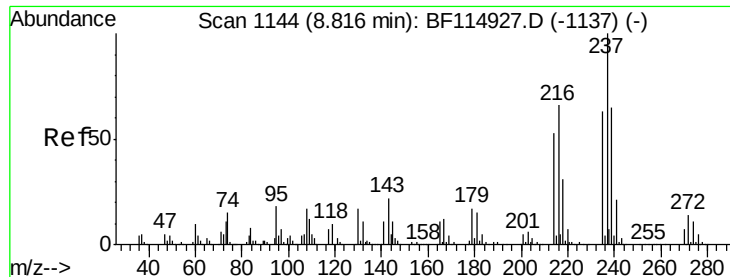
179 23.4 18.5 27.7

108 19.8 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: 69.823 ng

RT: 8.82 min Scan# 1144

Delta R.T. -0.00 min

Lab File: BF114930.D

Acq: 10 Jun 2019 12:45

Instrument :

BNA_F

ClientSampleId :

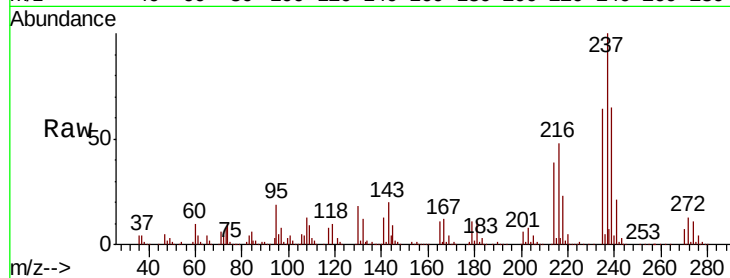
Tot Ion:237 Resp: 723814

Ion Ratio Lower Upper

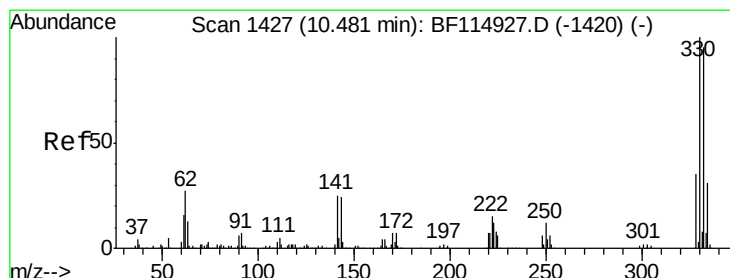
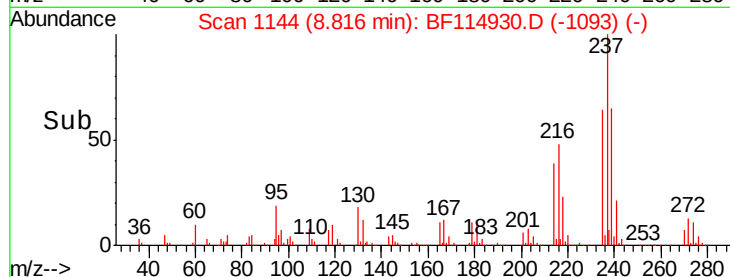
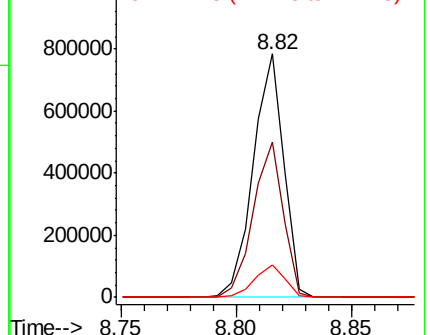
237 100

235 63.6 43.3 83.3

272 13.3 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: 138.144 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.00 min

Lab File: BF114930.D

Acq: 10 Jun 2019 12:45

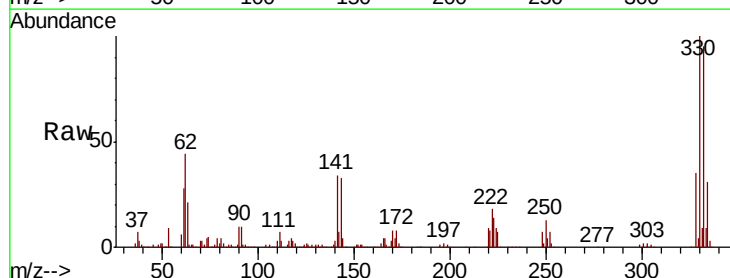
Tgt Ion:330 Resp: 882969

Ion Ratio Lower Upper

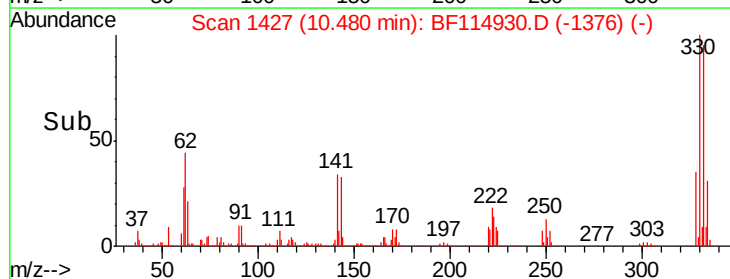
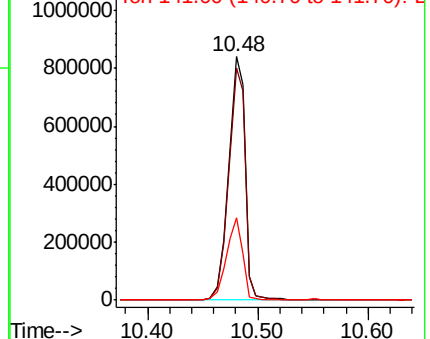
330 100

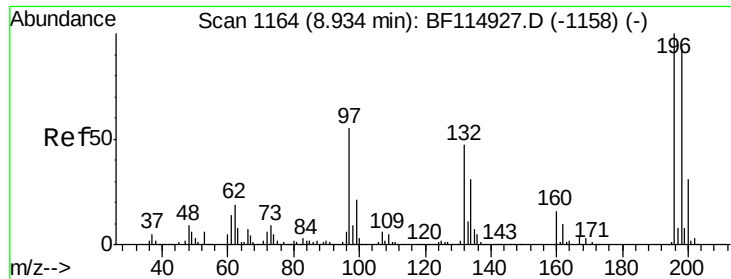
332 96.3 76.4 114.6

141 33.0 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

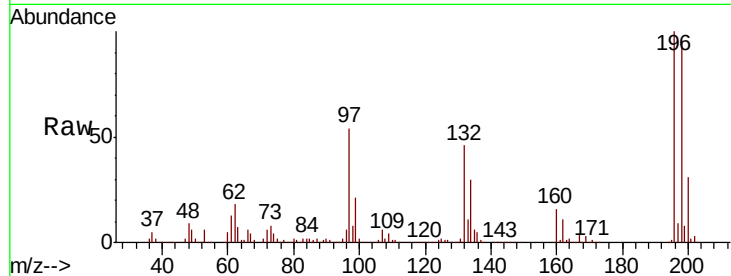




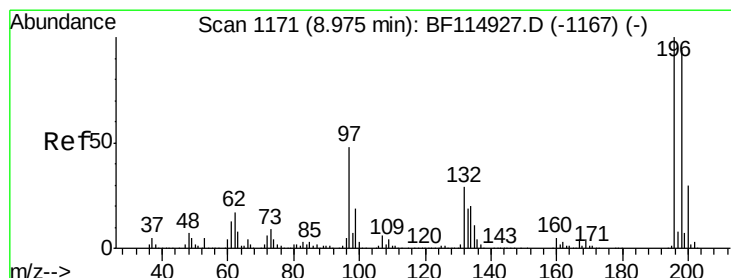
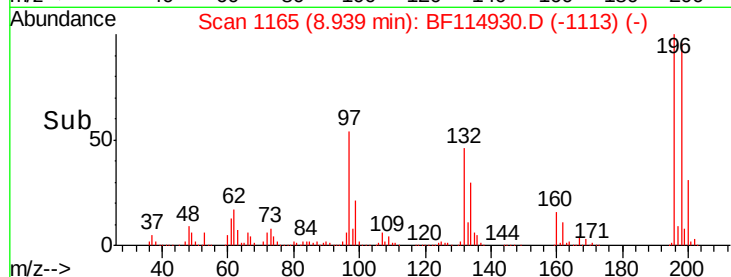
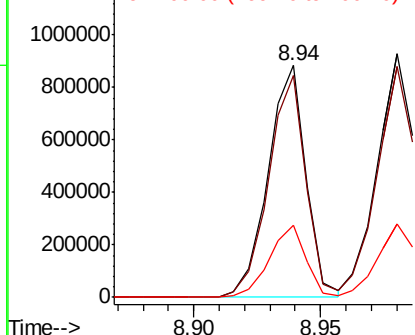
#43
 2,4,6-Trichlorophenol
 Concen: 69.340 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. 0.01 min
 Lab File: BF114930.D
 Acq: 10 Jun 2019 12:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 921586
 Ion Ratio Lower Upper
 196 100
 198 95.8 74.8 112.2
 200 31.0 24.5 36.7

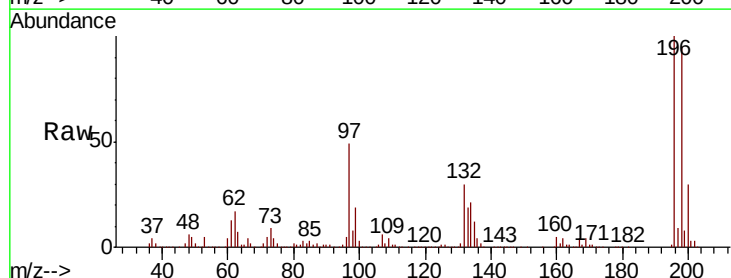


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

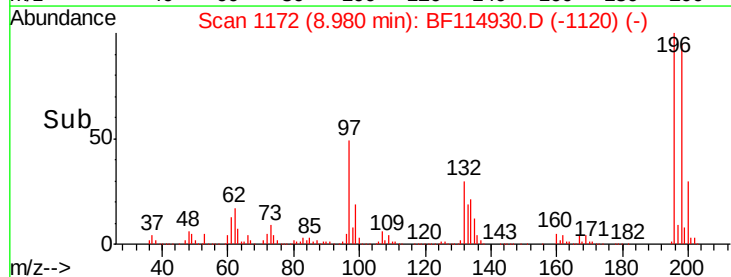
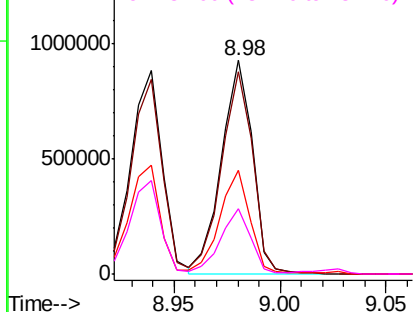


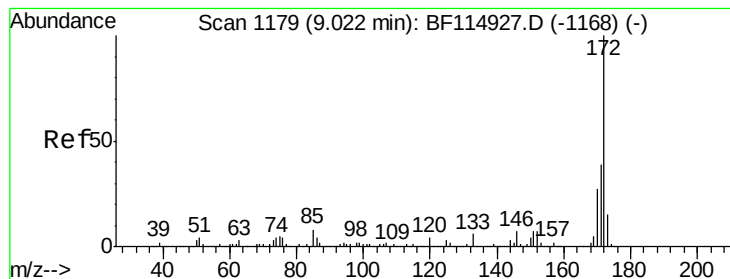
#44
 2,4,5-Trichlorophenol
 Concen: 70.432 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. 0.01 min
 Lab File: BF114930.D
 Acq: 10 Jun 2019 12:45

Tgt Ion:196 Resp: 942754
 Ion Ratio Lower Upper
 196 100
 198 94.6 75.6 113.4
 97 48.8 38.6 57.8
 132 30.3 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

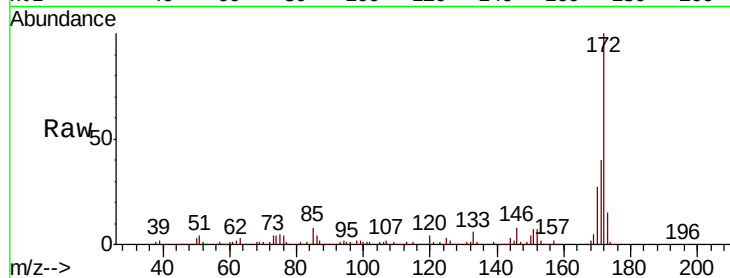




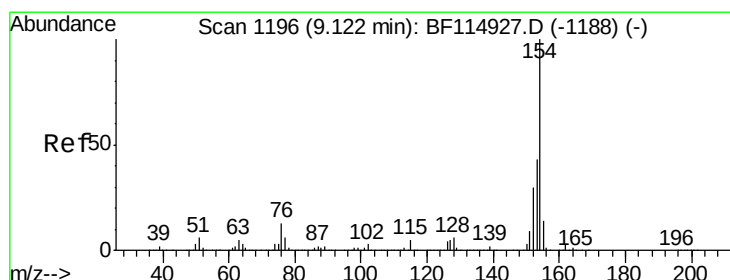
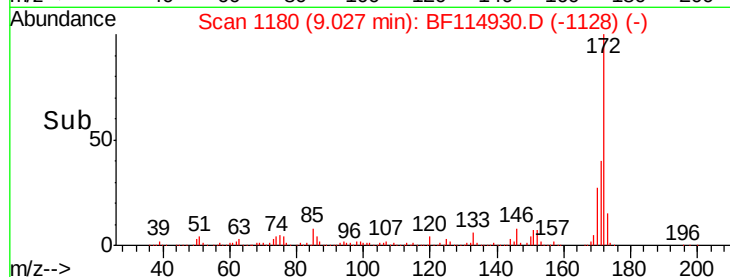
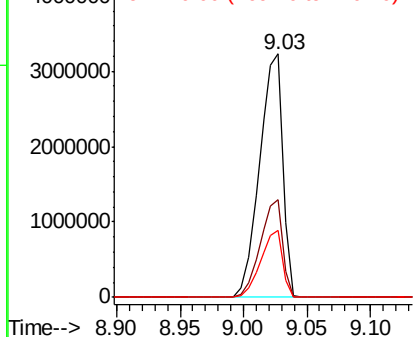
#45
2-Fluorobiphenyl
Concen: 130.713 ng
RT: 9.03 min Scan# 1180
Delta R.T. 0.01 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 4138570
Ion Ratio Lower Upper
172 100
171 40.2 31.3 46.9
170 27.3 21.4 32.0

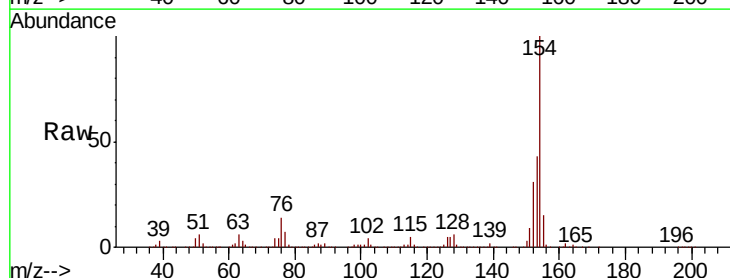


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

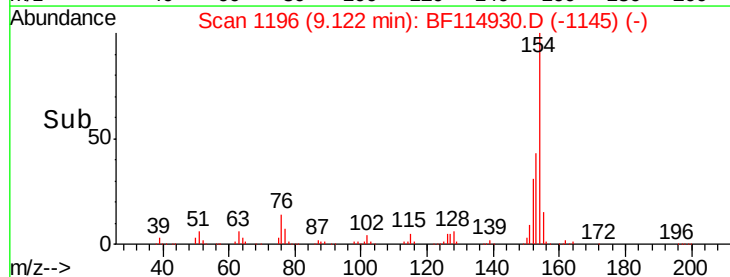
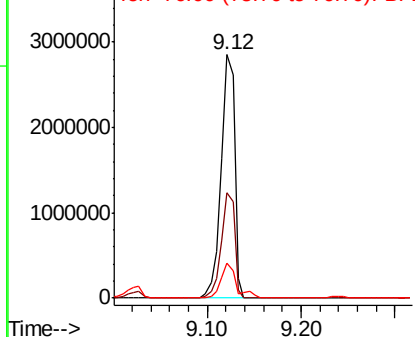


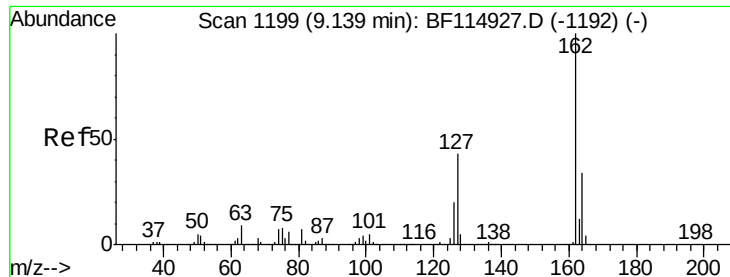
#46
1,1'-Biphenyl
Concen: 65.472 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.00 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Tgt Ion:154 Resp: 2878028
Ion Ratio Lower Upper
154 100
153 43.1 22.8 62.8
76 14.4 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

