

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
 Data File : BF114949.D
 Acq On : 11 Jun 2019 17:58
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 12 04:31:23 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 16:44:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	301057	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1227868	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	601652	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1164837	20.00	ng	0.00
76) Chrysene-d12	13.80	240	704333	20.00	ng	0.00
87) Perylene-d12	15.17	264	780588	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	1517874	85.33	ng	0.00
7) Phenol-d6	6.32	99	1829172	85.25	ng	0.00
23) Nitrobenzene-d5	7.23	82	1709930	85.56	ng	0.00
42) 2,4,6-Tribromophenol	10.48	330	546652	83.52	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	2950064	77.82	ng	0.00
79) Terphenyl-d14	12.75	244	2923253	82.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.29	88	358466	42.466	ng	99
3) Pyridine	2.98	79	1020936	43.449	ng	100
4) n-Nitrosodimethylamine	2.93	42	365828	43.345	ng	98
6) Aniline	6.33	93	1197503	41.202	ng	# 69
8) 2-Chlorophenol	6.45	128	879806	43.336	ng	97
9) Benzaldehyde	6.20	77	541157	39.406	ng	99
10) Phenol	6.33	94	994491	41.566	ng	99
11) bis(2-Chloroethyl)ether	6.40	93	820597	43.034	ng	99
12) 1,3-Dichlorobenzene	6.60	146	1008866	42.817	ng	98
13) 1,4-Dichlorobenzene	6.68	146	1015390	42.974	ng	99
14) 1,2-Dichlorobenzene	6.83	146	922898	43.034	ng	99
15) Benzyl Alcohol	6.82	79	660653	42.671	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.95	45	1095241	41.764	ng	99
17) 2-Methylphenol	6.93	107	732588	43.096	ng	99
18) Hexachloroethane	7.17	117	372964	42.832	ng	97
19) n-Nitroso-di-n-propylamine	7.09	70	559994	41.737	ng	99
20) 3+4-Methylphenols	6.93	107	732384	38.479	ng	83
22) Acetophenone	7.08	105	1176449	42.803	ng	# 98
24) Nitrobenzene	7.25	77	894773	43.041	ng	96
25) Isophorone	7.49	82	1609852	41.138	ng	98
26) 2-Nitrophenol	7.56	139	509479	44.112	ng	96
27) 2,4-Dimethylphenol	7.62	122	713299	42.205	ng	99
28) bis(2-Chloroethoxy)methane	7.70	93	1049140	41.909	ng	100
29) 2,4-Dichlorophenol	7.81	162	766947	43.333	ng	97
30) 1,2,4-Trichlorobenzene	7.89	180	867525	42.710	ng	98
31) Naphthalene	7.97	128	2435482	43.047	ng	100
32) Benzoic acid	7.76	122	533554	42.264	ng	98
33) 4-Chloroaniline	8.02	127	1158549	43.393	ng	98
34) Hexachlorobutadiene	8.09	225	480700	42.194	ng	99
35) Caprolactam	8.41	113	254773	42.733	ng	95
36) 4-Chloro-3-methylphenol	8.51	107	767514	42.695	ng	99
37) 2-Methylnaphthalene	8.66	142	1633801	42.495	ng	99
38) 1-Methylnaphthalene	8.76	142	1539430	42.336	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	750048	43.360	ng	99

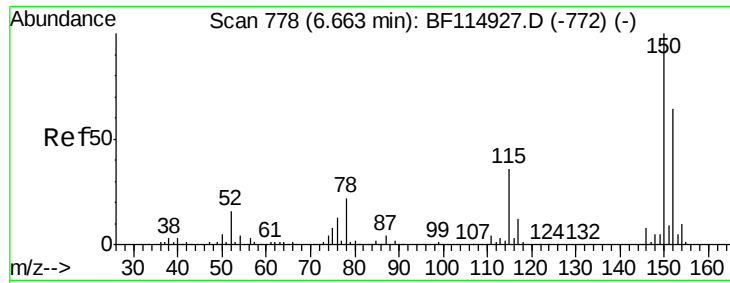
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
 Data File : BF114949.D
 Acq On : 11 Jun 2019 17:58
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 12 04:31:23 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 16:44:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	392989	39.967	ng	100
43) 2,4,6-Trichlorophenol	8.94	196	565486	43.051	ng	99
44) 2,4,5-Trichlorophenol	8.98	196	583697	43.097	ng	99
46) 1,1'-Biphenyl	9.12	154	1932382	42.931	ng	99
47) 2-Chloronaphthalene	9.15	162	1639767	43.155	ng	99
48) 2-Nitroaniline	9.24	65	501971	43.400	ng	94
49) Acenaphthylene	9.56	152	2398752	42.840	ng	100
50) Dimethylphthalate	9.43	163	1924659	42.562	ng	100
51) 2,6-Dinitrotoluene	9.49	165	442500	42.604	ng	93
52) Acenaphthene	9.73	154	1429055	42.127	ng	99
53) 3-Nitroaniline	9.65	138	539592	43.264	ng	99
54) 2,4-Dinitrophenol	9.76	184	214806	41.787	ng	98
55) Dibenzofuran	9.90	168	2079381	42.941	ng	100
56) 4-Nitrophenol	9.82	139	374591	42.142	ng	95
57) 2,4-Dinitrotoluene	9.89	165	571161	43.506	ng	100
58) Fluorene	10.24	166	1522926	40.799	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.02	232	464723	42.444	ng	99
60) Diethylphthalate	10.12	149	1857209	42.257	ng	99
61) 4-Chlorophenyl-phenylether	10.23	204	755745	40.442	ng	96
62) 4-Nitroaniline	10.26	138	560527	43.854	ng	99
63) Azobenzene	10.39	77	1612596	42.155	ng	97
65) 4,6-Dinitro-2-methylphenol	10.30	198	286407	43.844	ng	98
66) n-Nitrosodiphenylamine	10.36	169	1487954	42.996	ng	99
67) 4-Bromophenyl-phenylether	10.72	248	532867	42.233	ng	95
68) Hexachlorobenzene	10.79	284	589257	42.292	ng	96
69) Atrazine	10.89	200	473941	40.644	ng	97
70) Pentachlorophenol	10.98	266	333618	42.700	ng	99
71) Phenanthrene	11.19	178	2435418	43.094	ng	99
72) Anthracene	11.25	178	2446944	42.658	ng	100
73) Carbazole	11.40	167	2279690	43.652	ng	99
74) Di-n-butylphthalate	11.74	149	2771336	42.938	ng	100
75) Fluoranthene	12.37	202	2500416	42.775	ng	99
77) Benzidine	12.49	184	1205915	39.123	ng	99
78) Pyrene	12.60	202	2551556	41.596	ng	99
80) Butylbenzylphthalate	13.22	149	1261312	41.737	ng	97
81) Benzo(a)anthracene	13.78	228	2093506	40.199	ng	100
82) 3,3'-Dichlorobenzidine	13.75	252	911318	42.869	ng	96
83) Chrysene	13.82	228	2176881	41.625	ng	99
84) Bis(2-ethylhexyl)phthalate	13.79	149	1449487	40.955	ng	100
85) Di-n-octyl phthalate	14.40	149	2680442	41.459	ng	100
86) Indeno(1,2,3-cd)pyrene	16.49	276	1931415	39.284	ng	99
88) Benzo(b)fluoranthene	14.79	252	2172763	42.755	ng	99
89) Benzo(k)fluoranthene	14.82	252	1833289	41.568	ng	98
90) Benzo(a)pyrene	15.12	252	1842988	41.753	ng	99
91) Dibenzo(a,h)anthracene	16.50	278	1554207	41.685	ng	100
92) Benzo(g,h,i)perylene	16.89	276	1558738	41.941	ng	98

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

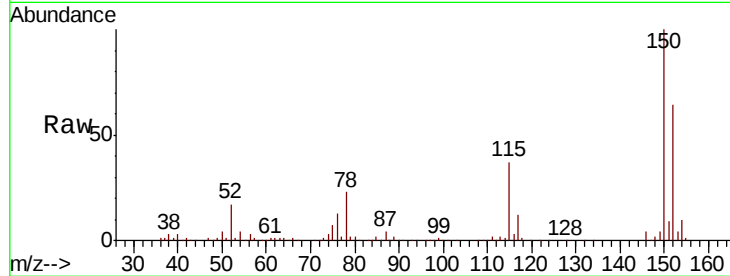


#1

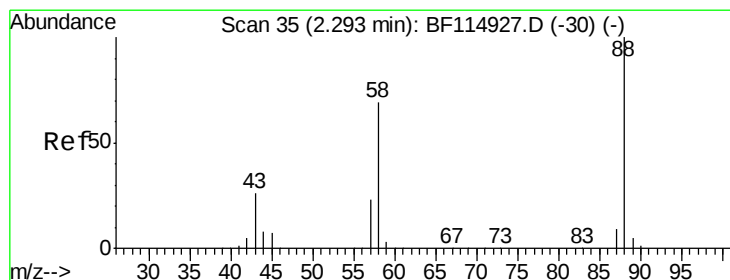
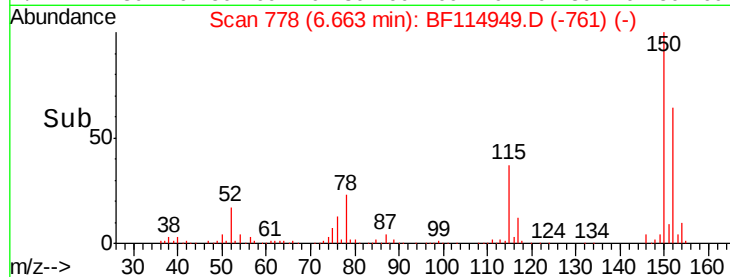
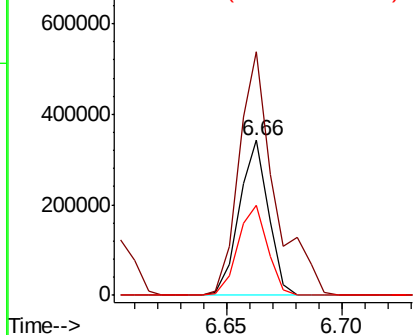
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	125.2	187.8
115	57.8	45.0	67.4



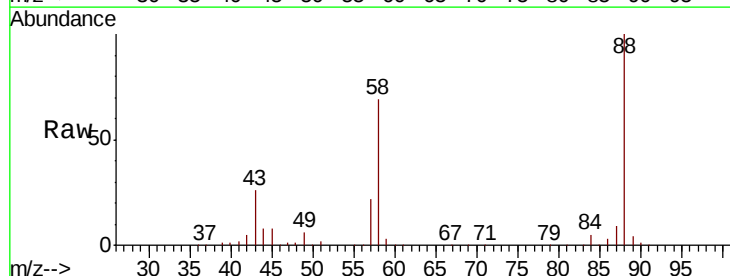
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



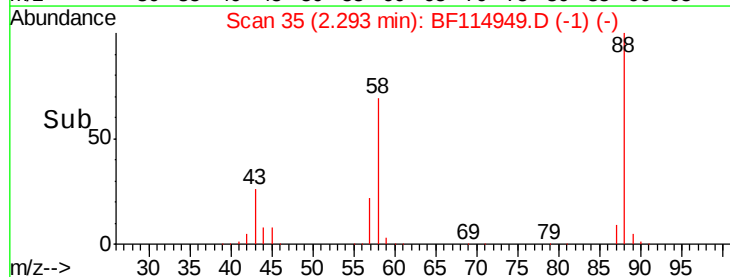
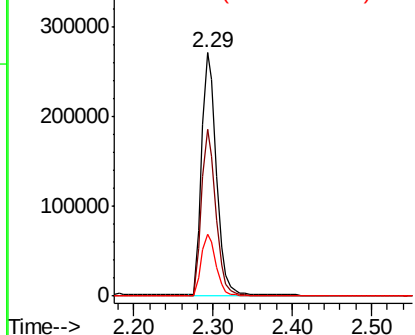
#2

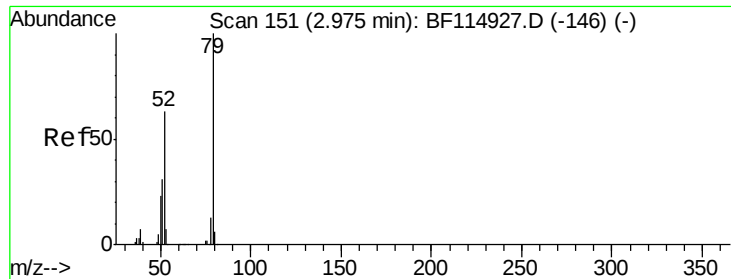
1,4-Dioxane
Concen: 42.466 ng
RT: 2.29 min Scan# 35
Delta R.T. -0.00 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.8	54.2	81.2
43	25.0	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: 43.449 ng

RT: 2.98 min Scan# 152

Delta R.T. 0.01 min

Lab File: BF114949.D

Acq: 11 Jun 2019 17:58

Instrument :

BNA_F

ClientSampleId :

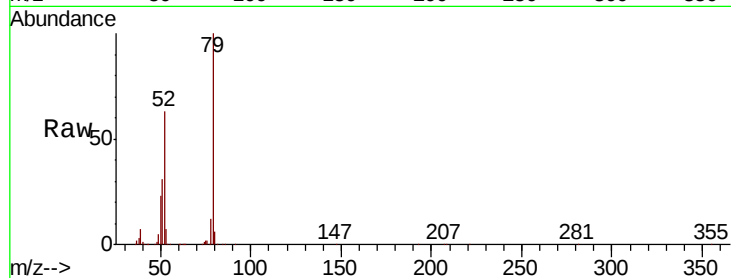
Tot Ion: 79 Resp: 1020936

Ion Ratio Lower Upper

79 100

52 62.9 50.2 75.2

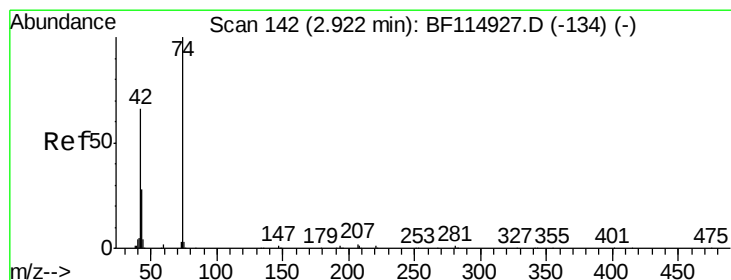
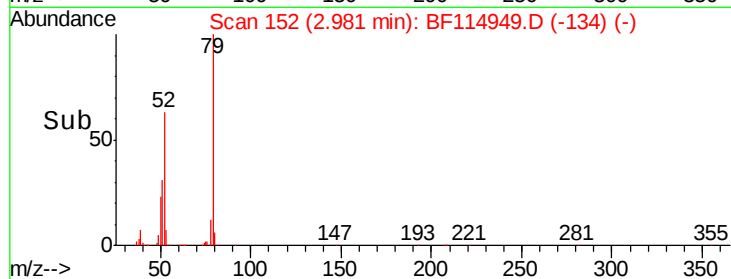
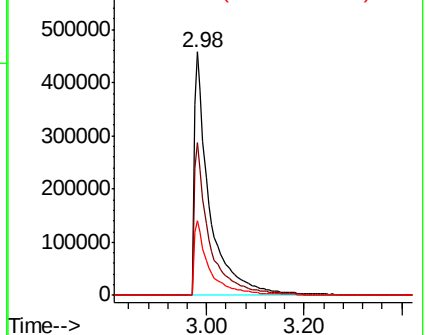
51 30.8 24.6 37.0



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: 43.345 ng

RT: 2.93 min Scan# 143

Delta R.T. 0.01 min

Lab File: BF114949.D

Acq: 11 Jun 2019 17:58

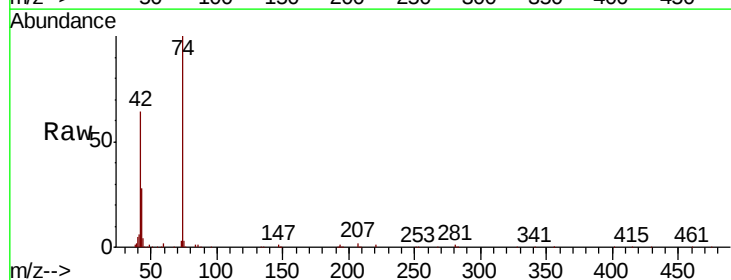
Tgt Ion: 42 Resp: 365828

Ion Ratio Lower Upper

42 100

74 155.5 121.9 182.9

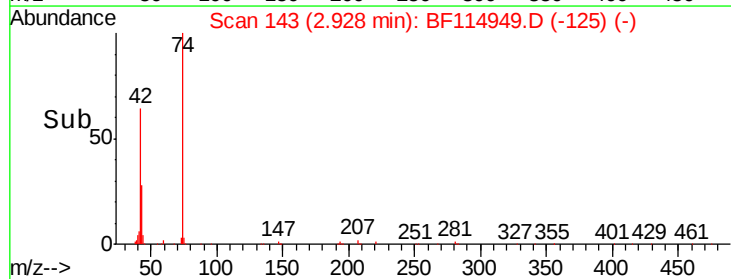
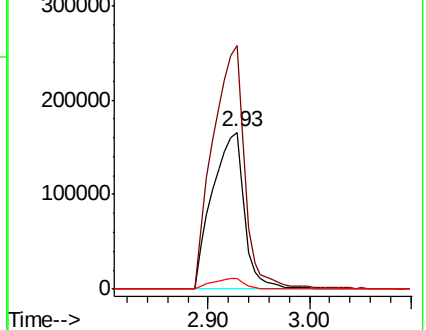
44 6.5 5.1 7.7

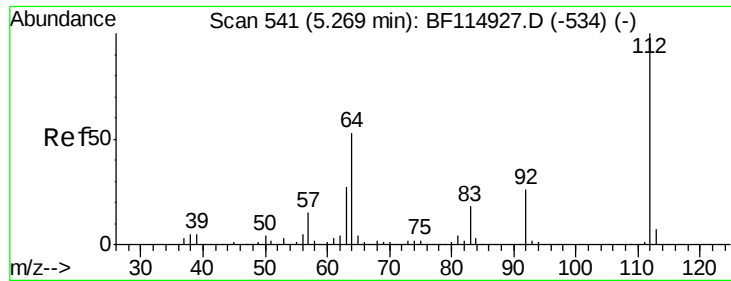


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 85.328 ng

RT: 5.27 min Scan# 542

Delta R.T. 0.01 min

Lab File: BF114949.D

Acq: 11 Jun 2019 17:58

Instrument :

BNA_F

ClientSampled :

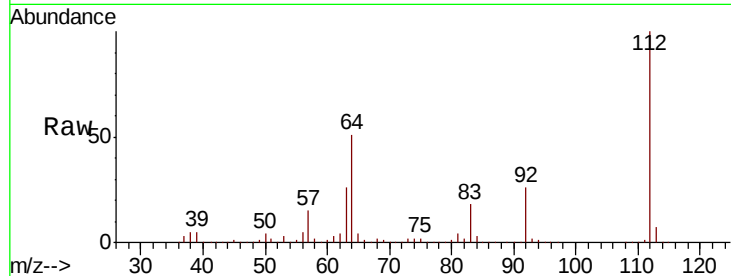
Tot Ion:112 Resp: 1517874

Ion Ratio Lower Upper

112 100

64 51.3 42.1 63.1

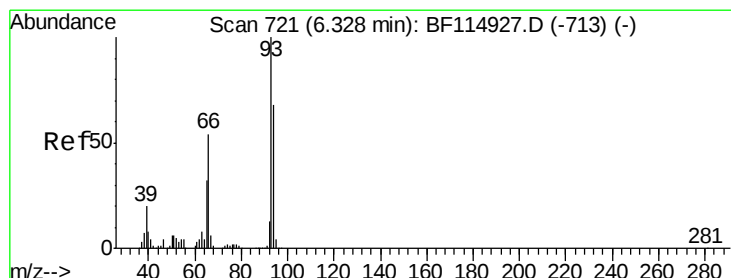
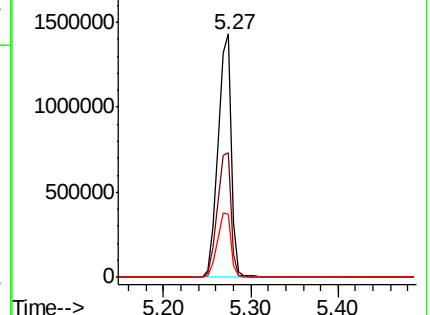
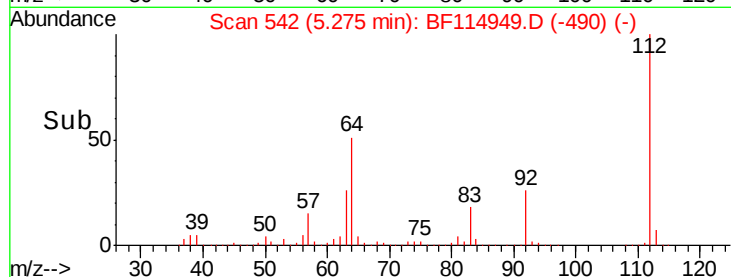
63 26.2 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 41.202 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF114949.D

Acq: 11 Jun 2019 17:58

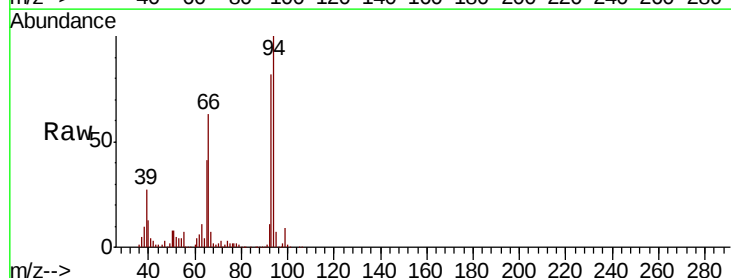
Tgt Ion: 93 Resp: 1197503

Ion Ratio Lower Upper

93 100

66 76.9 43.6 65.4#

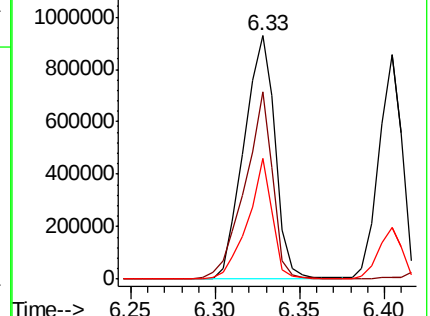
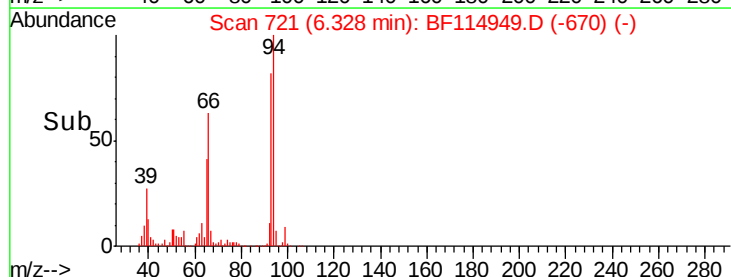
65 49.4 25.7 38.5#

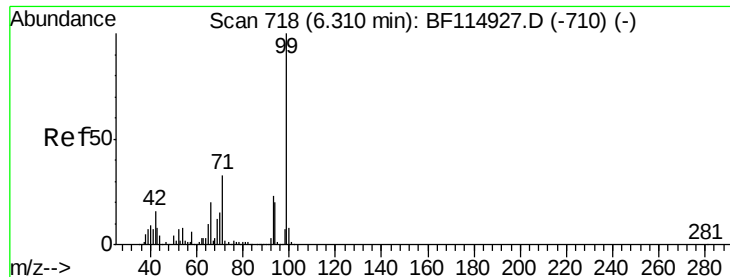


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 85.250 ng

RT: 6.32 min Scan# 719

Delta R.T. 0.01 min

Lab File: BF114949.D

Acq: 11 Jun 2019 17:58

Instrument :

BNA_F

ClientSampleId :

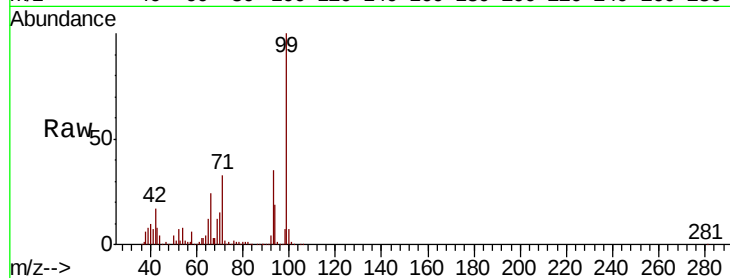
Tot Ion: 99 Resp: 1829172

Ion Ratio Lower Upper

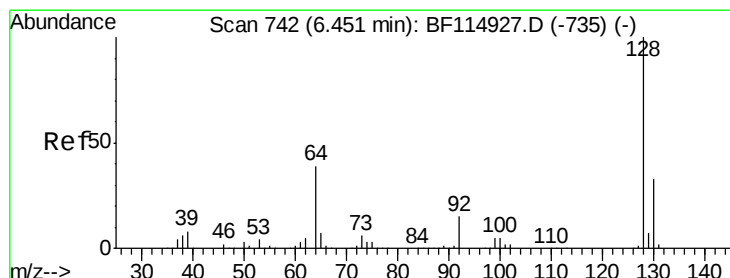
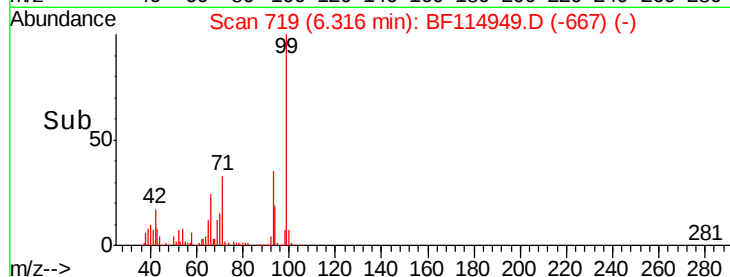
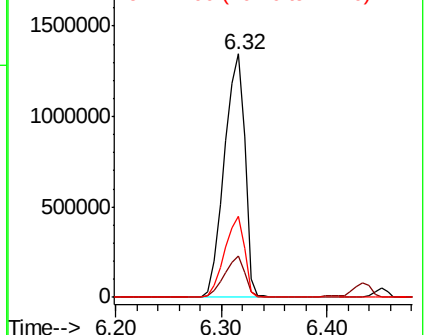
99 100

42 16.7 13.1 19.7

71 33.3 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: 43.336 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF114949.D

Acq: 11 Jun 2019 17:58

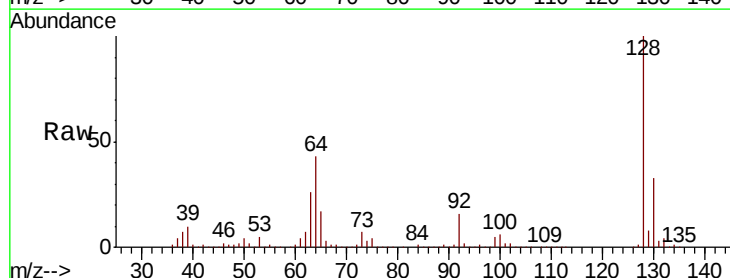
Tgt Ion: 128 Resp: 879806

Ion Ratio Lower Upper

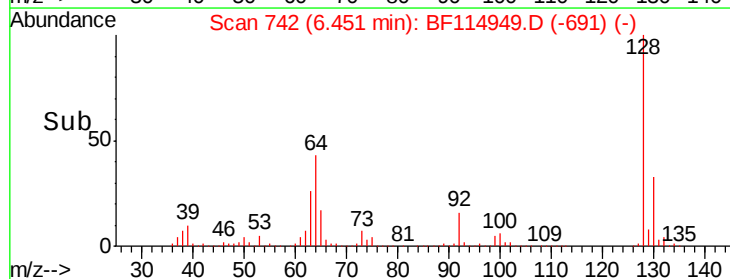
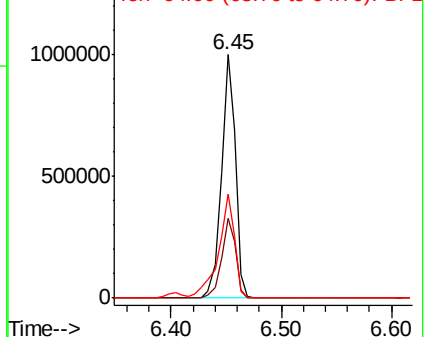
128 100

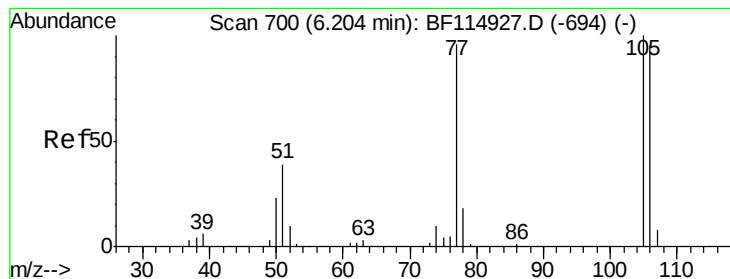
130 32.9 13.3 53.3

64 42.8 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: 39.406 ng

RT: 6.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BF114949.D

Acq: 11 Jun 2019 17:58

Instrument :

BNA_F

ClientSampleId :

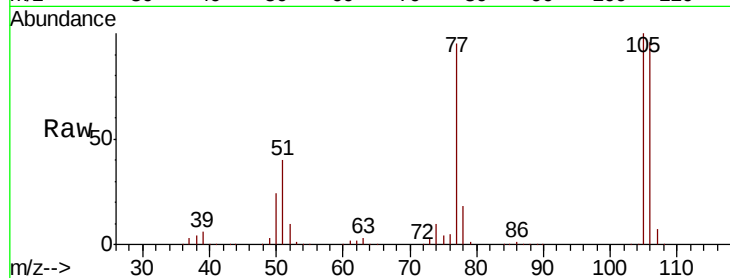
Tot Ion: 77 Resp: 541157

Ion Ratio Lower Upper

77 100

105 104.9 84.5 124.5

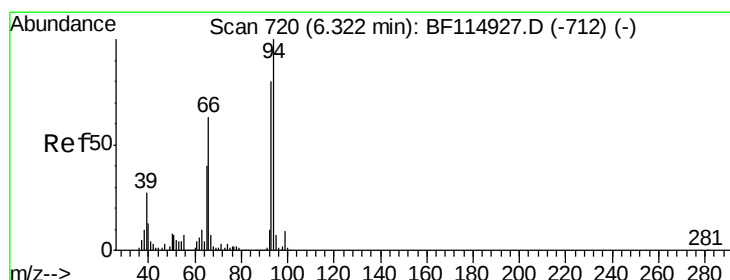
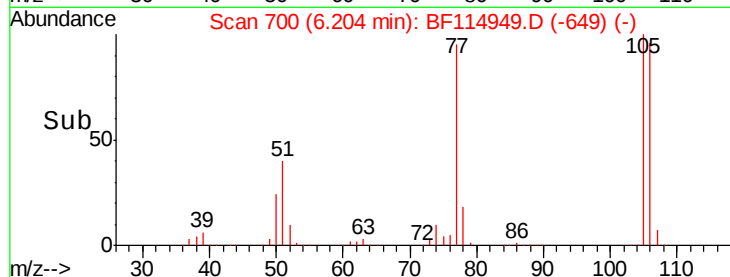
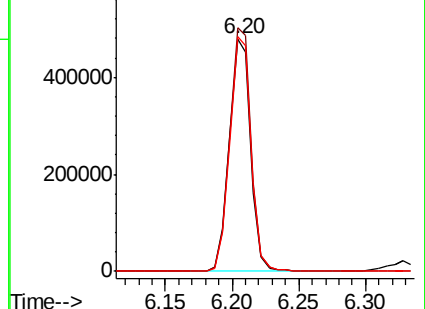
106 100.8 79.2 119.2



