

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
 Data File : BF114304.D
 Acq On : 16 May 2019 13:02
 Operator : JU/SJ
 Sample : PB119768BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119768BS

Quant Time: May 17 07:58:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	262427	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1043537	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	494017	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	978926	20.00	ng	0.00
76) Chrysene-d12	14.03	240	720955	20.00	ng	0.01
87) Perylene-d12	15.53	264	730892	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1648334	101.08	ng	0.02
7) Phenol-d6	6.50	99	2126293	110.24	ng	0.01
23) Nitrobenzene-d5	7.42	82	1202180	64.65	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	527455	103.27	ng	0.01
45) 2-Fluorobiphenyl	9.21	172	2077531	63.61	ng	0.00
79) Terphenyl-d14	12.96	244	2145354	61.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	276677	30.867	ng	99
3) Pyridine	3.47	79	719147	29.120	ng	96
4) n-Nitrosodimethylamine	3.42	42	359552	30.191	ng	94
6) Aniline	6.52	93	629311	22.588	ng	# 19
8) 2-Chlorophenol	6.65	128	631370	36.267	ng	94
9) Benzaldehyde	6.40	77	265412	19.657	ng	100
10) Phenol	6.52	94	749358	33.028	ng	91
11) bis(2-Chloroethyl)ether	6.59	93	627850	36.450	ng	98
12) 1,3-Dichlorobenzene	6.79	146	661815	33.867	ng	99
13) 1,4-Dichlorobenzene	6.87	146	665736	33.808	ng	97
14) 1,2-Dichlorobenzene	7.02	146	620942	34.515	ng	99
15) Benzyl Alcohol	7.00	79	516252	34.319	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1142871	34.219	ng	65
17) 2-Methylphenol	7.12	107	508546	35.561	ng	# 92
18) Hexachloroethane	7.36	117	251347	34.005	ng	96
19) n-Nitroso-di-n-propylamine	7.26	70	434062	35.506	ng	98
20) 3+4-Methylphenols	7.27	107	645162	39.047	ng	# 62
22) Acetophenone	7.26	105	847648	36.667	ng	# 91
24) Nitrobenzene	7.43	77	685327	36.186	ng	97
25) Isophorone	7.67	82	1229360	35.648	ng	98
26) 2-Nitrophenol	7.75	139	350659	38.163	ng	99
27) 2,4-Dimethylphenol	7.79	122	565746	39.203	ng	100
28) bis(2-Chloroethoxy)methane	7.87	93	795545	35.554	ng	98
29) 2,4-Dichlorophenol	8.00	162	518159	36.058	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	554006	33.904	ng	99
31) Naphthalene	8.16	128	1776904	36.453	ng	98
32) Benzoic acid	7.93	122	308965	32.655	ng	96
33) 4-Chloroaniline	8.20	127	535653	24.115	ng	99
34) Hexachlorobutadiene	8.27	225	305123	32.817	ng	98
35) Caprolactam	8.57	113	91951	19.624	ng	99
36) 4-Chloro-3-methylphenol	8.70	107	554878	38.361	ng	100
37) 2-Methylnaphthalene	8.85	142	1198428	38.106	ng	97
38) 1-Methylnaphthalene	8.95	142	1117046	37.716	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	528041	35.285	ng	99