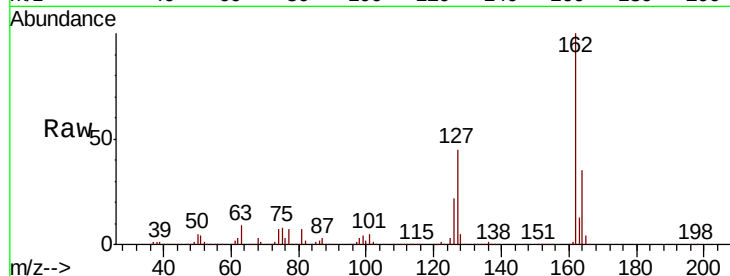




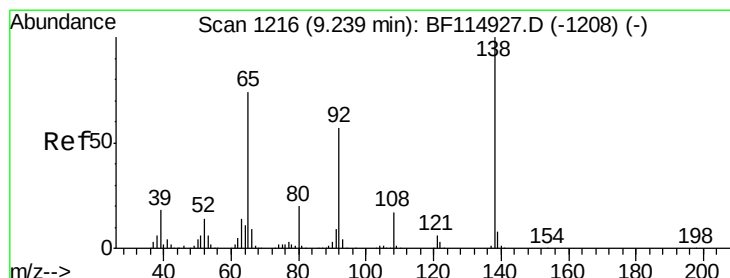
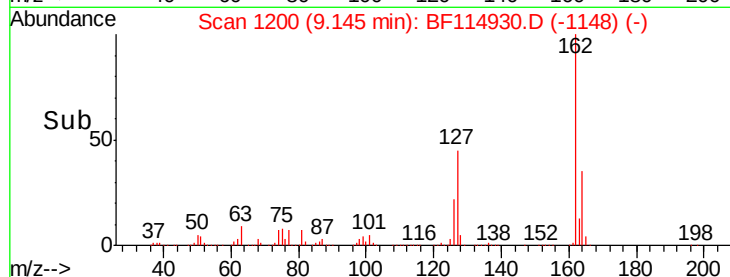
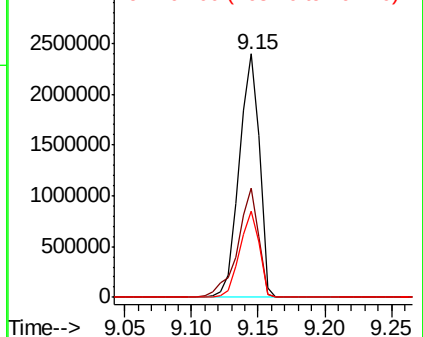
#47
 2-Chloronaphthalene
 Concen: 67.668 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.01 min
 Lab File: BF114930.D
 Acq: 10 Jun 2019 12:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 2527563
 Ion Ratio Lower Upper
 162 100
 127 45.0 34.6 51.8
 164 35.5 27.5 41.3

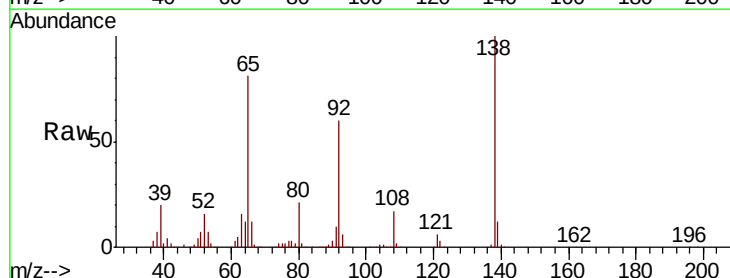


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

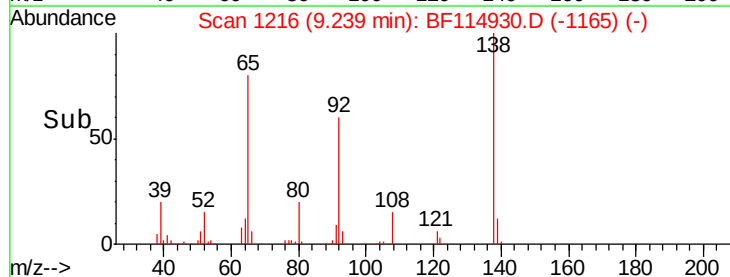
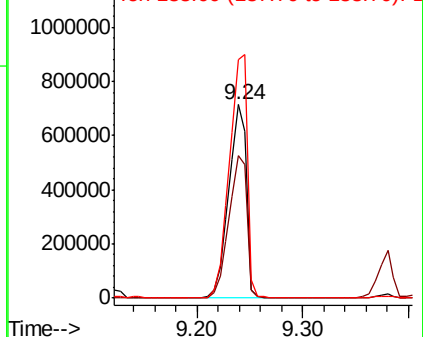


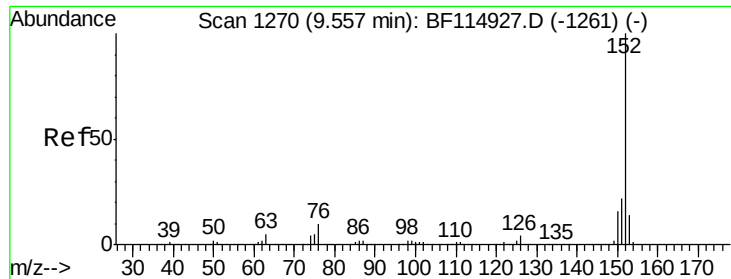
#48
 2-Nitroaniline
 Concen: 73.915 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF114930.D
 Acq: 10 Jun 2019 12:45

Tgt Ion: 65 Resp: 823914
 Ion Ratio Lower Upper
 65 100
 92 73.4 61.9 92.9
 138 123.1 108.6 162.8



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: 66.317 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.00 min

Lab File: BF114930.D

Acq: 10 Jun 2019 12:45

Instrument :

BNA_F

ClientSampleId :

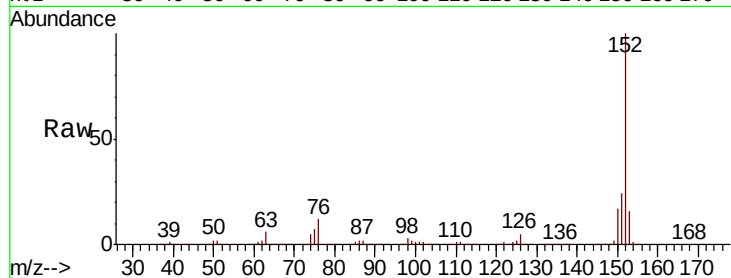
Tot Ion:152 Resp: 3592223

Ion Ratio Lower Upper

152 100

151 23.5 17.6 26.4

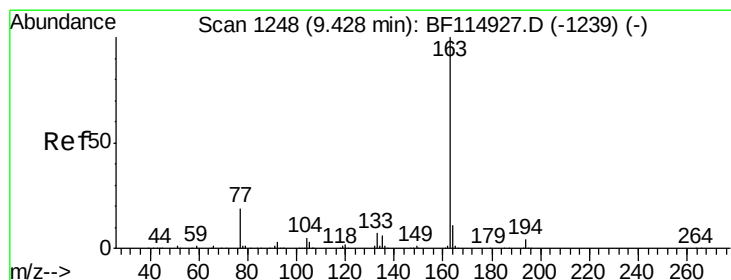
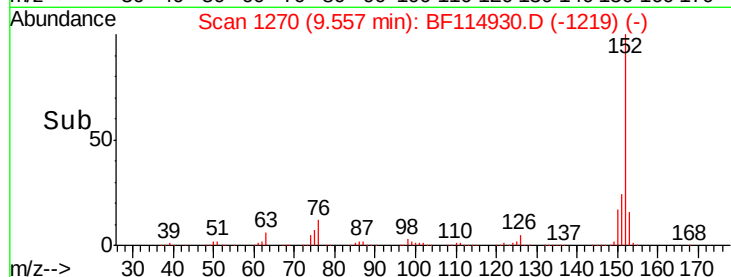
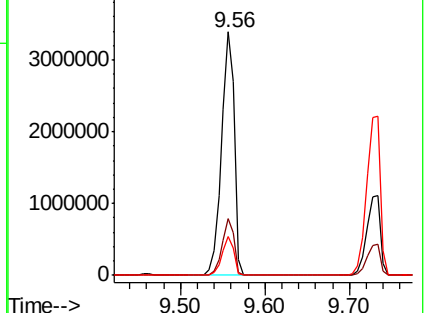
153 15.7 11.4 17.0



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: 70.872 ng

RT: 9.43 min Scan# 1249

Delta R.T. 0.01 min

Lab File: BF114930.D

Acq: 10 Jun 2019 12:45

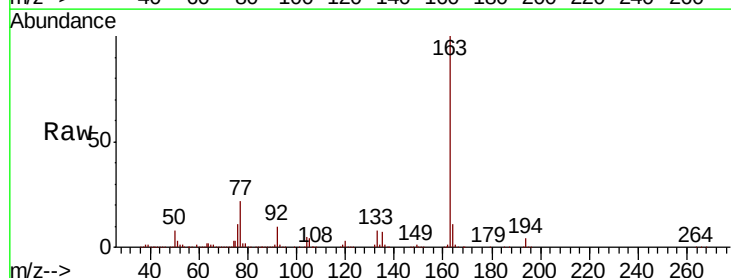
Tgt Ion:163 Resp: 3070067

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.0

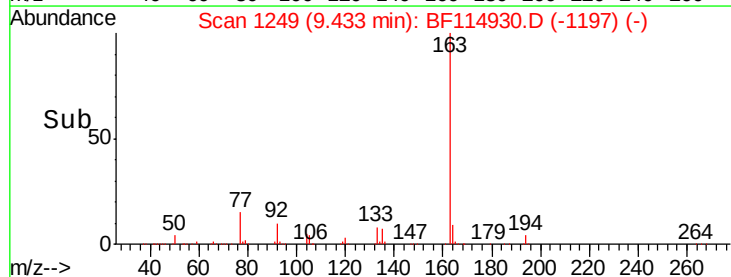
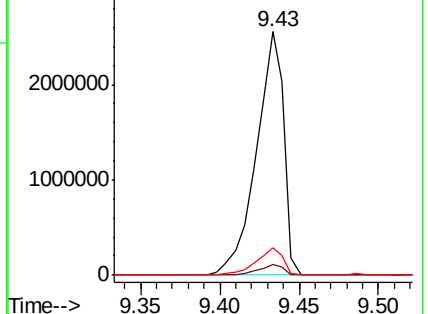
164 11.4 8.7 13.1

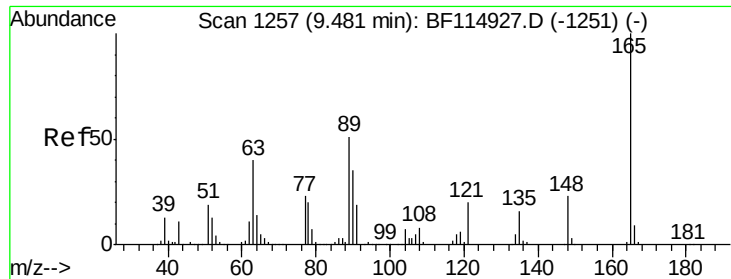


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

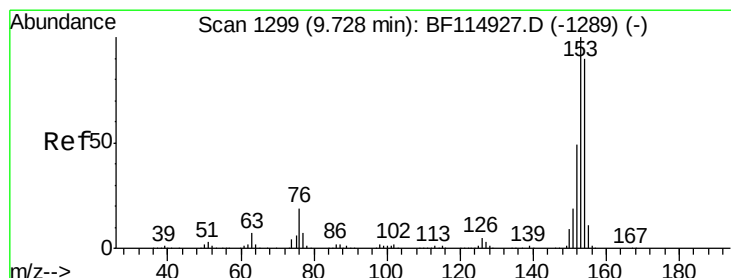
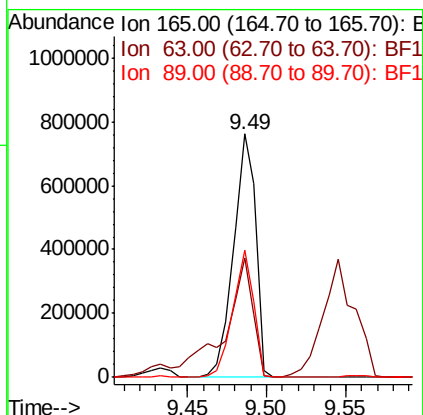
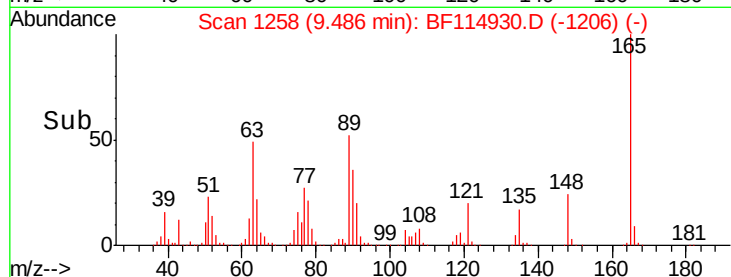
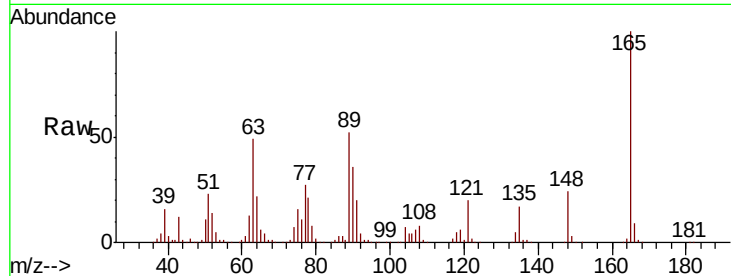




#51
2,6-Dinitrotoluene
Concen: 72.674 ng
RT: 9.49 min Scan# 1258
Delta R.T. 0.01 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

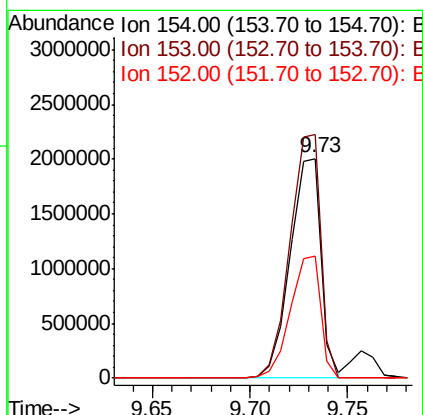
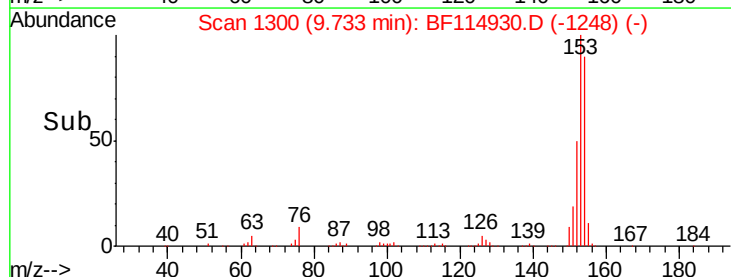
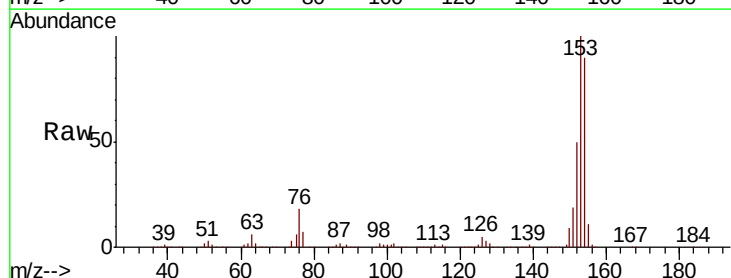
Instrument :
BNA_F
ClientSampled :

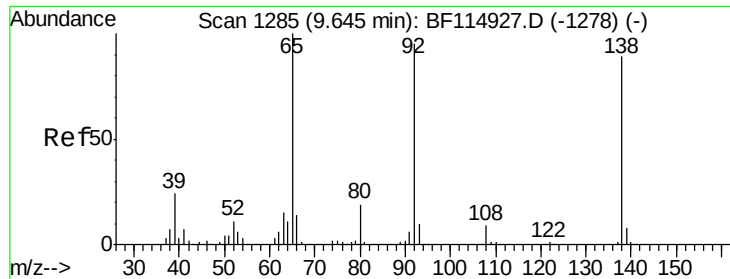
Tot Ion	Ratio	Lower	Upper
165	100		
63	48.8	38.3	57.5
89	52.0	40.8	61.2



#52
Acenaphthene
Concen: 61.914 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.0	89.1	133.7
152	55.5	43.8	65.6

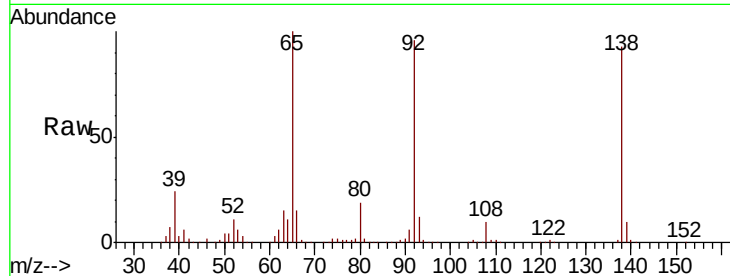




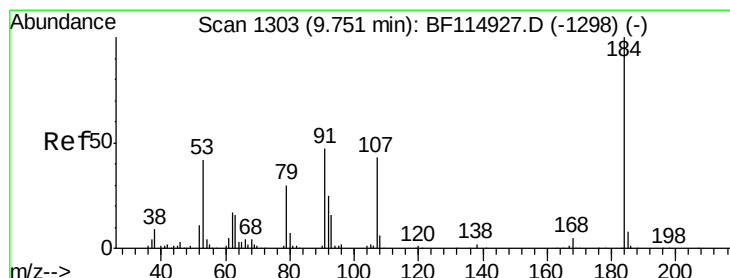
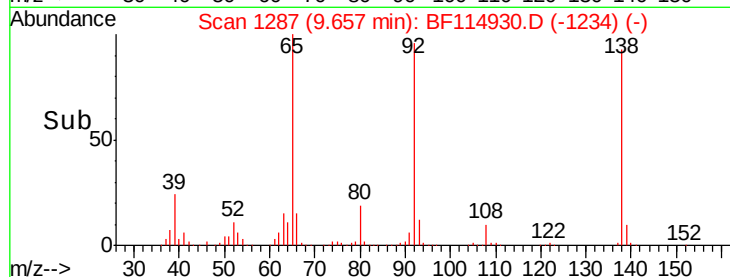
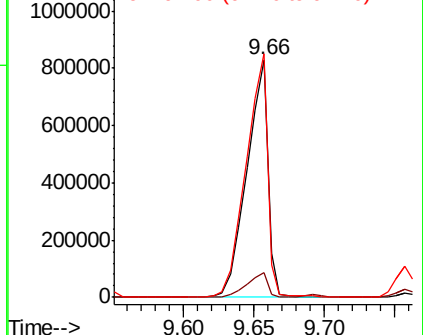
#53
3-Nitroaniline
Concen: 73.056 ng
RT: 9.66 min Scan# 1287
Delta R.T. 0.01 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 869441
Ion Ratio Lower Upper
138 100
108 10.3 7.9 11.9
92 102.5 85.0 127.6