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: 41.566 ng

RT: 6.33 min Scan# 721

Delta R.T. 0.01 min

Lab File: BF114949.D

Acq: 11 Jun 2019 17:58

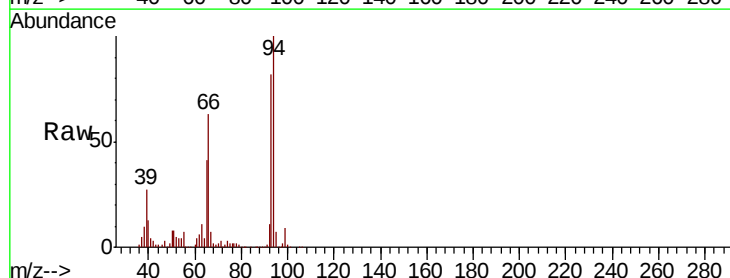
Tgt Ion: 94 Resp: 994491

Ion Ratio Lower Upper

94 100

65 40.7 19.6 59.6

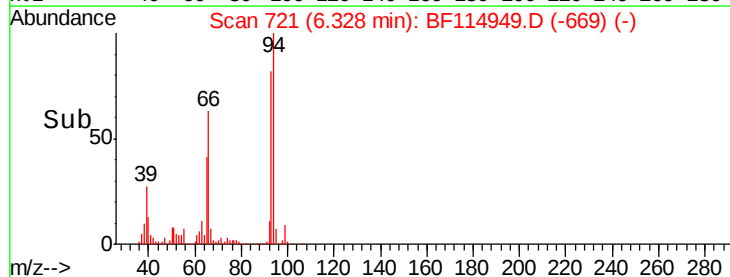
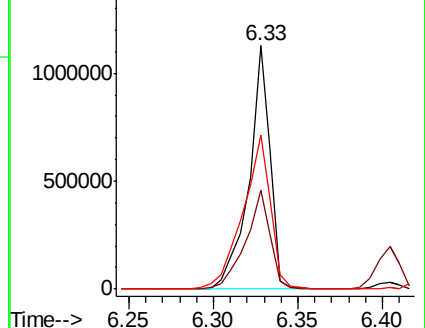
66 63.3 42.6 82.6

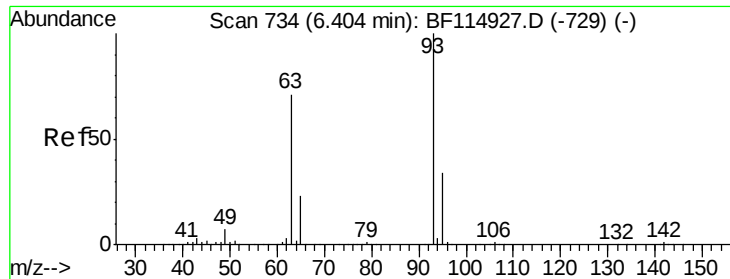


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 43.034 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF114949.D

Acq: 11 Jun 2019 17:58

Instrument :

BNA_F

ClientSampleId :

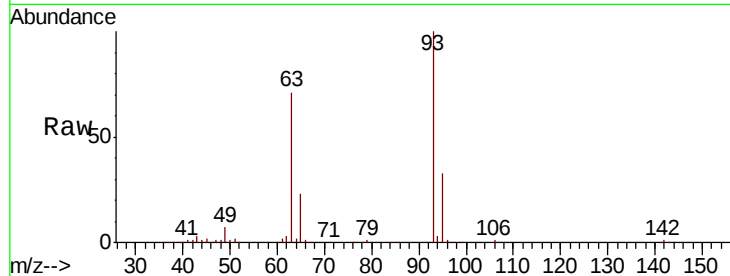
Tot Ion: 93 Resp: 820597

Ion Ratio Lower Upper

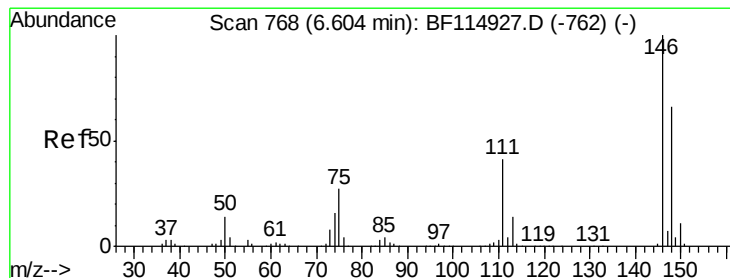
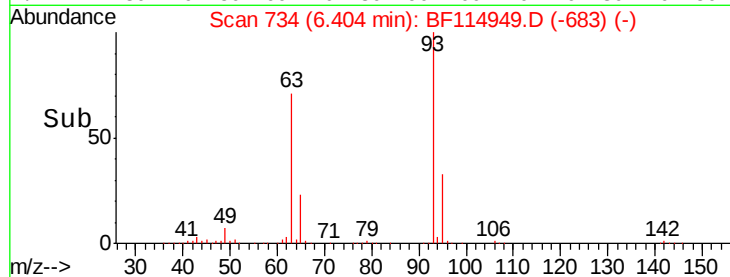
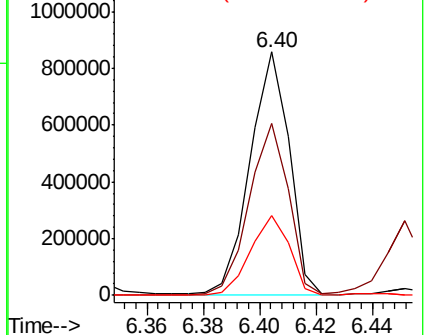
93 100

63 70.6 50.5 90.5

95 32.6 13.6 53.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 42.817 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF114949.D

Acq: 11 Jun 2019 17:58

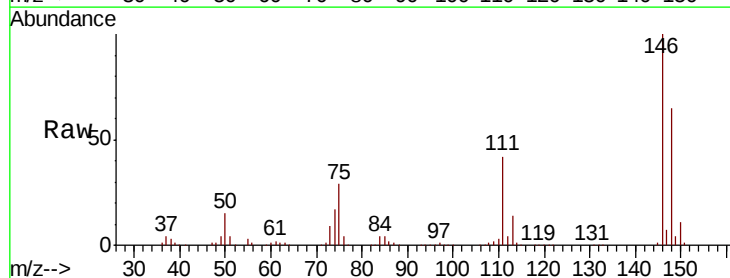
Tgt Ion: 146 Resp: 1008866

Ion Ratio Lower Upper

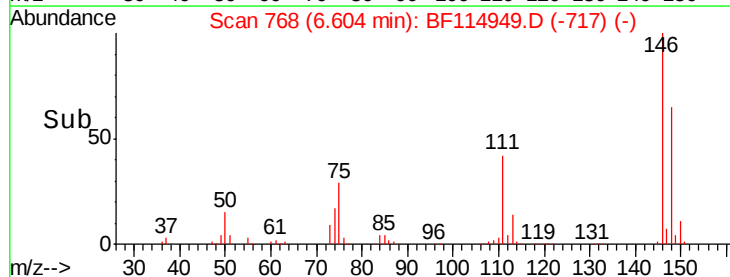
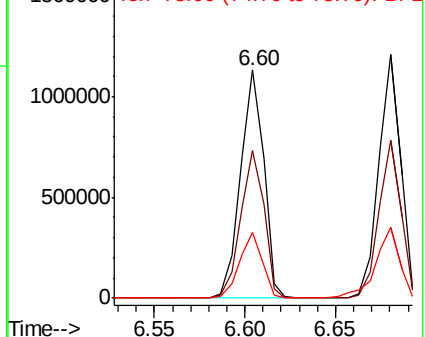
146 100

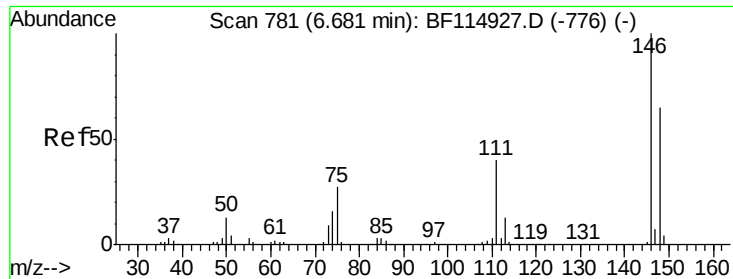
148 64.7 52.6 78.8

75 28.8 21.9 32.9



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 42.974 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.00 min

Lab File: BF114949.D

Acq: 11 Jun 2019 17:58

Instrument :

BNA_F

ClientSampleId :

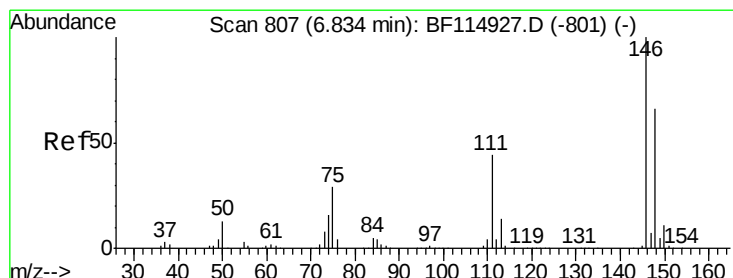
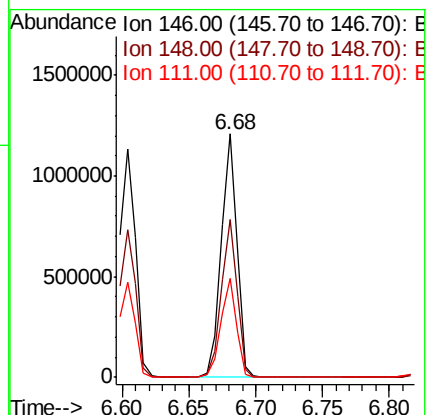
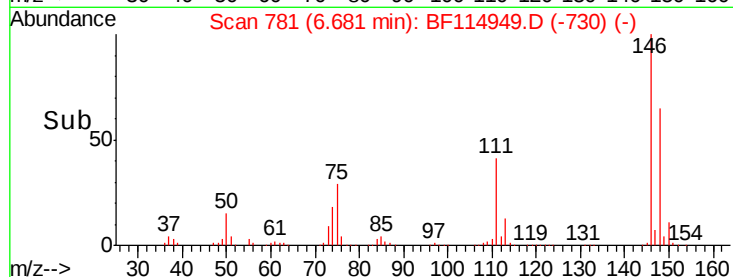
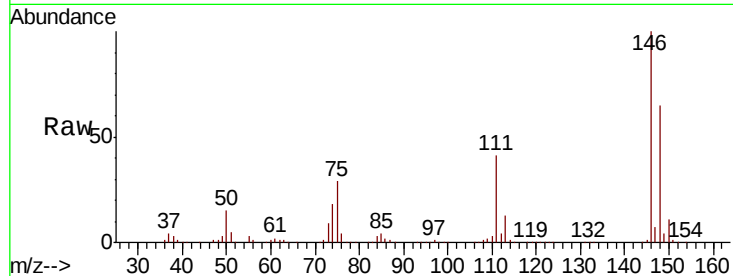
Tot Ion:146 Resp: 1015390

Ion Ratio Lower Upper

146 100

148 65.0 52.3 78.5

111 40.8 31.8 47.8



#14

1,2-Dichlorobenzene

Concen: 43.034 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.00 min

Lab File: BF114949.D

Acq: 11 Jun 2019 17:58

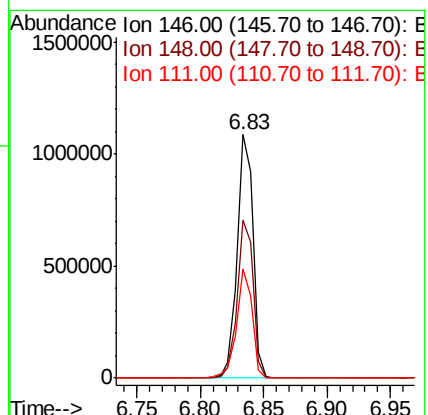
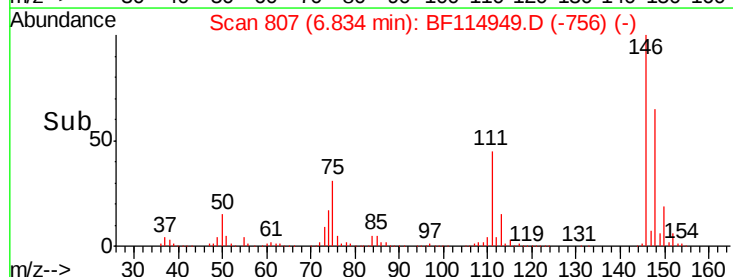
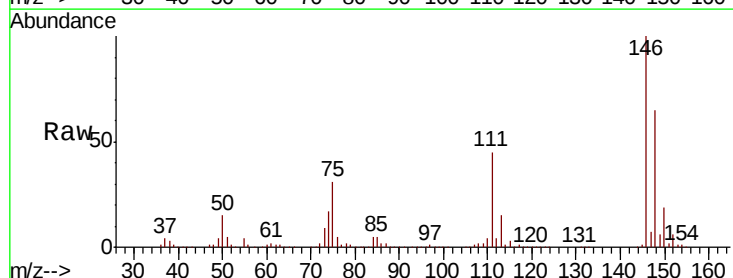
Tgt Ion:146 Resp: 922898

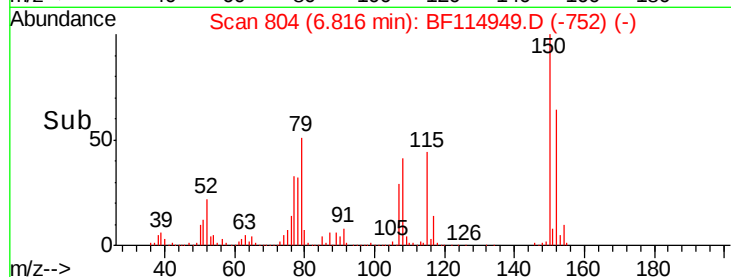
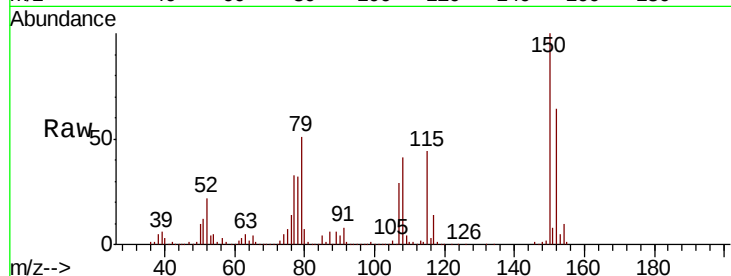
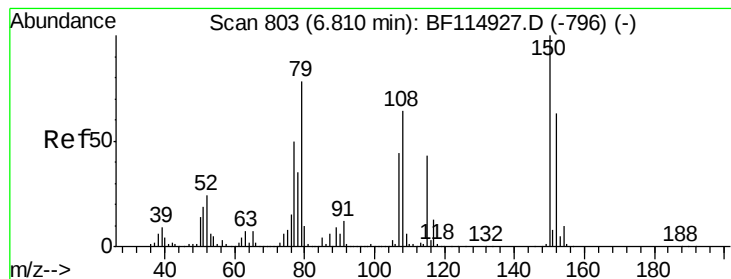
Ion Ratio Lower Upper

146 100

148 64.9 52.7 79.1

111 44.9 35.4 53.2





#15

Benzyl Alcohol

Concen: 42.671 ng

RT: 6.82 min Scan# 804

Delta R.T. 0.01 min

Lab File: BF114949.D

Acq: 11 Jun 2019 17:58

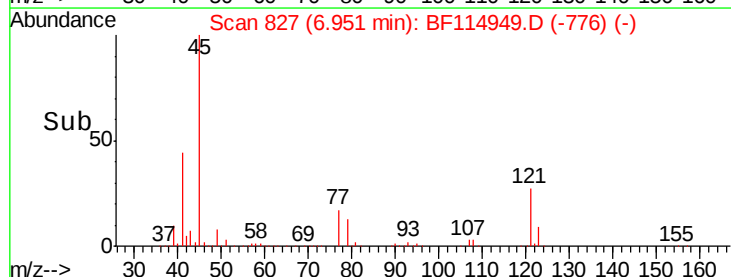
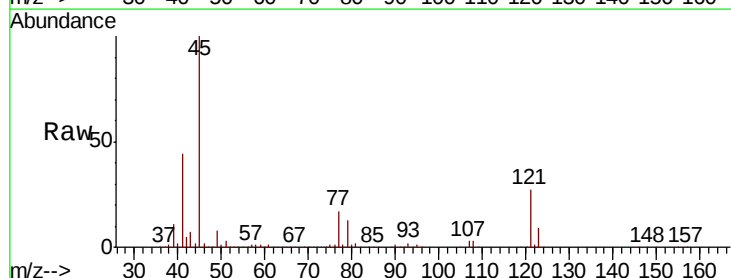
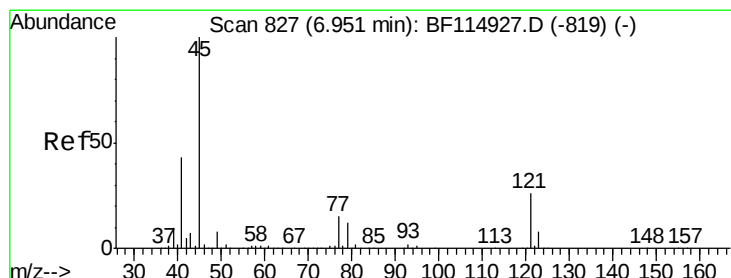
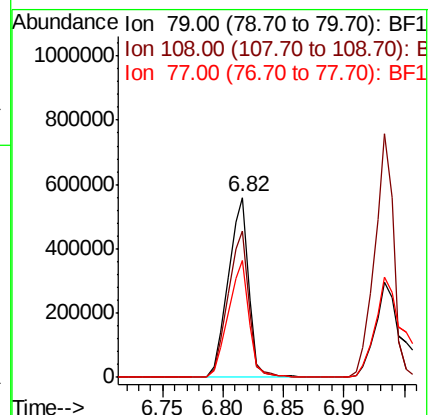
Tot Ion: 79 Resp: 660653

Ion Ratio Lower Upper

79 100

108 81.4 65.5 98.3

77 65.0 51.3 76.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.764 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.00 min

Lab File: BF114949.D

Acq: 11 Jun 2019 17:58

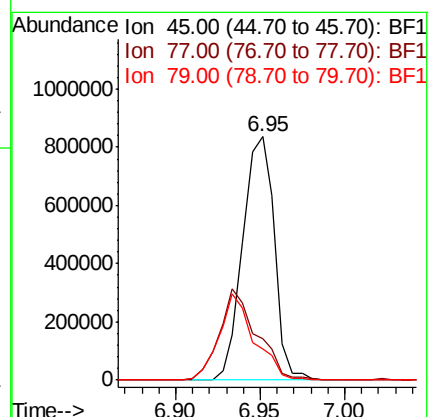
Tgt Ion: 45 Resp: 1095241

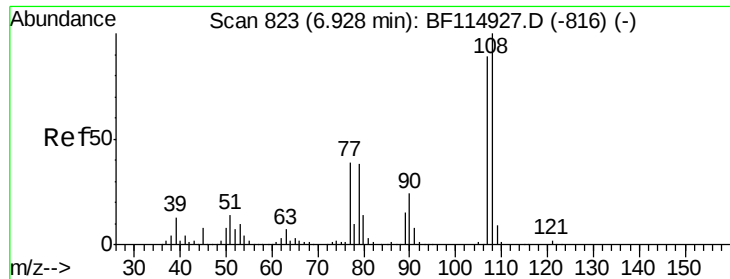
Ion Ratio Lower Upper

45 100

77 16.9 0.0 36.2

79 13.0 0.0 32.7

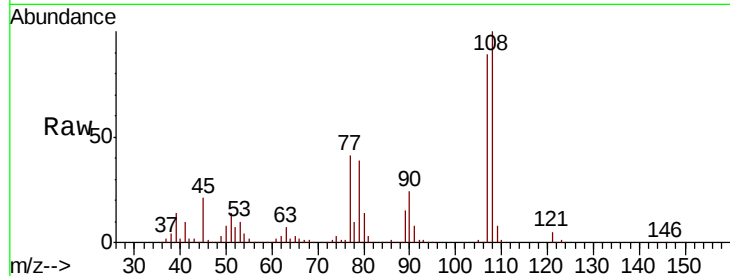




#17
2-Methylphenol
Concen: 43.096 ng
RT: 6.93 min Scan# 824
Delta R.T. 0.01 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.3	90.2	135.2
77	46.2	35.4	53.0
79	43.9	34.6	52.0



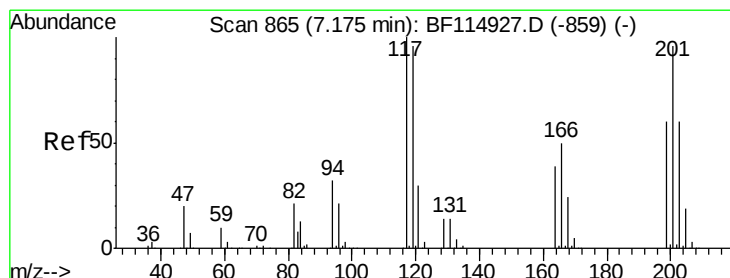
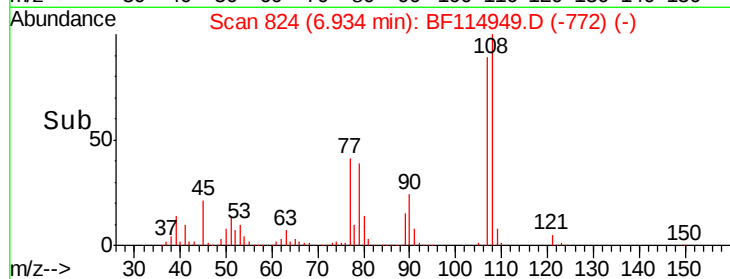
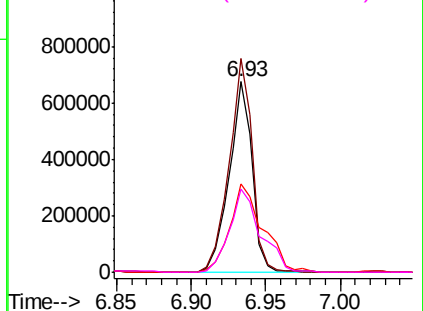
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

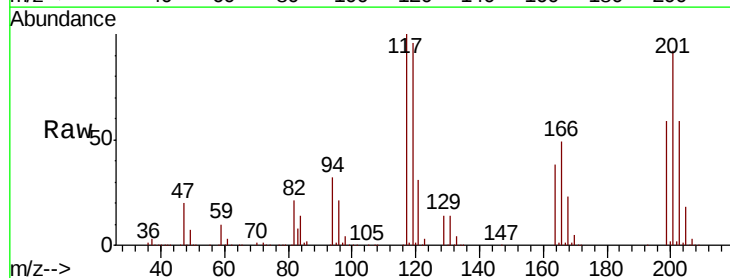
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 42.832 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.6	114.8
201	91.5	77.0	115.6

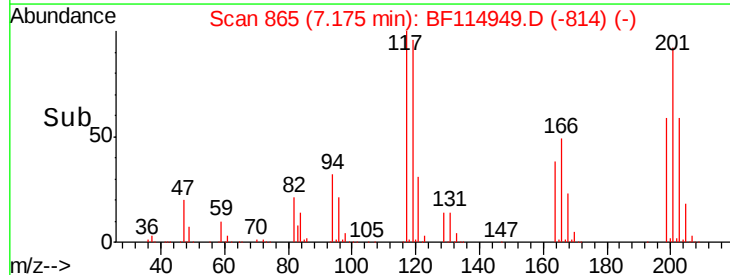
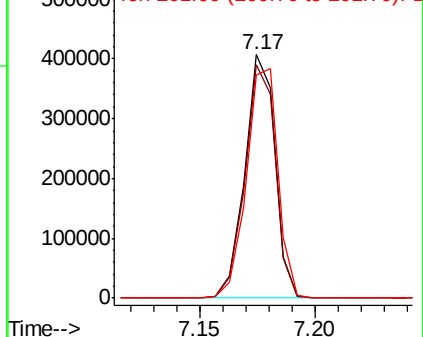


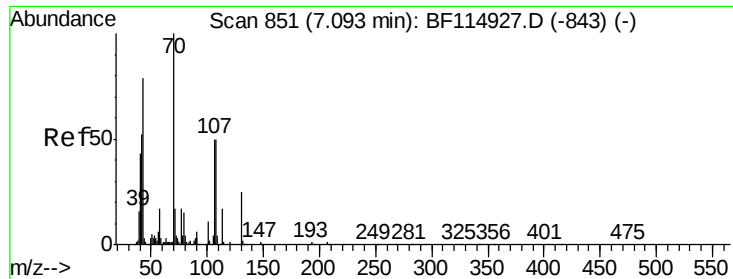
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

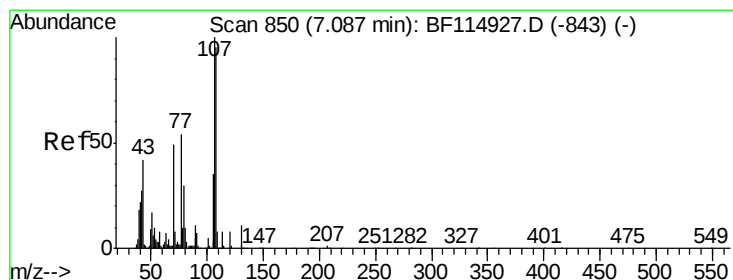
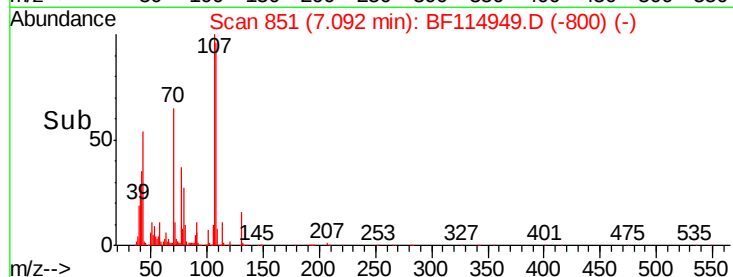
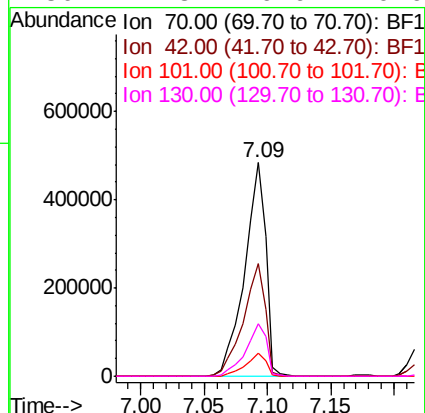
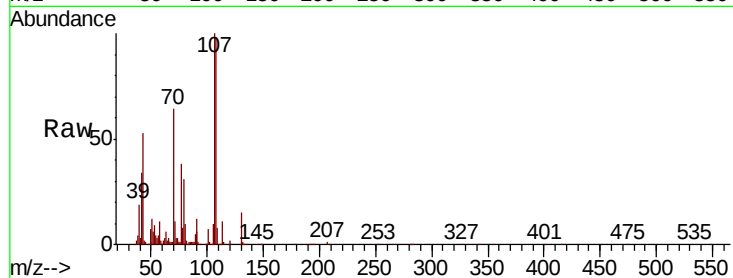




#19
n-Nitroso-di-n-propylamine
Concen: 41.737 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.00 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

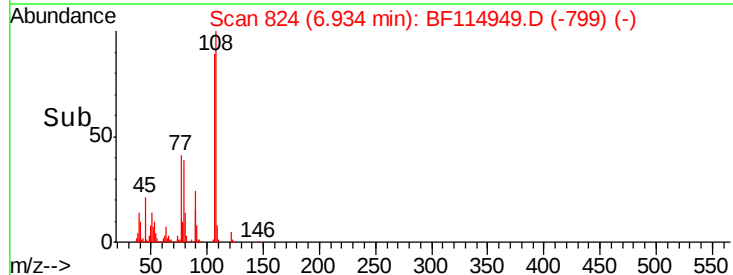
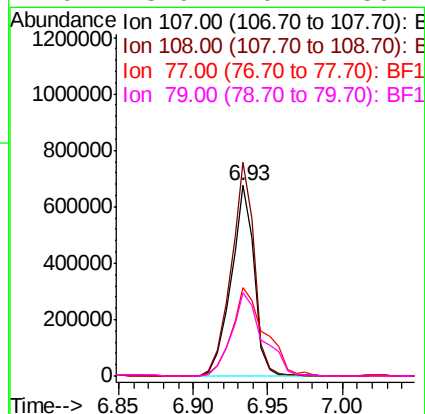
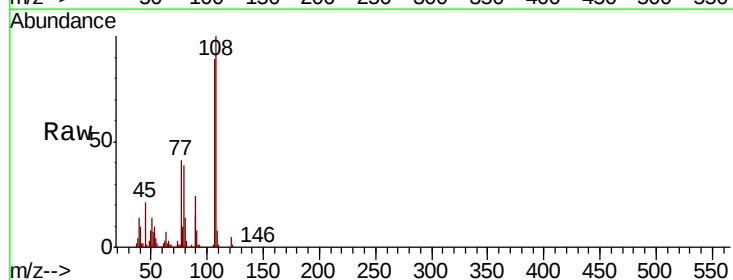
Instrument :
BNA_F
ClientSampleId :

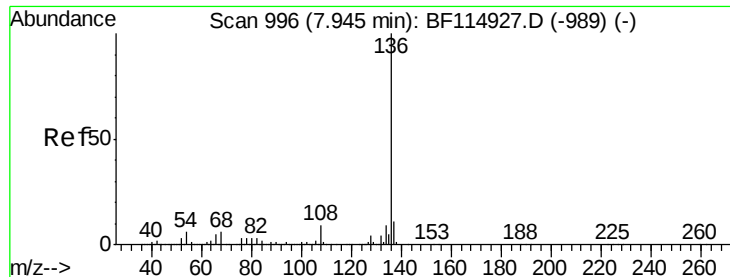
Tot Ion:	70	Resp:	559994
Ion	Ratio	Lower	Upper
70	100		
42	53.0	41.7	62.5
101	10.5	8.4	12.6
130	24.3	19.9	29.9



#20
3+4-Methylphenols
Concen: 38.479 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.15 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Tgt Ion:	107	Resp:	732384
Ion	Ratio	Lower	Upper
107	100		
108	112.3	74.7	114.7
77	46.2	33.7	73.7
79	43.9	10.2	50.2

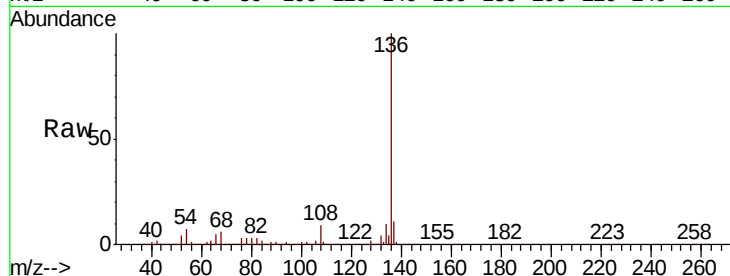




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.00 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	1227868
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	6.7	5.2	7.8
68	6.1	4.6	7.0



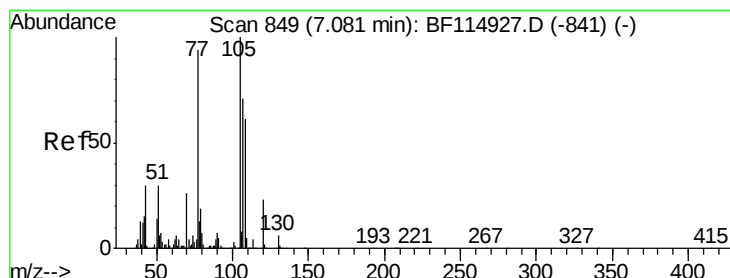
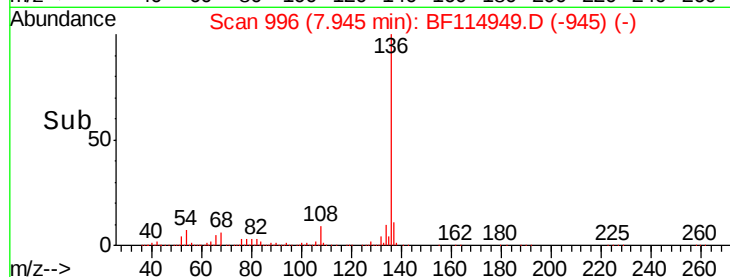
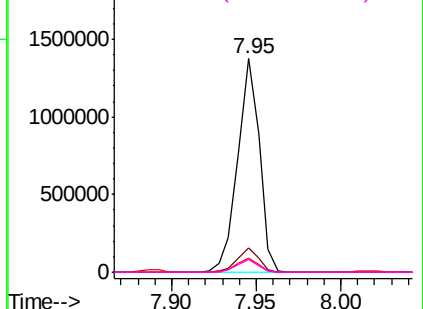
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