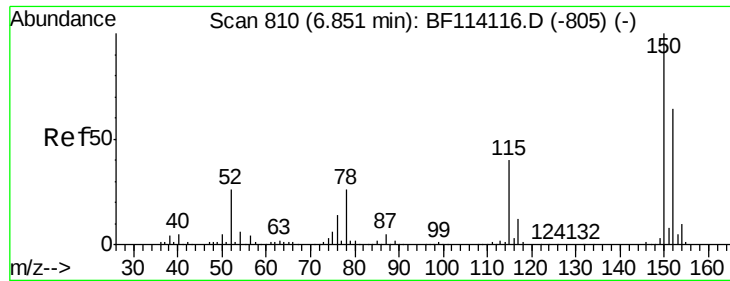
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
 Data File : BF114304.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	329118	48.979	ng	97
43) 2,4,6-Trichlorophenol	9.13	196	345193	33.536	ng	99
44) 2,4,5-Trichlorophenol	9.18	196	372672	35.304	ng	98
46) 1,1'-Biphenyl	9.31	154	1442134	36.135	ng	97
47) 2-Chloronaphthalene	9.34	162	1103128	34.345	ng	96
48) 2-Nitroaniline	9.43	65	387173	33.989	ng	99
49) Acenaphthylene	9.75	152	1755896	35.944	ng	99
50) Dimethylphthalate	9.61	163	1259610	34.733	ng	100
51) 2,6-Dinitrotoluene	9.67	165	286422	35.608	ng	94
52) Acenaphthene	9.92	154	1020951	34.058	ng	99
53) 3-Nitroaniline	9.85	138	236684	23.704	ng	98
54) 2,4-Dinitrophenol	9.96	184	254989	64.473	ng	98
55) Dibenzofuran	10.10	168	1505186	34.242	ng	96
56) 4-Nitrophenol	10.03	139	381456	54.021	ng	98
57) 2,4-Dinitrotoluene	10.09	165	370244	33.913	ng	92
58) Fluorene	10.44	166	1193174	35.142	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.22	232	300105	32.948	ng	100
60) Diethylphthalate	10.31	149	1246842	33.837	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	570699	34.223	ng	97
62) 4-Nitroaniline	10.46	138	336057	32.029	ng	96
63) Azobenzene	10.59	77	1249794	35.041	ng	99
65) 4,6-Dinitro-2-methylphenol	10.50	198	166004	35.291	ng	81
66) n-Nitrosodiphenylamine	10.55	169	1067243	35.921	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	361600	33.549	ng	99
68) Hexachlorobenzene	10.99	284	390413	32.742	ng	99
69) Atrazine	11.07	200	321721	34.796	ng	100
70) Pentachlorophenol	11.19	266	321147	56.816	ng	98
71) Phenanthrene	11.40	178	1684063	35.360	ng	99
72) Anthracene	11.46	178	1776919	37.146	ng	99
73) Carbazole	11.61	167	1688728	37.020	ng	99
74) Di-n-butylphthalate	11.93	149	1934354	36.807	ng	99
75) Fluoranthene	12.59	202	1862022	36.306	ng	98
77) Benzidine	12.71	184	815325	25.193	ng	97
78) Pyrene	12.82	202	1902700	32.807	ng	99
80) Butylbenzylphthalate	13.43	149	878023	35.967	ng	98
81) Benzo(a)anthracene	14.02	228	1651637	35.419	ng	100
82) 3,3'-Dichlorobenzidine	13.97	252	525779	29.065	ng	98
83) Chrysene	14.06	228	1579996	34.564	ng	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1193673	37.387	ng	99
85) Di-n-octyl phthalate	14.63	149	2024271	39.112	ng	99
86) Indeno(1,2,3-cd)pyrene	17.03	276	1562430	38.675	ng	99
88) Benzo(b)fluoranthene	15.10	252	1641675	35.060	ng	99
89) Benzo(k)fluoranthene	15.13	252	1609124	37.410	ng	99
90) Benzo(a)pyrene	15.47	252	1585083	38.464	ng	99
91) Dibenzo(a,h)anthracene	17.03	278	1298578	37.922	ng	99
92) Benzo(g,h,i)perylene	17.47	276	1300166	37.887	ng	98

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

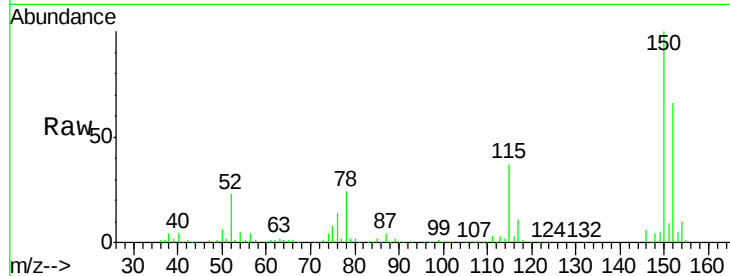


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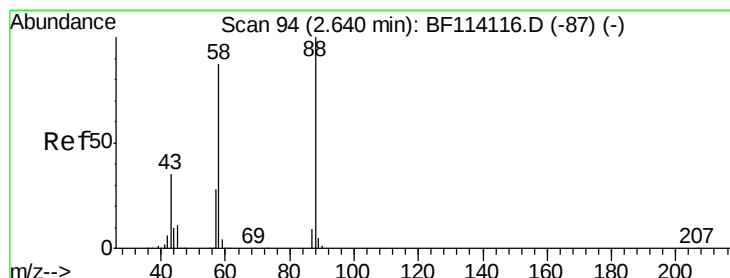
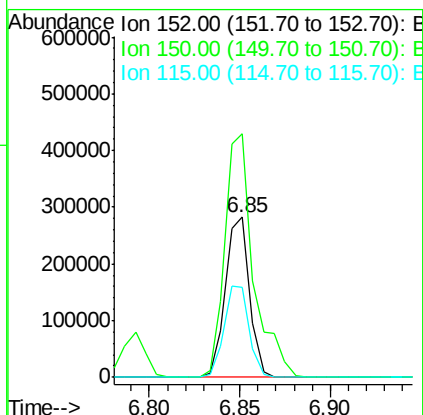
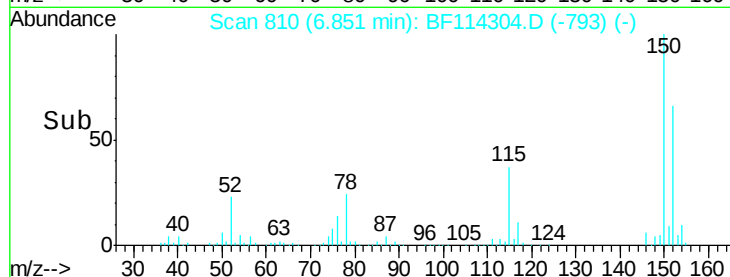
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