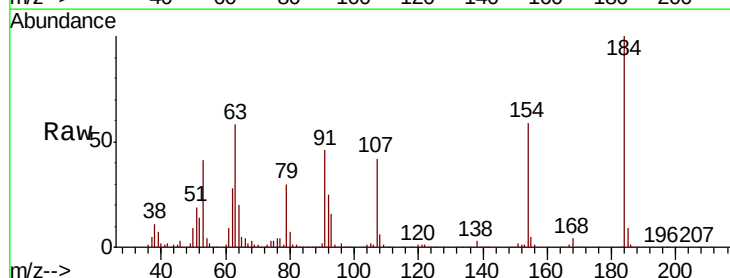


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

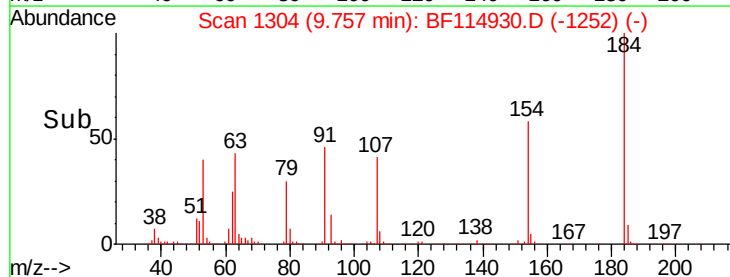
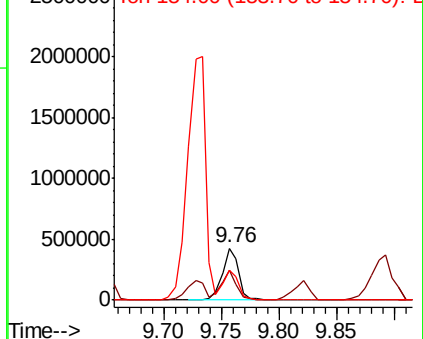


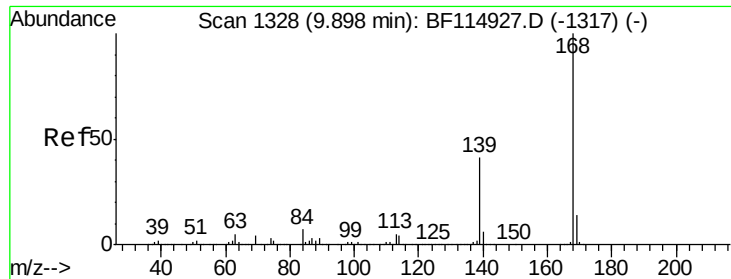
#54
2,4-Dinitrophenol
Concen: 92.427 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.01 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Tgt Ion:184 Resp: 426085
Ion Ratio Lower Upper
184 100
63 58.0 47.4 71.0
154 58.7 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

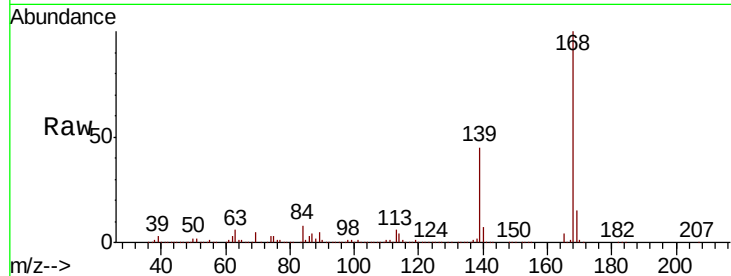




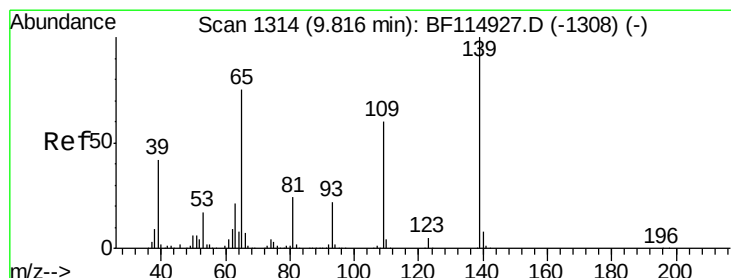
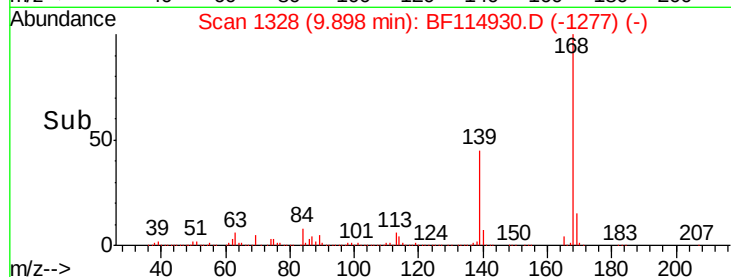
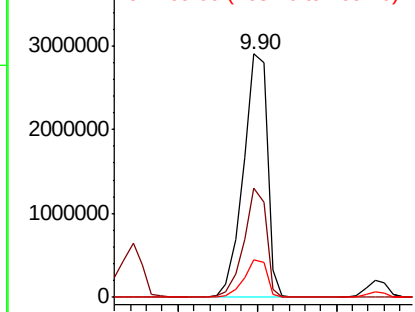
#55
Dibenzofuran
Concen: 61.378 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 3028422
Ion Ratio Lower Upper
168 100
139 44.9 33.0 49.4
169 15.4 11.6 17.4

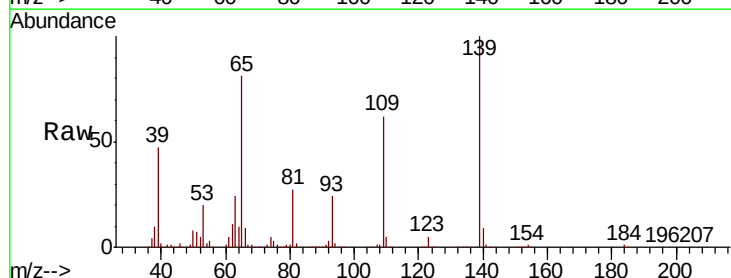


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

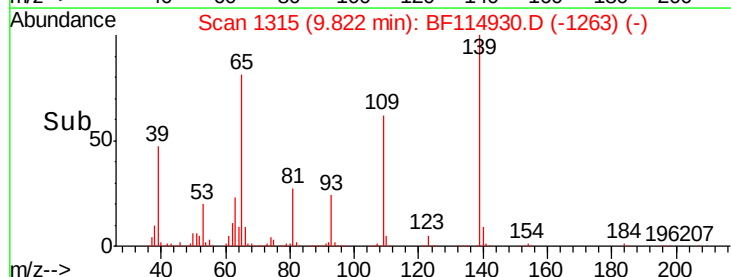
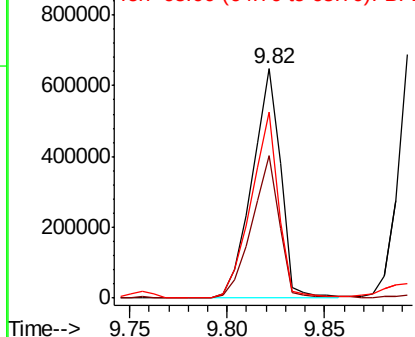


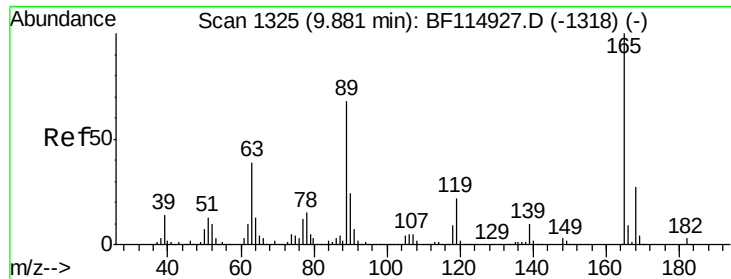
#56
4-Nitrophenol
Concen: 75.223 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Tgt Ion:139 Resp: 655984
Ion Ratio Lower Upper
139 100
109 62.1 40.0 80.0
65 81.0 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

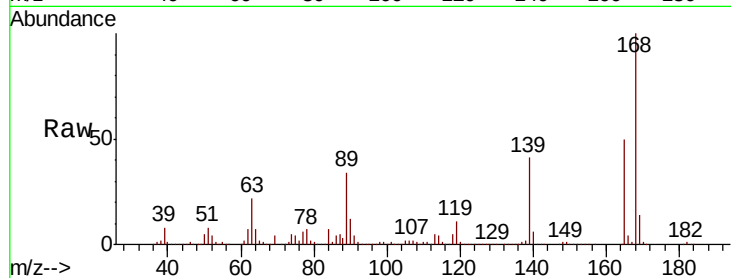




#57
2,4-Dinitrotoluene
Concen: 70.342 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.1	31.8	47.6
89	67.8	54.2	81.2
182	2.7	2.1	3.1



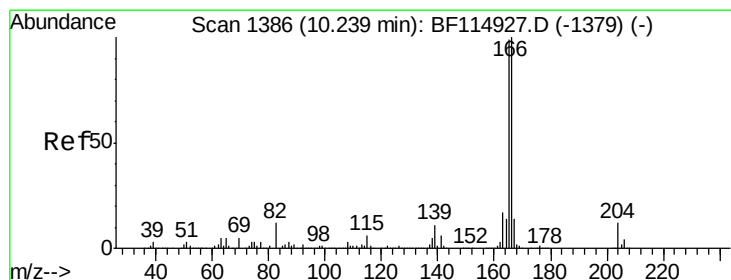
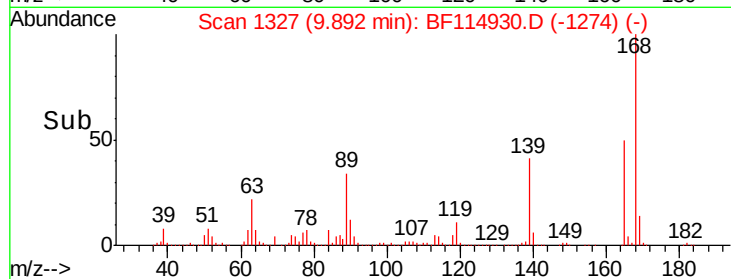
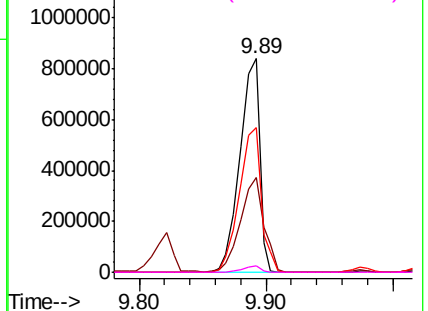
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

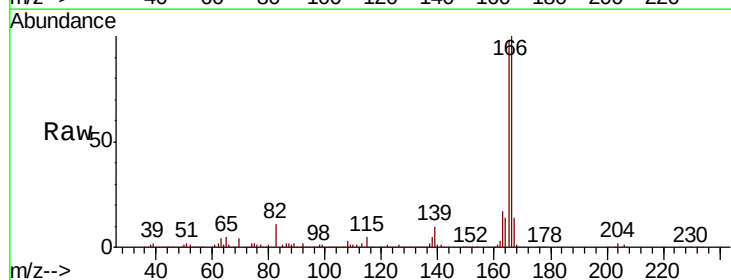
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 62.555 ng
RT: 10.24 min Scan# 1387
Delta R.T. 0.01 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	79.2	118.8
167	13.7	11.0	16.6

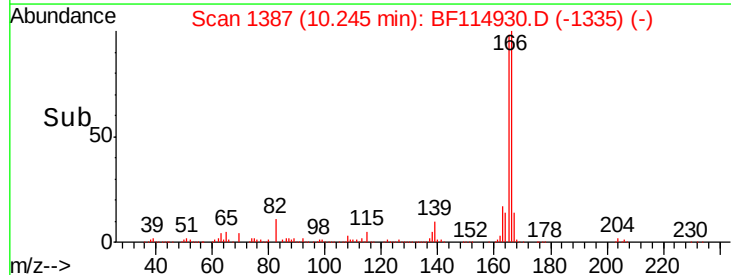
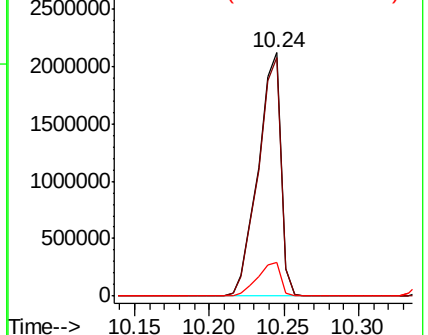


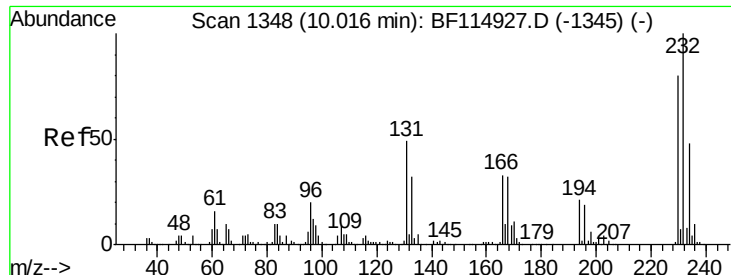
Abundance

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

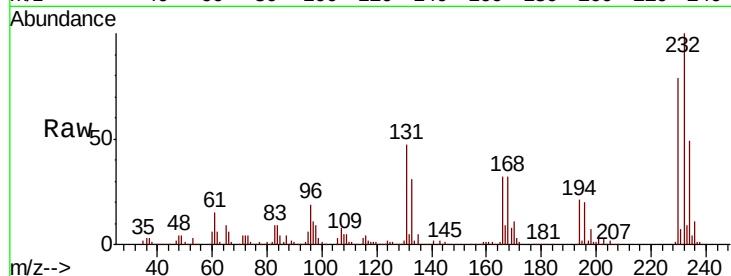




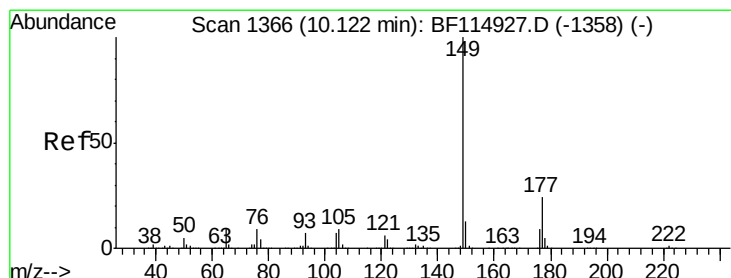
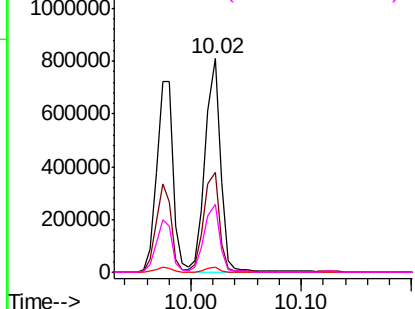
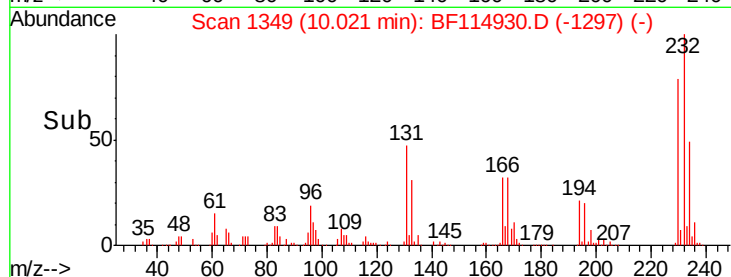
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 68.944 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. 0.01 min
 Lab File: BF114930.D
 Acq: 10 Jun 2019 12:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 756063
 Ion Ratio Lower Upper
 232 100
 131 47.5 37.0 55.4
 130 2.3 1.8 2.6
 166 32.1 25.0 37.6