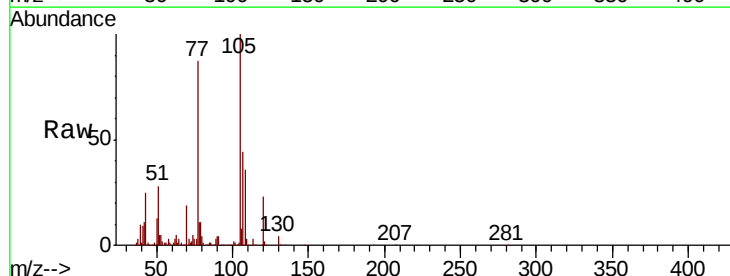
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 42.803 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Tgt Ion:	105	Resp:	1176449
Ion	Ratio	Lower	Upper
105	100		
71	3.3	3.4	5.2#
51	28.2	24.0	36.0
120	23.4	18.8	28.2



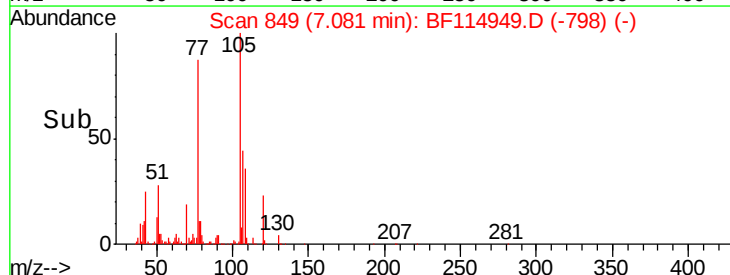
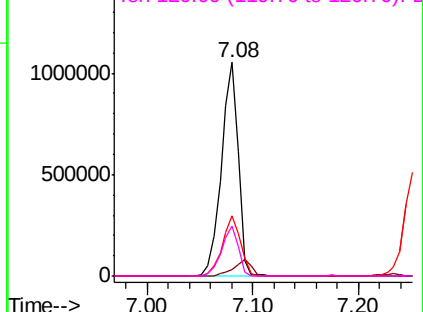
Abundance

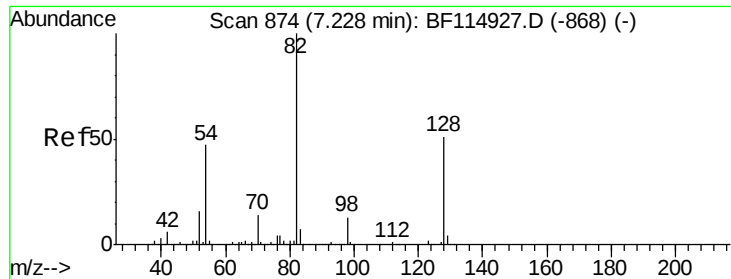
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

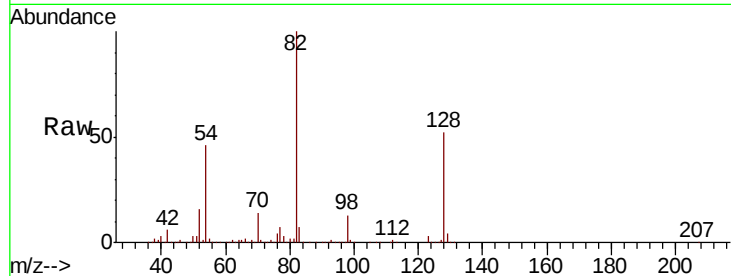




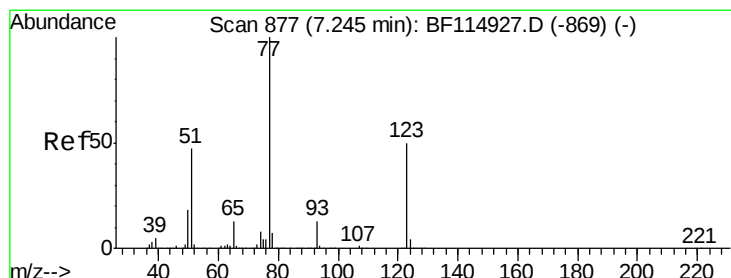
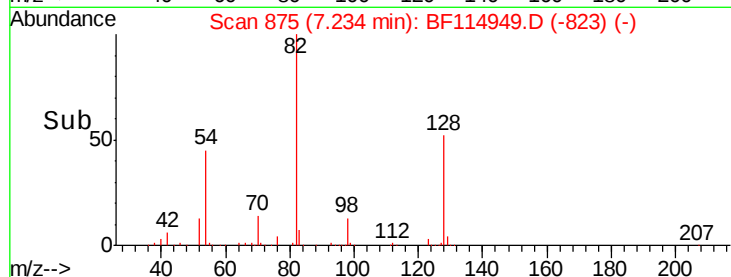
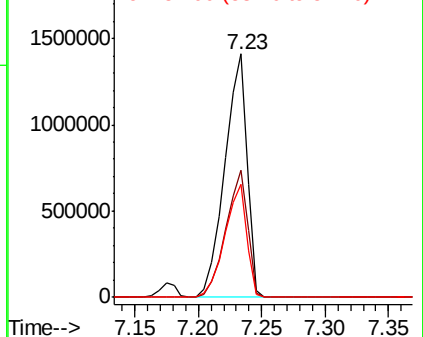
#23
Nitrobenzene-d5
Concen: 85.564 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.01 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1709930
Ion Ratio Lower Upper
82 100
128 52.1 40.9 61.3
54 46.3 37.4 56.0

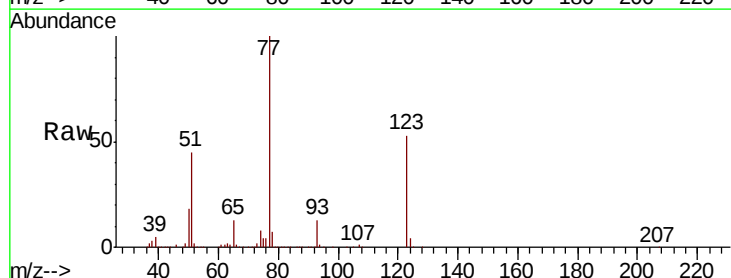


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

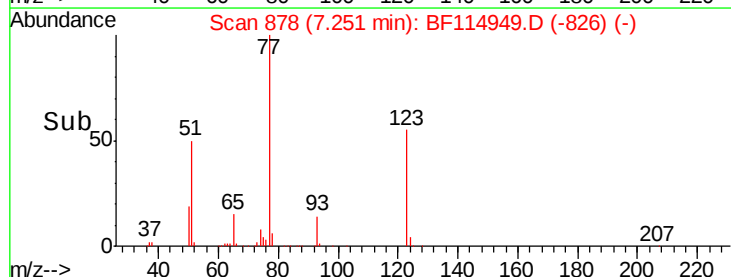
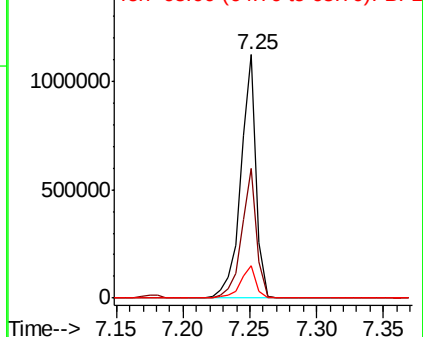


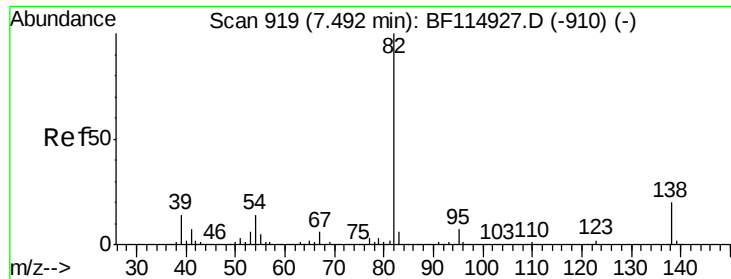
#24
Nitrobenzene
Concen: 43.041 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.01 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Tgt Ion: 77 Resp: 894773
Ion Ratio Lower Upper
77 100
123 53.4 39.8 59.6
65 13.2 10.7 16.1



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





#25

Isophorone

Concen: 41.138 ng

RT: 7.49 min Scan# 919

Delta R.T. -0.00 min

Lab File: BF114949.D

Acq: 11 Jun 2019 17:58

Instrument :

BNA_F

ClientSampleId :

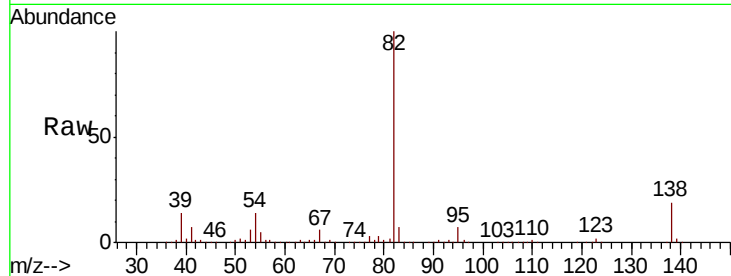
Tot Ion: 82 Resp: 1609852

Ion Ratio Lower Upper

82 100

95 7.1 5.7 8.5

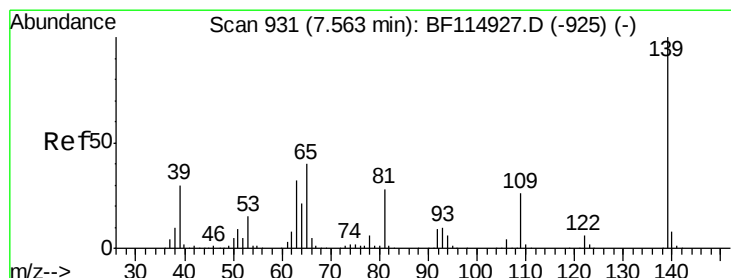
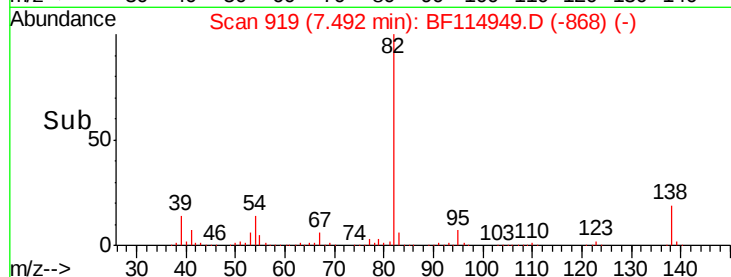
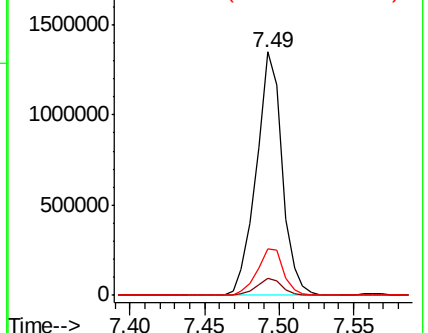
138 19.4 16.4 24.6



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: 44.112 ng

RT: 7.56 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF114949.D

Acq: 11 Jun 2019 17:58

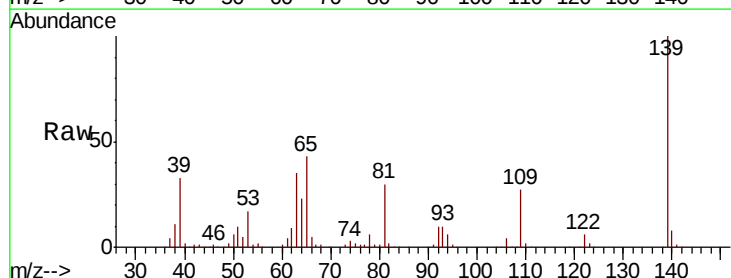
Tgt Ion: 139 Resp: 509479

Ion Ratio Lower Upper

139 100

109 26.6 20.6 30.8

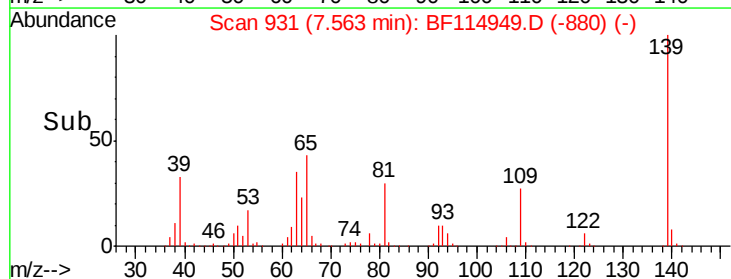
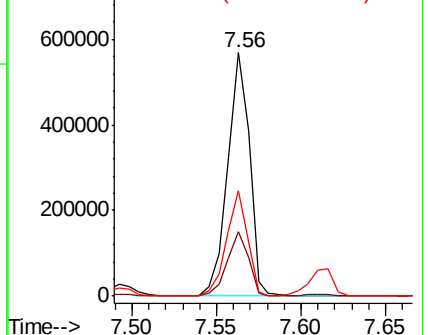
65 43.4 32.2 48.2

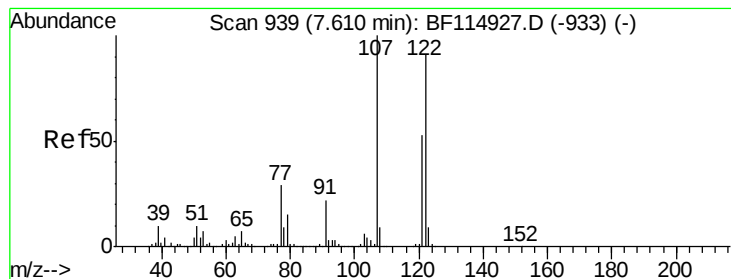


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 42.205 ng

RT: 7.62 min Scan# 940

Delta R.T. 0.01 min

Lab File: BF114949.D

Acq: 11 Jun 2019 17:58

Instrument :

BNA_F

ClientSampleId :

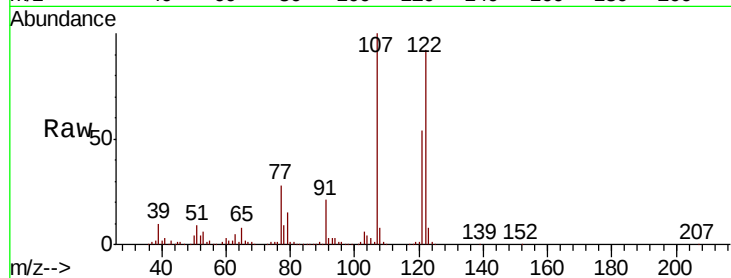
Tot Ion:122 Resp: 713299

Ion Ratio Lower Upper

122 100

107 109.2 88.0 132.0

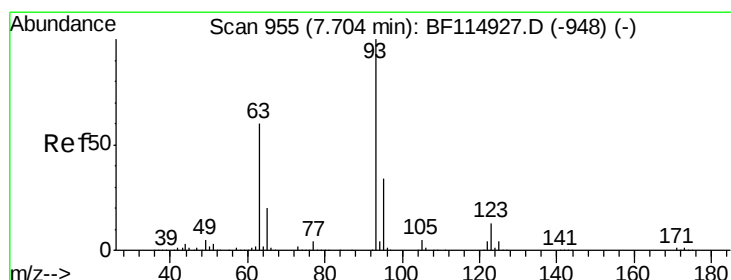
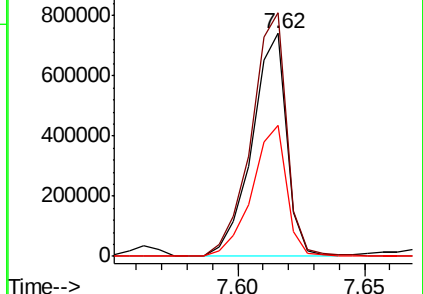
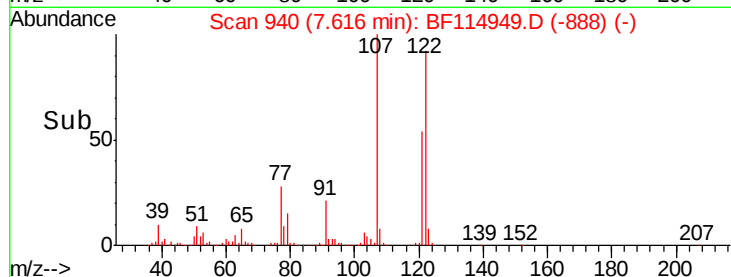
121 58.8 47.0 70.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.909 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF114949.D

Acq: 11 Jun 2019 17:58

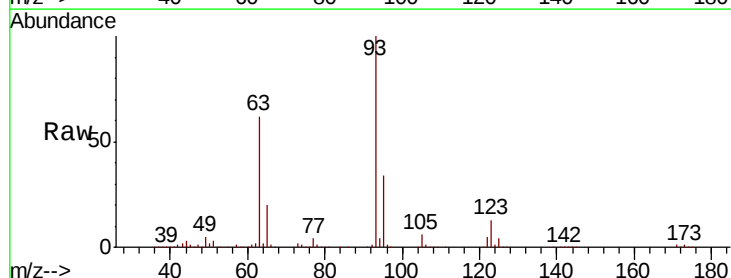
Tgt Ion: 93 Resp: 1049140

Ion Ratio Lower Upper

93 100

95 33.6 27.0 40.4

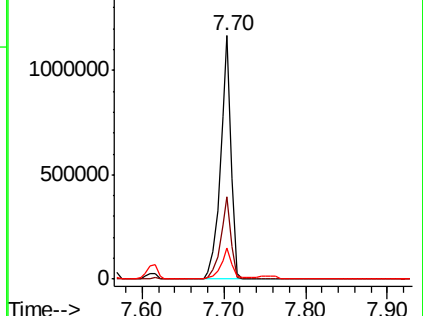
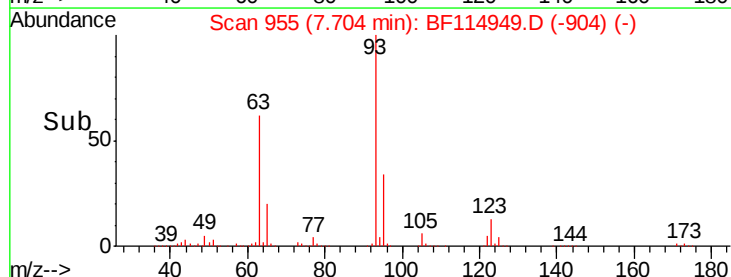
123 12.6 10.3 15.5

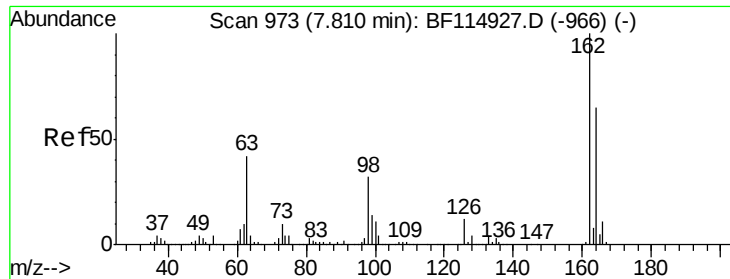


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

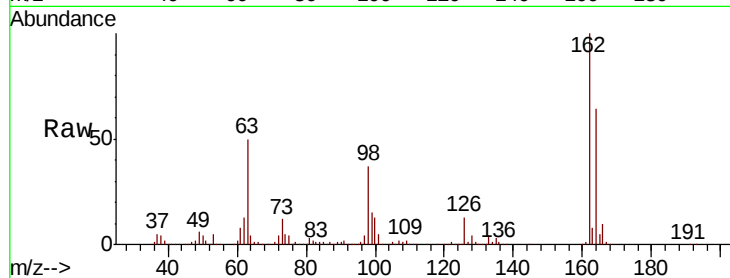




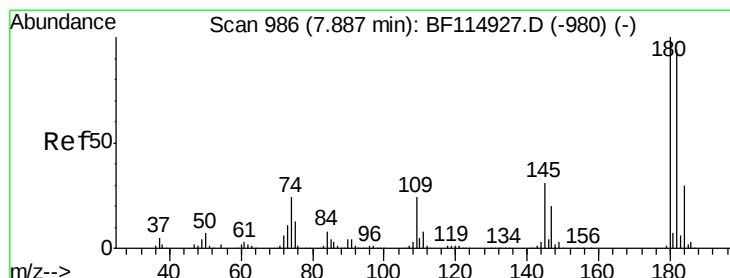
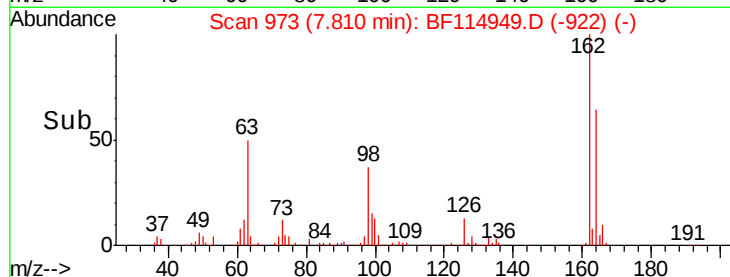
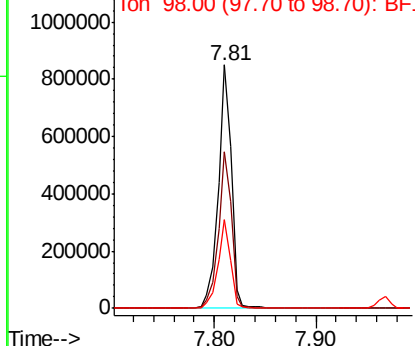
#29
 2,4-Dichlorophenol
 Concen: 43.333 ng
 RT: 7.81 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: BF114949.D
 Acq: 11 Jun 2019 17:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	45.4	85.4
98	36.5	12.5	52.5

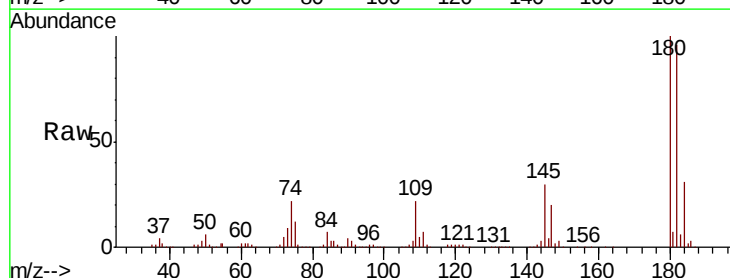


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

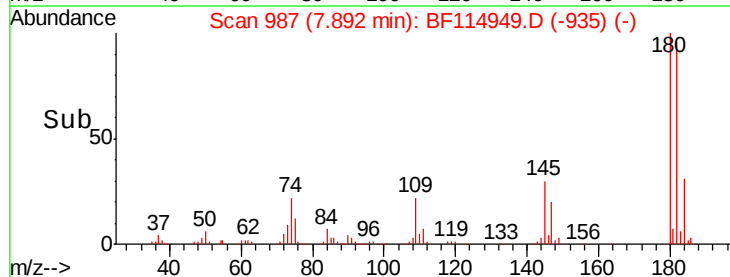
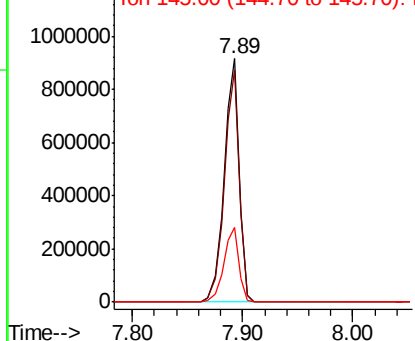


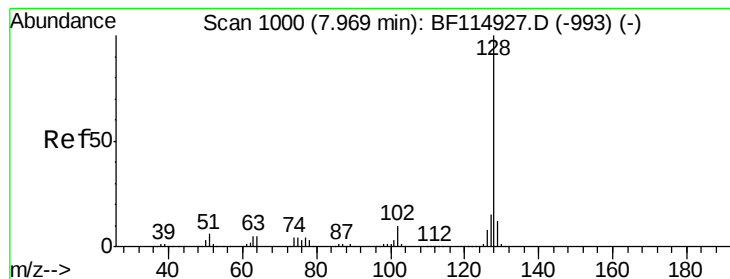
#30
 1,2,4-Trichlorobenzene
 Concen: 42.710 ng
 RT: 7.89 min Scan# 987
 Delta R.T. 0.01 min
 Lab File: BF114949.D
 Acq: 11 Jun 2019 17:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	75.0	112.6
145	30.5	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: 43.047 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BF114949.D

Acq: 11 Jun 2019 17:58

Instrument :

BNA_F

ClientSampleId :

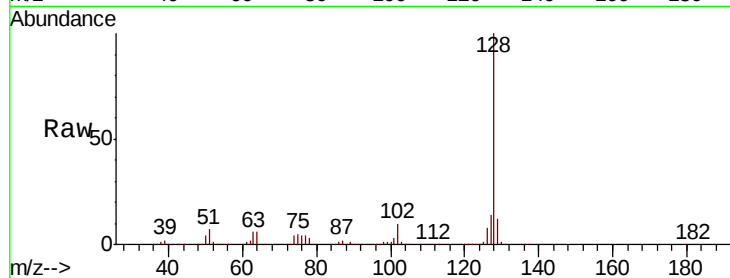
Tot Ion:128 Resp: 2435482

Ion Ratio Lower Upper

128 100

129 12.4 9.8 14.8

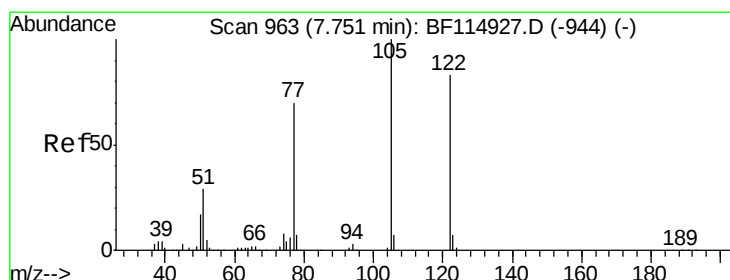
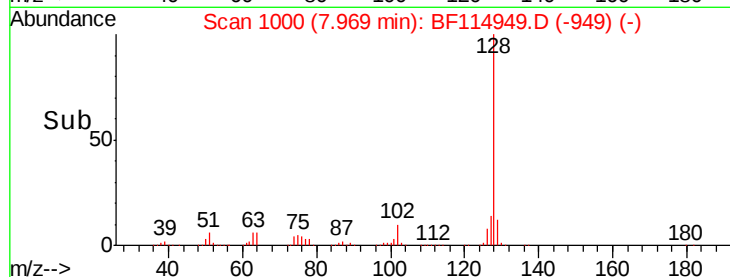
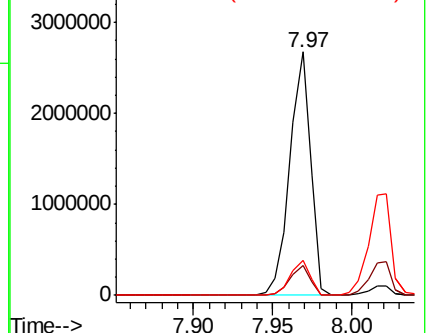
127 14.4 11.8 17.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 42.264 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.01 min

Lab File: BF114949.D

Acq: 11 Jun 2019 17:58

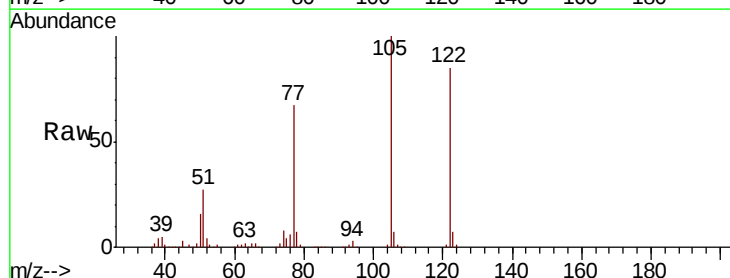
Tgt Ion:122 Resp: 533554

Ion Ratio Lower Upper

122 100

105 117.5 97.7 137.7

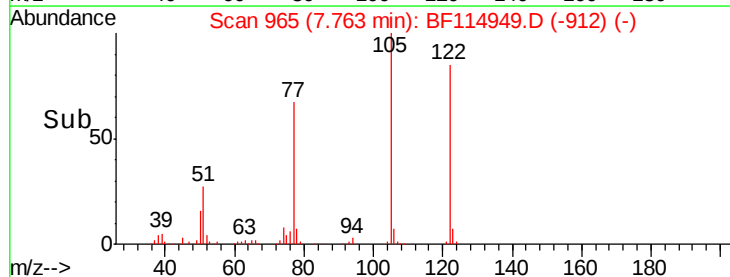
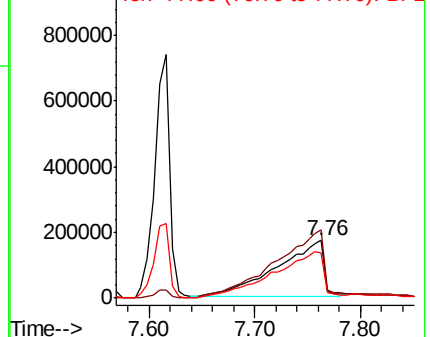
77 78.9 63.0 103.0

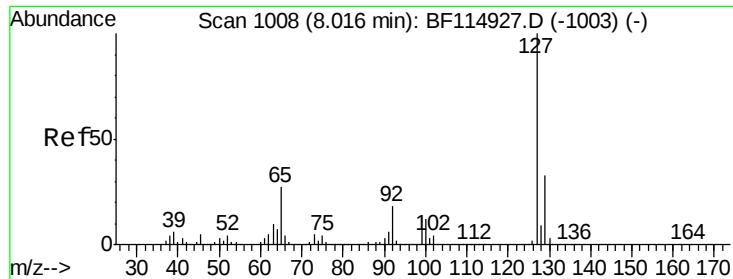


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

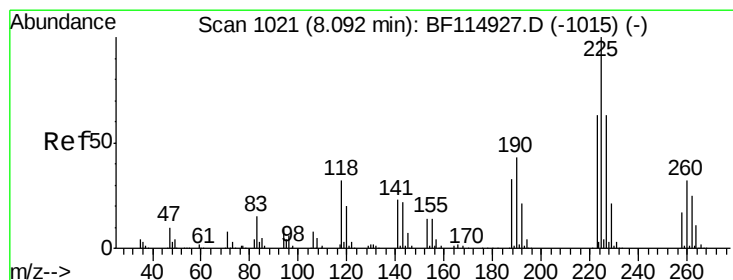
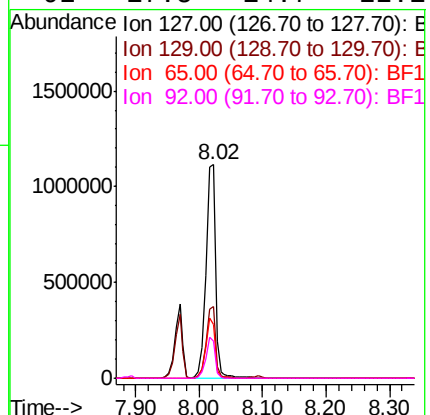
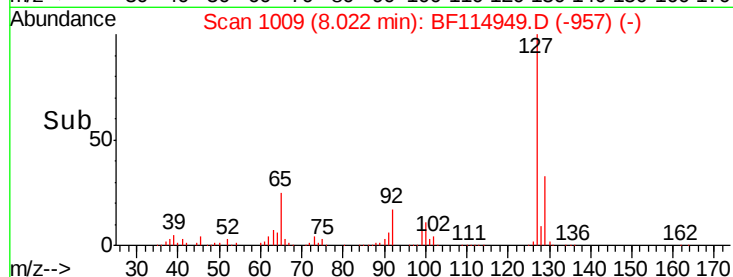
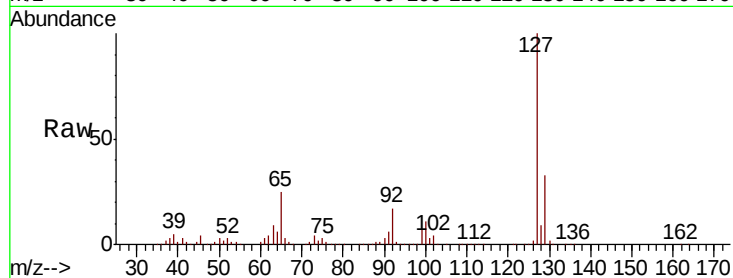