Instrument :
BNA_F
ClientSampleId :
PB119768BS

Tot Ion:152 Resp: 262427
Ion Ratio Lower Upper
152 100
150 151.9 124.3 186.5
115 56.1 49.1 73.7



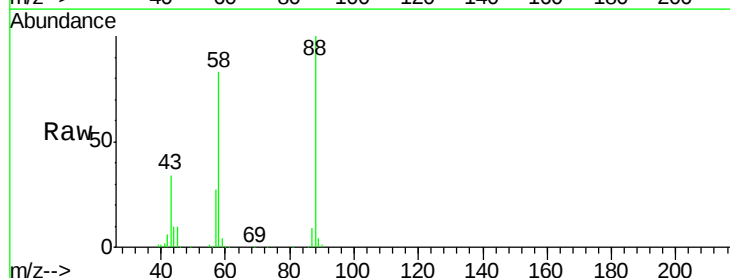
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



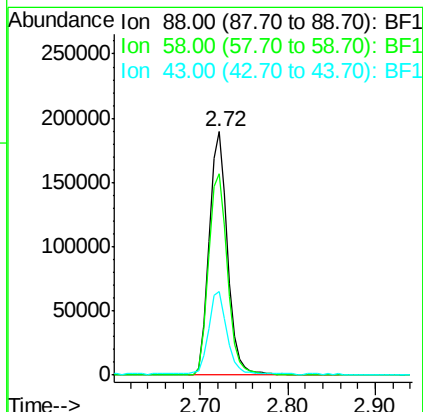
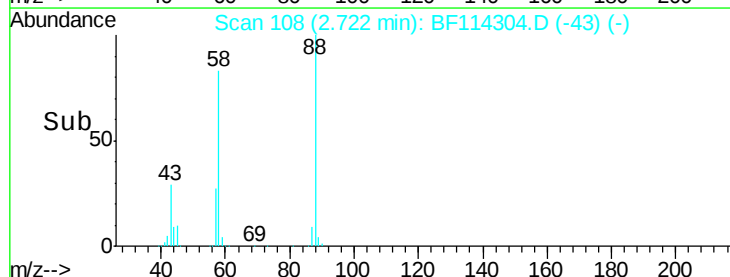
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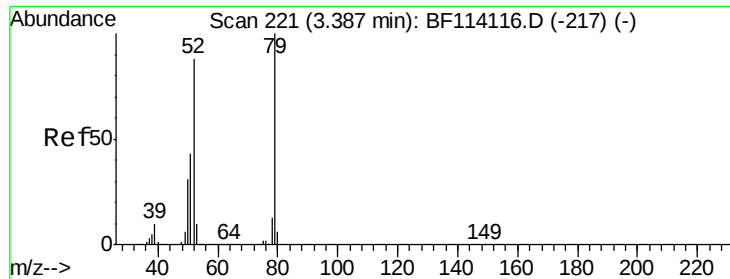
1,4-Dioxane
Concen: 30.867 ng
RT: 2.72 min Scan# 108
Delta R.T. 0.08 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

Tgt Ion: 88 Resp: 276677
Ion Ratio Lower Upper
88 100
58 85.3 68.7 103.1
43 34.0 28.2 42.2



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: 29.120 ng

RT: 3.47 min Scan# 235

Delta R.T. 0.08 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

Instrument :

BNA_F

ClientSampleId :