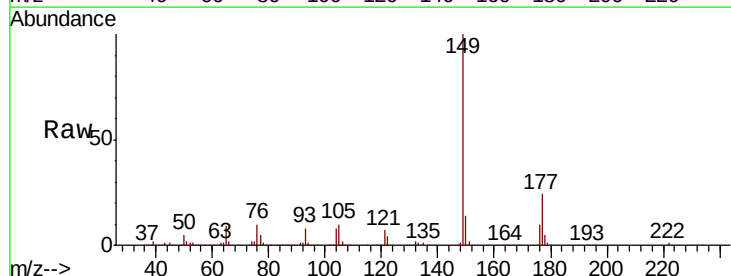


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

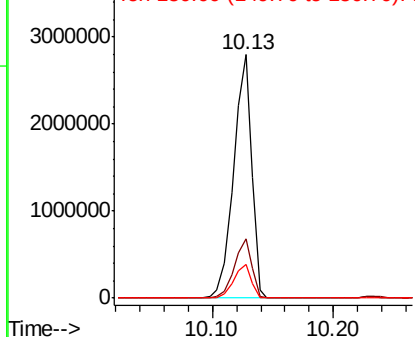
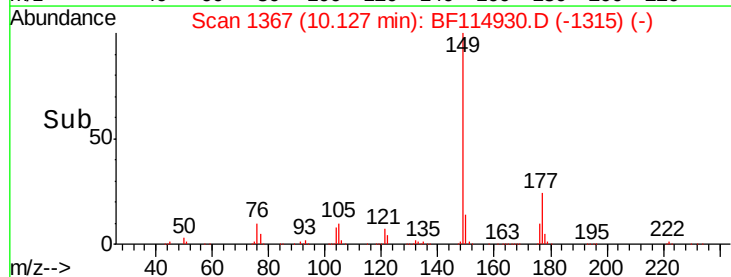


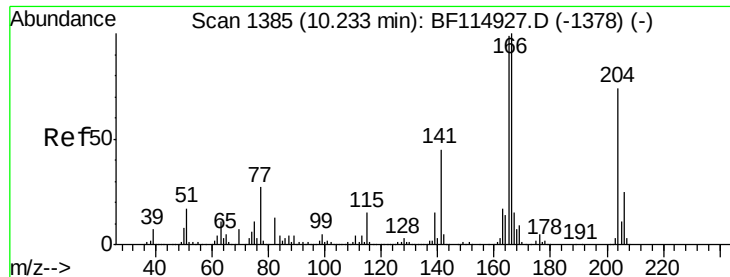
#60
 Diethylphthalate
 Concen: 66.933 ng
 RT: 10.13 min Scan# 1367
 Delta R.T. 0.01 min
 Lab File: BF114930.D
 Acq: 10 Jun 2019 12:45

Tgt Ion:149 Resp: 2909435
 Ion Ratio Lower Upper
 149 100
 177 24.5 19.1 28.7
 150 13.7 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

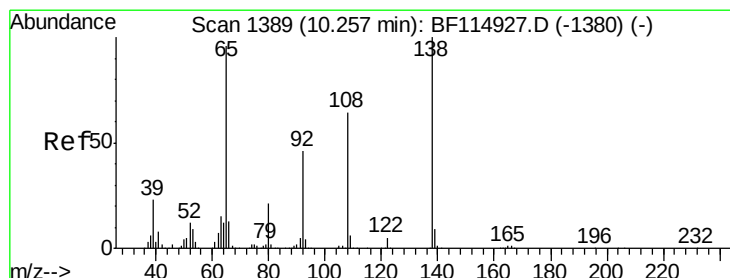
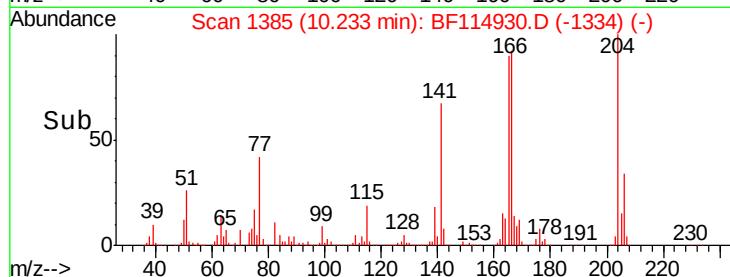
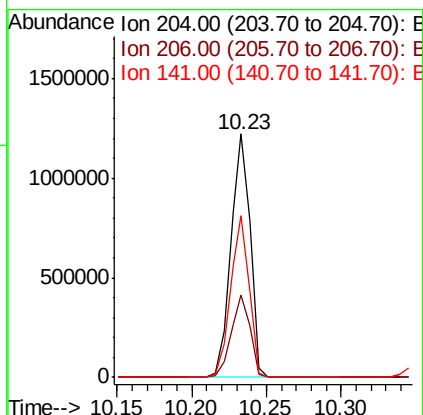
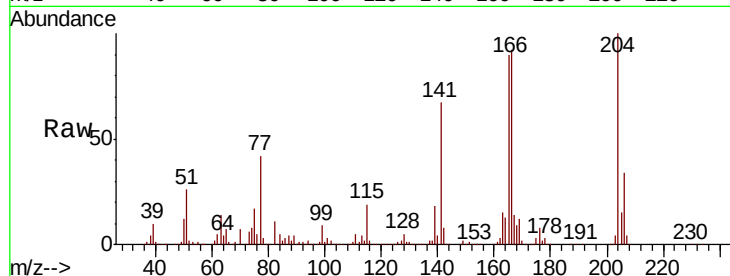




#61
4-Chlorophenyl-phenylether
Concen: 58.859 ng
RT: 10.23 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

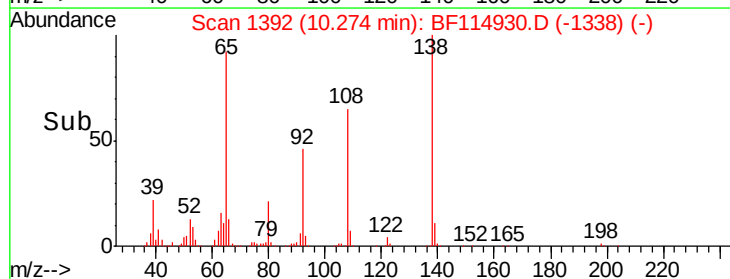
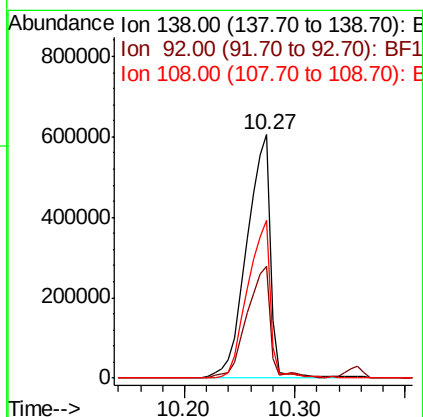
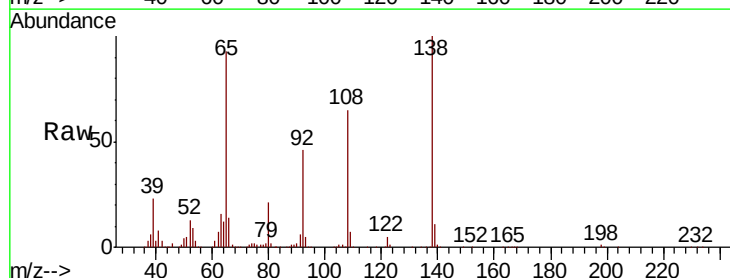
Instrument :
BNA_F
ClientSampleId :

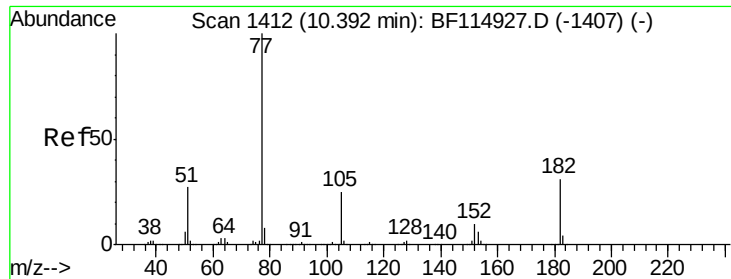
Tot Ion:204 Resp: 1112319
Ion Ratio Lower Upper
204 100
206 33.9 26.8 40.2
141 66.6 48.5 72.7



#62
4-Nitroaniline
Concen: 79.522 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.02 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Tgt Ion:138 Resp: 917921
Ion Ratio Lower Upper
138 100
92 45.7 26.0 66.0
108 64.7 44.0 84.0

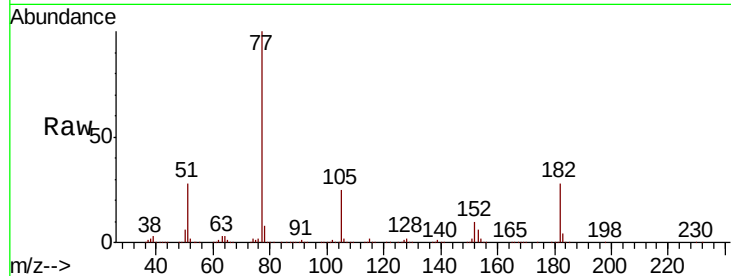




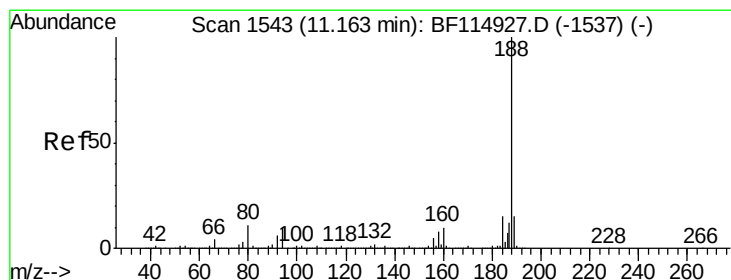
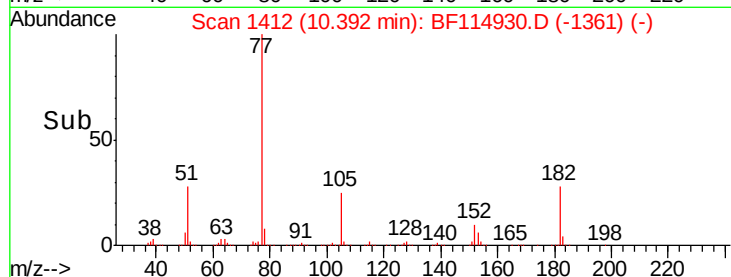
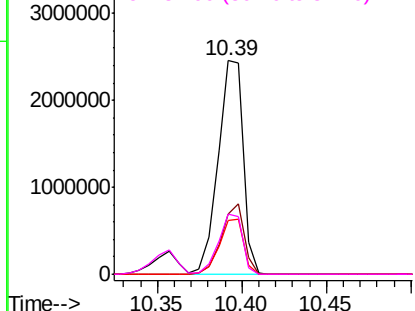
#63
Azobenzene
Concen: 68.544 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 2536180
Ion Ratio Lower Upper
77 100
182 28.2 10.8 50.8
105 25.1 5.3 45.3
51 28.3 6.8 46.8

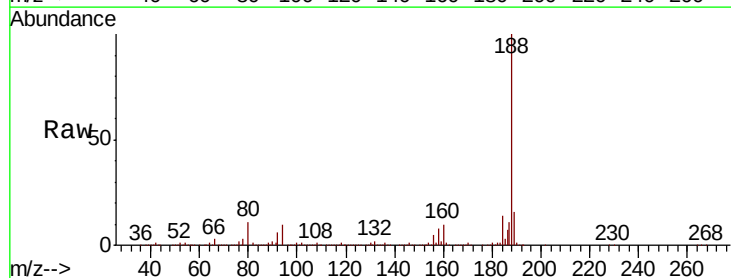


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

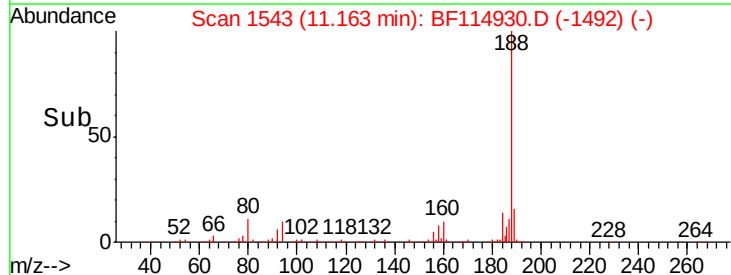
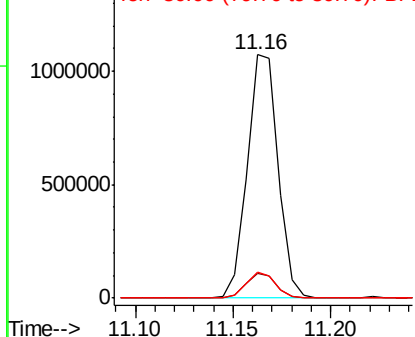


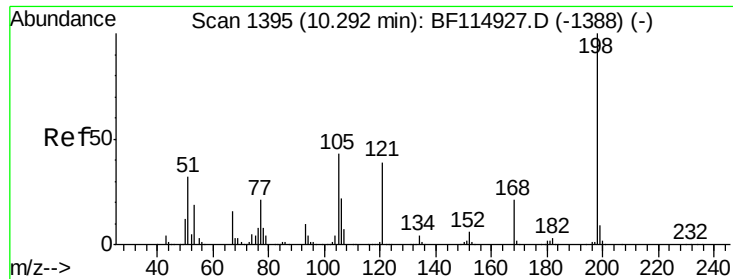
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.00 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Tgt Ion: 188 Resp: 1170189
Ion Ratio Lower Upper
188 100
94 10.2 8.1 12.1
80 10.9 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

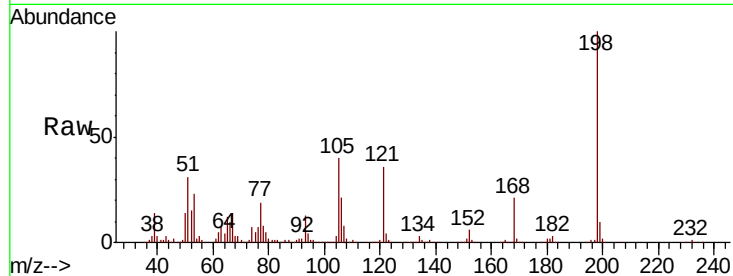




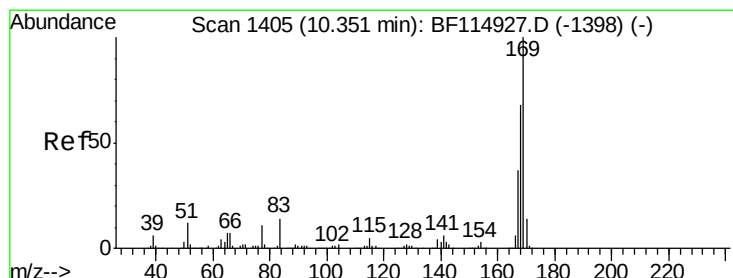
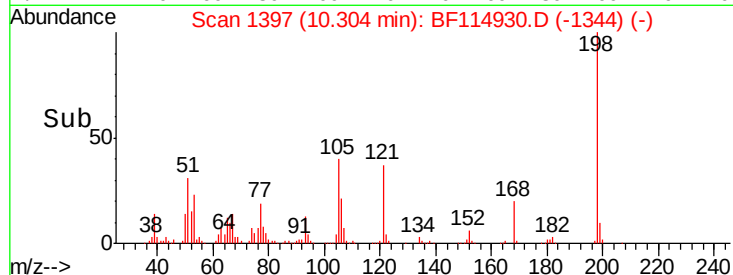
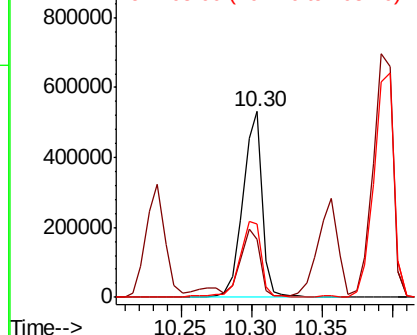
#65
4,6-Dinitro-2-methylphenol
Concen: 83.165 ng
RT: 10.30 min Scan# 1397
Delta R.T. 0.01 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 505527
Ion Ratio Lower Upper
198 100
51 31.4 16.8 56.8
105 39.8 23.5 63.5

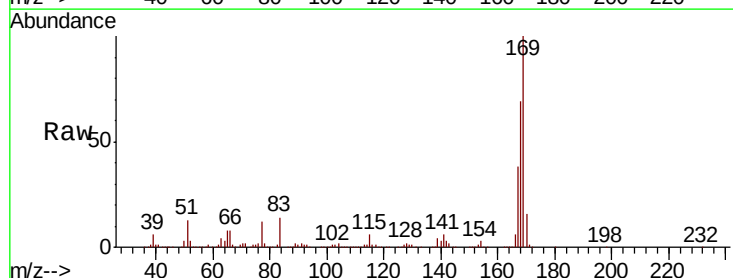


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

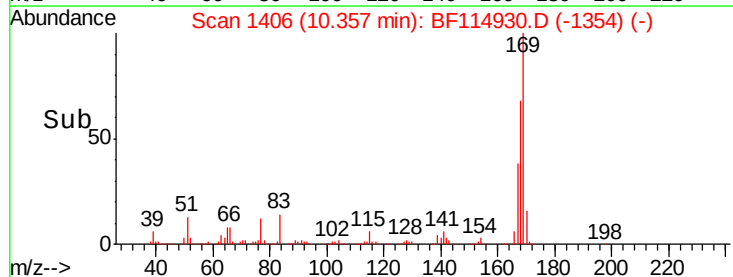
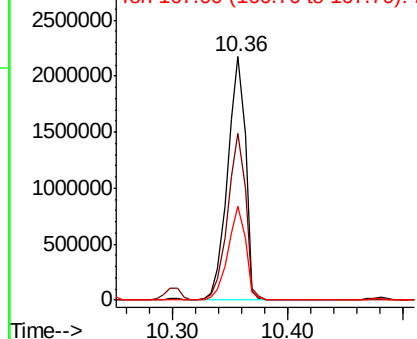