#33
4-Chloroaniline
Concen: 43.393 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.01 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

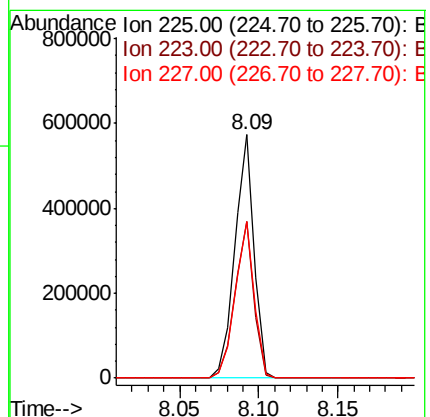
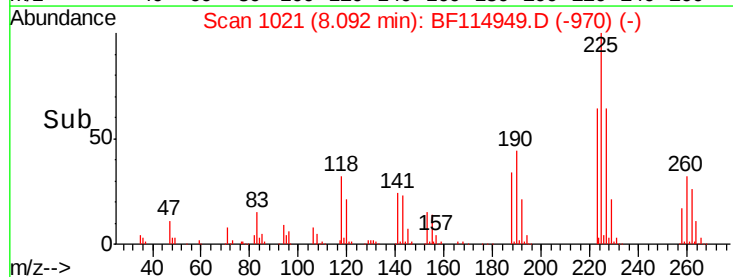
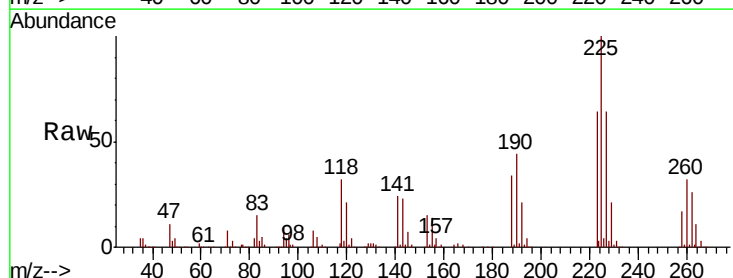
Instrument :
BNA_F
ClientSampleId :

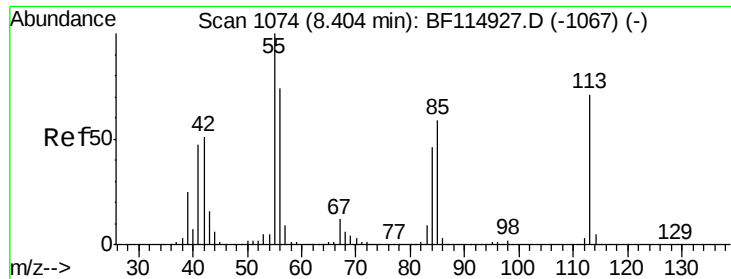
Tot Ion:127 Resp: 1158549
Ion Ratio Lower Upper
127 100
129 33.4 26.6 40.0
65 25.1 21.5 32.3
92 17.5 14.7 22.1



#34
Hexachlorobutadiene
Concen: 42.194 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Tgt Ion:225 Resp: 480700
Ion Ratio Lower Upper
225 100
223 64.2 50.6 75.8
227 64.5 50.6 75.8

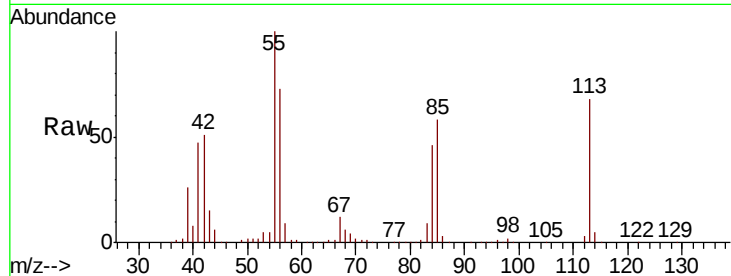




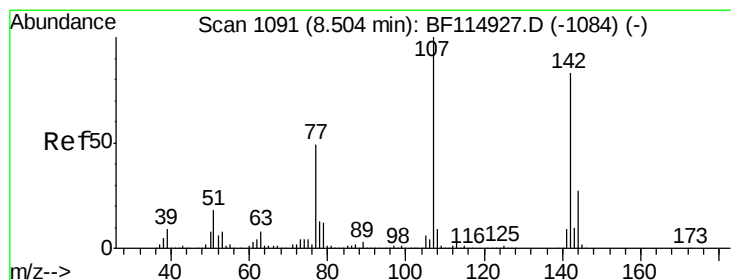
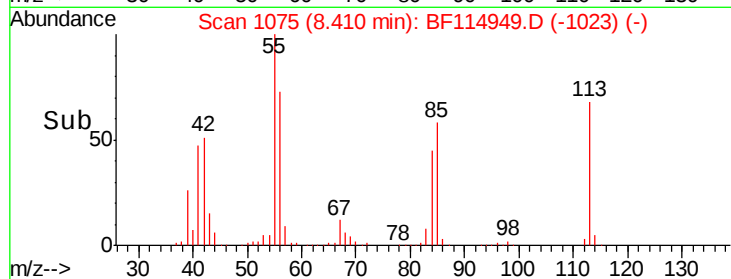
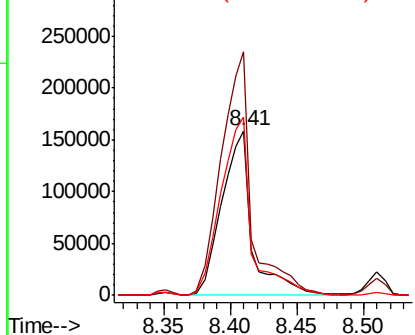
#35
 Caprolactam
 Concen: 42.733 ng
 RT: 8.41 min Scan# 1075
 Delta R.T. 0.01 min
 Lab File: BF114949.D
 Acq: 11 Jun 2019 17:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 254773
 Ion Ratio Lower Upper
 113 100
 55 147.7 120.9 160.9
 56 108.5 84.3 124.3

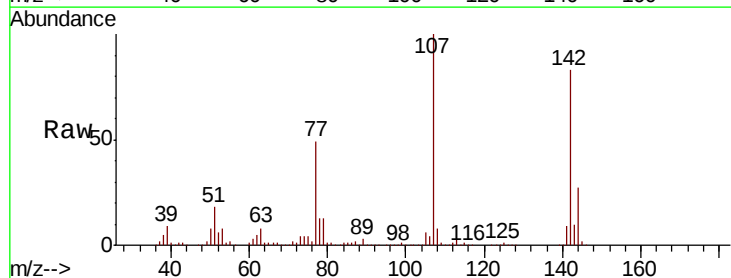


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

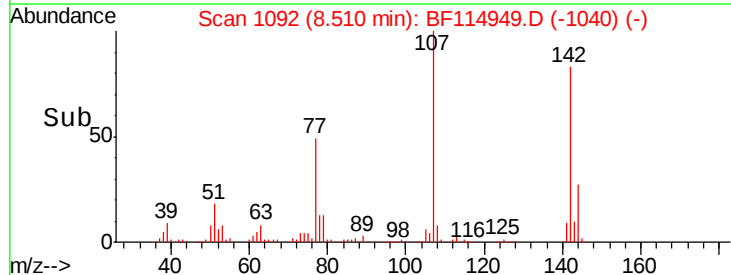
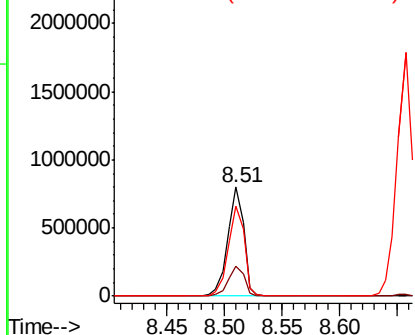


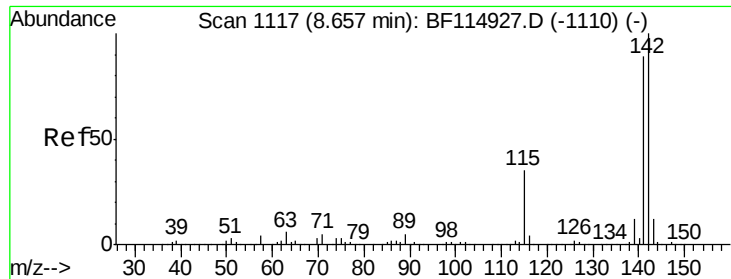
#36
 4-Chloro-3-methylphenol
 Concen: 42.695 ng
 RT: 8.51 min Scan# 1092
 Delta R.T. 0.01 min
 Lab File: BF114949.D
 Acq: 11 Jun 2019 17:58

Tgt Ion:107 Resp: 767514
 Ion Ratio Lower Upper
 107 100
 144 27.3 21.6 32.4
 142 83.1 66.1 99.1



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

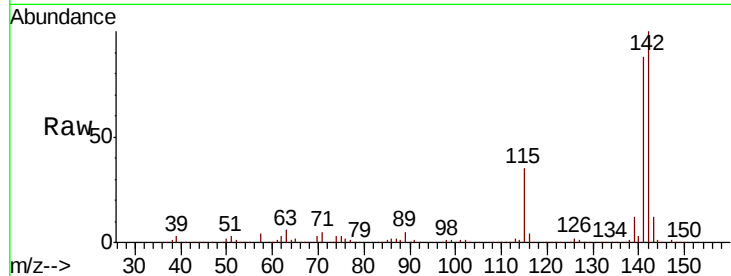




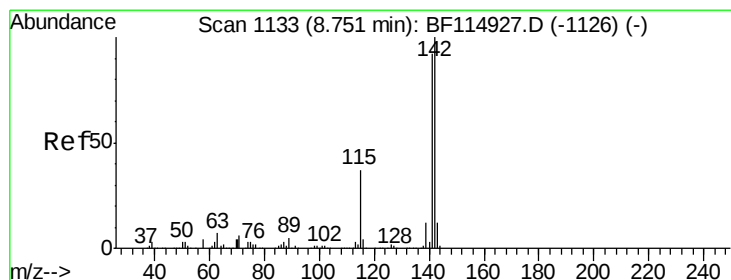
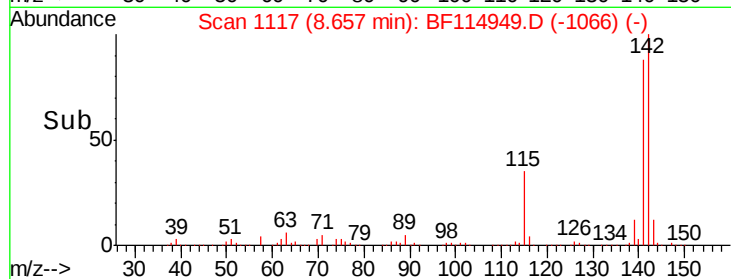
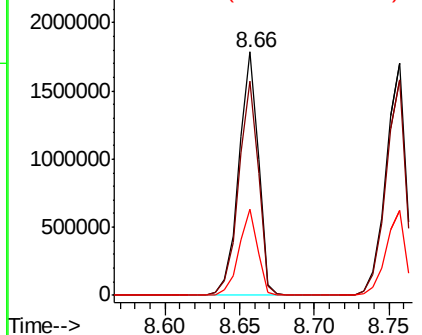
#37
2-Methylnaphthalene
Concen: 42.495 ng
RT: 8.66 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 1633801
Ion Ratio Lower Upper
142 100
141 87.8 71.1 106.7
115 35.2 27.8 41.6

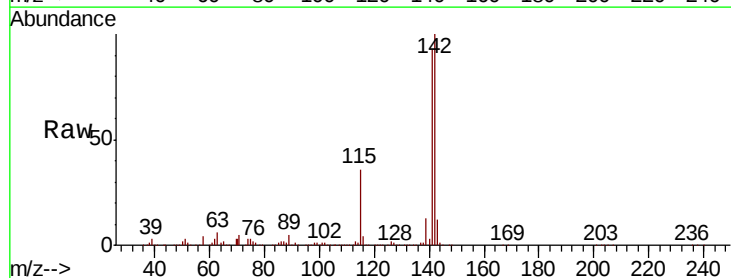


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

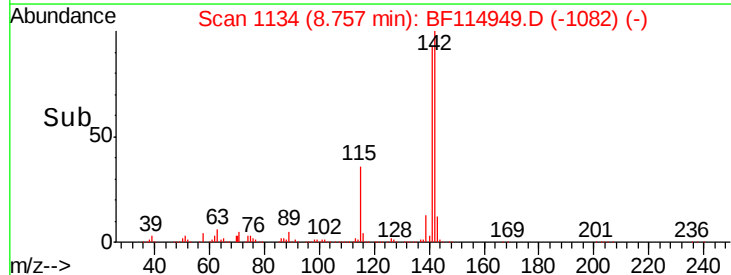
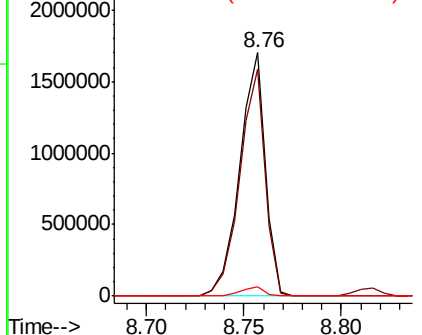


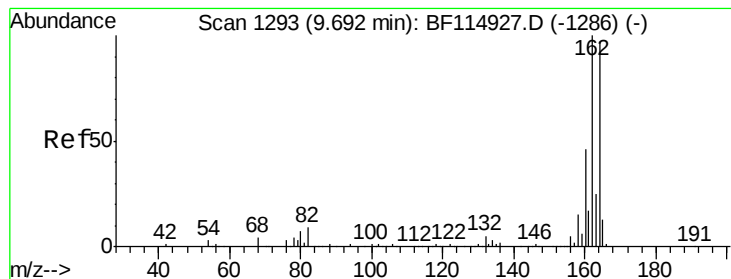
#38
1-Methylnaphthalene
Concen: 42.336 ng
RT: 8.76 min Scan# 1134
Delta R.T. 0.01 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Tgt Ion:142 Resp: 1539430
Ion Ratio Lower Upper
142 100
141 93.0 73.7 110.5
116 3.9 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF114949.D

Acq: 11 Jun 2019 17:58

Instrument :

BNA_F

ClientSampleId :

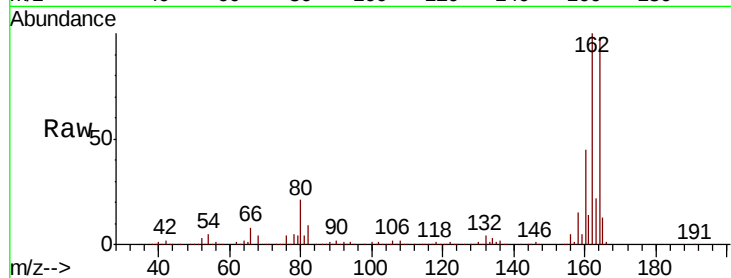
Tot Ion:164 Resp: 601652

Ion Ratio Lower Upper

164 100

162 101.6 82.4 123.6

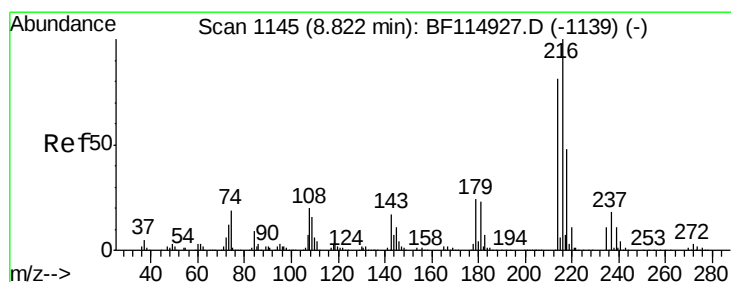
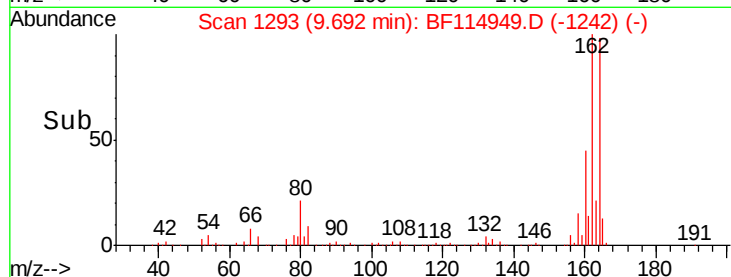
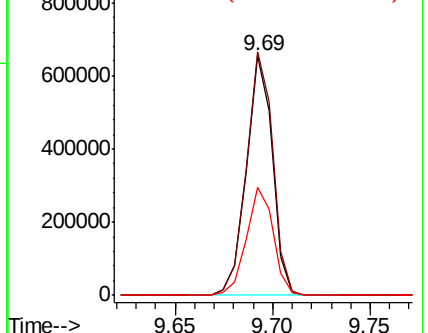
160 45.3 37.5 56.3



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: 43.360 ng

RT: 8.83 min Scan# 1146

Delta R.T. 0.01 min

Lab File: BF114949.D

Acq: 11 Jun 2019 17:58

Tgt Ion:216 Resp: 750048

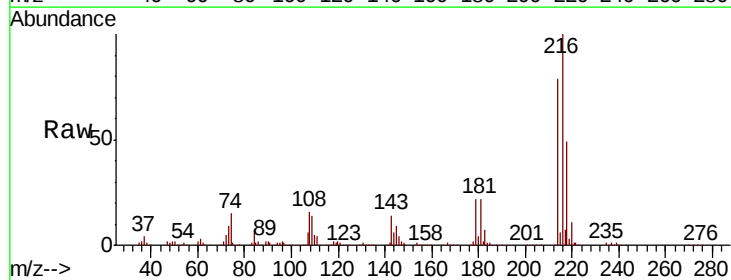
Ion Ratio Lower Upper

216 100

214 79.0 63.8 95.8

179 22.7 18.5 27.7

108 19.1 15.6 23.4

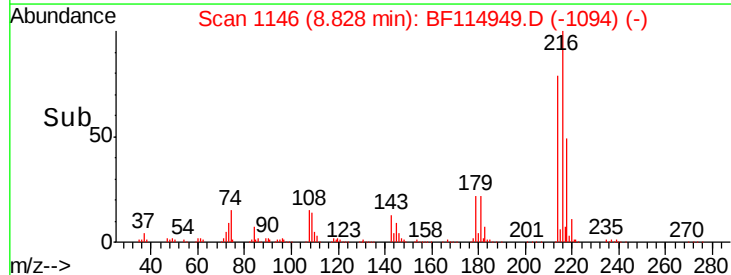
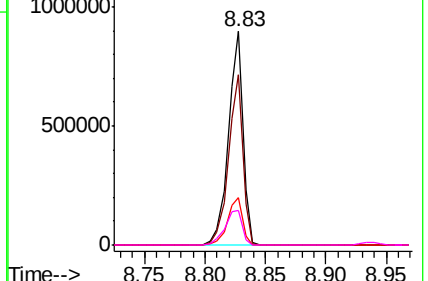


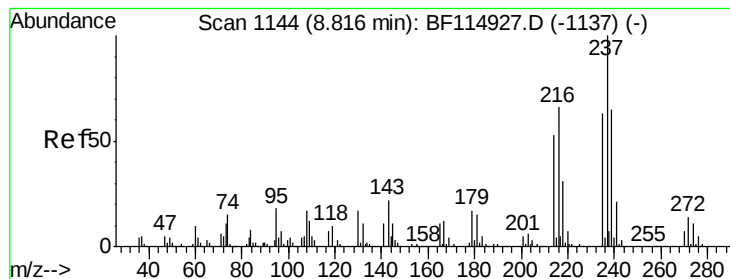
Abundance Ion 216.00 (215.70 to 216.70): E

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: 39.967 ng

RT: 8.82 min Scan# 1144

Delta R.T. -0.00 min

Lab File: BF114949.D

Acq: 11 Jun 2019 17:58

Instrument :

BNA_F

ClientSampleId :

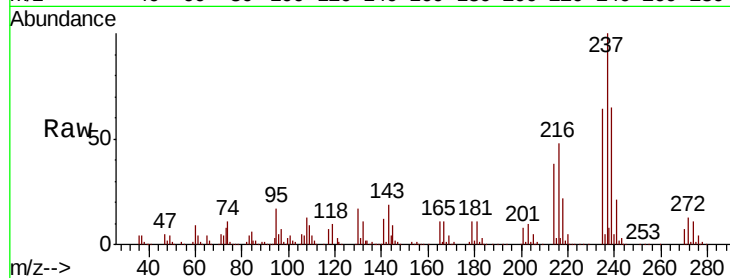
Tot Ion:237 Resp: 392989

Ion	Ratio	Lower	Upper
237	100		
235	63.5	43.3	83.3
272	13.0	0.0	33.5

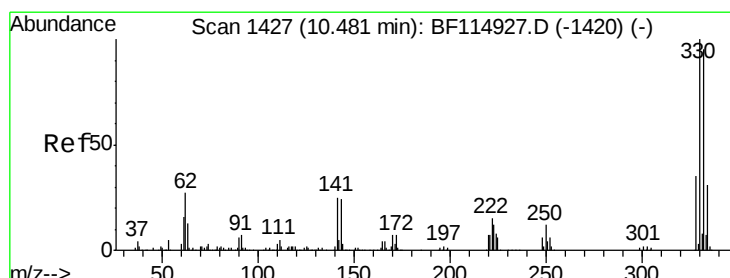
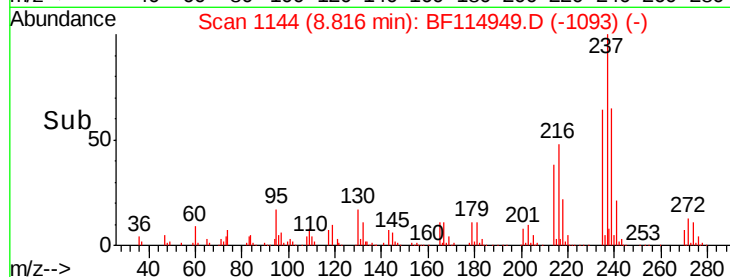
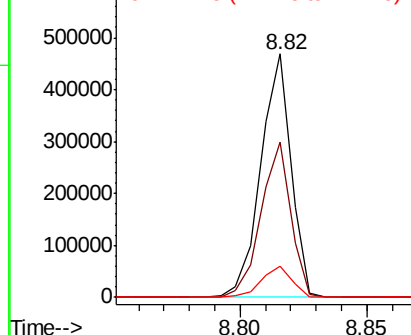
237 100

235 63.5 43.3 83.3

272 13.0 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: 83.524 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.00 min

Lab File: BF114949.D

Acq: 11 Jun 2019 17:58

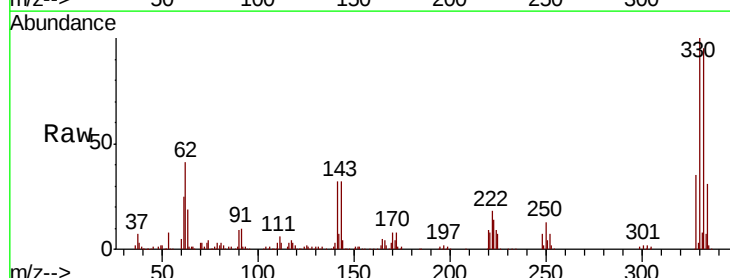
Tgt Ion:330 Resp: 546652

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.4	114.6
141	33.6	26.8	40.2

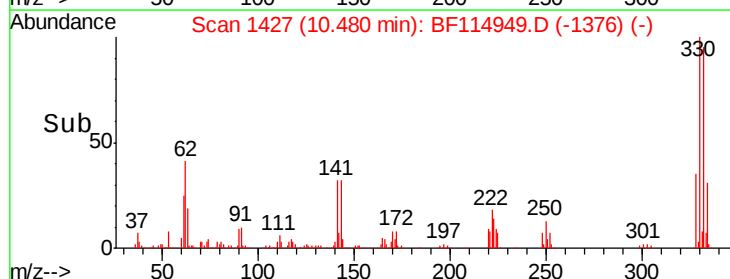
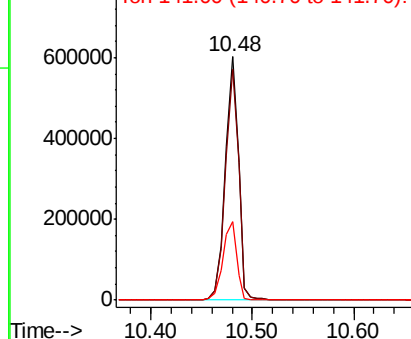
330 100

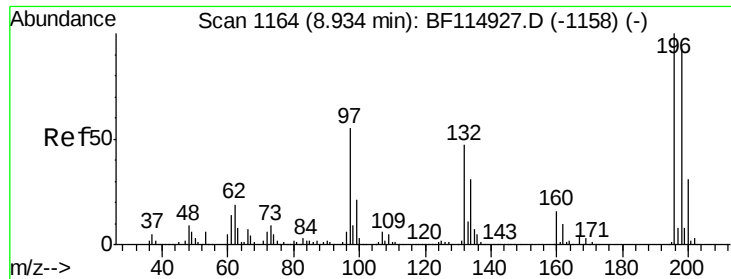
332 95.8 76.4 114.6

141 33.6 26.8 40.2



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

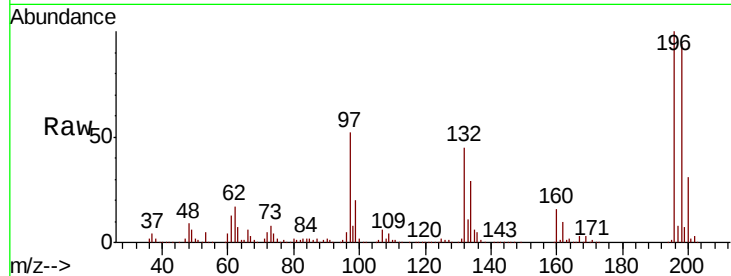




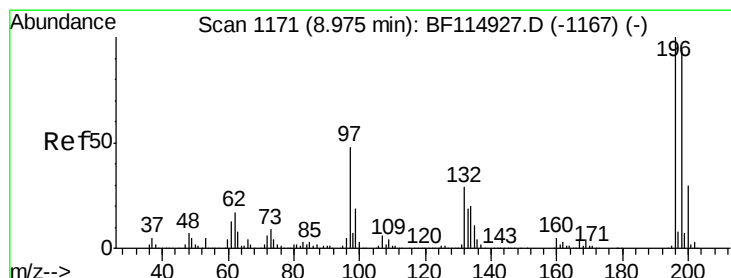
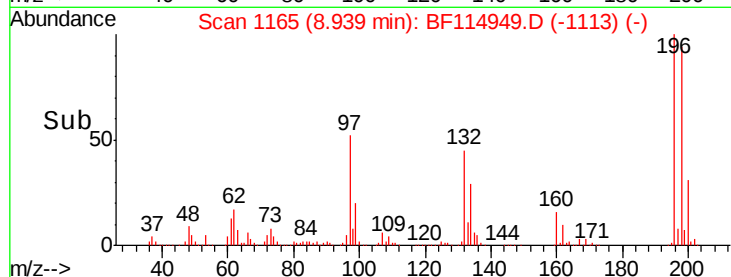
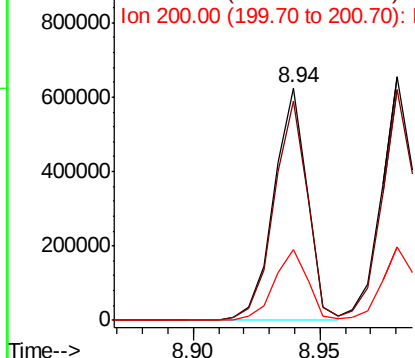
#43
 2,4,6-Trichlorophenol
 Concen: 43.051 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. 0.01 min
 Lab File: BF114949.D
 Acq: 11 Jun 2019 17:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 565486
 Ion Ratio Lower Upper
 196 100
 198 94.3 74.8 112.2
 200 30.7 24.5 36.7

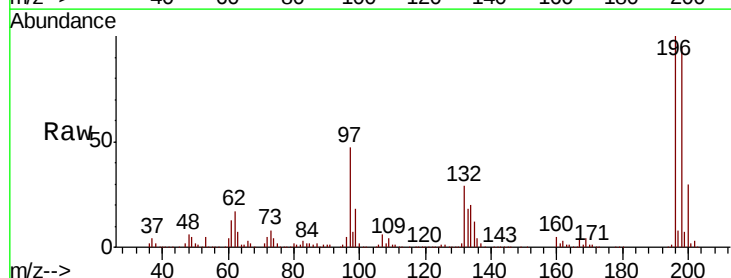


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

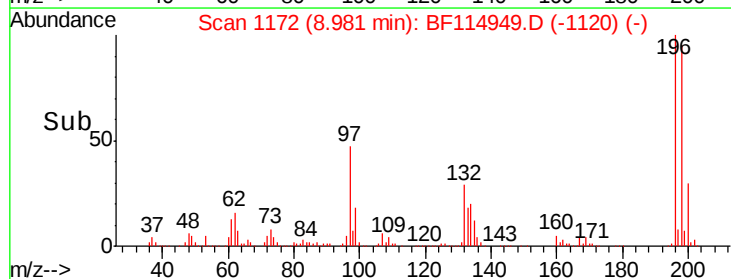
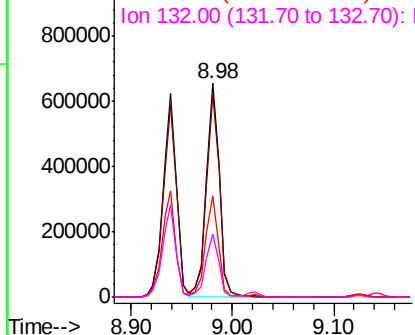


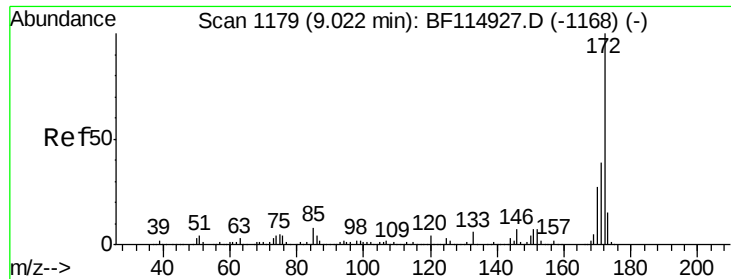
#44
 2,4,5-Trichlorophenol
 Concen: 43.097 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. 0.01 min
 Lab File: BF114949.D
 Acq: 11 Jun 2019 17:58

Tgt Ion:196 Resp: 583697
 Ion Ratio Lower Upper
 196 100
 198 94.6 75.6 113.4
 97 47.2 38.6 57.8
 132 29.3 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