PB119768BS

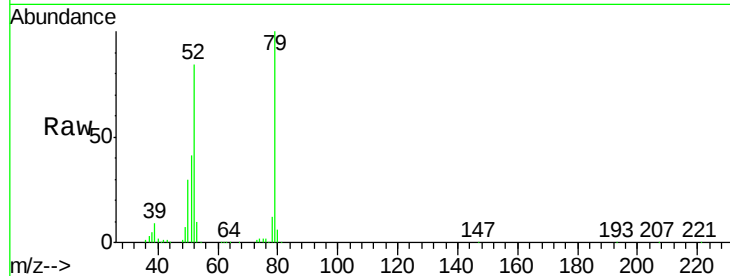
Tot Ion: 79 Resp: 719147

Ion Ratio Lower Upper

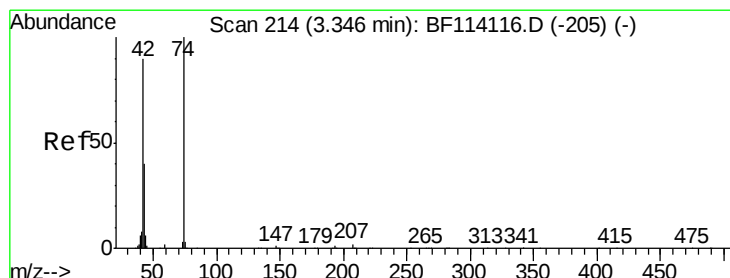
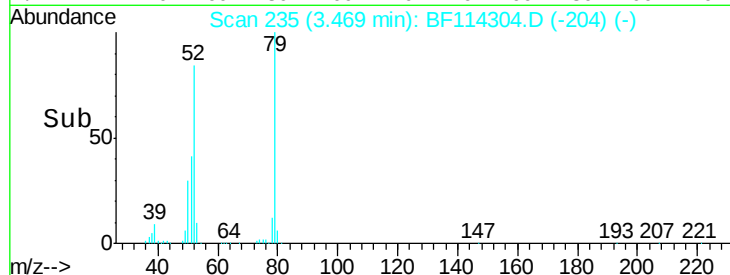
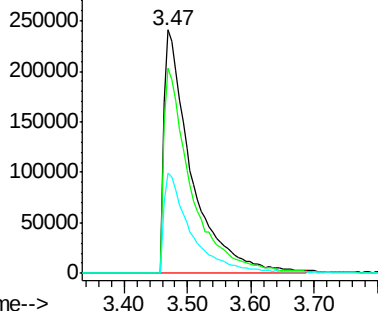
79 100

52 84.5 70.6 105.8

51 41.1 34.2 51.2



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: 30.191 ng

RT: 3.42 min Scan# 226

Delta R.T. 0.07 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

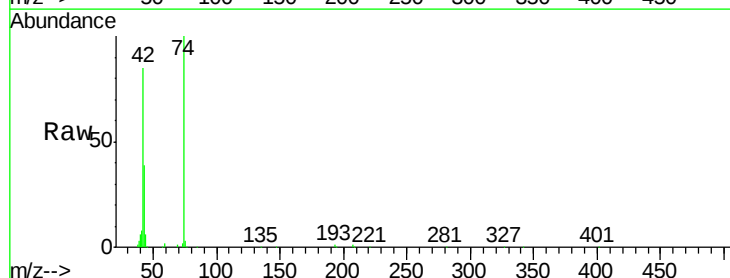
Tgt Ion: 42 Resp: 359552

Ion Ratio Lower Upper

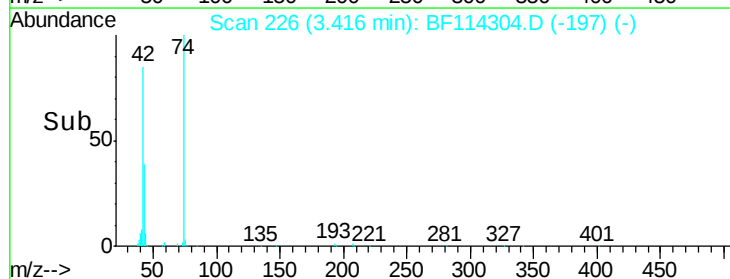
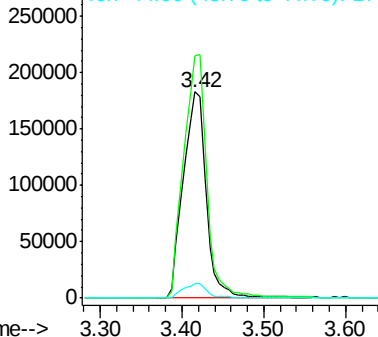
42 100

74 117.9 88.6 132.8

44 7.1 5.5 8.3



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: 101.080 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.02 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

Instrument :

BNA_F

ClientSampleId :