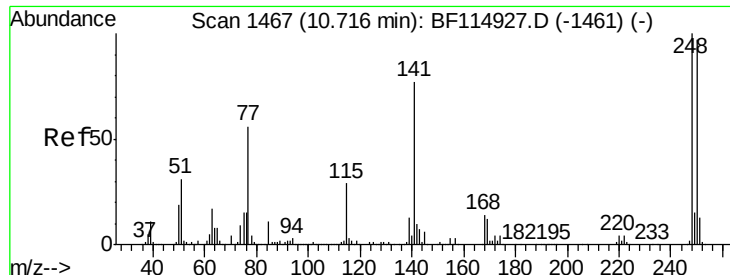
#66
n-Nitrosodiphenylamine
Concen: 65.372 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.01 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Tgt Ion:169 Resp: 2313139
Ion Ratio Lower Upper
169 100
168 68.6 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

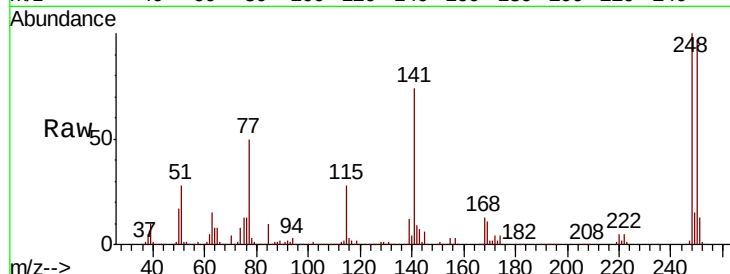




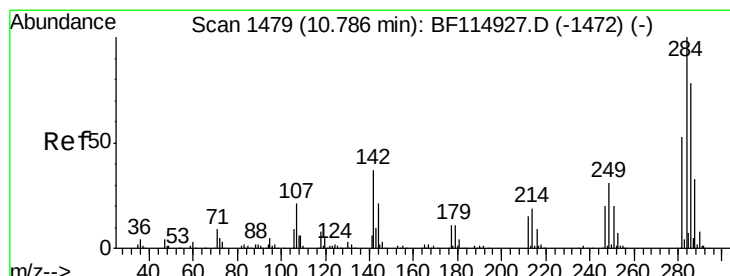
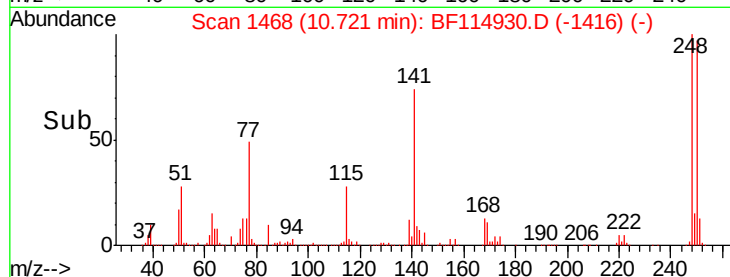
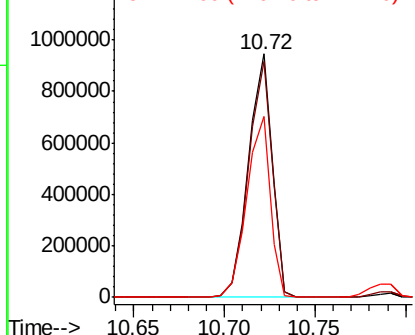
#67
 4-Bromophenyl-phenylether
 Concen: 65.020 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.01 min
 Lab File: BF114930.D
 Acq: 10 Jun 2019 12:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 864139
 Ion Ratio Lower Upper
 248 100
 250 97.0 77.4 116.0
 141 74.1 61.8 92.6

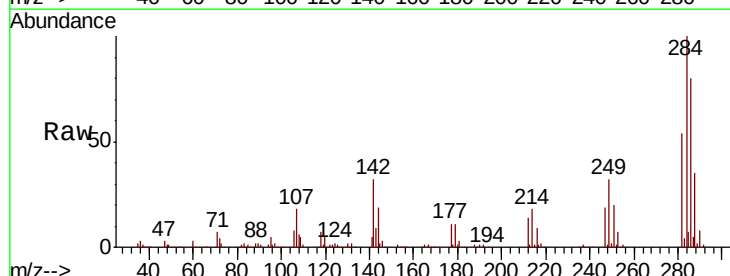


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

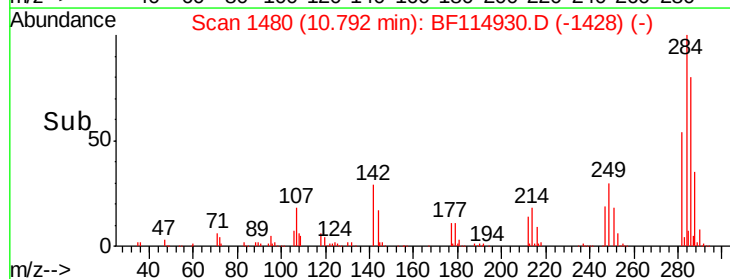
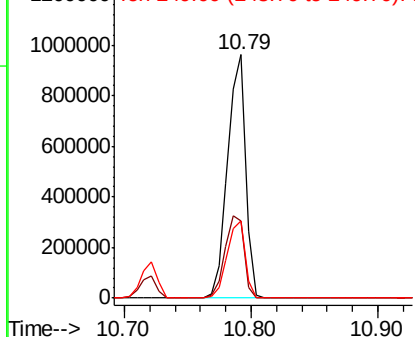


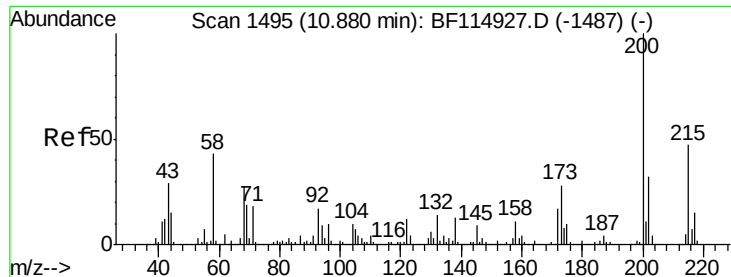
#68
 Hexachlorobenzene
 Concen: 64.877 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. 0.01 min
 Lab File: BF114930.D
 Acq: 10 Jun 2019 12:45

Tgt Ion:284 Resp: 943657
 Ion Ratio Lower Upper
 284 100
 142 31.9 29.3 43.9
 249 31.7 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: 64.691 ng

RT: 10.89 min Scan# 1496

Delta R.T. 0.01 min

Lab File: BF114930.D

Acq: 10 Jun 2019 12:45

Instrument :

BNA_F

ClientSampleId :

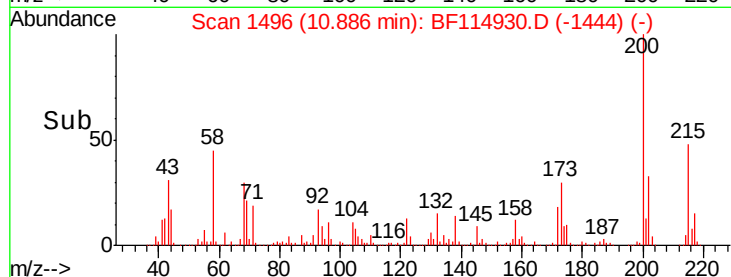
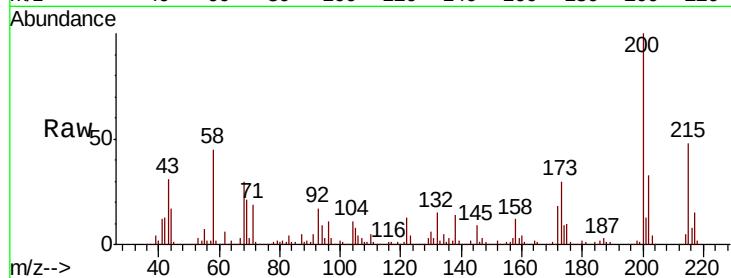
Tot Ion:200 Resp: 796099

Ion Ratio Lower Upper

200 100

173 29.6 8.3 48.3

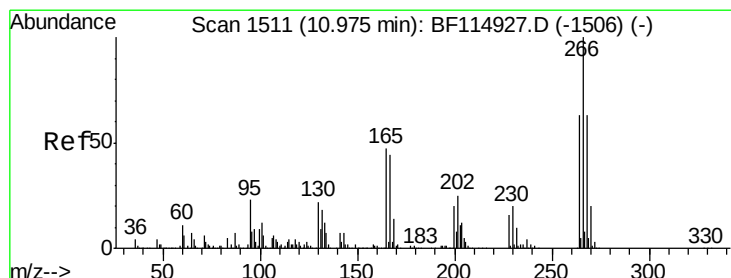
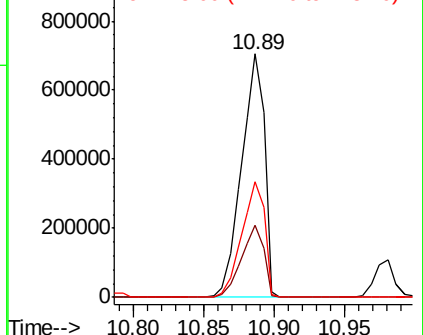
215 47.6 26.6 66.6



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: 69.146 ng

RT: 10.98 min Scan# 1512

Delta R.T. 0.01 min

Lab File: BF114930.D

Acq: 10 Jun 2019 12:45

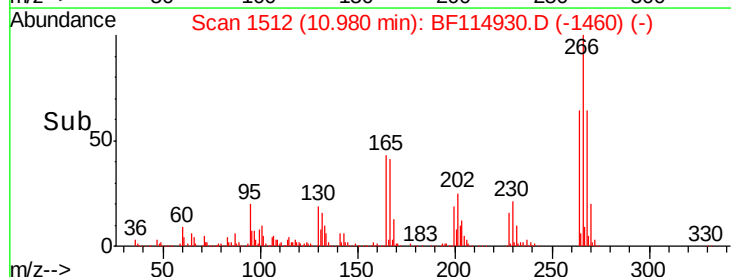
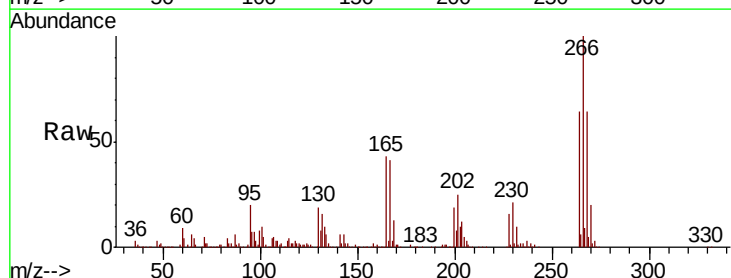
Tgt Ion:266 Resp: 581418

Ion Ratio Lower Upper

266 100

268 64.4 50.8 76.2

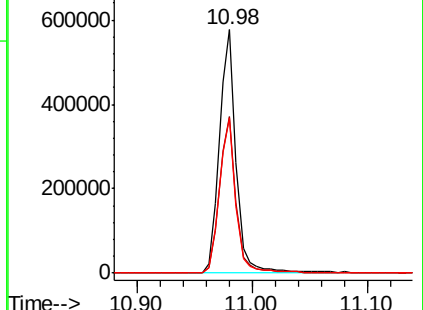
264 63.7 50.4 75.6

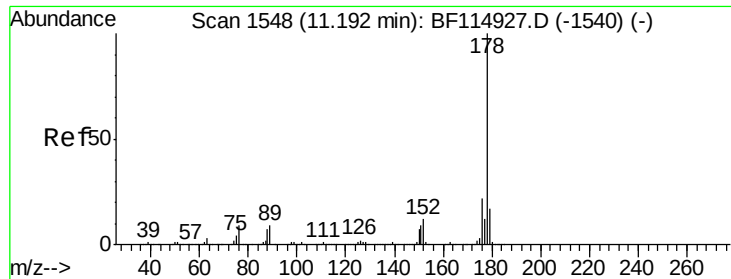


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 65.653 ng

RT: 11.20 min Scan# 1549

Delta R.T. 0.01 min

Lab File: BF114930.D

Acq: 10 Jun 2019 12:45

Instrument :

BNA_F

ClientSampleId :

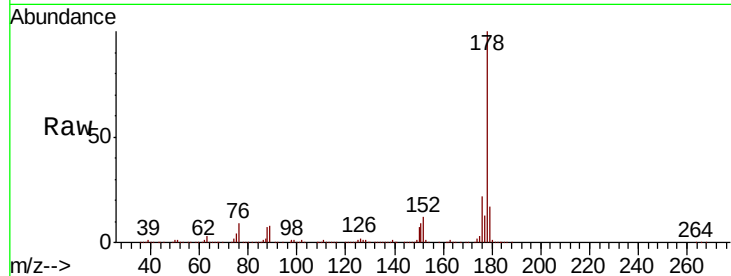
Tot Ion:178 Resp: 3667631

Ion Ratio Lower Upper

178 100

176 22.4 17.4 26.2

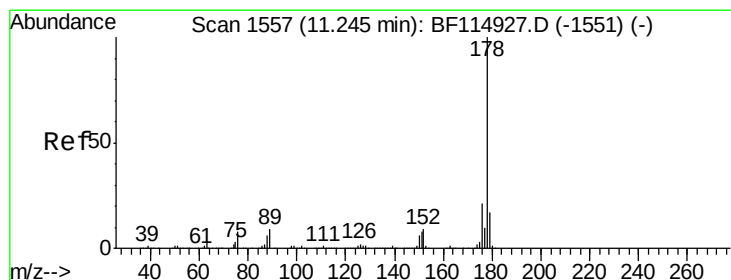
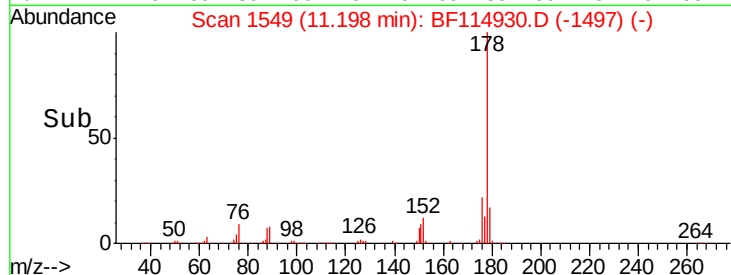
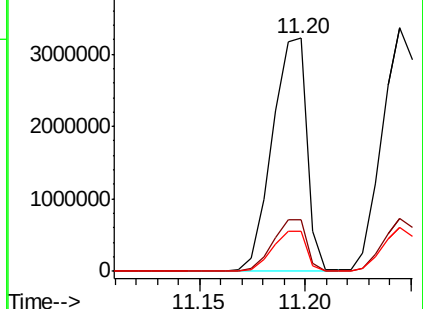
179 17.2 13.6 20.4



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: 63.869 ng

RT: 11.24 min Scan# 1557

Delta R.T. -0.00 min

Lab File: BF114930.D

Acq: 10 Jun 2019 12:45

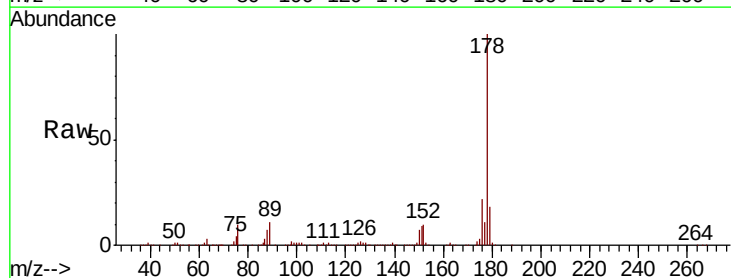
Tgt Ion:178 Resp: 3754917

Ion Ratio Lower Upper

178 100

176 21.9 16.6 25.0

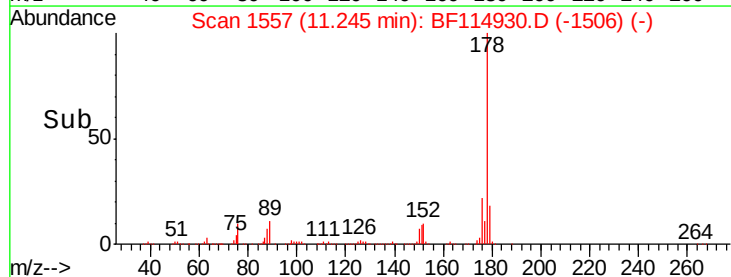
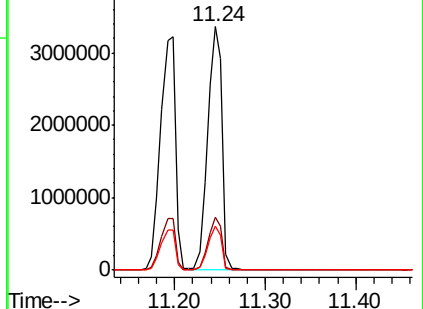
179 18.1 13.4 20.2