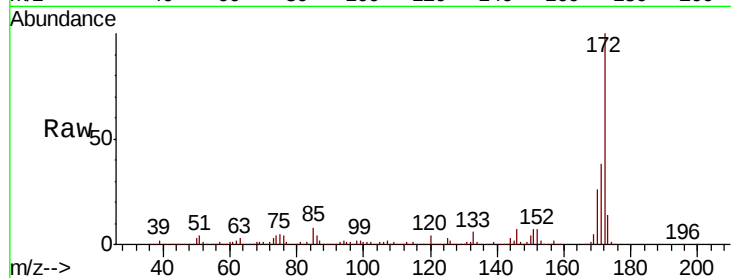




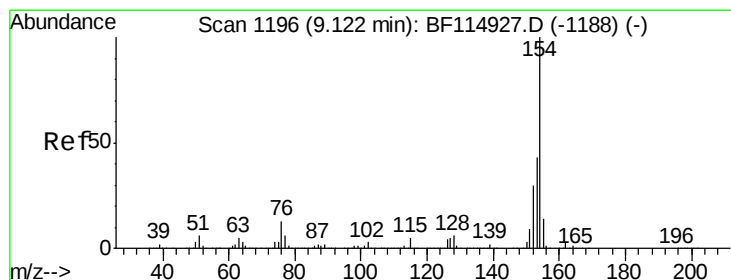
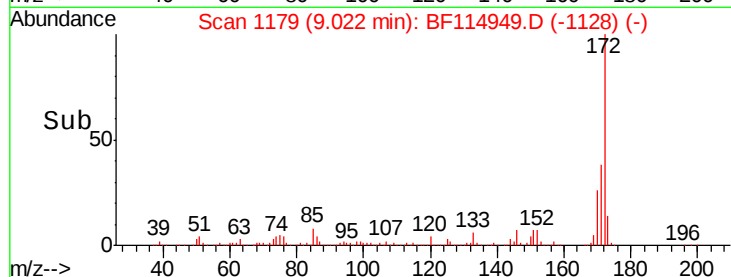
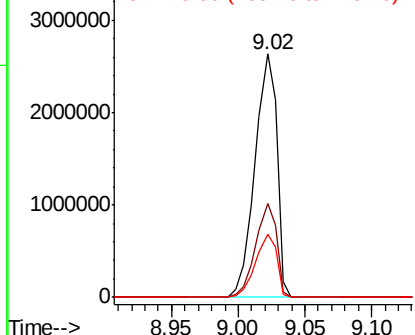
#45
2-Fluorobiphenyl
Concen: 77.818 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2950064
Ion Ratio Lower Upper
172 100
171 38.3 31.3 46.9
170 26.2 21.4 32.0

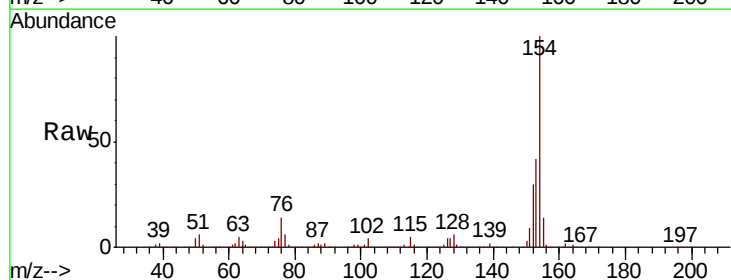


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

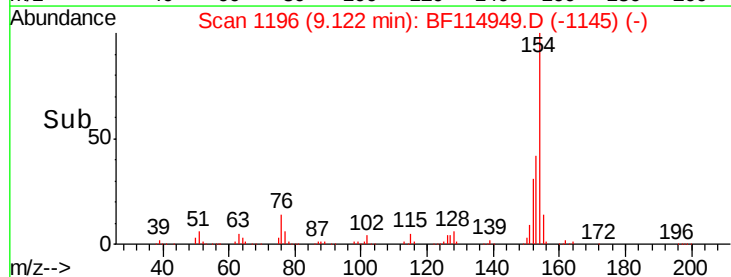
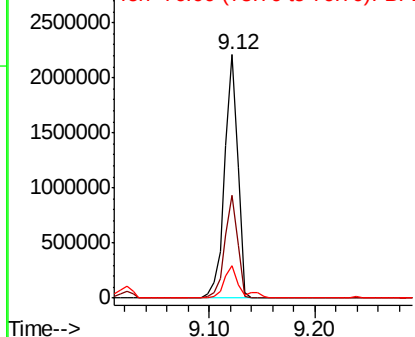


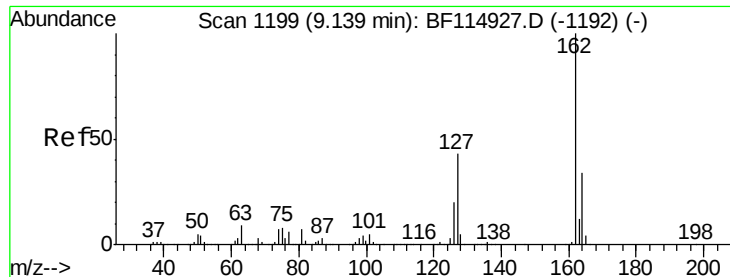
#46
1,1'-Biphenyl
Concen: 42.931 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.00 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Tgt Ion:154 Resp: 1932382
Ion Ratio Lower Upper
154 100
153 42.3 22.8 62.8
76 13.6 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

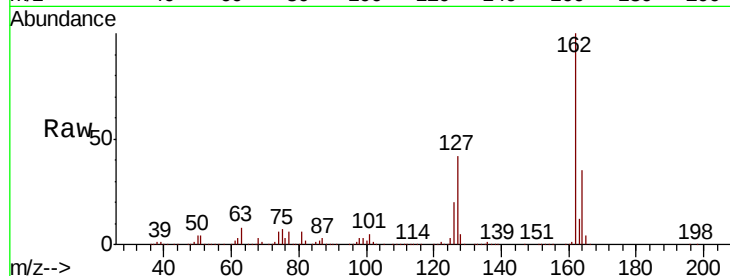




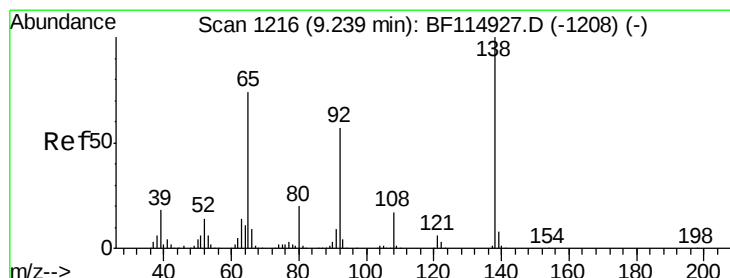
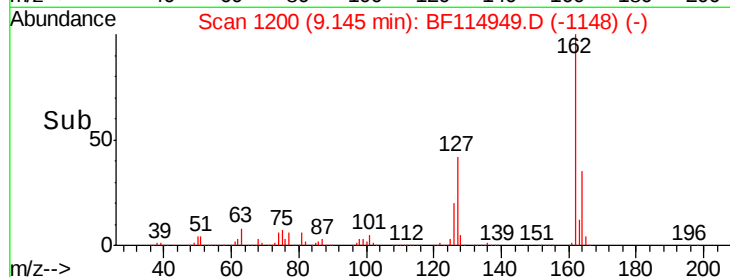
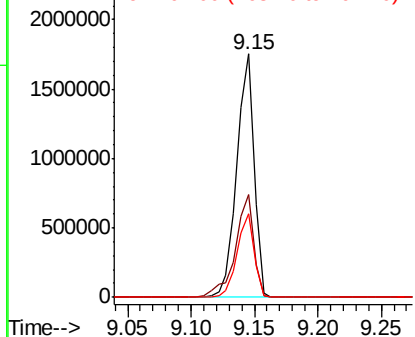
#47
 2-Chloronaphthalene
 Concen: 43.155 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.01 min
 Lab File: BF114949.D
 Acq: 11 Jun 2019 17:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1639767
 Ion Ratio Lower Upper
 162 100
 127 42.2 34.6 51.8
 164 34.5 27.5 41.3

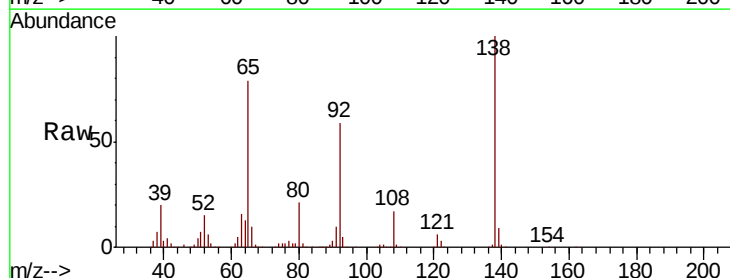


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

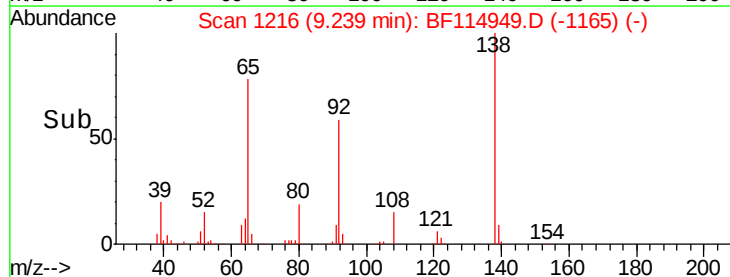
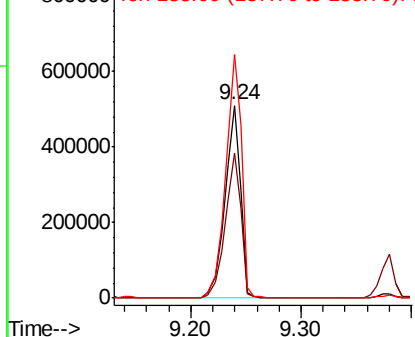


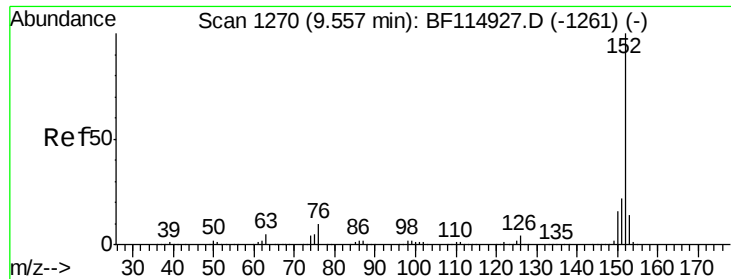
#48
 2-Nitroaniline
 Concen: 43.400 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF114949.D
 Acq: 11 Jun 2019 17:58

Tgt Ion: 65 Resp: 501971
 Ion Ratio Lower Upper
 65 100
 92 75.1 61.9 92.9
 138 126.2 108.6 162.8



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: 42.840 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.00 min

Lab File: BF114949.D

Acq: 11 Jun 2019 17:58

Instrument :

BNA_F

ClientSampleId :

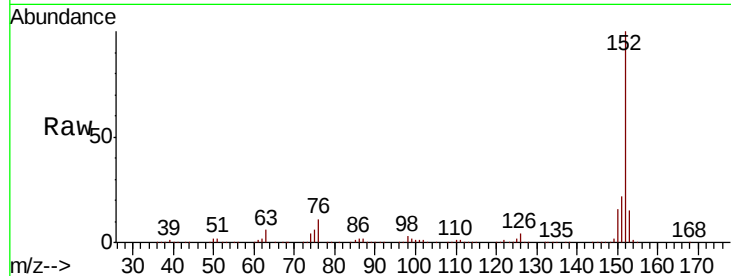
Tot Ion:152 Resp: 2398752

Ion Ratio Lower Upper

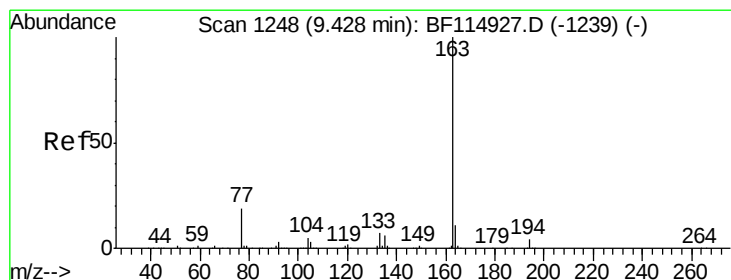
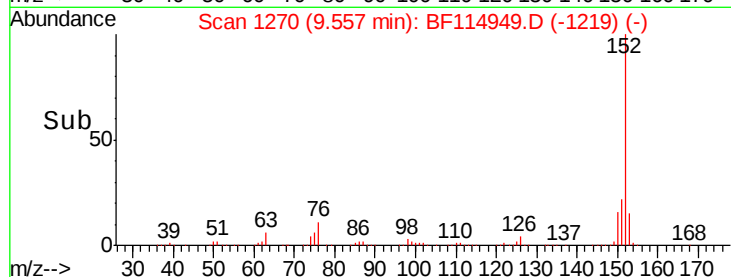
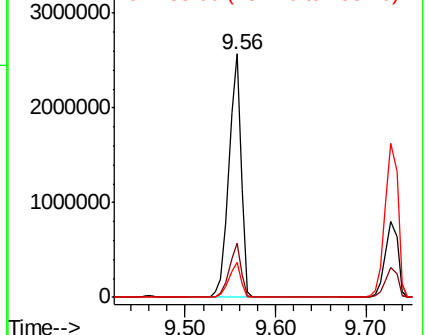
152 100

151 22.2 17.6 26.4

153 14.5 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: 42.562 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.00 min

Lab File: BF114949.D

Acq: 11 Jun 2019 17:58

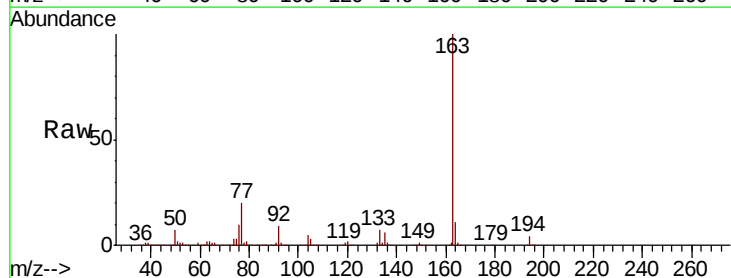
Tgt Ion:163 Resp: 1924659

Ion Ratio Lower Upper

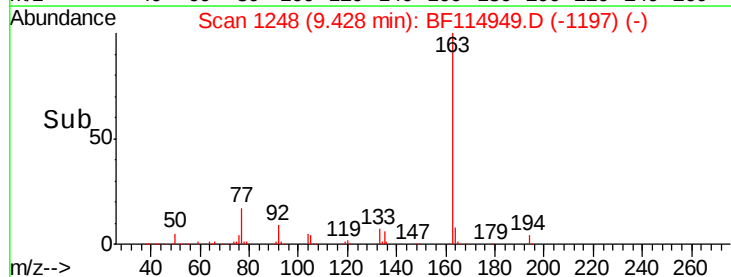
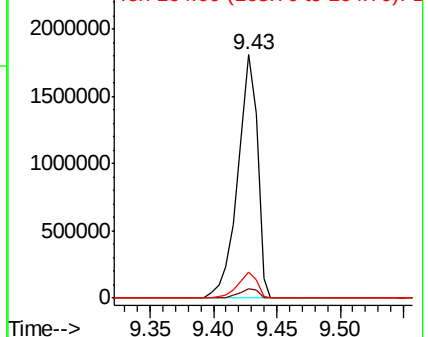
163 100

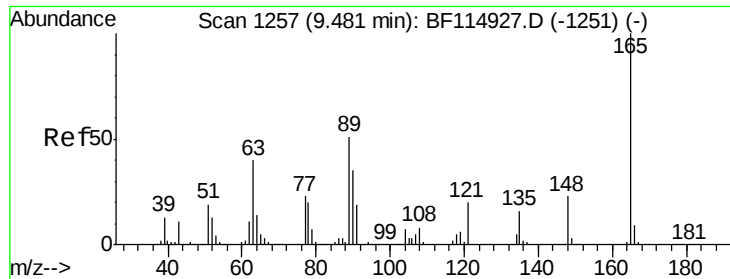
194 4.0 3.4 5.0

164 10.8 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

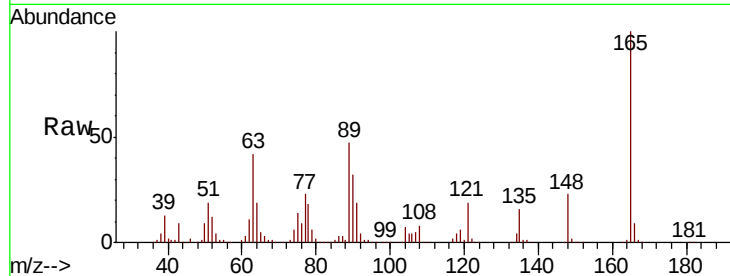




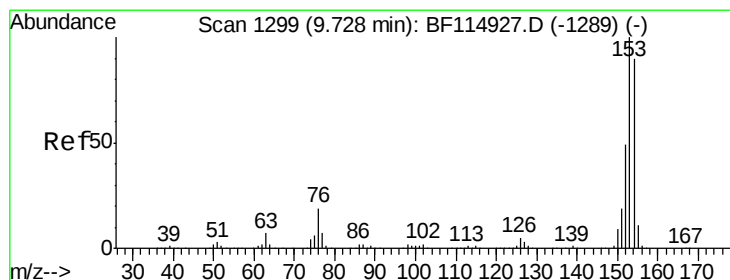
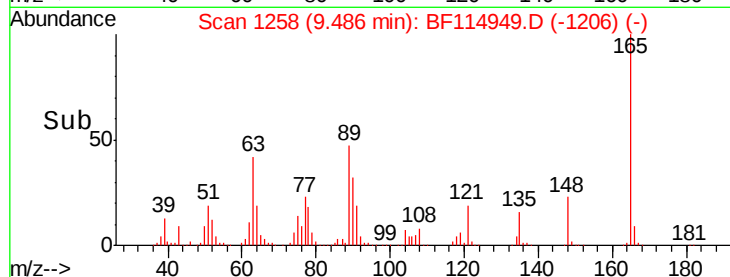
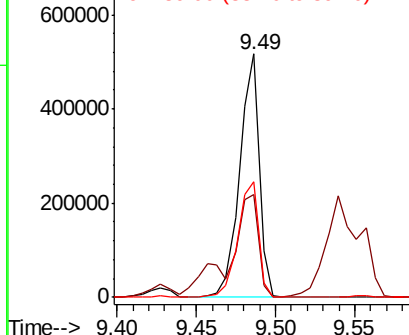
#51
2,6-Dinitrotoluene
Concen: 42.604 ng
RT: 9.49 min Scan# 1258
Delta R.T. 0.01 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.3	38.3	57.5
89	47.4	40.8	61.2

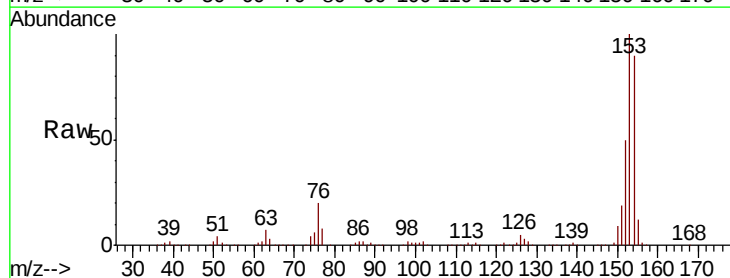


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

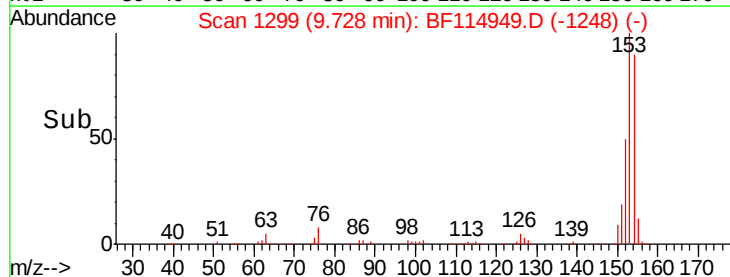
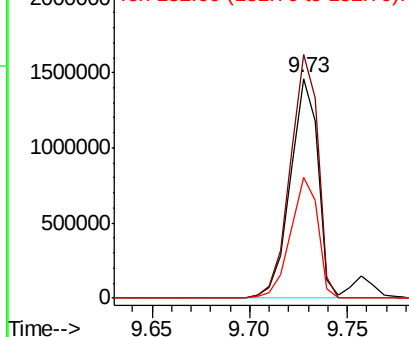


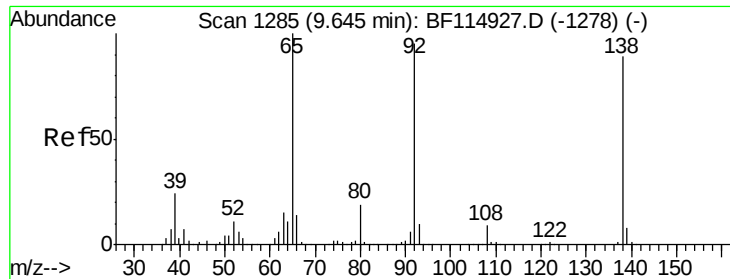
#52
Acenaphthene
Concen: 42.127 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.7	89.1	133.7
152	54.9	43.8	65.6



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

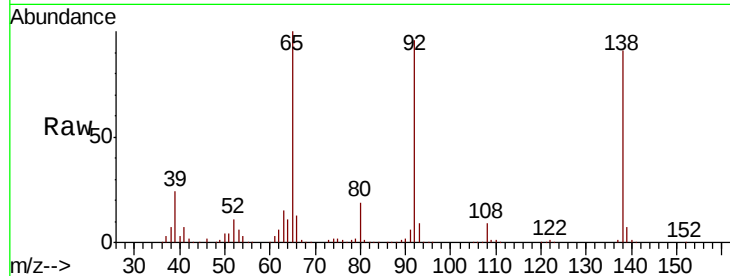




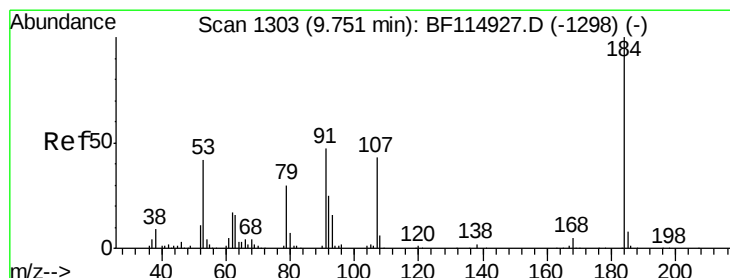
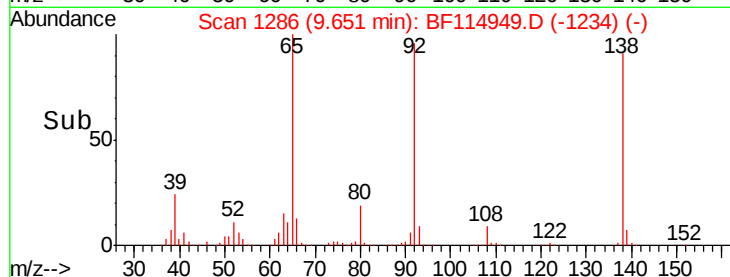
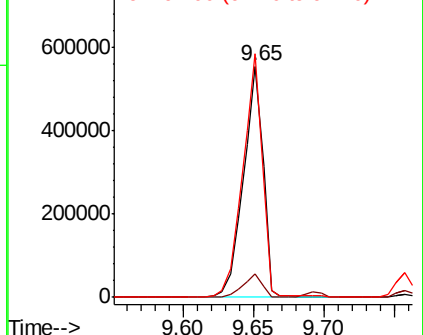
#53
3-Nitroaniline
Concen: 43.264 ng
RT: 9.65 min Scan# 1286
Delta R.T. 0.01 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 539592
Ion Ratio Lower Upper
138 100
108 10.2 7.9 11.9
92 105.4 85.0 127.6

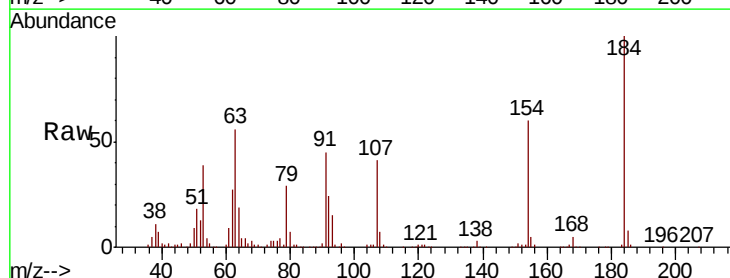


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

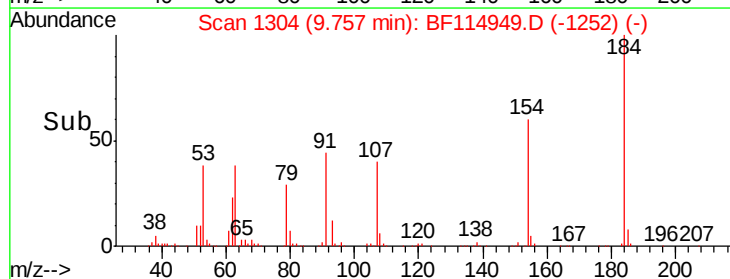
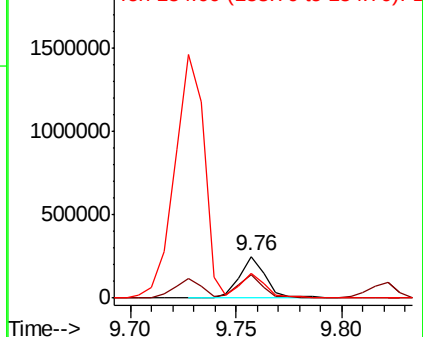


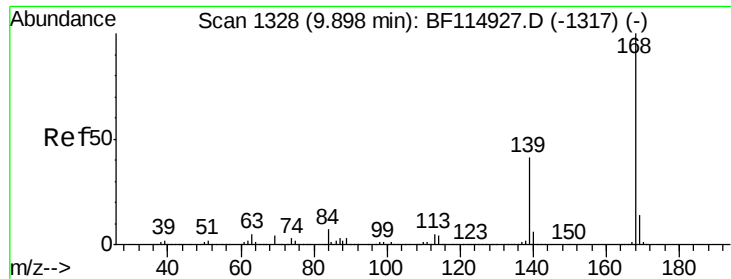
#54
2,4-Dinitrophenol
Concen: 41.787 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.01 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Tgt Ion:184 Resp: 214806
Ion Ratio Lower Upper
184 100
63 56.0 47.4 71.0
154 60.2 48.6 73.0



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

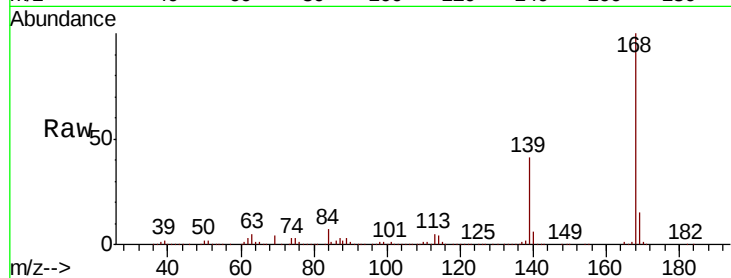




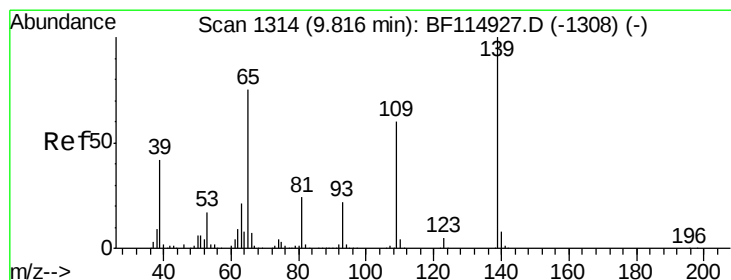
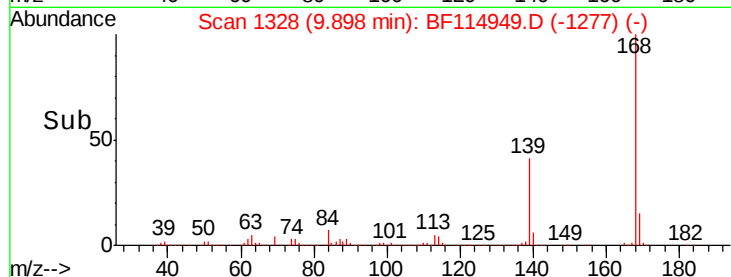
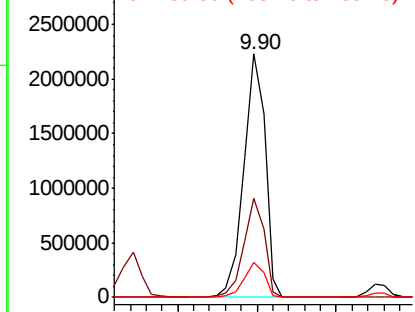
#55
Dibenzofuran
Concen: 42.941 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 2079381
Ion Ratio Lower Upper
168 100
139 40.8 33.0 49.4
169 14.5 11.6 17.4

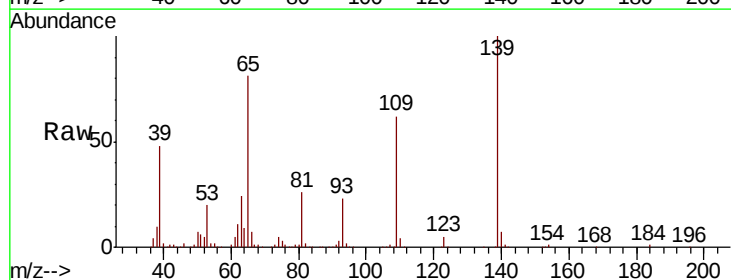


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

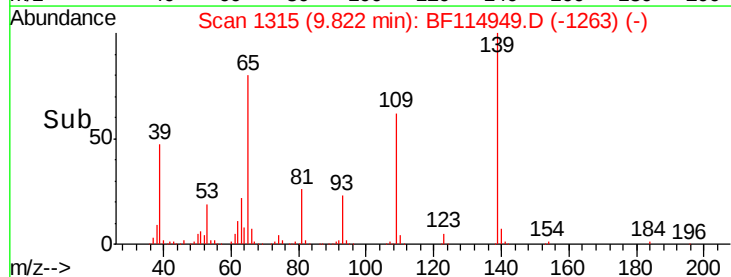
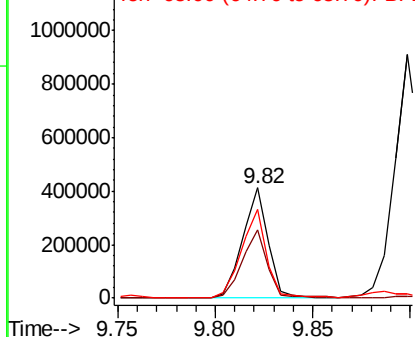


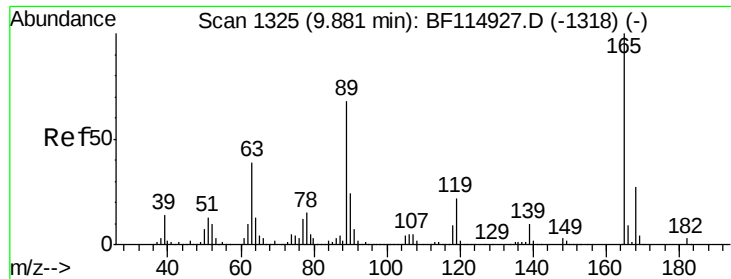
#56
4-Nitrophenol
Concen: 42.142 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Tgt Ion:139 Resp: 374591
Ion Ratio Lower Upper
139 100
109 62.4 40.0 80.0
65 80.6 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