PB119768BS

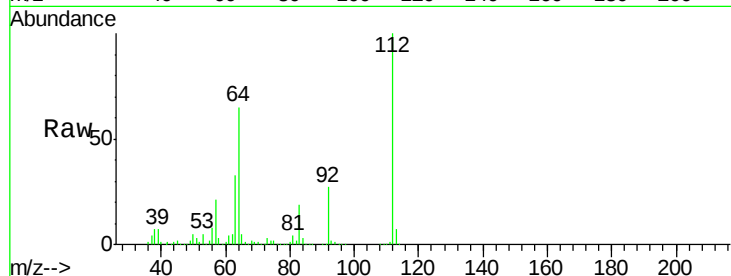
Tot Ion:112 Resp: 1648334

Ion Ratio Lower Upper

112 100

64 64.8 49.0 73.6

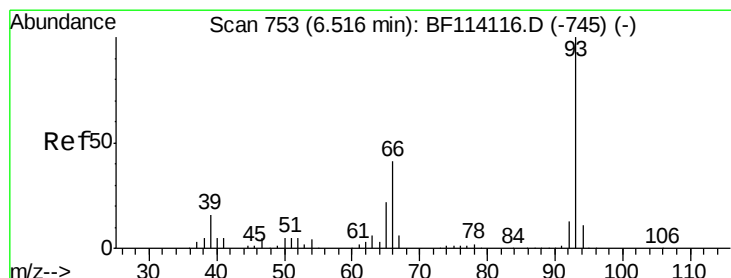
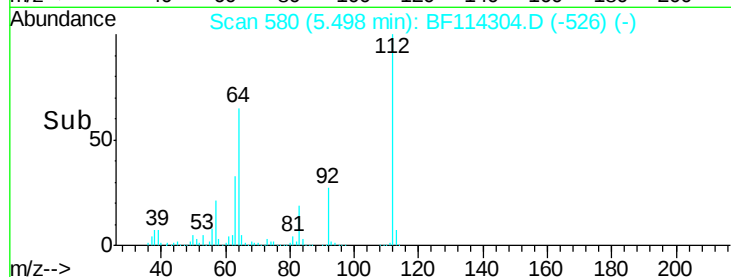
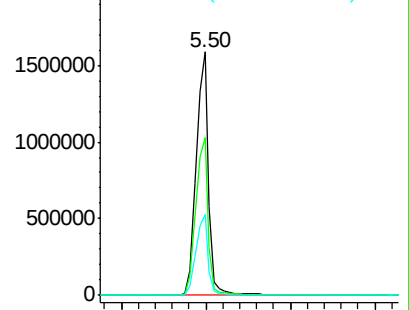
63 33.4 24.6 37.0



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: 22.588 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

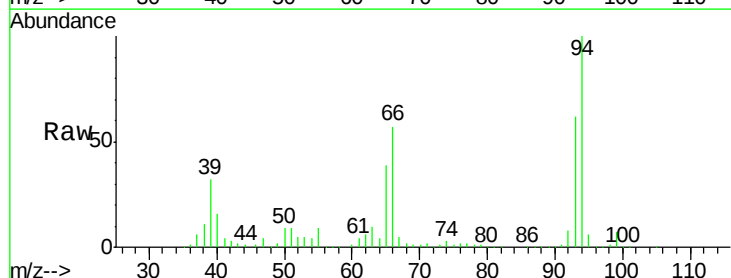
Tgt Ion: 93 Resp: 629311

Ion Ratio Lower Upper

93 100

66 91.4 33.2 49.8#

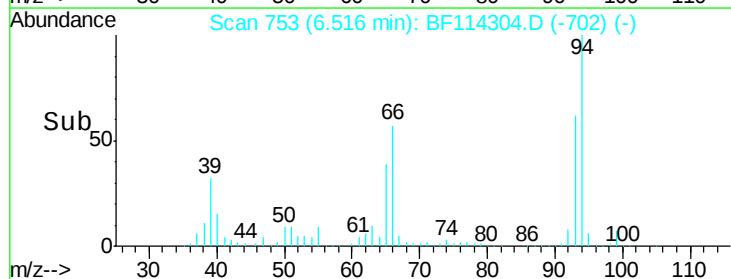
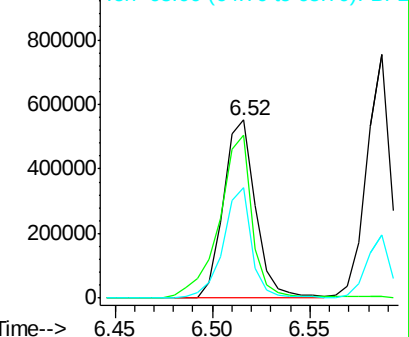
65 62.2 17.6 26.4#

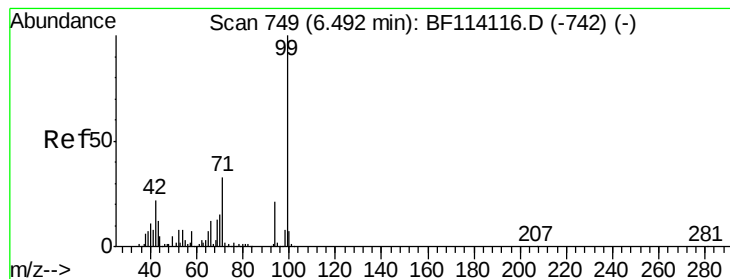


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 110.244 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

Instrument :

BNA_F

ClientSampleId :