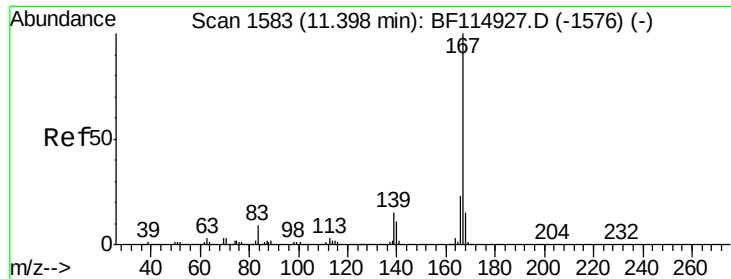


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



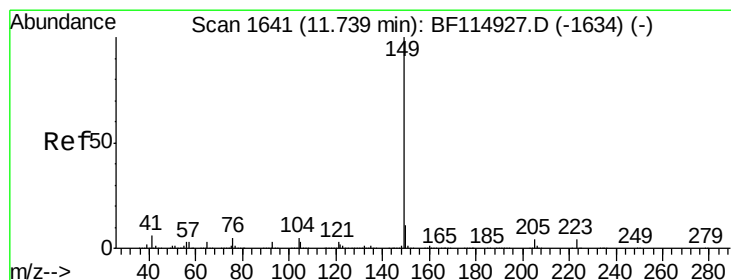
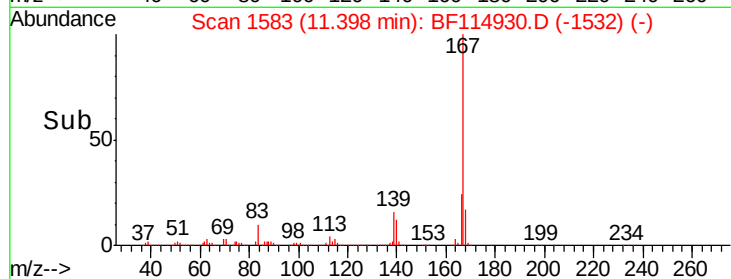
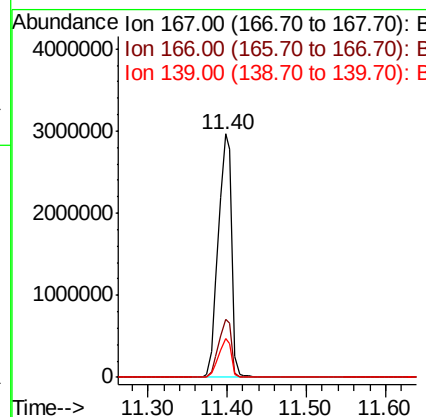
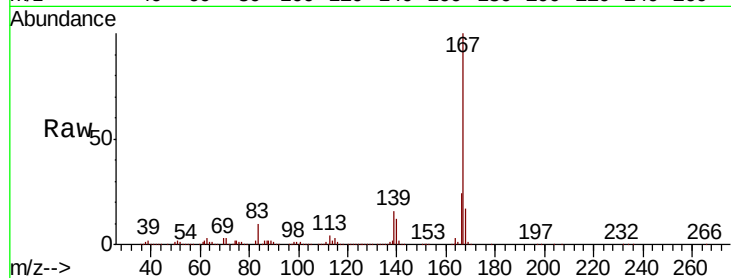


#73
 Carbazole
 Concen: 69.091 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: BF114930.D
 Acq: 10 Jun 2019 12:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 3482047

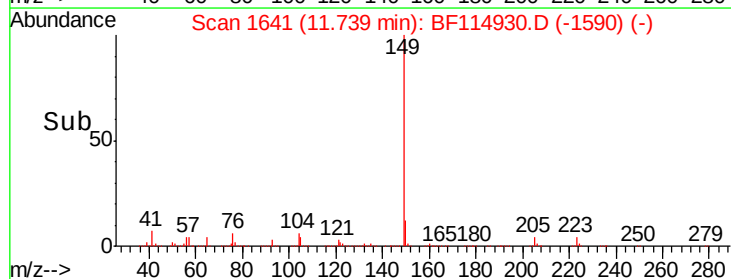
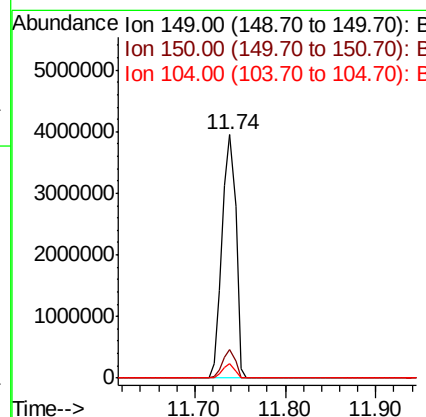
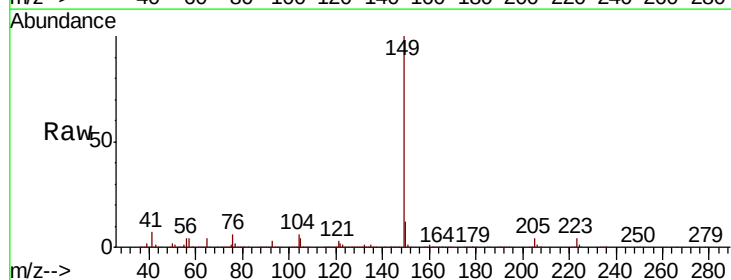
Ion	Ratio	Lower	Upper
167	100		
166	24.0	18.8	28.2
139	16.1	11.6	17.4

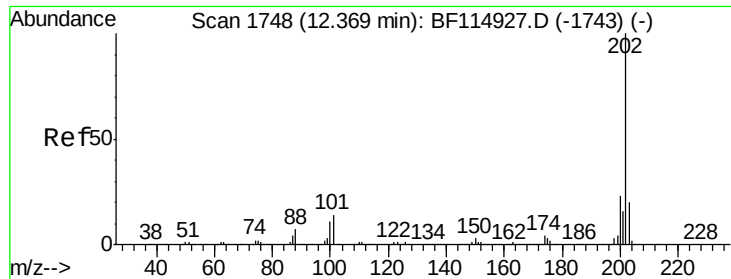


#74
 Di-n-butylphthalate
 Concen: 62.489 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. -0.00 min
 Lab File: BF114930.D
 Acq: 10 Jun 2019 12:45

Tgt Ion:149 Resp: 4142253

Ion	Ratio	Lower	Upper
149	100		
150	11.6	8.5	12.7
104	6.1	4.1	6.1





#75

Fluoranthene

Concen: 65.873 ng

RT: 12.37 min Scan# 1749

Delta R.T. 0.01 min

Lab File: BF114930.D

Acq: 10 Jun 2019 12:45

Instrument :

BNA_F

ClientSampleId :

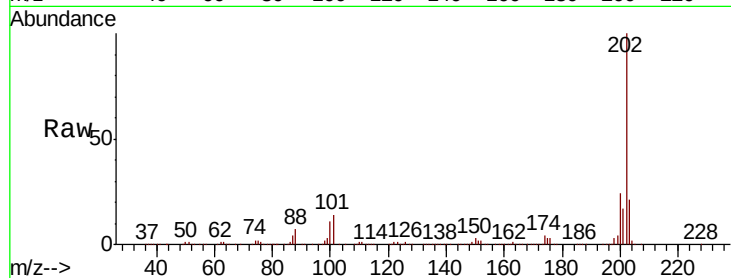
Tot Ion:202 Resp: 3830052

Ion Ratio Lower Upper

202 100

101 14.2 0.0 34.3

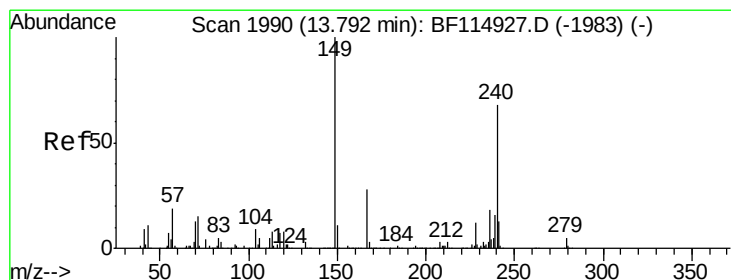
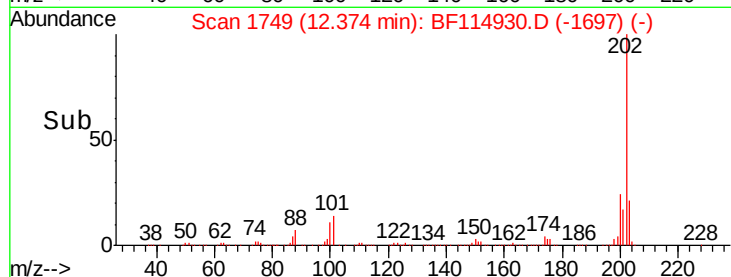
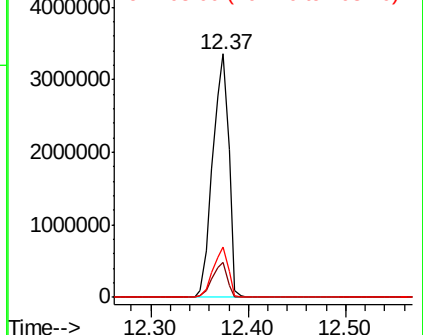
203 20.7 0.0 39.6



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: BF114930.D

Acq: 10 Jun 2019 12:45

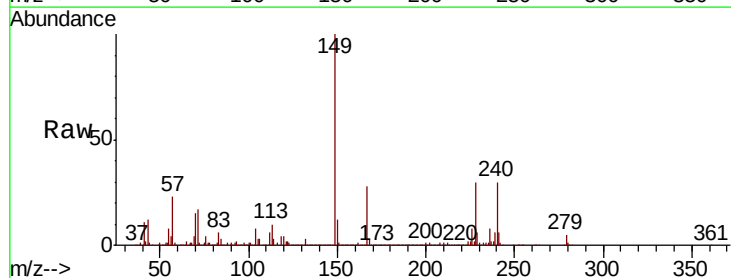
Tgt Ion:240 Resp: 612888

Ion Ratio Lower Upper

240 100

120 12.7 9.2 13.8

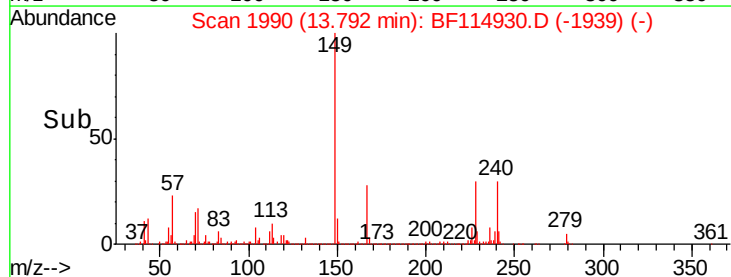
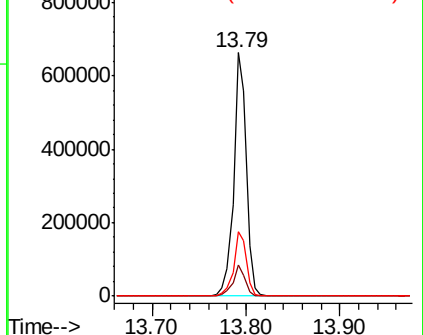
236 26.3 21.7 32.5

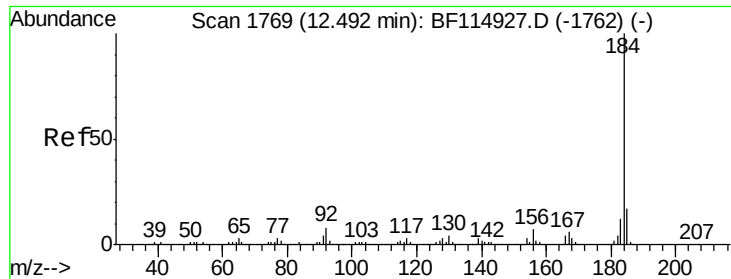


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 60.585 ng

RT: 12.49 min Scan# 1769

Delta R.T. -0.00 min

Lab File: BF114930.D

Acq: 10 Jun 2019 12:45

Instrument :

BNA_F

ClientSampleId :

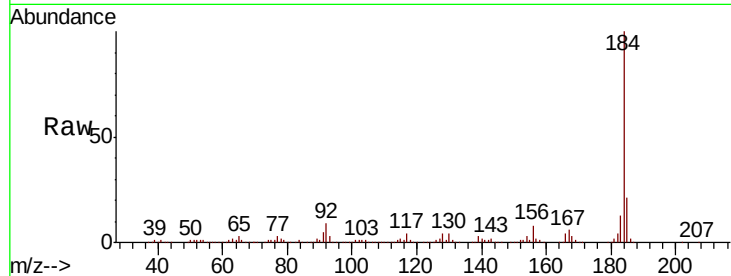
Tot Ion:184 Resp: 1838218

Ion Ratio Lower Upper

184 100

185 21.4 13.4 20.0#

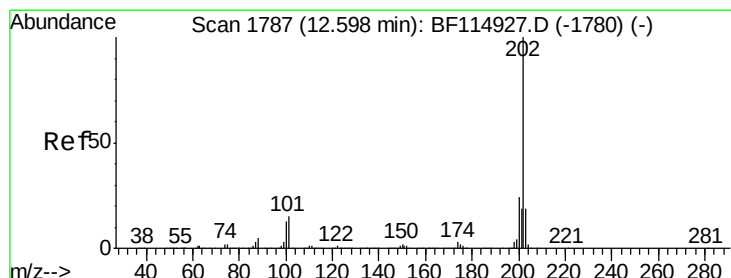
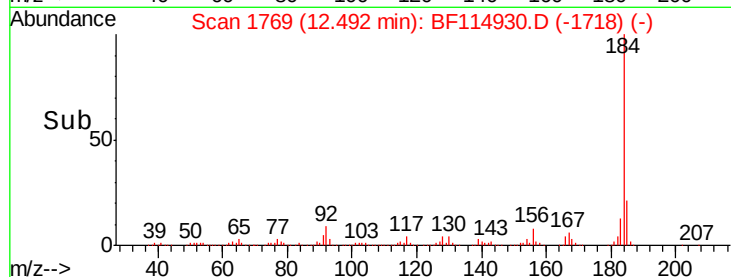
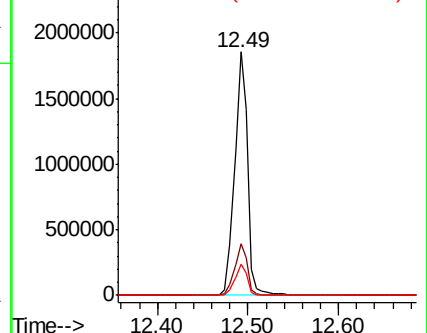
183 12.5 9.8 14.6



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: 72.633 ng

RT: 12.60 min Scan# 1788

Delta R.T. 0.01 min

Lab File: BF114930.D

Acq: 10 Jun 2019 12:45

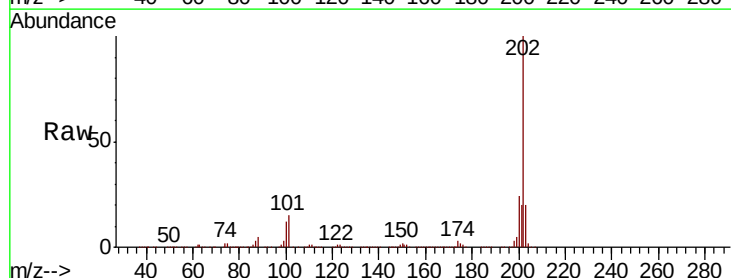
Tgt Ion:202 Resp: 3861773

Ion Ratio Lower Upper

202 100

200 24.3 18.9 28.3

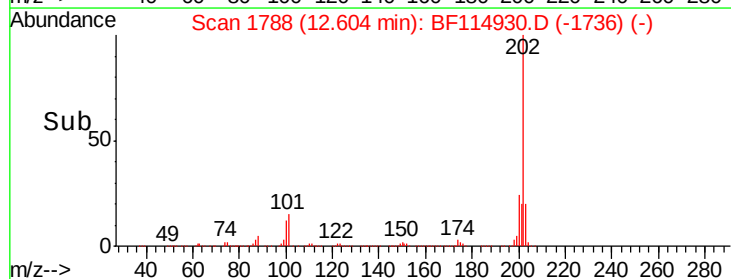
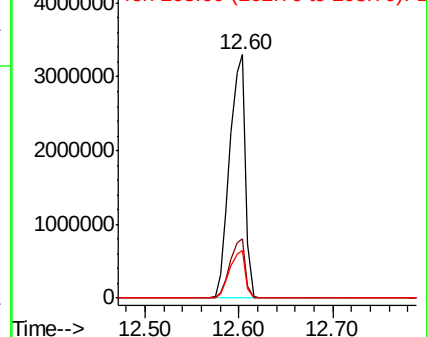
203 19.5 15.2 22.8

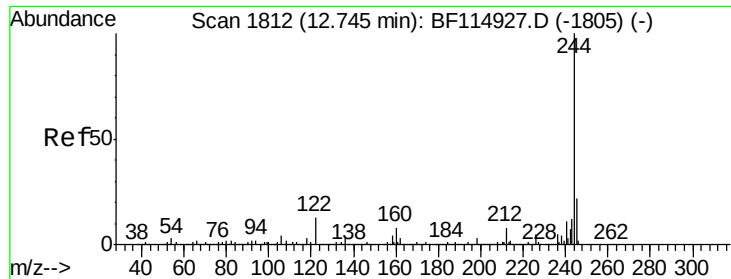


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 137.524 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.01 min

Lab File: BF114930.D

Acq: 10 Jun 2019 12:45

Instrument :

BNA_F

ClientSampleId :