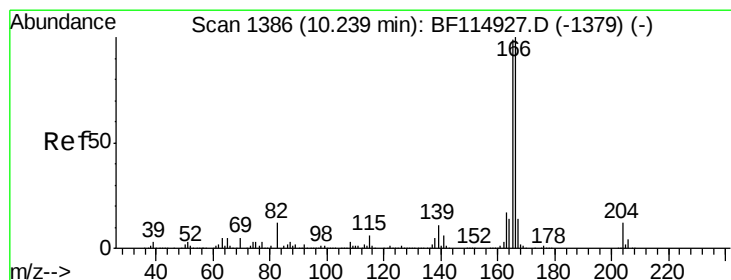
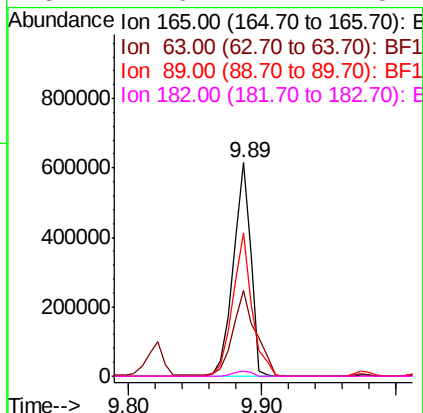
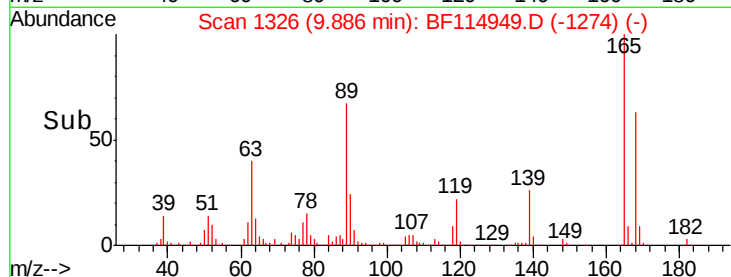
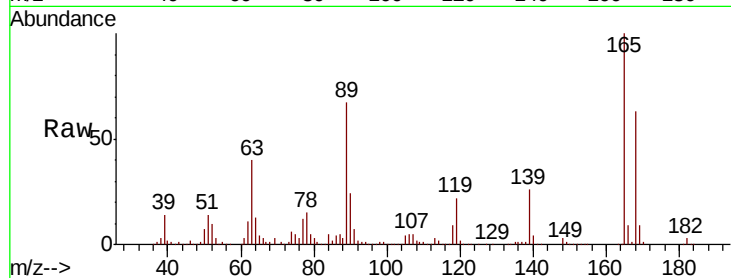




#57
2,4-Dinitrotoluene
Concen: 43.506 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

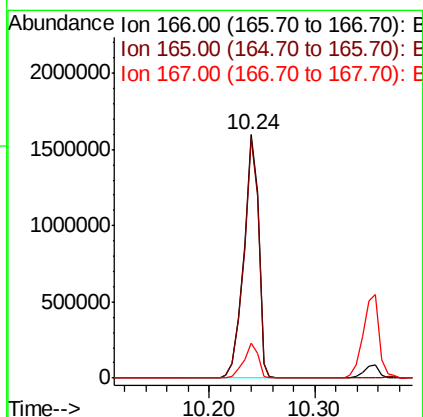
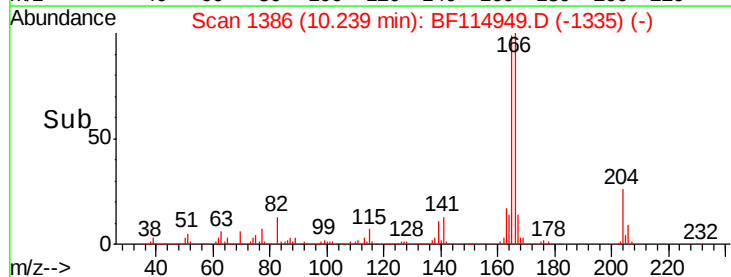
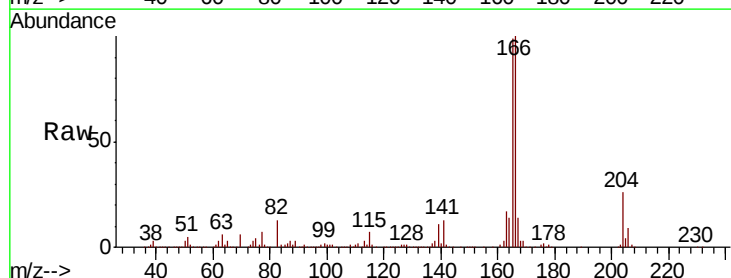
Instrument :
BNA_F
ClientSampled :

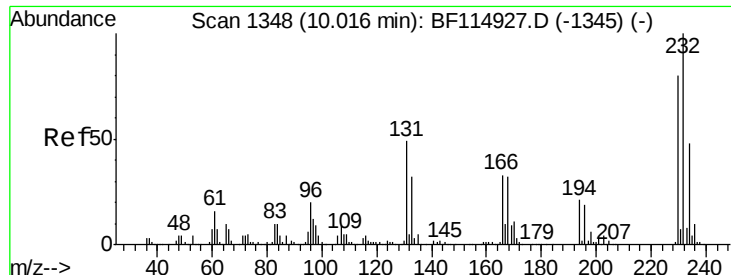
Tot Ion:165 Resp: 571161
Ion Ratio Lower Upper
165 100
63 40.2 31.8 47.6
89 67.4 54.2 81.2
182 2.6 2.1 3.1



#58
Fluorene
Concen: 40.799 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.00 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Tgt Ion:166 Resp: 1522926
Ion Ratio Lower Upper
166 100
165 98.7 79.2 118.8
167 14.2 11.0 16.6

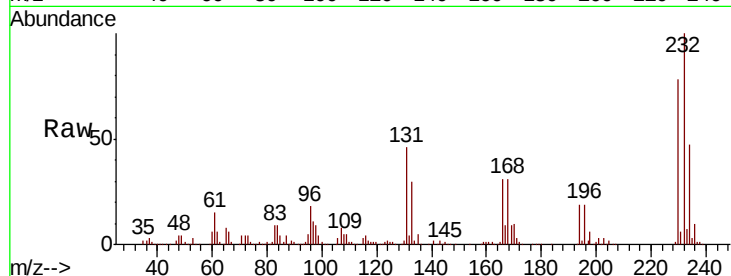




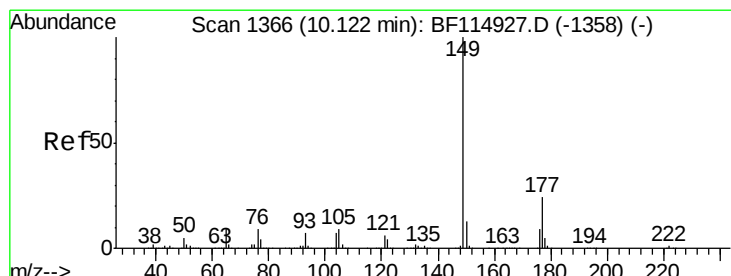
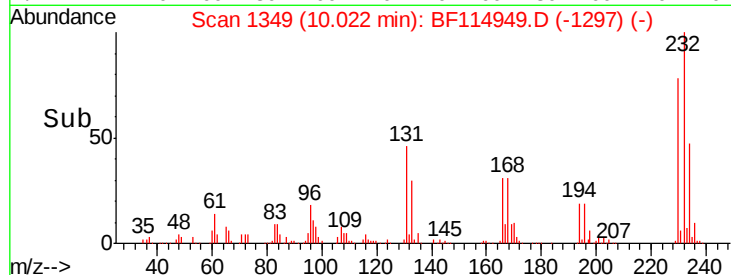
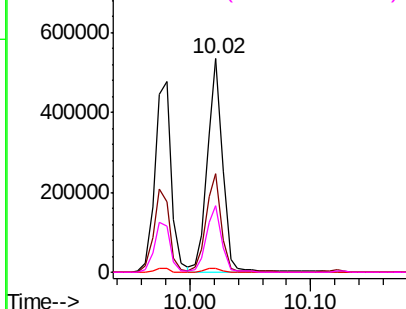
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.444 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 464723
Ion Ratio Lower Upper
232 100
131 45.9 37.0 55.4
130 2.2 1.8 2.6
166 31.0 25.0 37.6

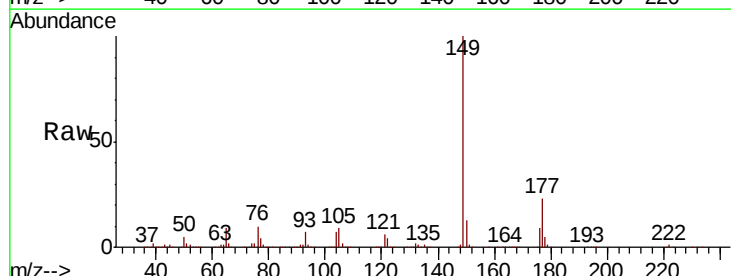


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

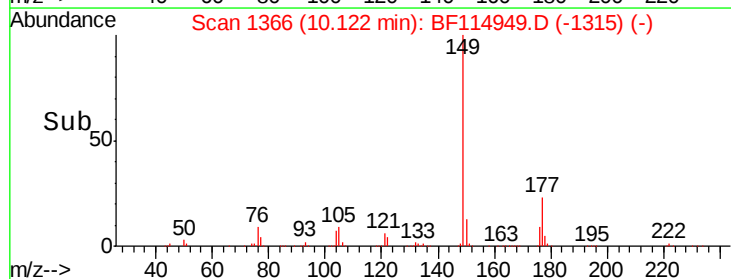
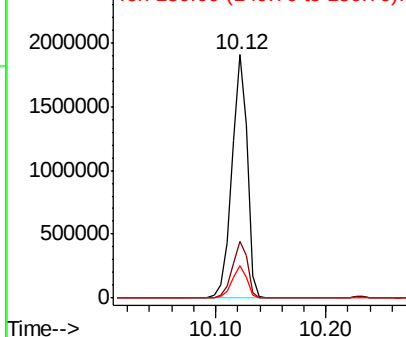


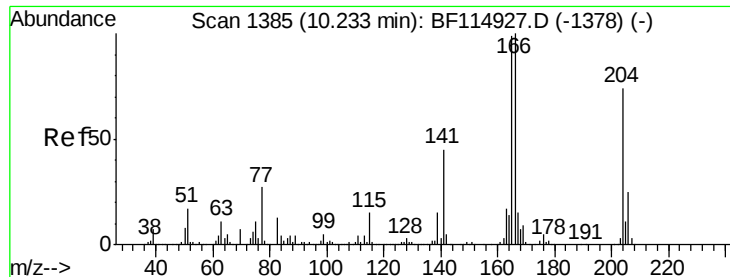
#60
Diethylphthalate
Concen: 42.257 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Tgt Ion:149 Resp: 1857209
Ion Ratio Lower Upper
149 100
177 23.1 19.1 28.7
150 13.5 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

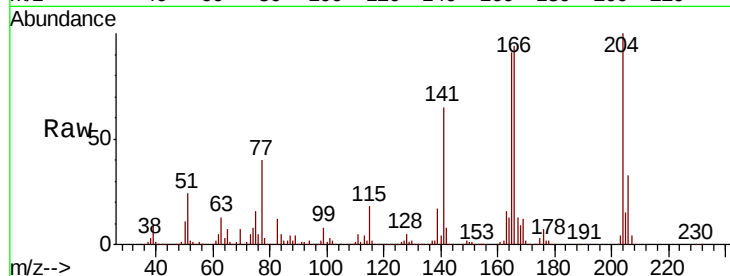




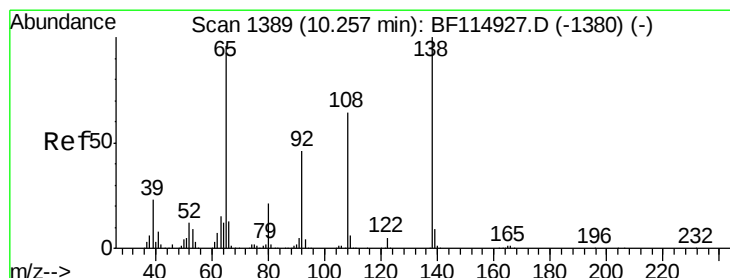
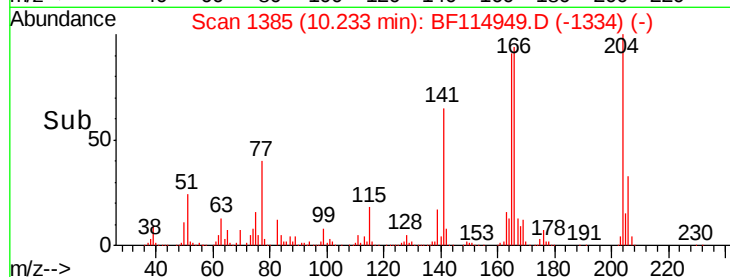
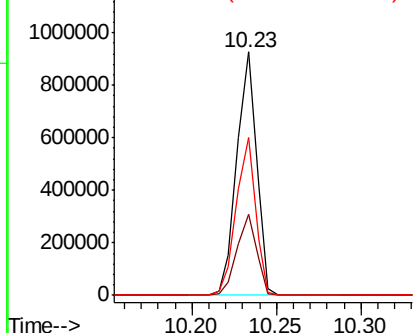
#61
4-Chlorophenyl-phenylether
Concen: 40.442 ng
RT: 10.23 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 755745
Ion Ratio Lower Upper
204 100
206 33.4 26.8 40.2
141 64.8 48.5 72.7

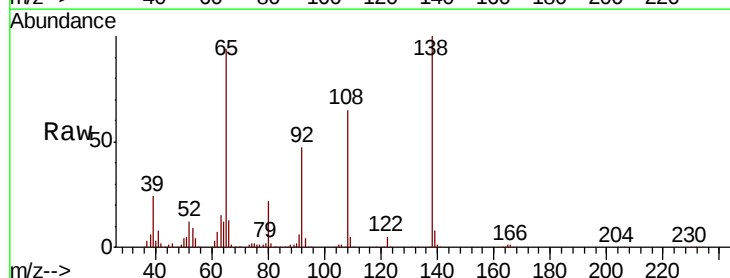


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

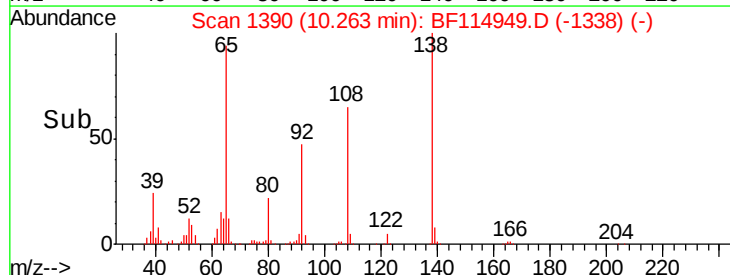
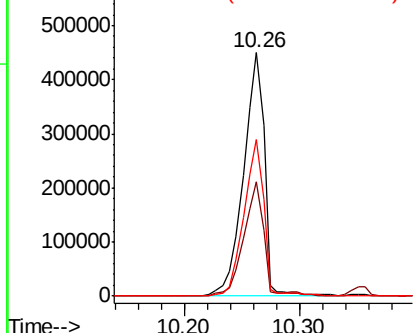


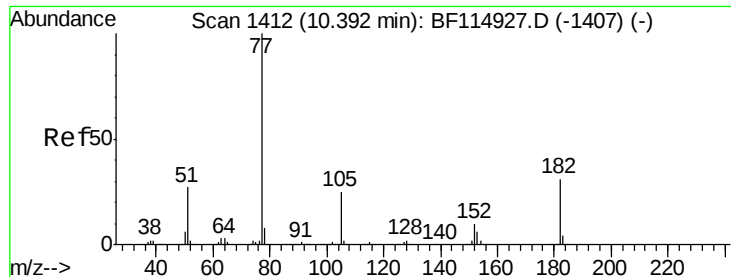
#62
4-Nitroaniline
Concen: 43.854 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Tgt Ion:138 Resp: 560527
Ion Ratio Lower Upper
138 100
92 46.8 26.0 66.0
108 64.6 44.0 84.0



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

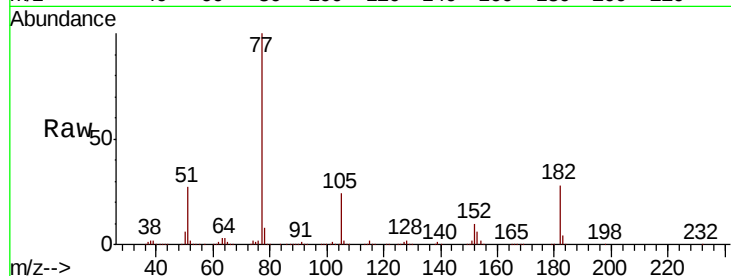




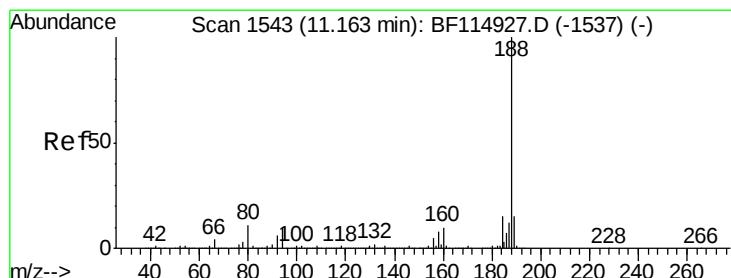
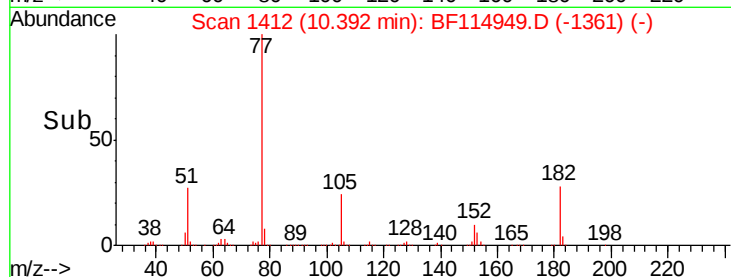
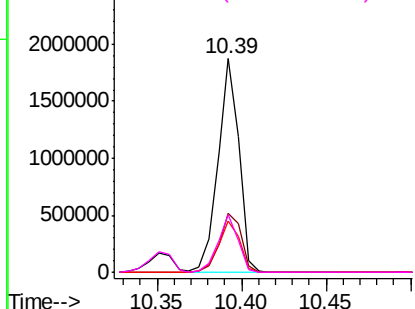
#63
Azobenzene
Concen: 42.155 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1612596
Ion Ratio Lower Upper
77 100
182 27.7 10.8 50.8
105 24.2 5.3 45.3
51 26.8 6.8 46.8

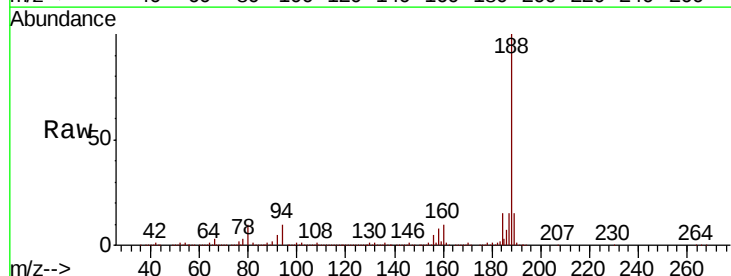


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

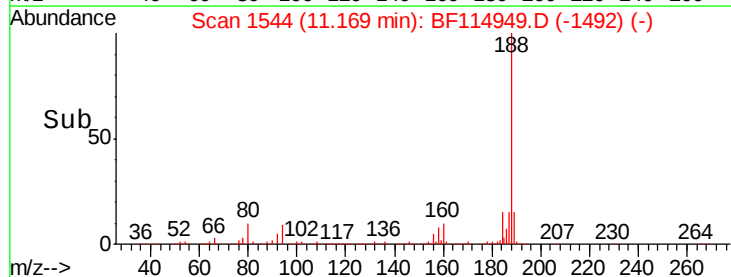
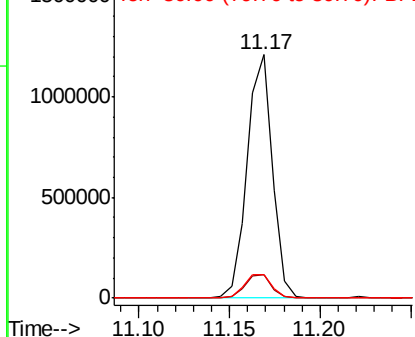


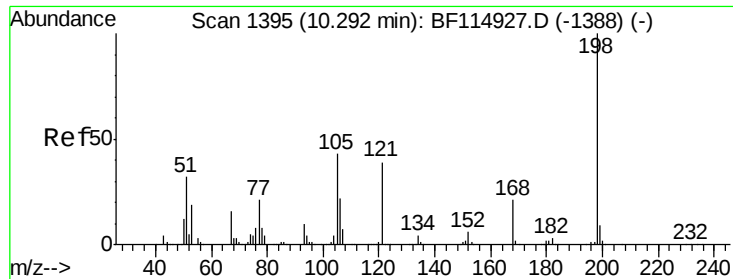
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1544
Delta R.T. 0.01 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Tgt Ion: 188 Resp: 1164837
Ion Ratio Lower Upper
188 100
94 9.7 8.1 12.1
80 9.8 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

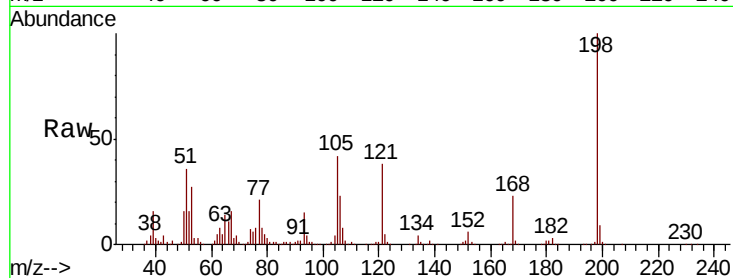




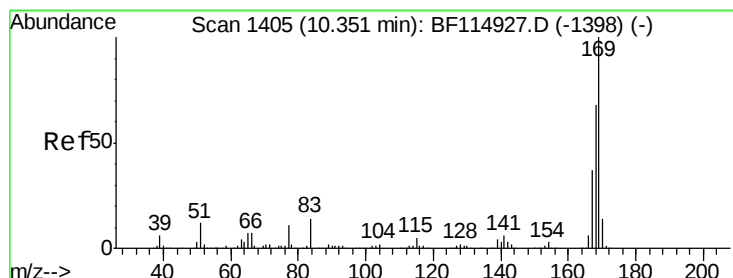
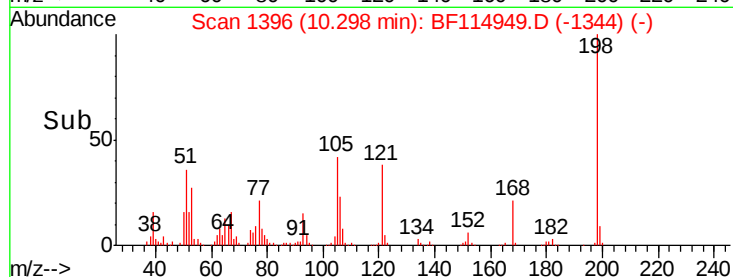
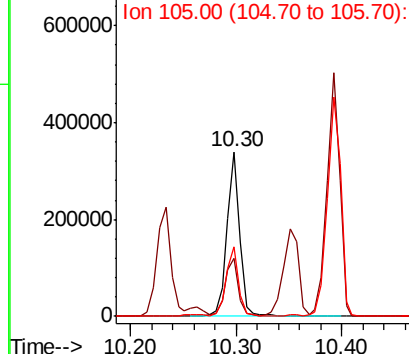
#65
4,6-Dinitro-2-methylphenol
Concen: 43.844 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.01 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 286407
Ion Ratio Lower Upper
198 100
51 35.5 16.8 56.8
105 42.4 23.5 63.5

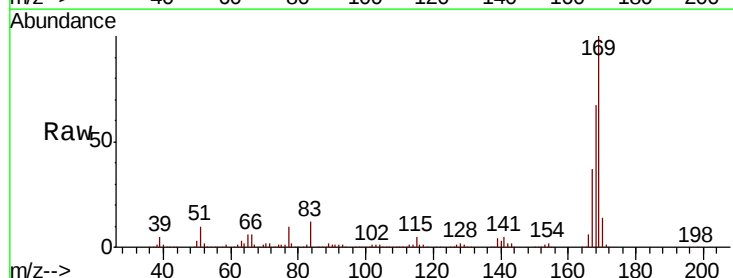


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

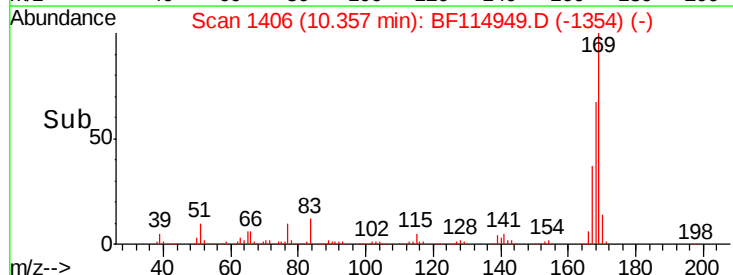
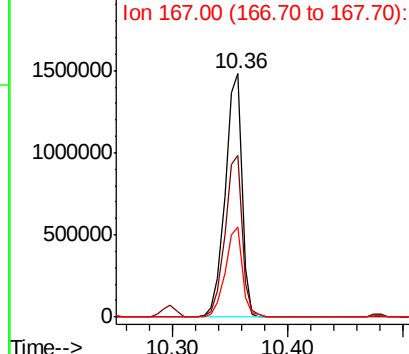


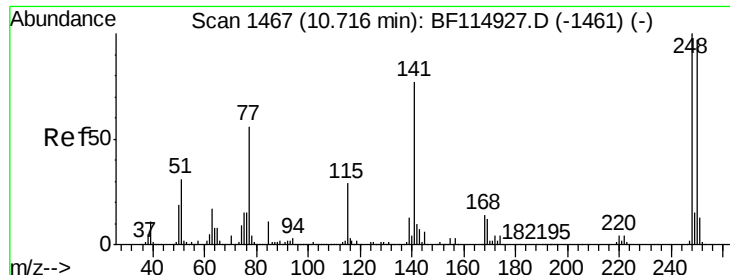
#66
n-Nitrosodiphenylamine
Concen: 42.996 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.01 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Tgt Ion:169 Resp: 1487954
Ion Ratio Lower Upper
169 100
168 66.6 54.2 81.2
167 37.0 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

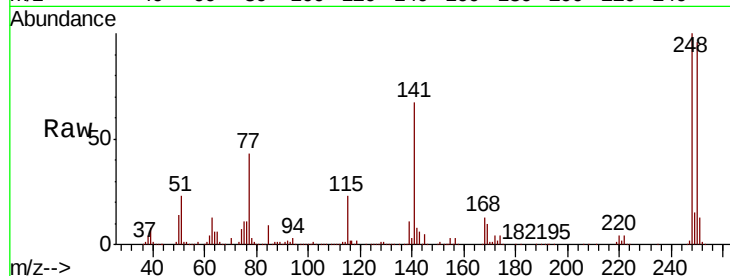




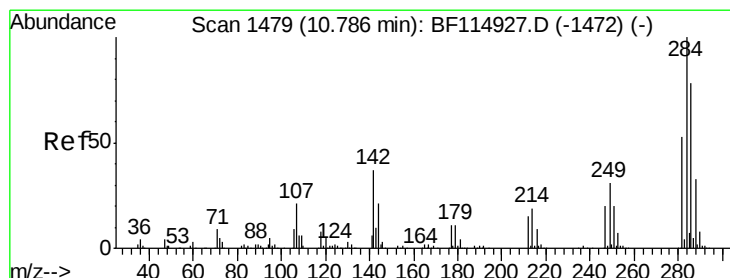
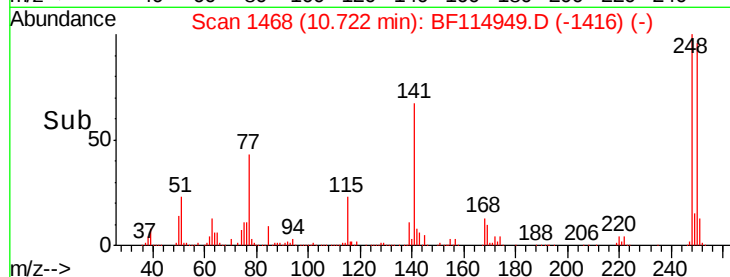
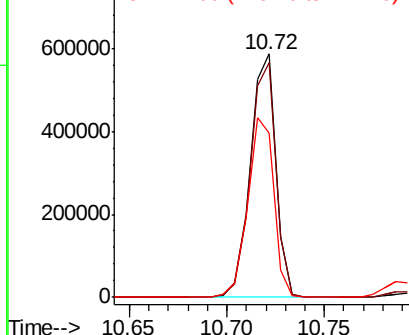
#67
4-Bromophenyl-phenylether
Concen: 42.233 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.01 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 532867
Ion Ratio Lower Upper
248 100
250 96.4 77.4 116.0
141 67.3 61.8 92.6

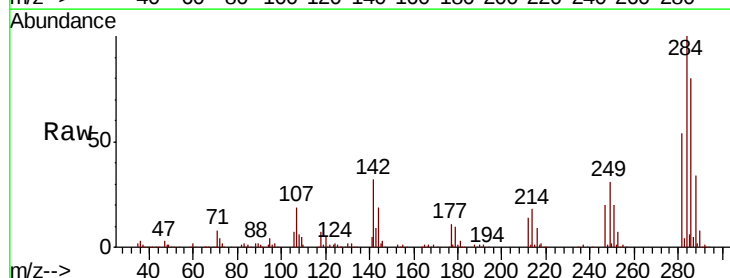


Abundance Ion 248.00 (247.70 to 248.70): E
800000
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

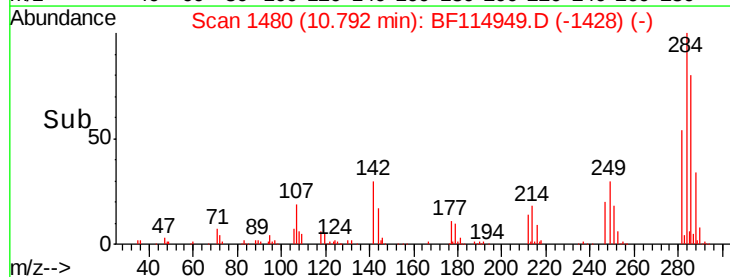
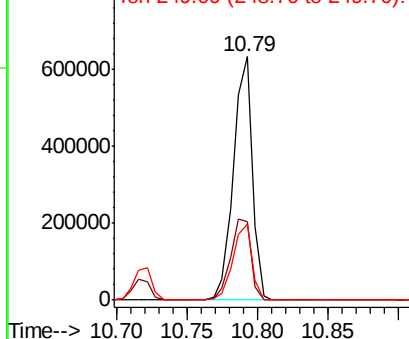


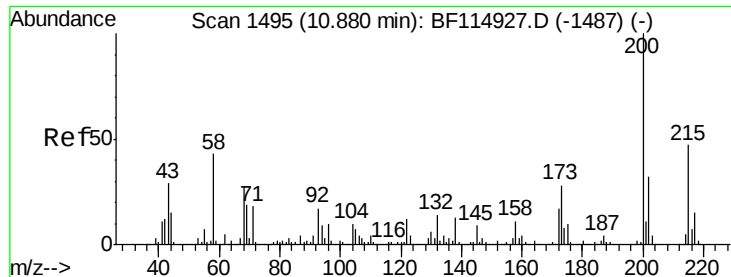
#68
Hexachlorobenzene
Concen: 42.292 ng
RT: 10.79 min Scan# 1480
Delta R.T. 0.01 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Tgt Ion:284 Resp: 589257
Ion Ratio Lower Upper
284 100
142 32.0 29.3 43.9
249 31.1 25.1 37.7



Abundance Ion 283.80 (283.50 to 284.50): E
800000
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