PB119768BS

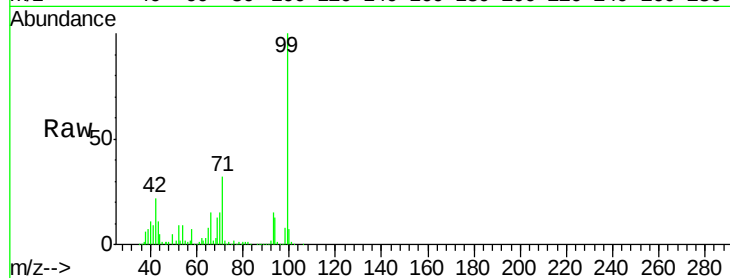
Tot Ion: 99 Resp: 2126293

Ion Ratio Lower Upper

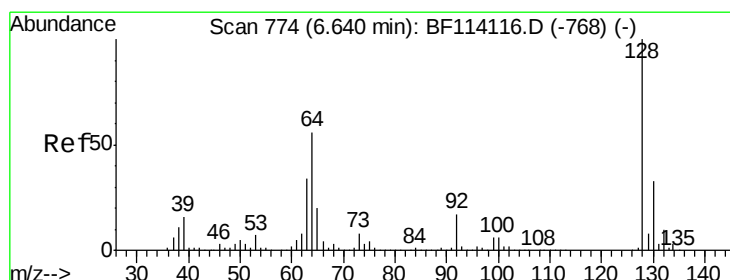
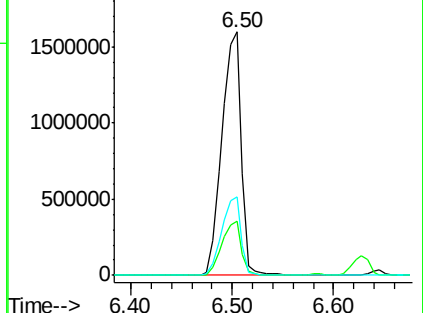
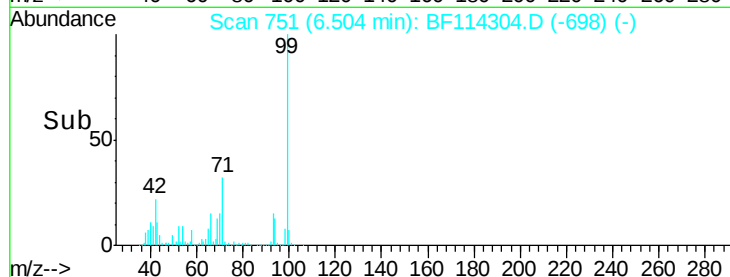
99 100

42 22.3 17.9 26.9

71 32.1 26.2 39.2



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: 36.267 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

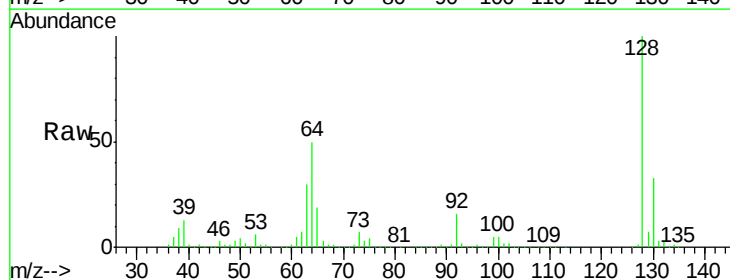
Tgt Ion: 128 Resp: 631370

Ion Ratio Lower Upper

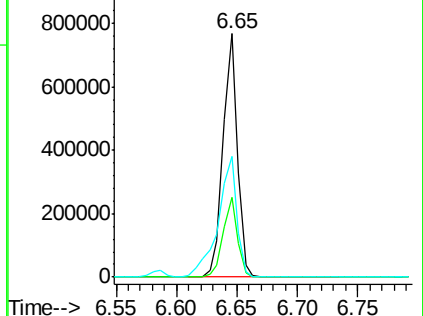
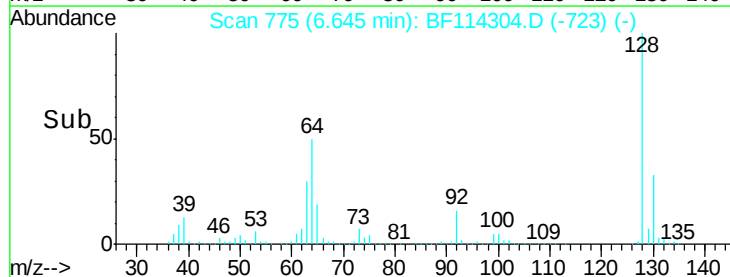
128 100