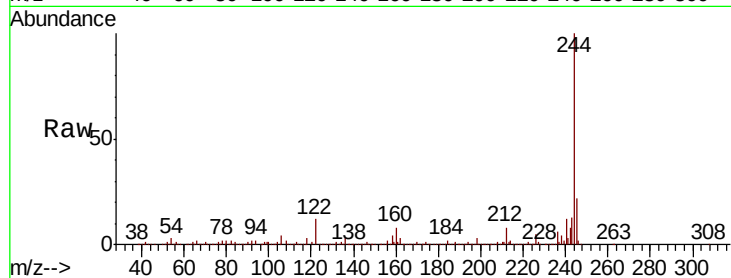
Tot Ion:244 Resp: 4334058

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

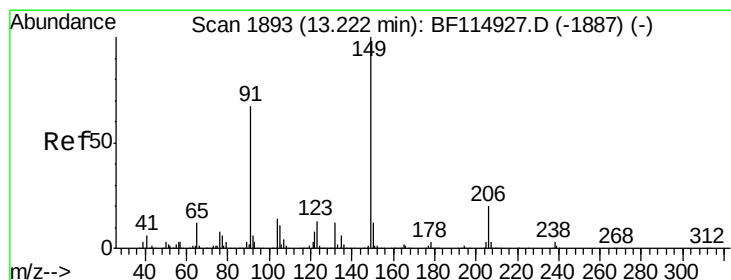
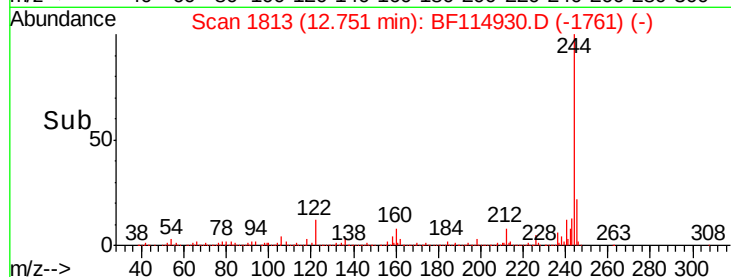
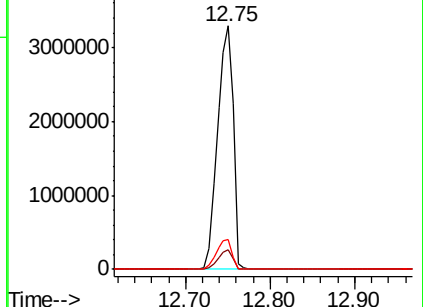
122 12.3 10.2 15.4



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: 74.529 ng

RT: 13.23 min Scan# 1894

Delta R.T. 0.01 min

Lab File: BF114930.D

Acq: 10 Jun 2019 12:45

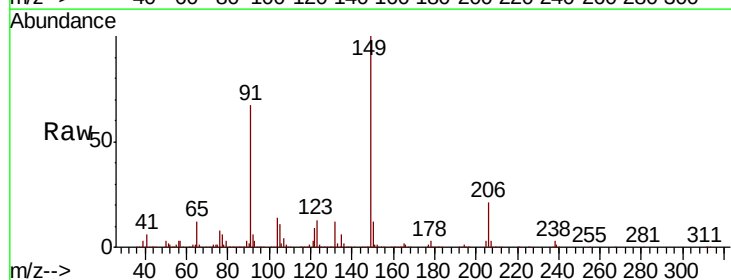
Tgt Ion:149 Resp: 2001015

Ion Ratio Lower Upper

149 100

91 67.2 53.8 80.8

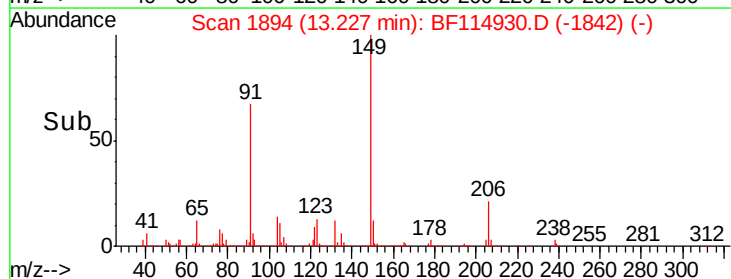
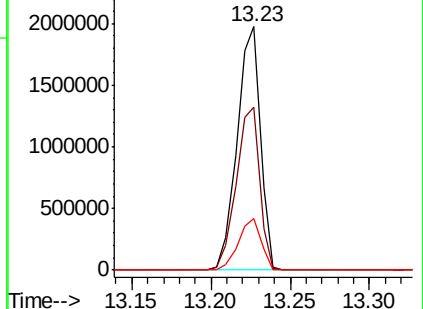
206 21.4 16.3 24.5

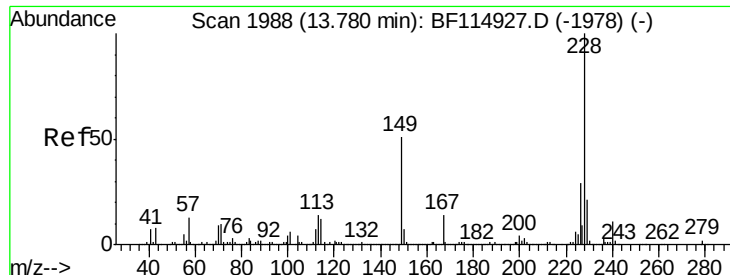


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 69.394 ng

RT: 13.78 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BF114930.D

Acq: 10 Jun 2019 12:45

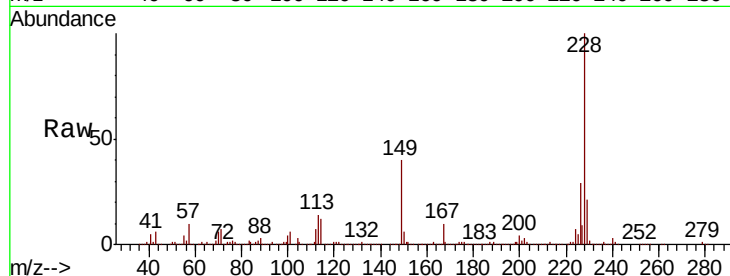
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 3277407

Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.8	34.2
229	21.3	16.6	25.0

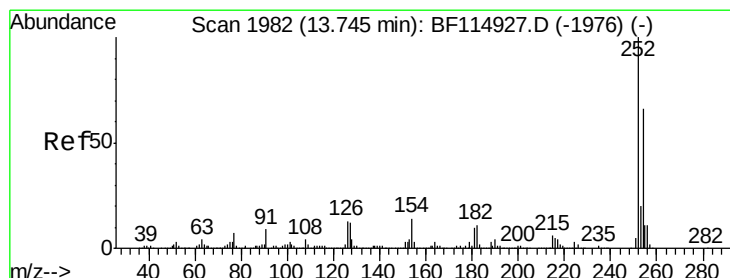
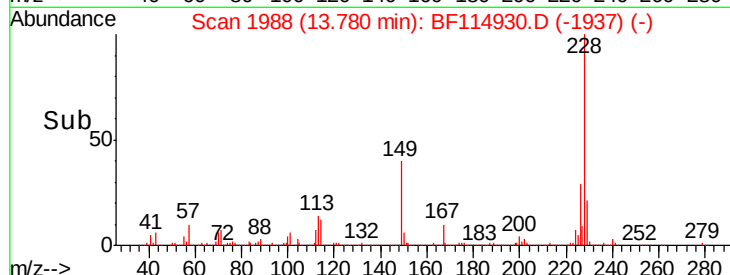
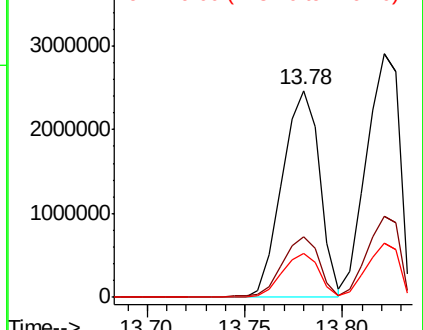


Abundance

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: 70.127 ng

RT: 13.75 min Scan# 1983

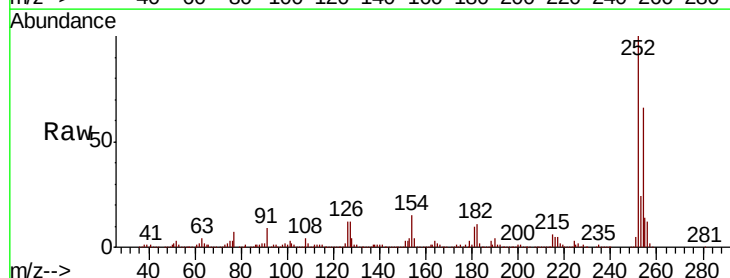
Delta R.T. 0.01 min

Lab File: BF114930.D

Acq: 10 Jun 2019 12:45

Tgt Ion:252 Resp: 1342997

Ion	Ratio	Lower	Upper
252	100		
254	66.3	52.6	78.8
126	12.3	10.4	15.6

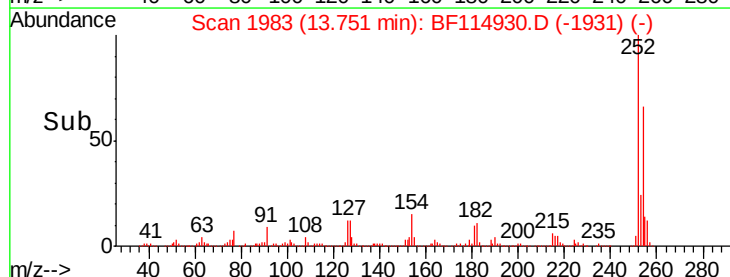
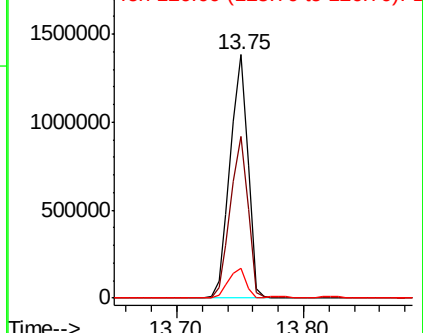


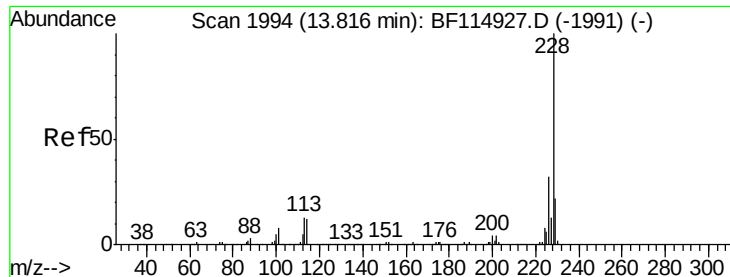
Abundance

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: 74.488 ng

RT: 13.82 min Scan# 1995

Delta R.T. 0.01 min

Lab File: BF114930.D

Acq: 10 Jun 2019 12:45

Instrument :

BNA_F

ClientSampleId :

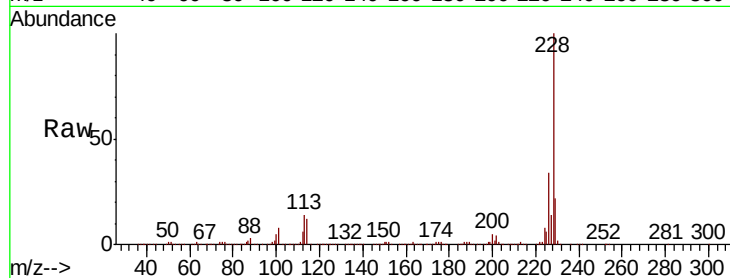
Tot Ion:228 Resp: 3422336

Ion Ratio Lower Upper

228 100

226 33.5 25.8 38.8

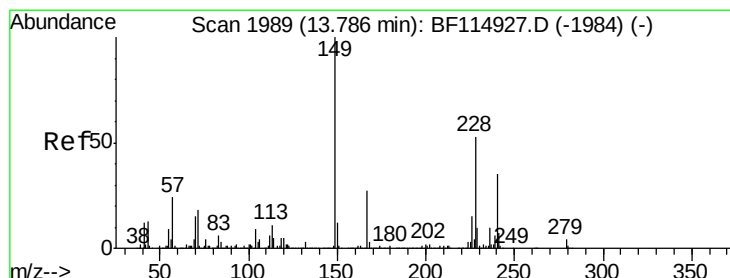
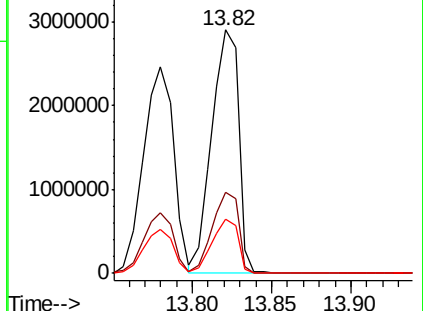
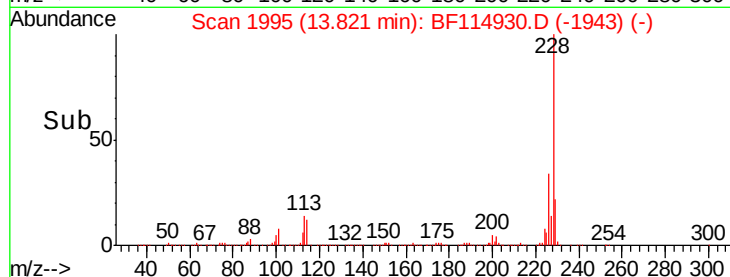
229 22.1 17.2 25.8



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: 63.732 ng

RT: 13.79 min Scan# 1990

Delta R.T. 0.01 min

Lab File: BF114930.D

Acq: 10 Jun 2019 12:45

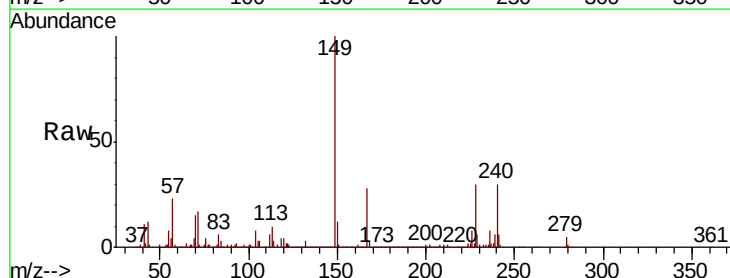
Tgt Ion:149 Resp: 2163734

Ion Ratio Lower Upper

149 100

167 28.3 21.9 32.9

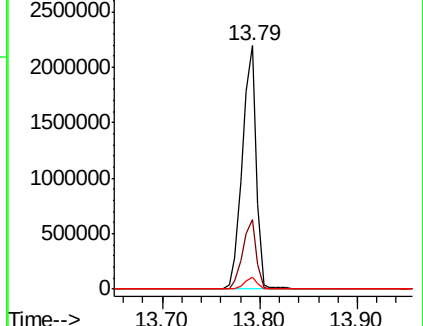
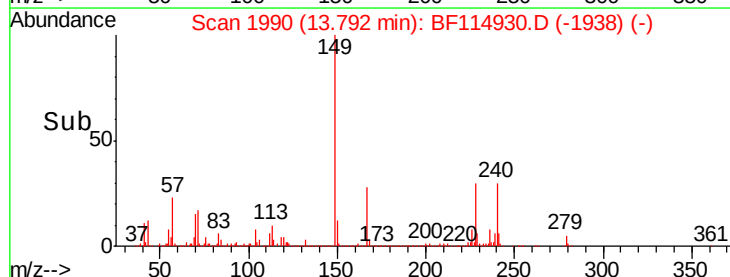
279 4.8 3.2 4.8#

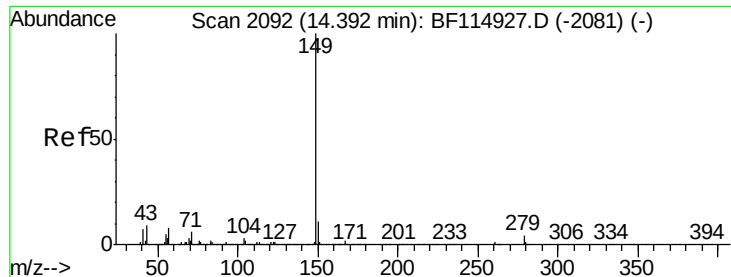


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 69.114 ng

RT: 14.40 min Scan# 2093

Delta R.T. 0.01 min

Lab File: BF114930.D

Acq: 10 Jun 2019 12:45

Instrument :

BNA_F

ClientSampleId :

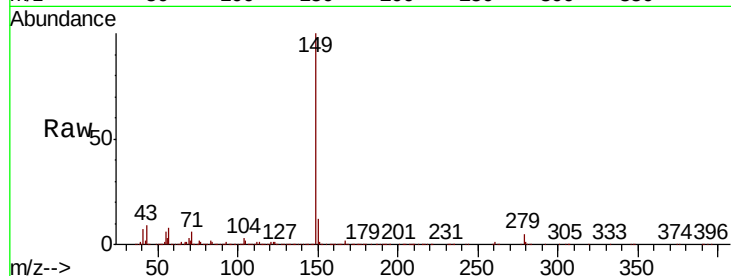
Tot Ion:149 Resp: 3987021

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

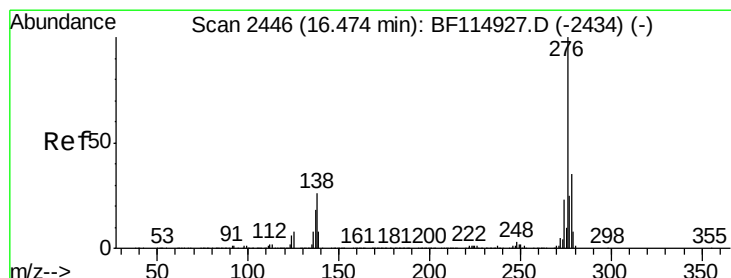
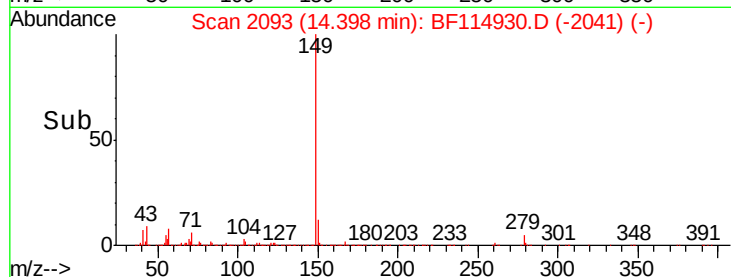
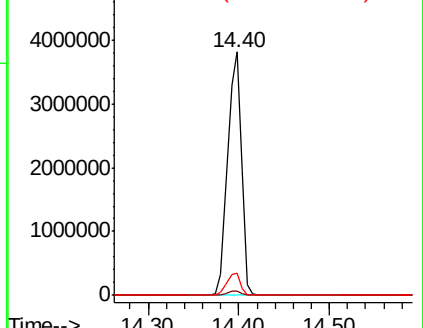
43 8.9 6.8 10.2