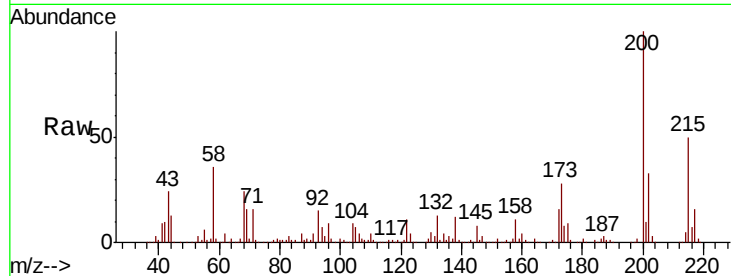




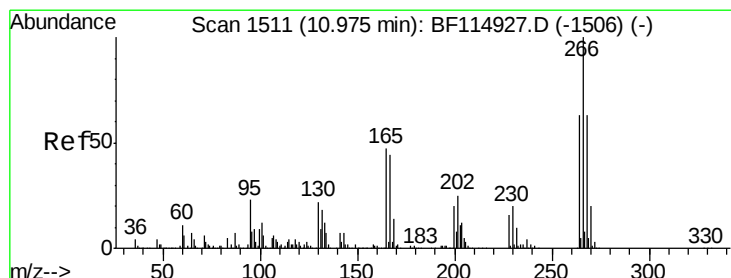
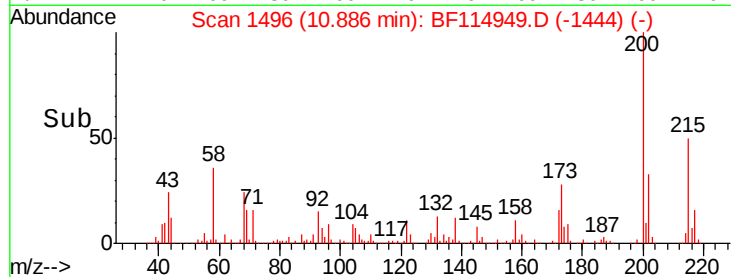
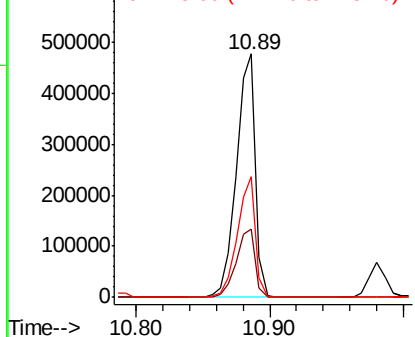
#69
Atrazine
Concen: 40.644 ng
RT: 10.89 min Scan# 1496
Delta R.T. 0.01 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.8	8.3	48.3
215	49.7	26.6	66.6

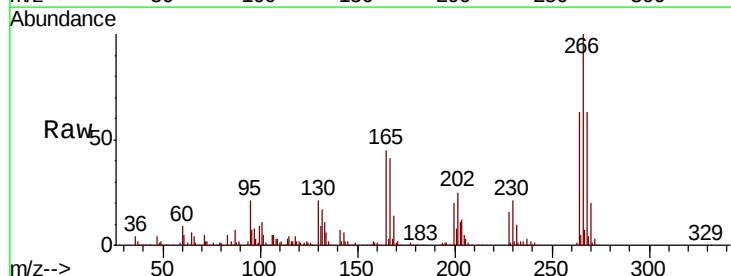


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

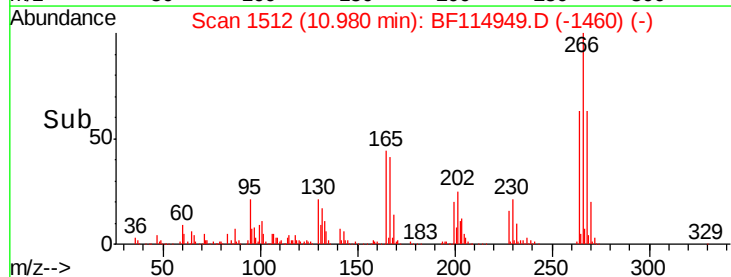
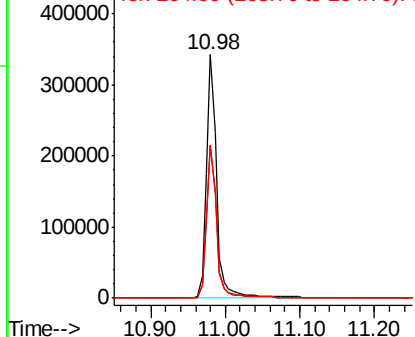


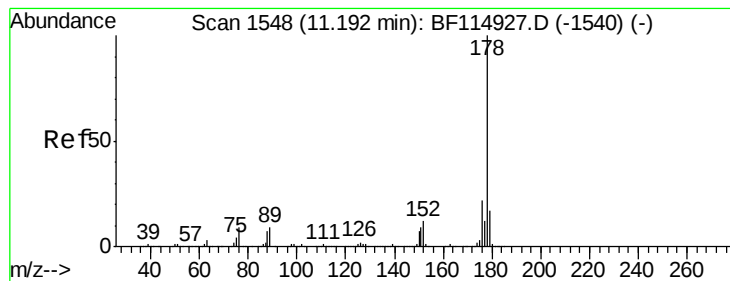
#70
Pentachlorophenol
Concen: 42.700 ng
RT: 10.98 min Scan# 1512
Delta R.T. 0.01 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.6	50.8	76.2
264	62.8	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

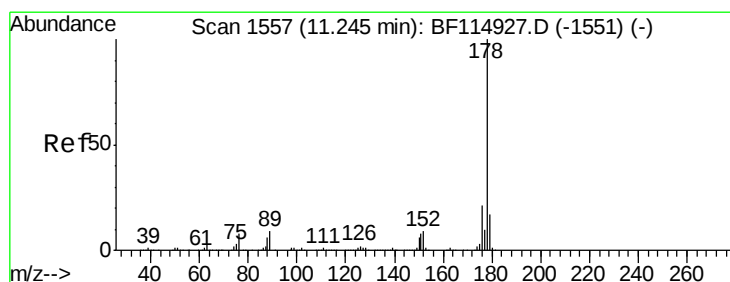
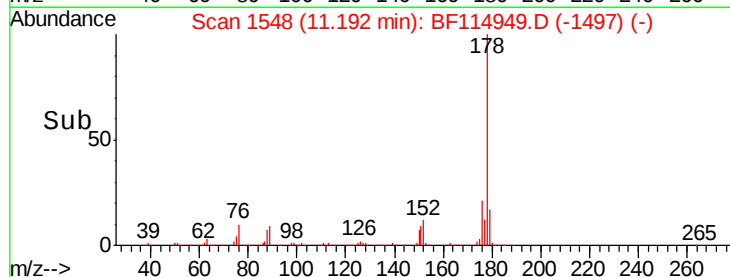
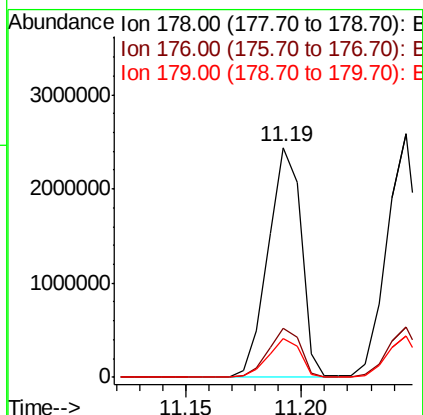
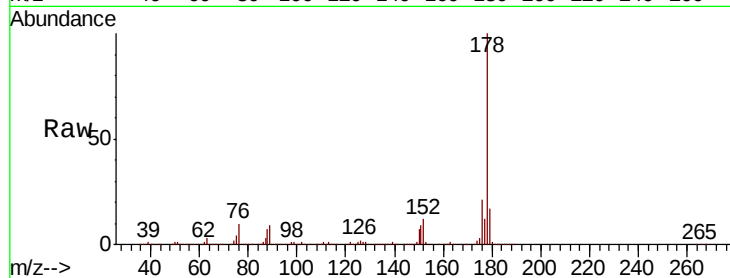




#71
Phenanthrene
Concen: 43.094 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.00 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

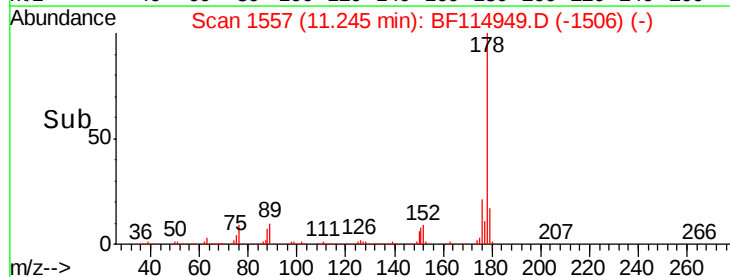
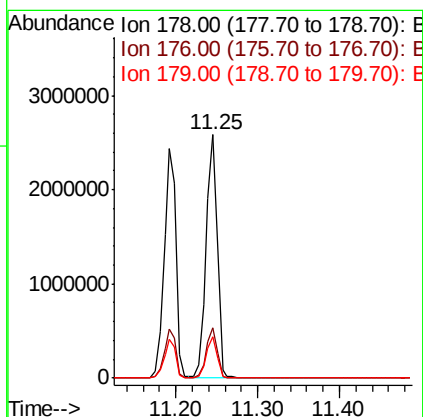
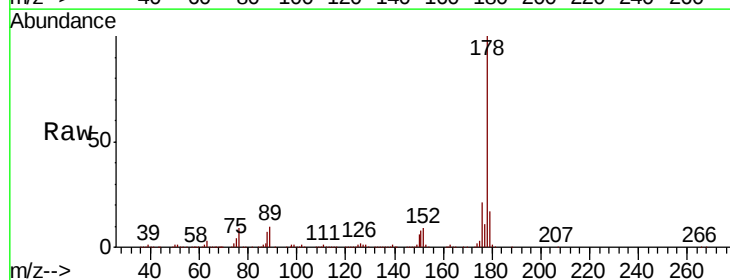
Instrument :
BNA_F
ClientSampleId :

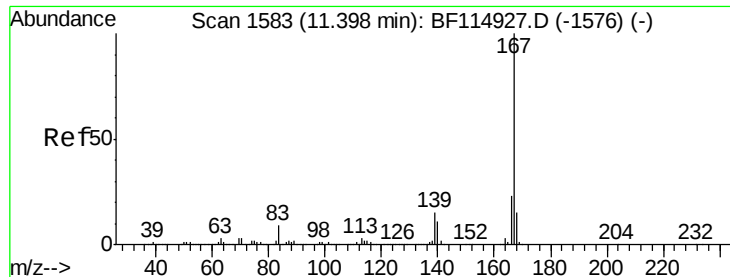
Tot Ion:178 Resp: 2435418
Ion Ratio Lower Upper
178 100
176 21.2 17.4 26.2
179 16.7 13.6 20.4



#72
Anthracene
Concen: 42.658 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.00 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Tgt Ion:178 Resp: 2446944
Ion Ratio Lower Upper
178 100
176 20.8 16.6 25.0
179 16.8 13.4 20.2

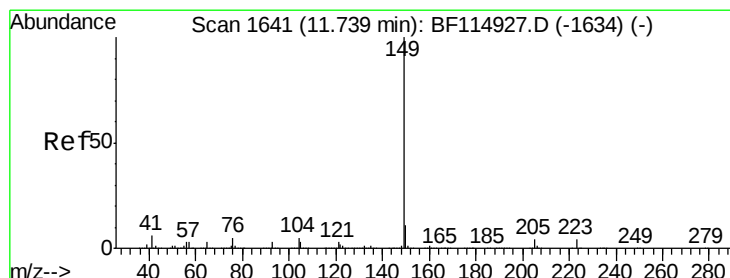
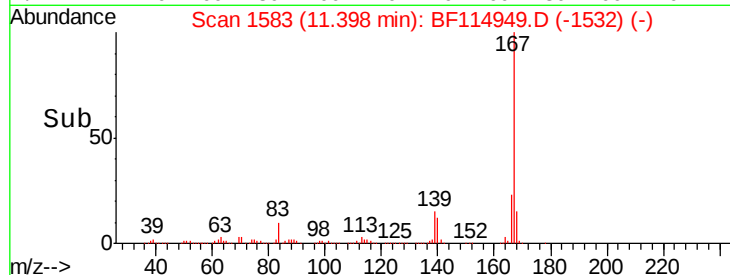
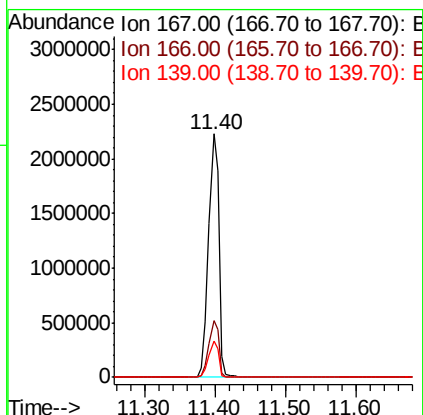
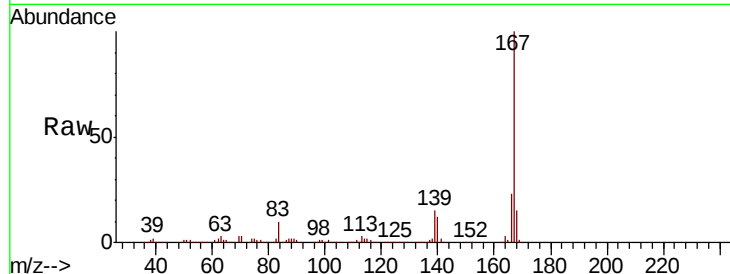




#73
 Carbazole
 Concen: 43.652 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: BF114949.D
 Acq: 11 Jun 2019 17:58

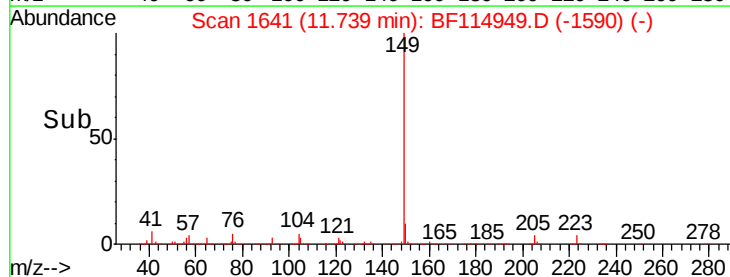
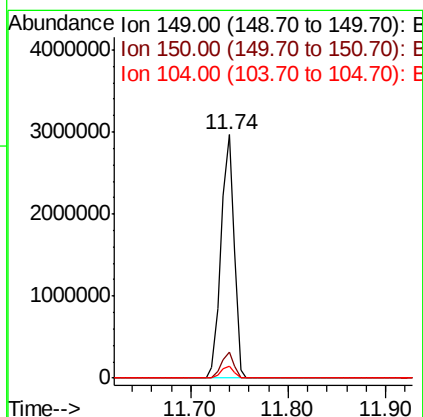
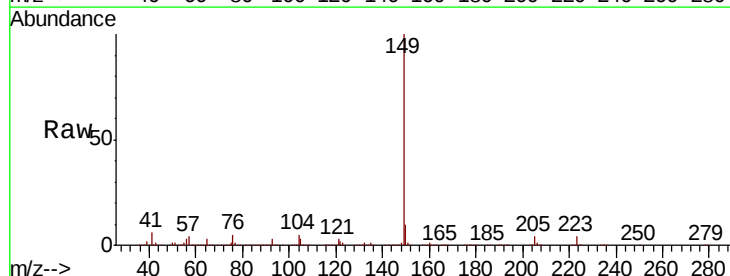
Instrument :
 BNA_F
 ClientSampleId :

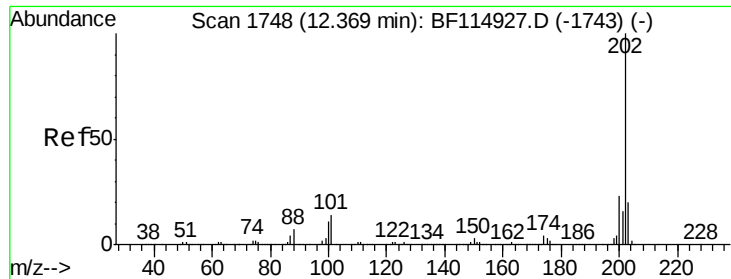
Tot Ion:167 Resp: 2279690
 Ion Ratio Lower Upper
 167 100
 166 23.3 18.8 28.2
 139 15.0 11.6 17.4



#74
 Di-n-butylphthalate
 Concen: 42.938 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. -0.00 min
 Lab File: BF114949.D
 Acq: 11 Jun 2019 17:58

Tgt Ion:149 Resp: 2771336
 Ion Ratio Lower Upper
 149 100
 150 10.5 8.5 12.7
 104 5.1 4.1 6.1





#75

Fluoranthene

Concen: 42.775 ng

RT: 12.37 min Scan# 1749

Delta R.T. 0.01 min

Lab File: BF114949.D

Acq: 11 Jun 2019 17:58

Instrument :

BNA_F

ClientSampleId :

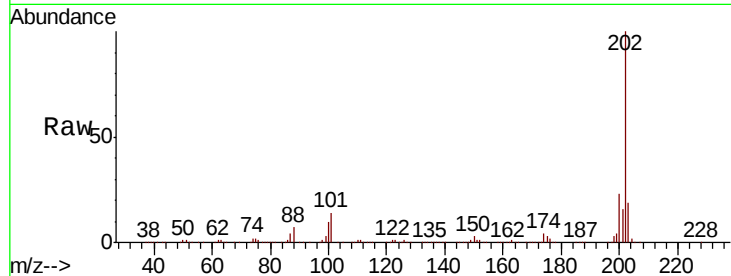
Tot Ion:202 Resp: 2500416

Ion Ratio Lower Upper

202 100

101 13.6 0.0 34.3

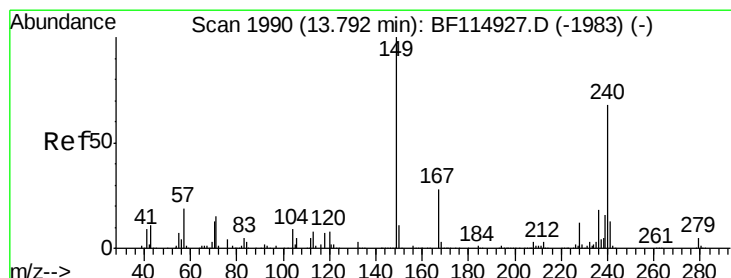
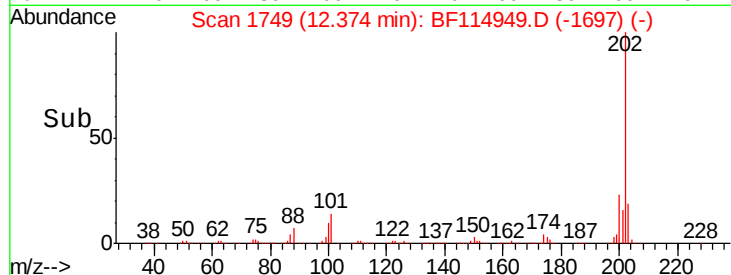
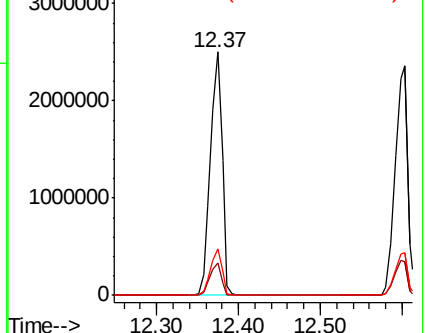
203 19.0 0.0 39.6



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: 13.80 min Scan# 1991

Delta R.T. 0.01 min

Lab File: BF114949.D

Acq: 11 Jun 2019 17:58

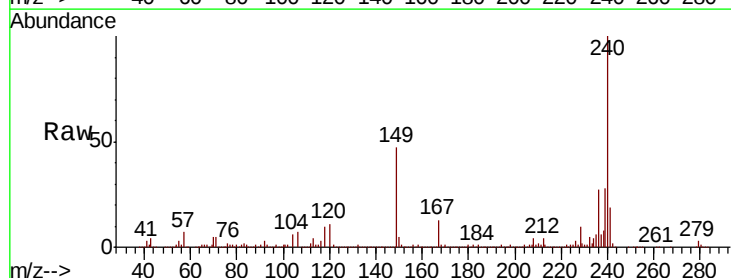
Tgt Ion:240 Resp: 704333

Ion Ratio Lower Upper

240 100

120 10.7 9.2 13.8

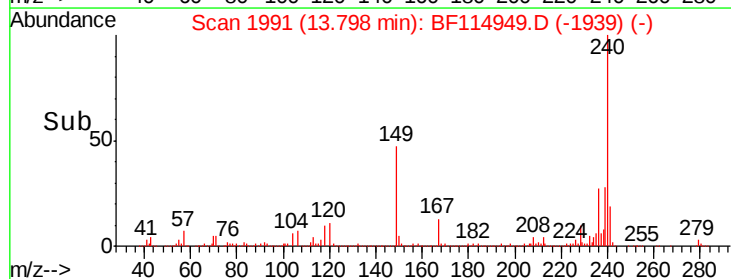
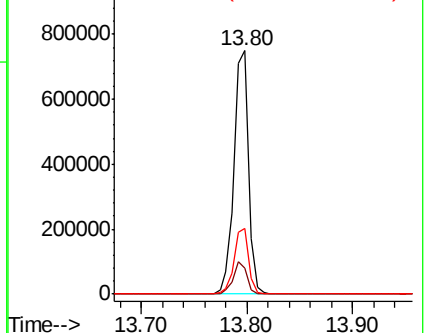
236 27.1 21.7 32.5

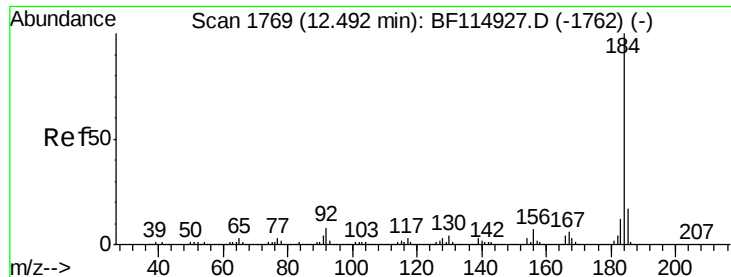


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.123 ng

RT: 12.49 min Scan# 1769

Delta R.T. -0.00 min

Lab File: BF114949.D

Acq: 11 Jun 2019 17:58

Instrument :

BNA_F

ClientSampleId :

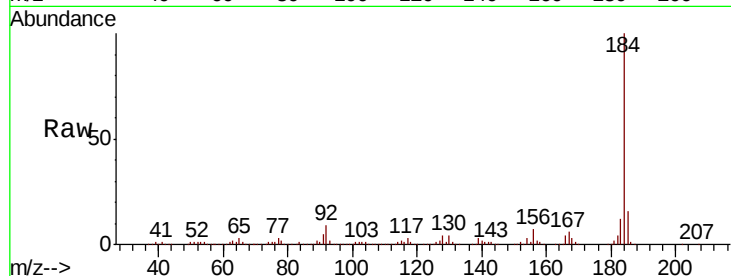
Tot Ion:184 Resp: 1205915

Ion	Ratio	Lower	Upper
184	100		
185	16.4	13.4	20.0
183	12.0	9.8	14.6

184 100

185 16.4 13.4 20.0

183 12.0 9.8 14.6

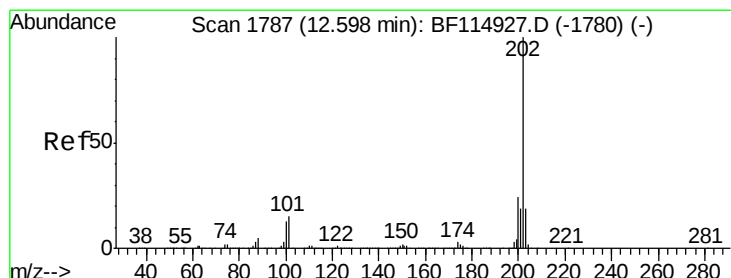
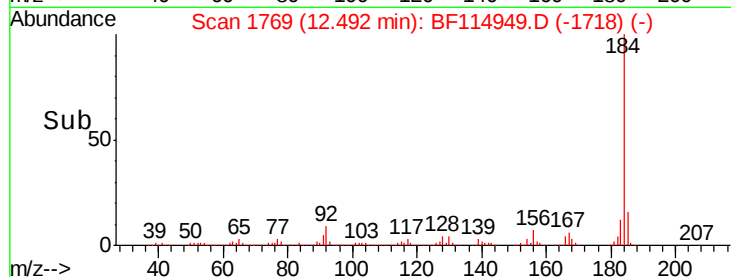
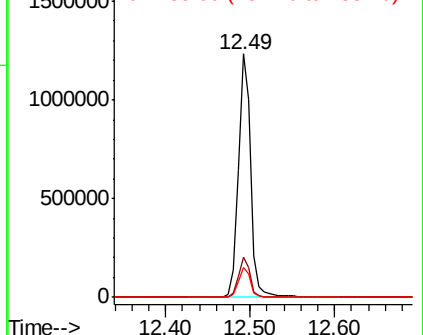


Abundance

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: 41.596 ng

RT: 12.60 min Scan# 1788

Delta R.T. 0.01 min

Lab File: BF114949.D

Acq: 11 Jun 2019 17:58

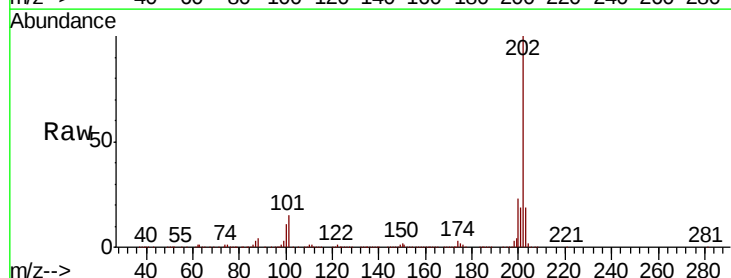
Tgt Ion:202 Resp: 2551556

Ion	Ratio	Lower	Upper
202	100		
200	23.1	18.9	28.3
203	18.6	15.2	22.8

202 100

200 23.1 18.9 28.3

203 18.6 15.2 22.8

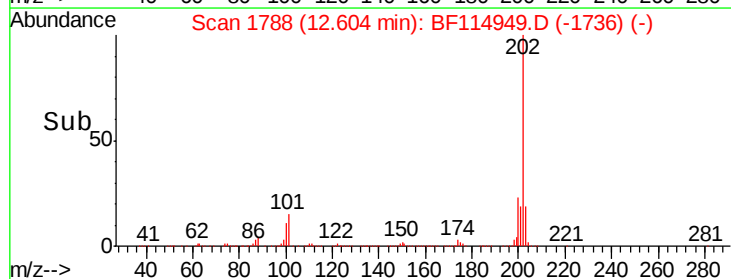
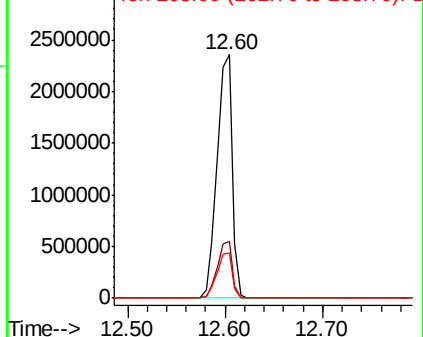


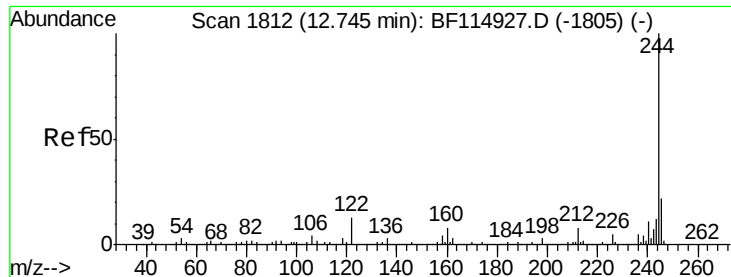
Abundance

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

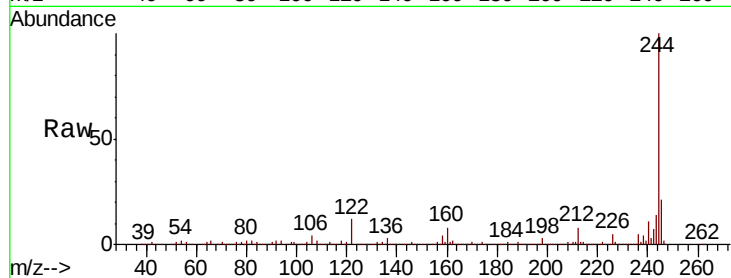




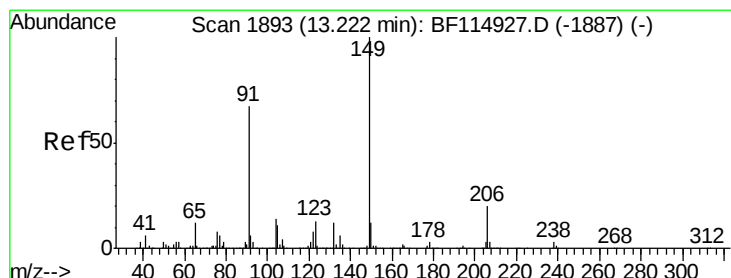
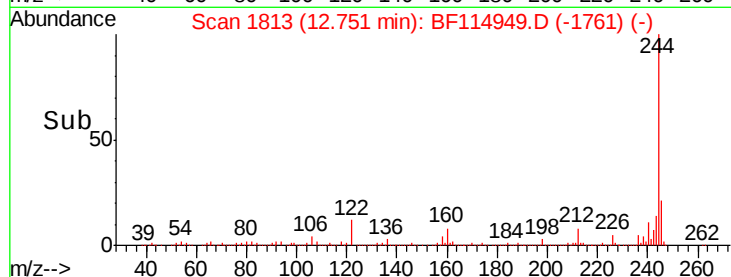
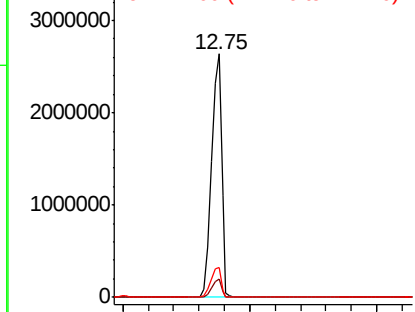
#79
 Terphenyl-d14
 Concen: 82.539 ng
 RT: 12.75 min Scan# 1813
 Delta R.T. 0.01 min
 Lab File: BF114949.D
 Acq: 11 Jun 2019 17:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 2923253
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 12.0 10.2 15.4

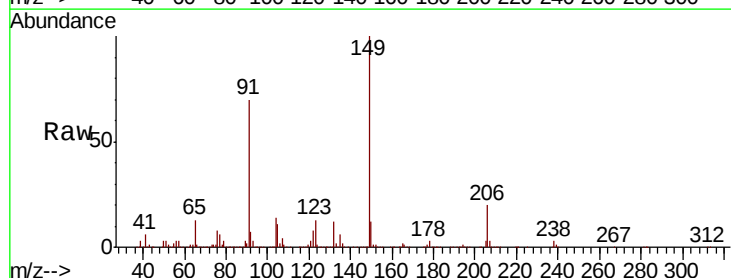


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

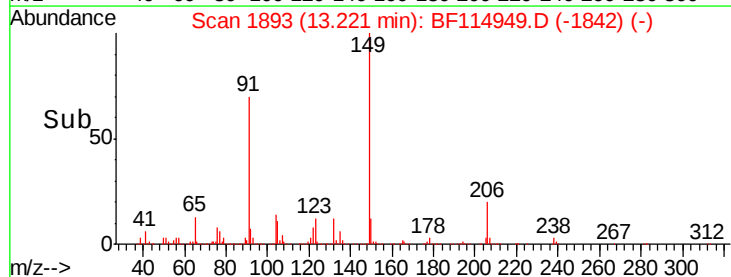
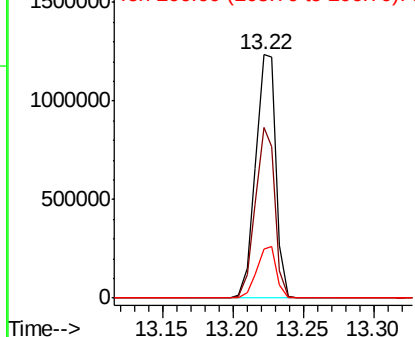


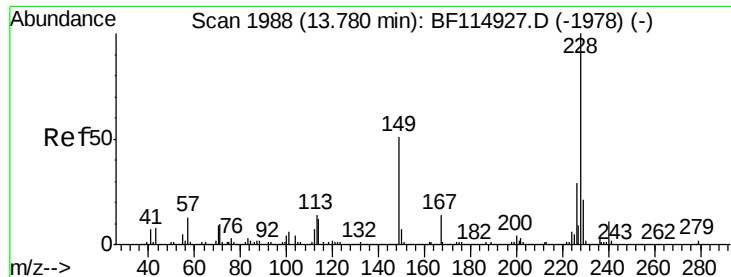
#80
 Butylbenzylphthalate
 Concen: 41.737 ng
 RT: 13.22 min Scan# 1893
 Delta R.T. -0.00 min
 Lab File: BF114949.D
 Acq: 11 Jun 2019 17:58