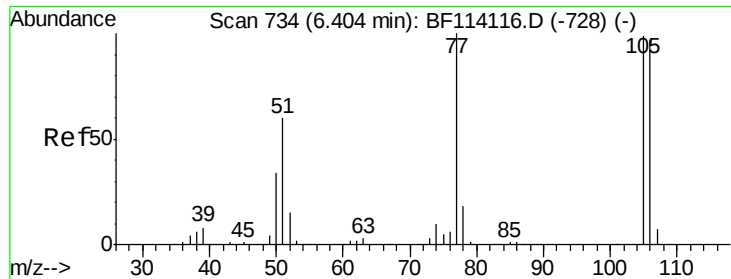
130 32.7 12.6 52.6

64 49.6 35.9 75.9



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

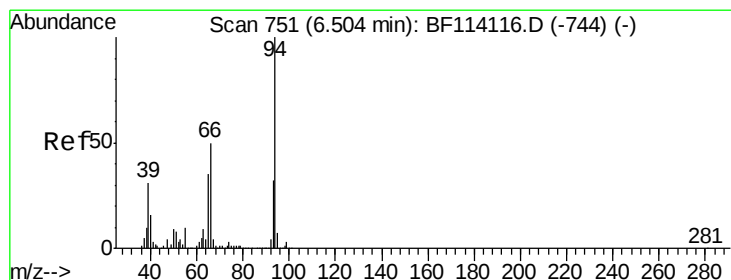
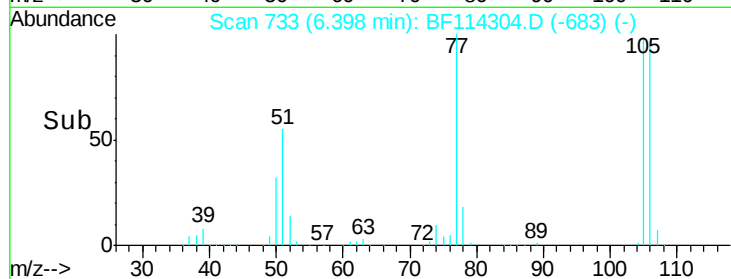
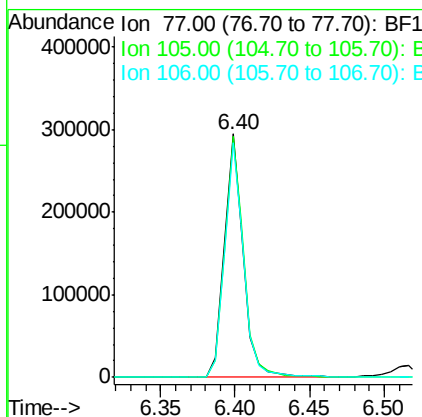
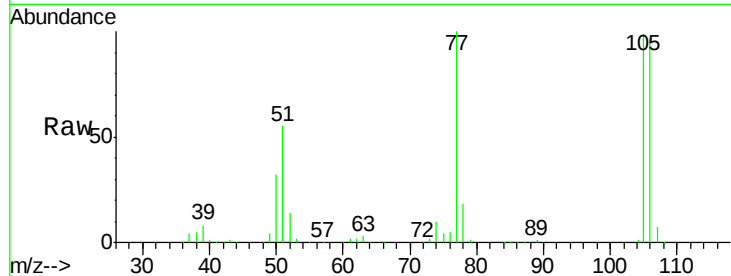




#9
Benzaldehyde
Concen: 19.657 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

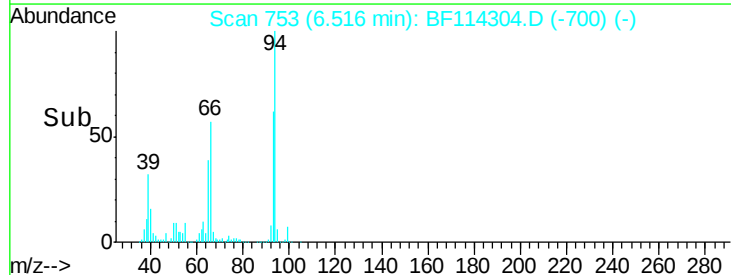
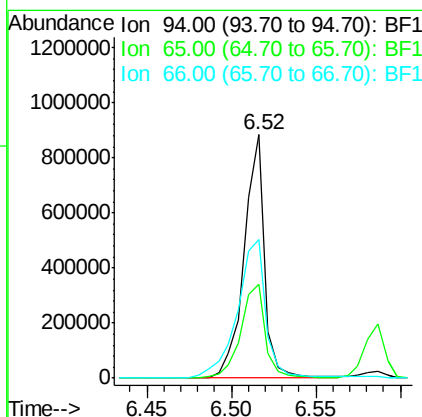
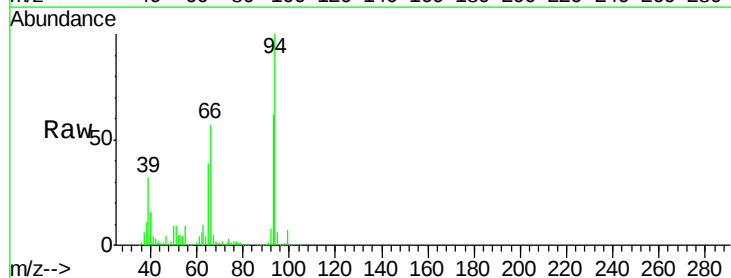
Instrument :
BNA_F
ClientSampleId :
PB119768BS