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: 60.712 ng

RT: 16.48 min Scan# 2447

Delta R.T. 0.01 min

Lab File: BF114930.D

Acq: 10 Jun 2019 12:45

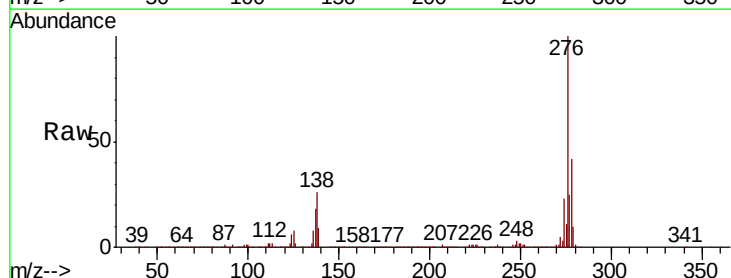
Tgt Ion:276 Resp: 3182664

Ion Ratio Lower Upper

276 100

138 28.4 23.3 34.9

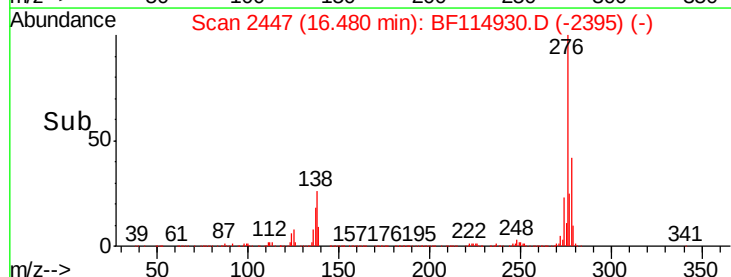
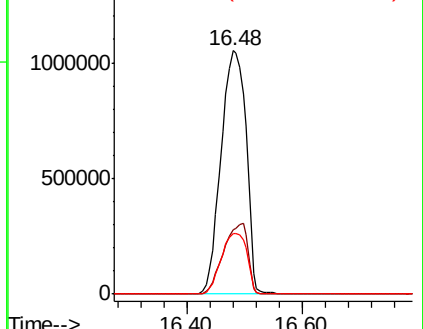
277 25.6 20.5 30.7

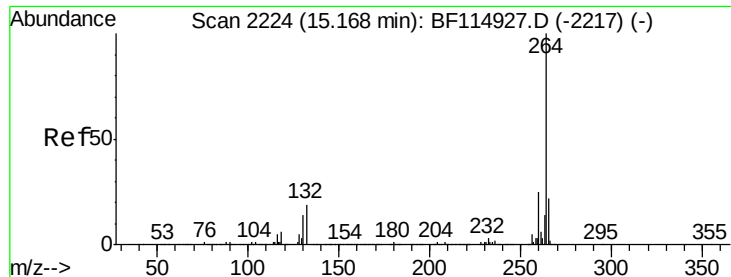


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

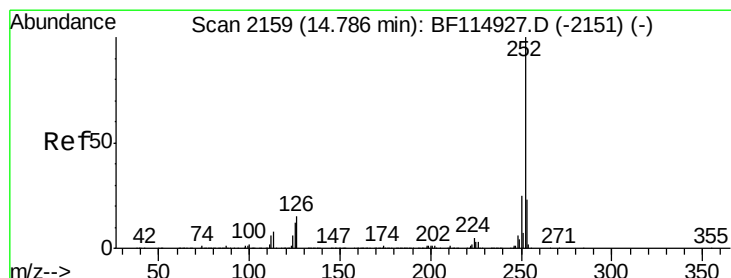
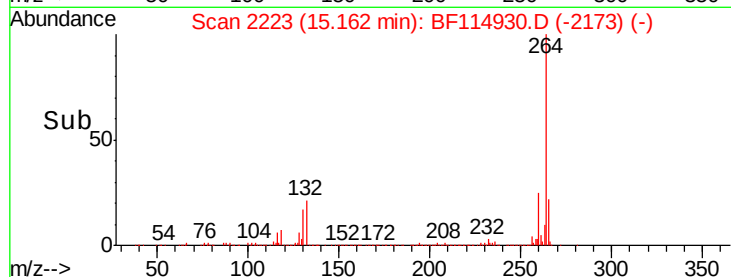
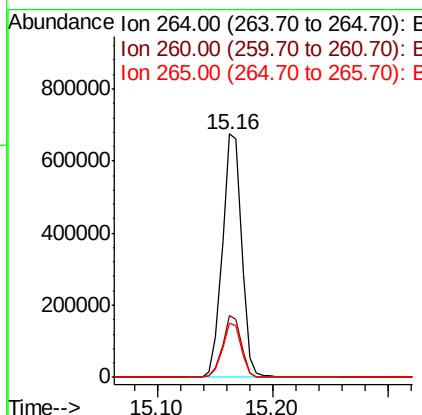
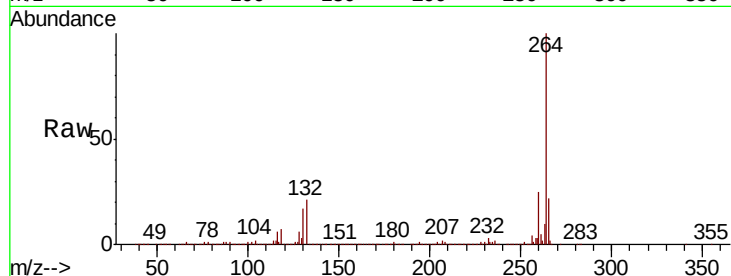




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

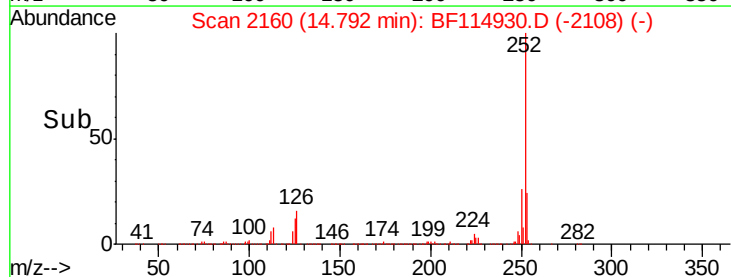
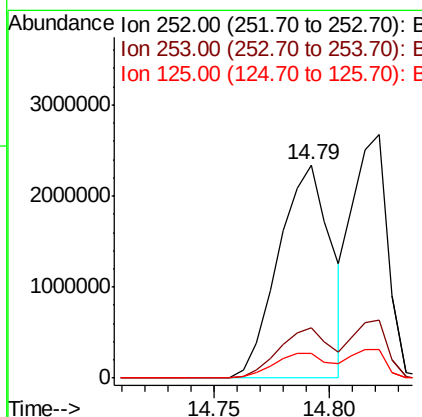
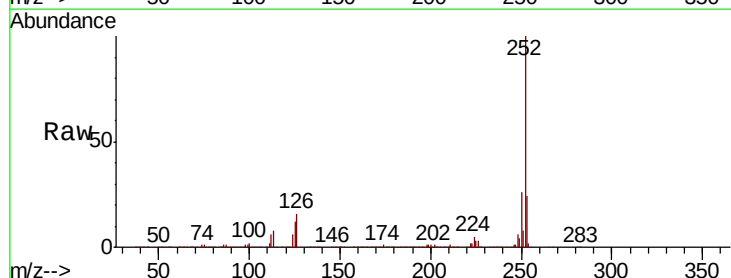
Instrument :
BNA_F
ClientSampleId :

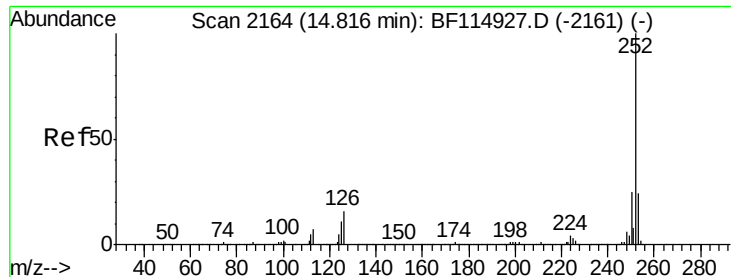
Tot Ion:264 Resp: 781218
Ion Ratio Lower Upper
264 100
260 25.4 19.7 29.5
265 22.1 17.5 26.3



#88
Benzo(b)fluoranthene
Concen: 74.229 ng
RT: 14.79 min Scan# 2160
Delta R.T. 0.01 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Tgt Ion:252 Resp: 3691675
Ion Ratio Lower Upper
252 100
253 23.6 18.6 28.0
125 11.7 9.5 14.3

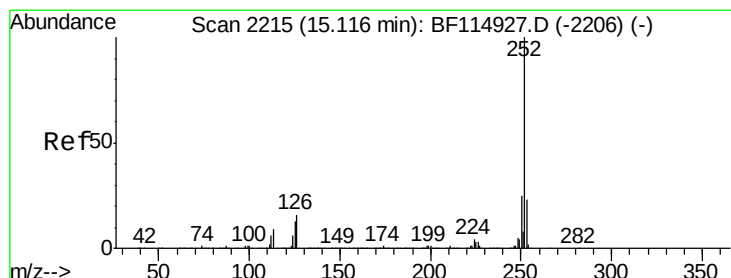
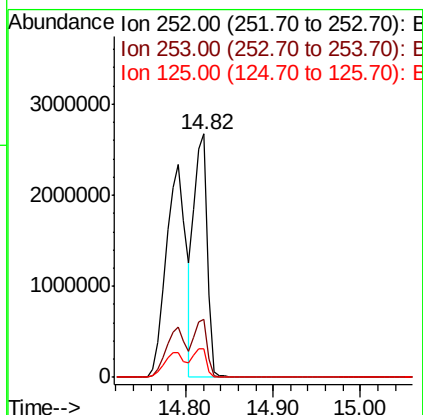
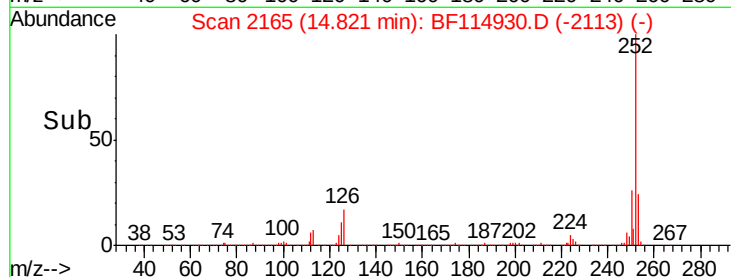
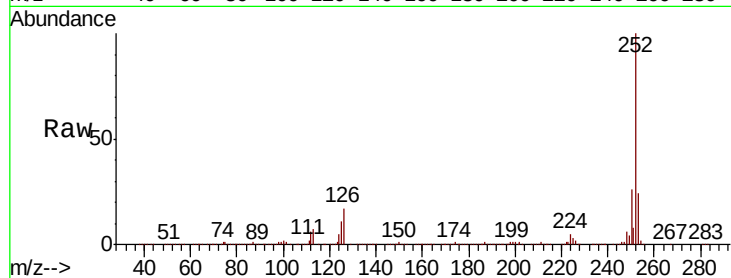




#89
Benzo(k)fluoranthene
Concen: 67.528 ng
RT: 14.82 min Scan# 2165
Delta R.T. 0.01 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

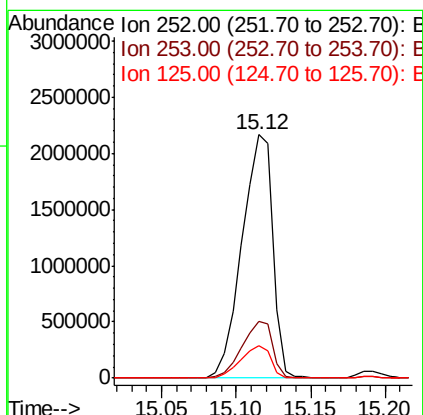
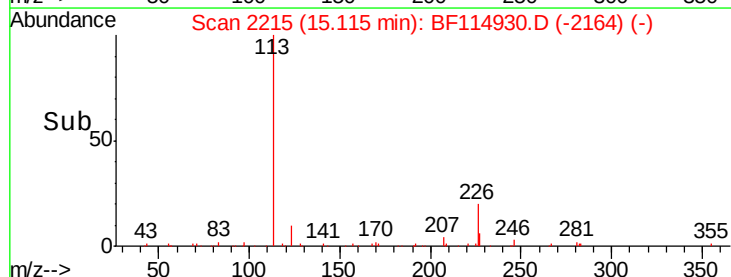
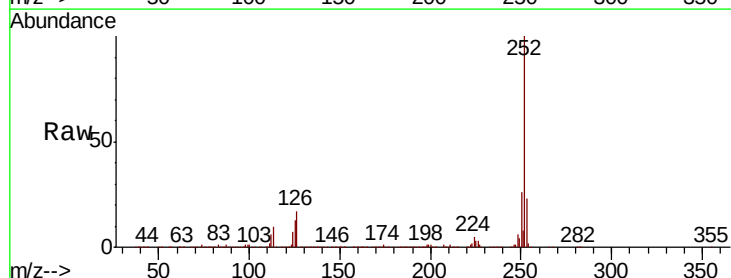
Instrument :
BNA_F
ClientSampleId :

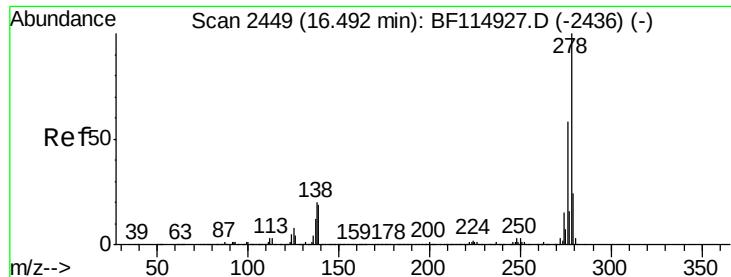
Tot Ion:252 Resp: 2852034
Ion Ratio Lower Upper
252 100
253 23.9 18.6 28.0
125 11.5 9.2 13.8



#90
Benzo(a)pyrene
Concen: 71.754 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Tgt Ion:252 Resp: 3088732
Ion Ratio Lower Upper
252 100
253 23.3 18.2 27.2
125 13.3 10.1 15.1



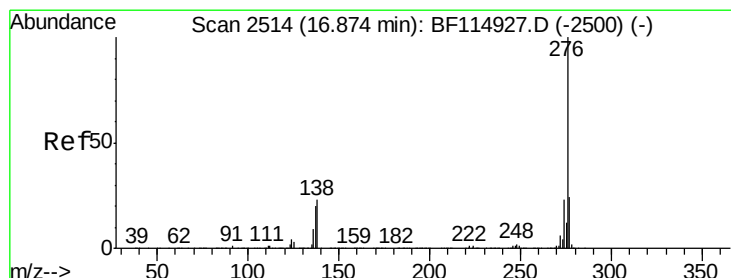
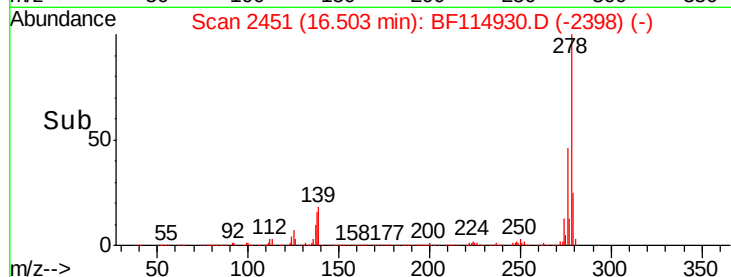
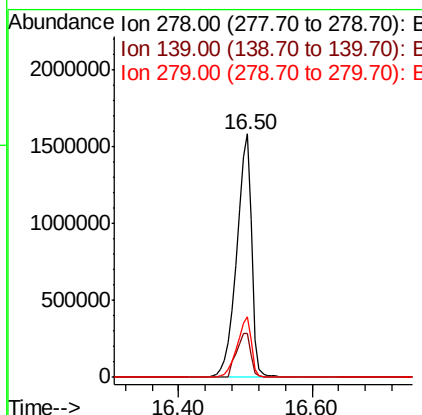
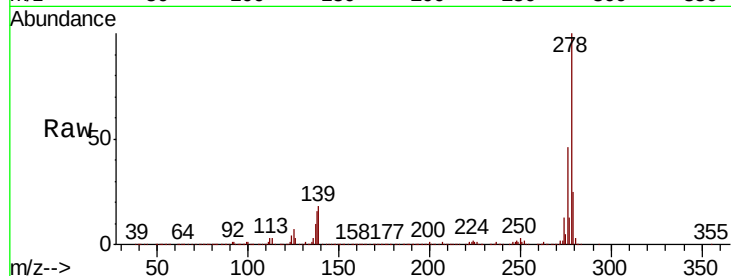


#91
Dibenzo(a,h)anthracene
Concen: 61.755 ng
RT: 16.50 min Scan# 2451
Delta R.T. 0.01 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 2517494

Ion	Ratio	Lower	Upper
278	100		
139	18.0	15.1	22.7
279	24.7	19.6	29.4



#92
Benzo(g,h,i)perylene
Concen: 62.479 ng
RT: 16.88 min Scan# 2515
Delta R.T. 0.01 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Tgt Ion:276 Resp: 2561279

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.0	28.6
138	25.0	18.7	28.1