Tgt Ion:149 Resp: 1261312
 Ion Ratio Lower Upper
 149 100
 91 70.2 53.8 80.8
 206 20.0 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: 40.199 ng

RT: 13.78 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BF114949.D

Acq: 11 Jun 2019 17:58

Instrument :

BNA_F

ClientSampled :

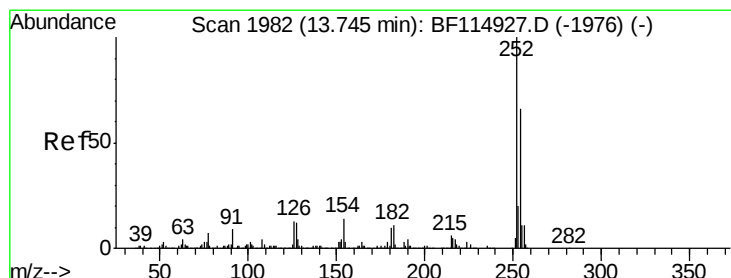
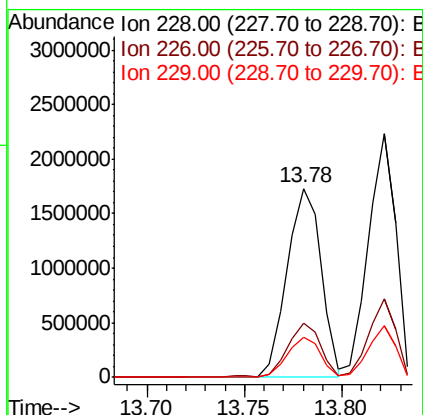
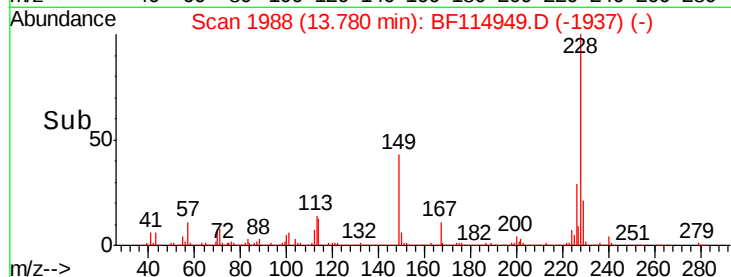
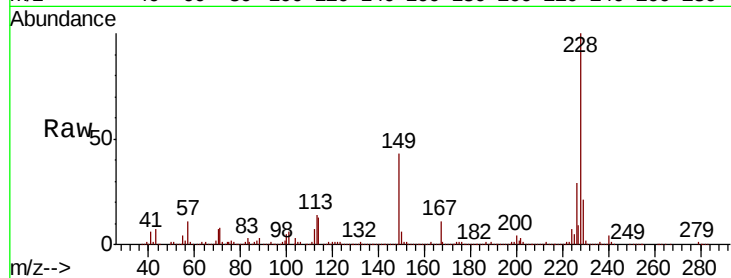
Tot Ion:228 Resp: 2093506

Ion Ratio Lower Upper

228 100

226 28.6 22.8 34.2

229 21.0 16.6 25.0



#82

3,3'-Dichlorobenzidine

Concen: 42.869 ng

RT: 13.75 min Scan# 1983

Delta R.T. 0.01 min

Lab File: BF114949.D

Acq: 11 Jun 2019 17:58

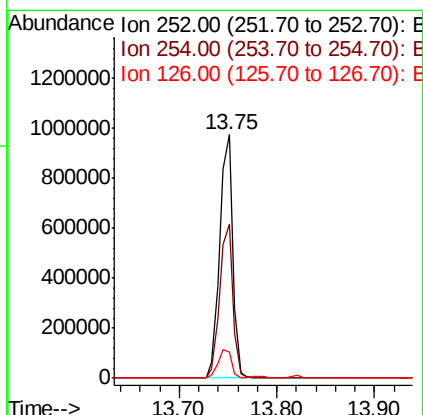
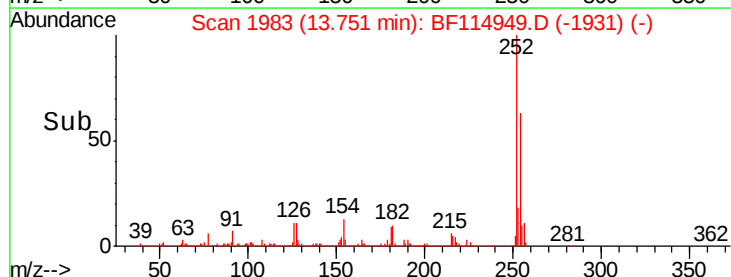
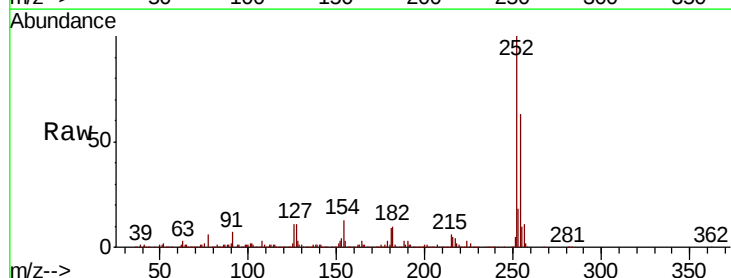
Tgt Ion:252 Resp: 911318

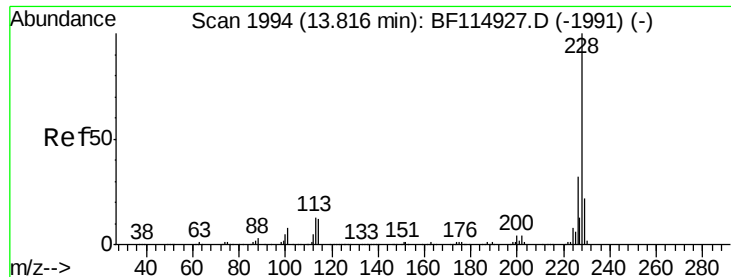
Ion Ratio Lower Upper

252 100

254 63.1 52.6 78.8

126 10.7 10.4 15.6





#83

Chrysene

Concen: 41.625 ng

RT: 13.82 min Scan# 1995

Delta R.T. 0.01 min

Lab File: BF114949.D

Acq: 11 Jun 2019 17:58

Instrument :

BNA_F

ClientSampleId :

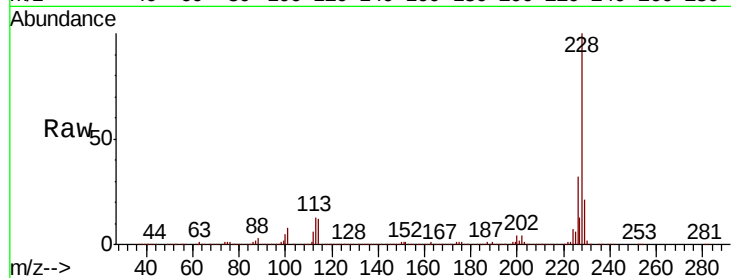
Tot Ion:228 Resp: 2176881

Ion Ratio Lower Upper

228 100

226 32.1 25.8 38.8

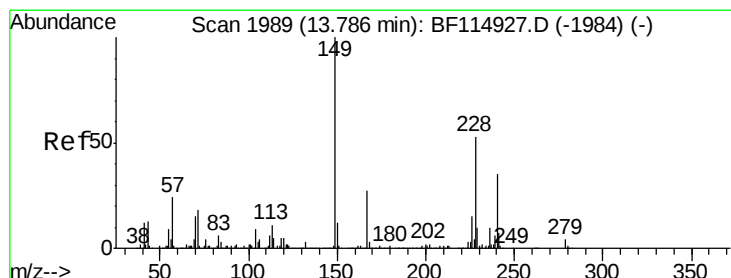
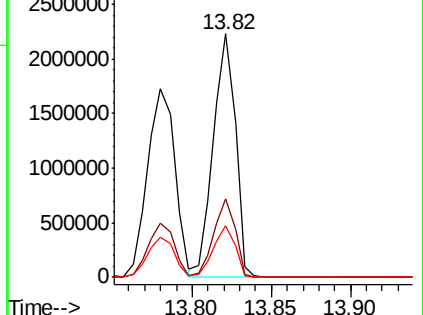
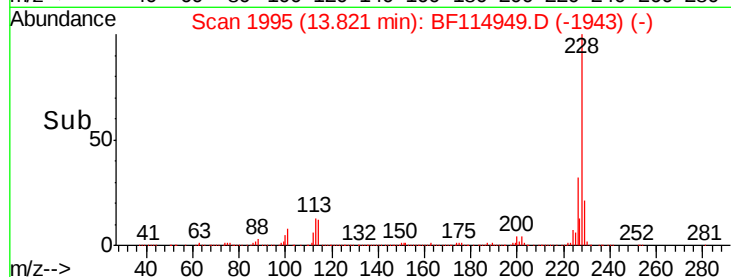
229 21.2 17.2 25.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.955 ng

RT: 13.79 min Scan# 1990

Delta R.T. 0.01 min

Lab File: BF114949.D

Acq: 11 Jun 2019 17:58

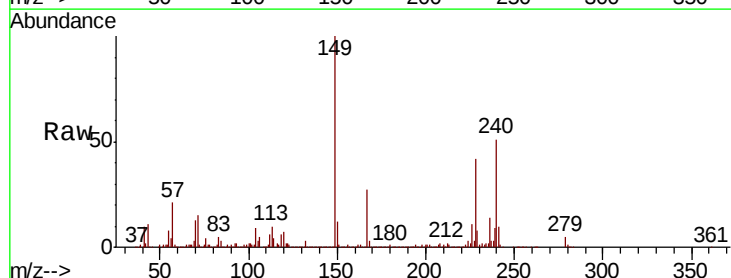
Tgt Ion:149 Resp: 1449487

Ion Ratio Lower Upper

149 100

167 27.5 21.9 32.9

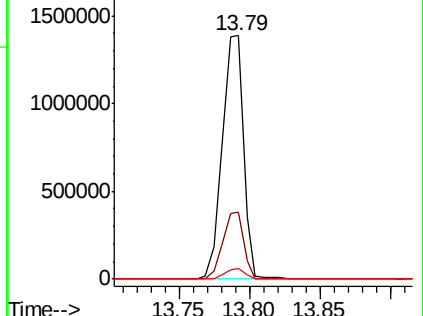
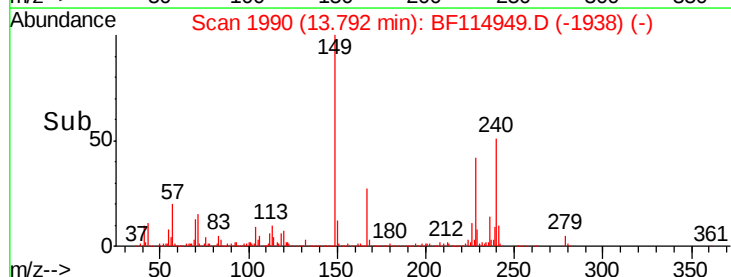
279 4.5 3.2 4.8

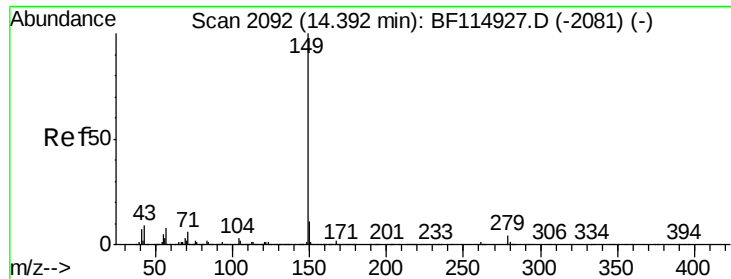


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.459 ng

RT: 14.40 min Scan# 2093

Delta R.T. 0.01 min

Lab File: BF114949.D

Acq: 11 Jun 2019 17:58

Instrument :

BNA_F

ClientSampleId :

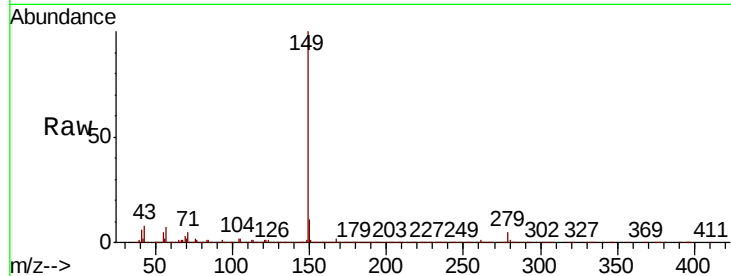
Tot Ion:149 Resp: 2680442

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

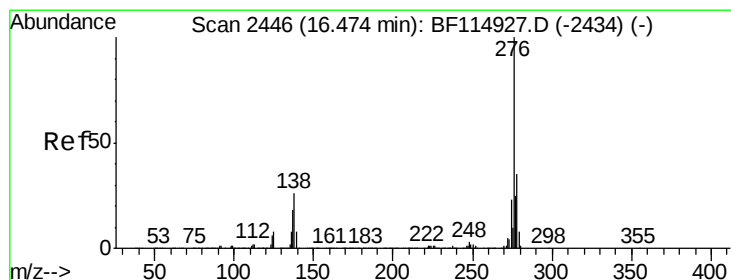
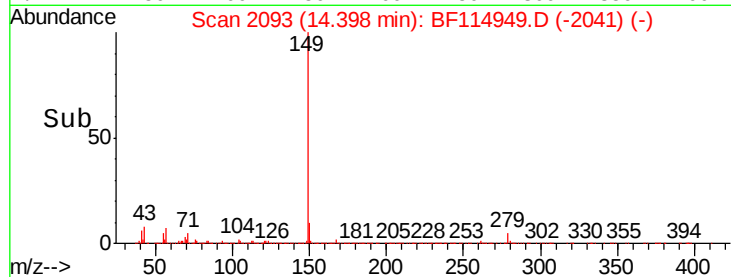
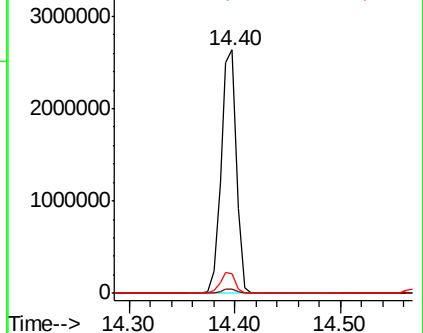
43 8.4 6.8 10.2



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: 39.284 ng

RT: 16.49 min Scan# 2449

Delta R.T. 0.02 min

Lab File: BF114949.D

Acq: 11 Jun 2019 17:58

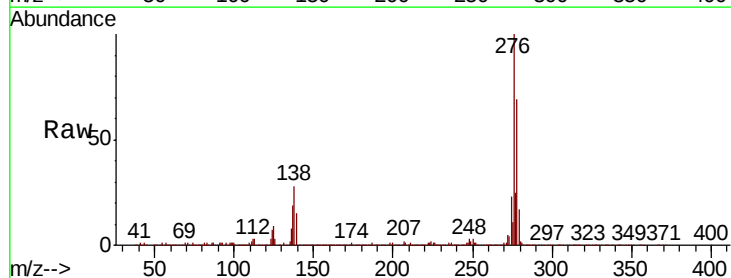
Tgt Ion:276 Resp: 1931415

Ion Ratio Lower Upper

276 100

138 28.7 23.3 34.9

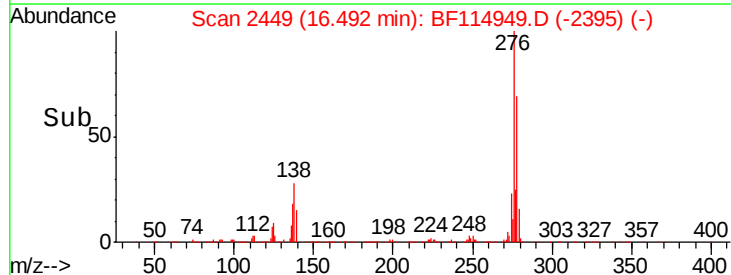
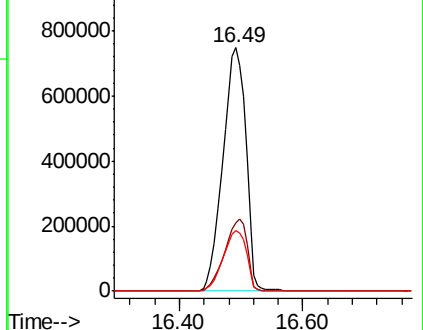
277 25.2 20.5 30.7

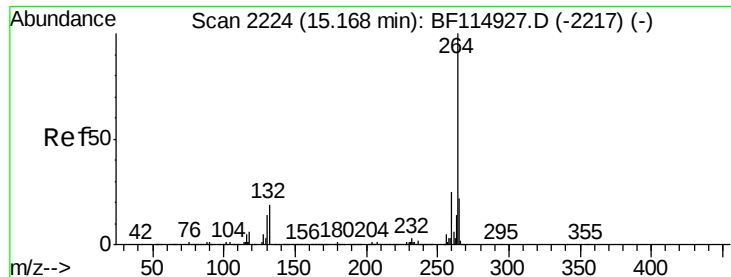


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

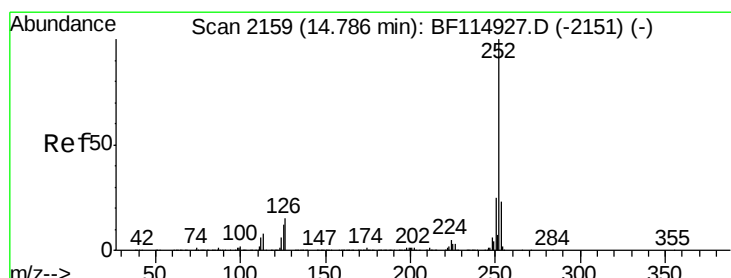
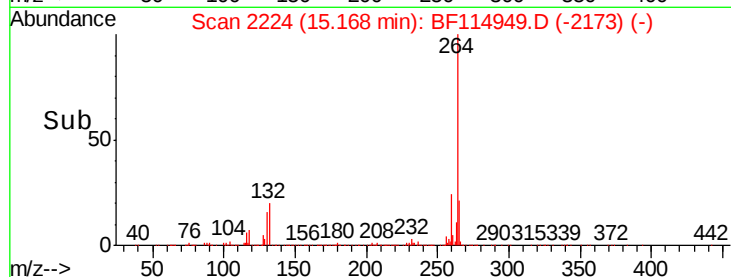
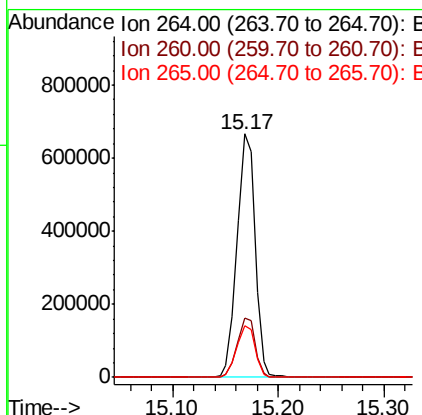
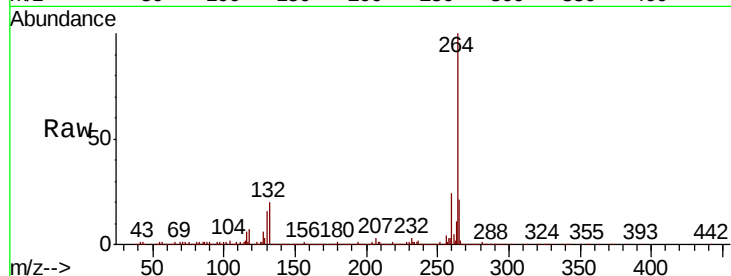




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.00 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

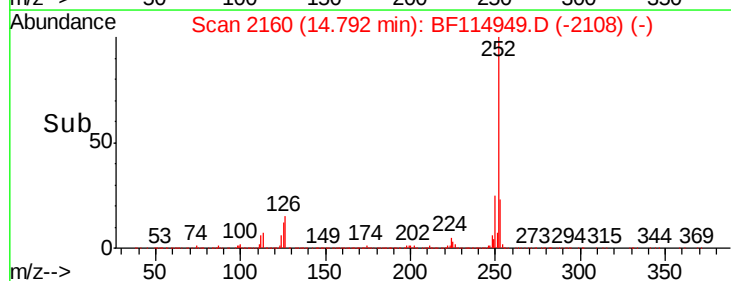
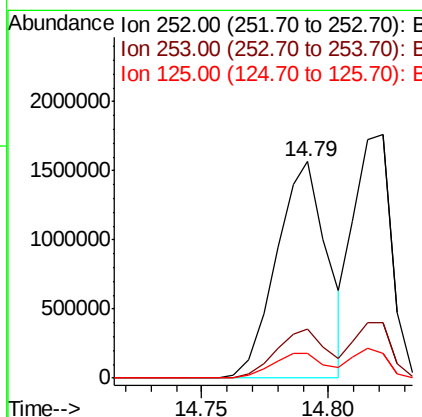
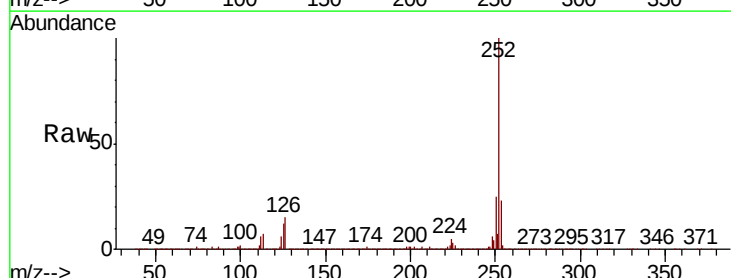
Instrument :
BNA_F
ClientSampleId :

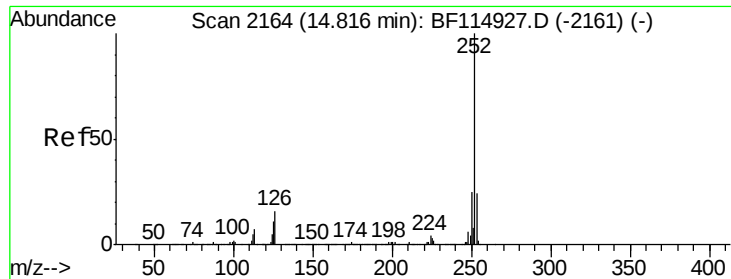
Tot Ion:264 Resp: 780588
Ion Ratio Lower Upper
264 100
260 24.2 19.7 29.5
265 21.1 17.5 26.3



#88
Benzo(b)fluoranthene
Concen: 42.755 ng
RT: 14.79 min Scan# 2160
Delta R.T. 0.01 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Tgt Ion:252 Resp: 2172763
Ion Ratio Lower Upper
252 100
253 22.8 18.6 28.0
125 11.6 9.5 14.3

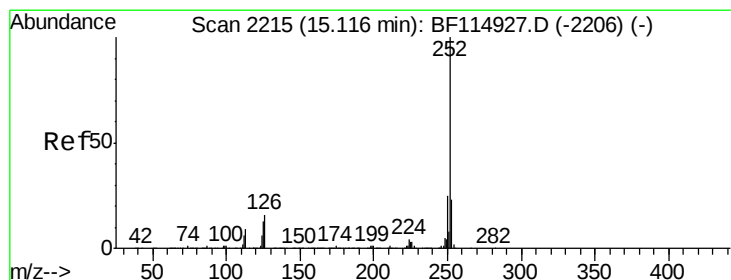
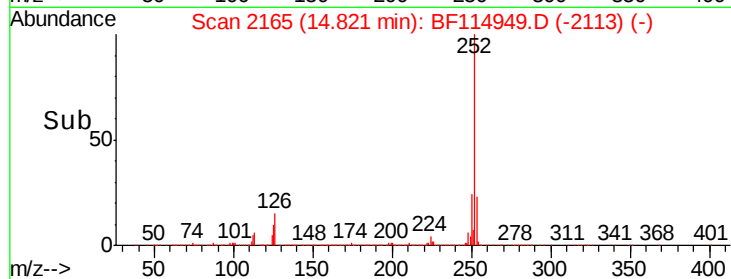
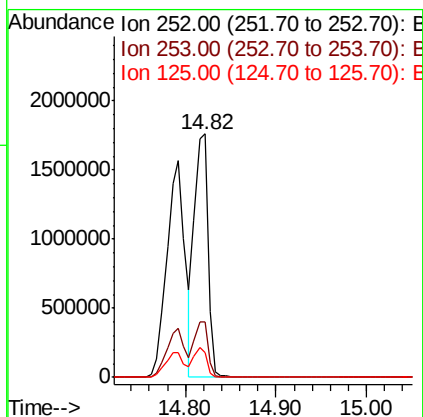
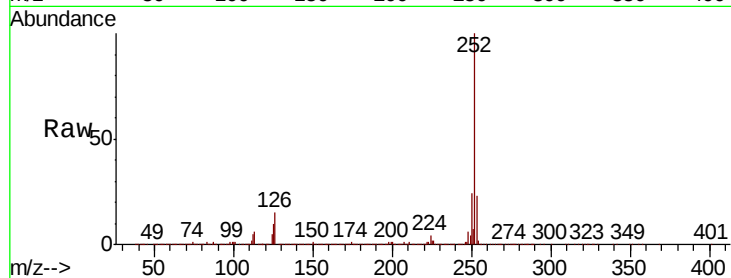




#89
Benzo(k)fluoranthene
Concen: 41.568 ng
RT: 14.82 min Scan# 2165
Delta R.T. 0.01 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

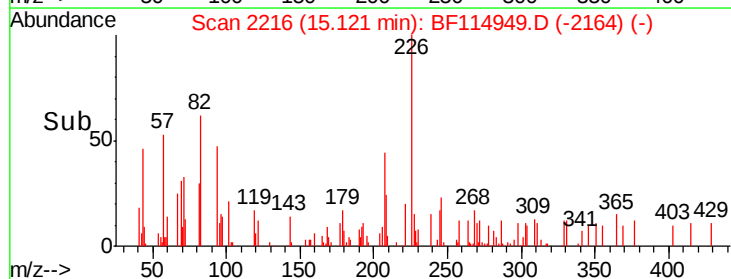
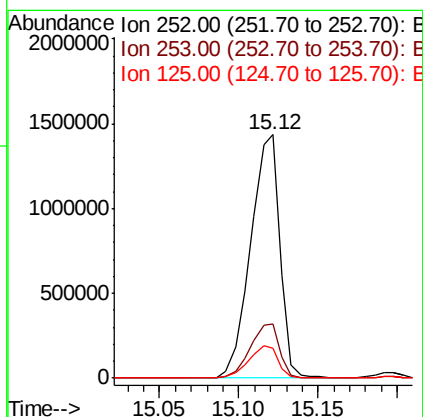
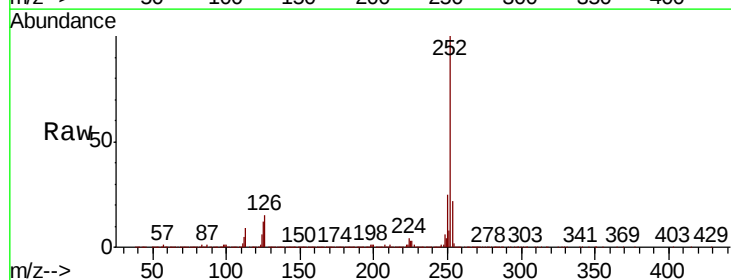
Instrument :
BNA_F
ClientSampleId :

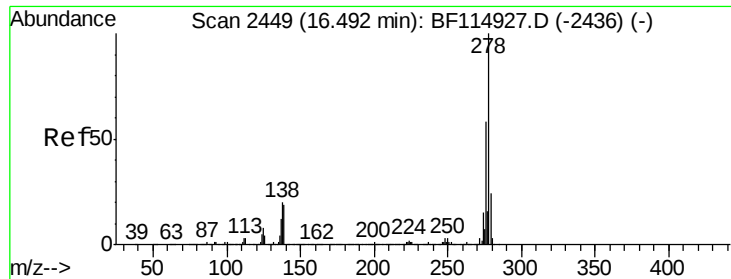
Tot Ion:252 Resp: 1833289
Ion Ratio Lower Upper
252 100
253 22.9 18.6 28.0
125 10.3 9.2 13.8



#90
Benzo(a)pyrene
Concen: 41.753 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.01 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Tgt Ion:252 Resp: 1842988
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 12.0 10.1 15.1



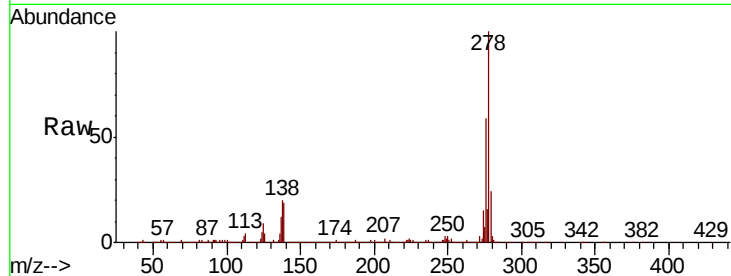


#91
Dibenzo(a,h)anthracene
Concen: 41.685 ng
RT: 16.50 min Scan# 2451
Delta R.T. 0.01 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

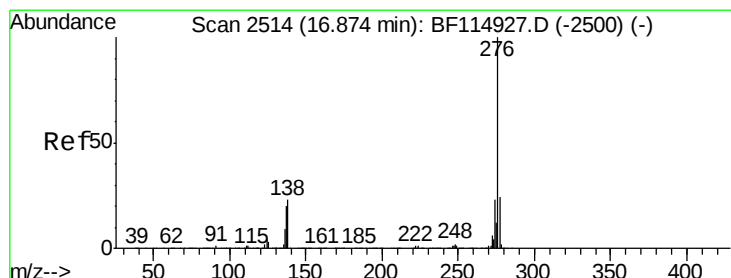
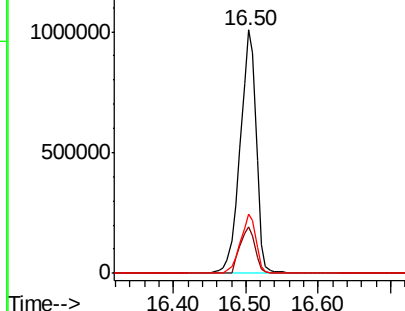
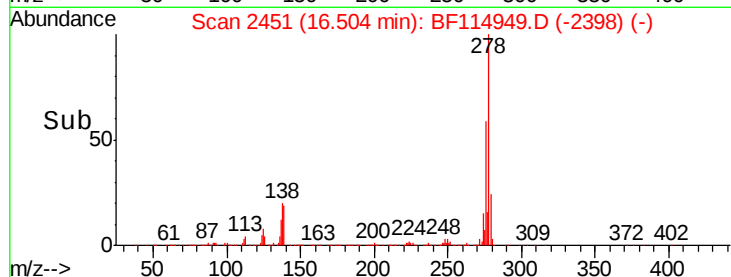
Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1554207

Ion	Ratio	Lower	Upper
278	100		
139	19.0	15.1	22.7
279	24.3	19.6	29.4



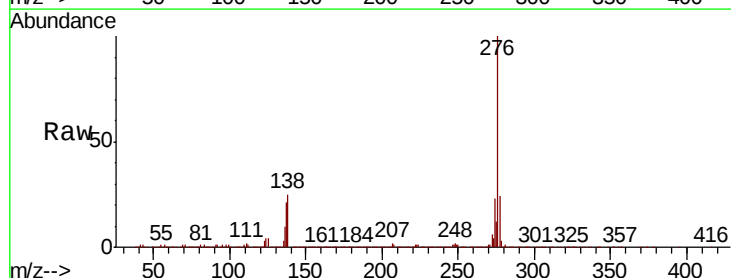
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 41.941 ng
RT: 16.89 min Scan# 2516
Delta R.T. 0.01 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Tgt Ion:276 Resp: 1558738

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.0	28.6
138	24.6	18.7	28.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