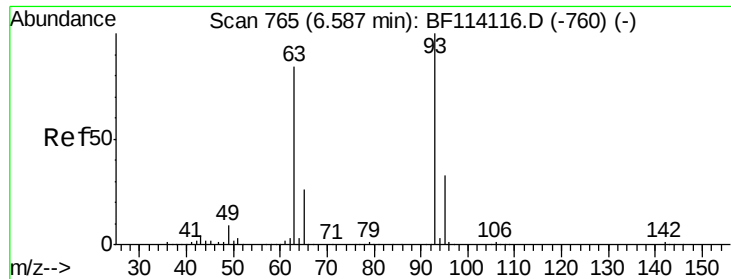
Tot Ion: 77 Resp: 265412
Ion Ratio Lower Upper
77 100
105 99.0 79.3 119.3
106 96.6 77.0 117.0



#10
Phenol
Concen: 33.028 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.01 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

Tgt Ion: 94 Resp: 749358
Ion Ratio Lower Upper
94 100
65 38.8 14.7 54.7
66 57.0 29.6 69.6

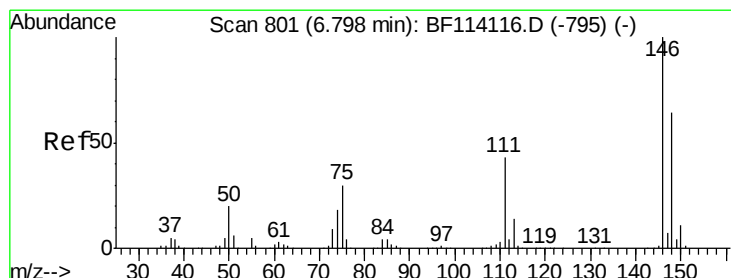
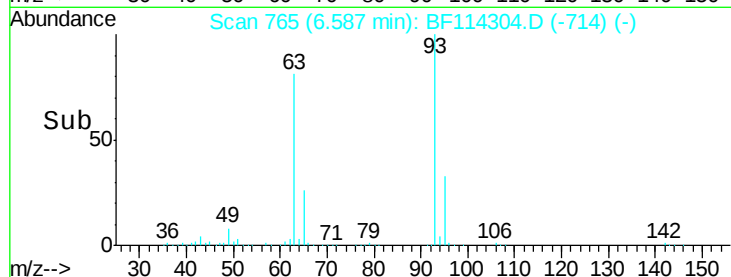
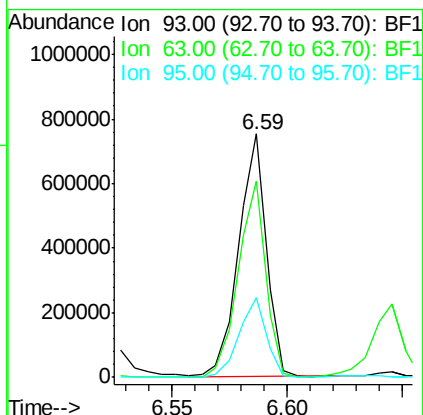
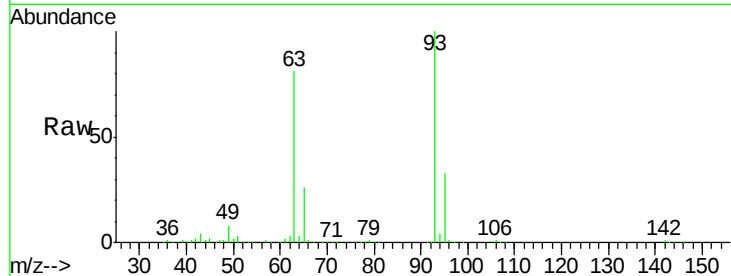




#11
 bis(2-Chloroethyl)ether
 Concen: 36.450 ng
 RT: 6.59 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: BF114304.D
 Acq: 16 May 2019 13:02

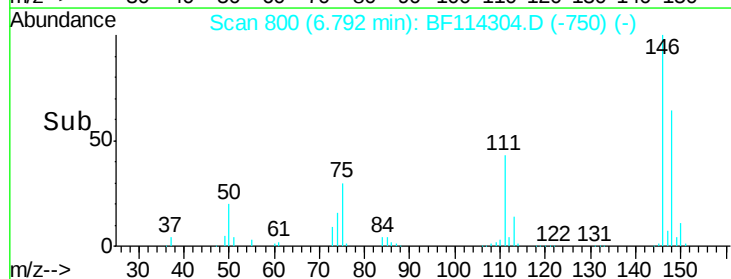
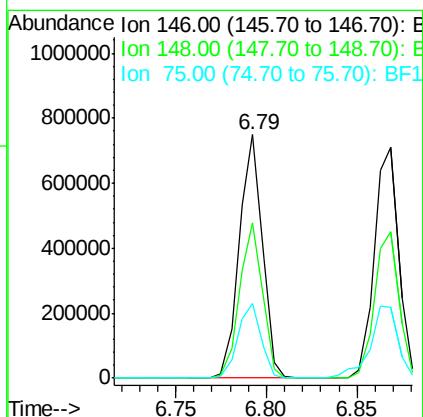
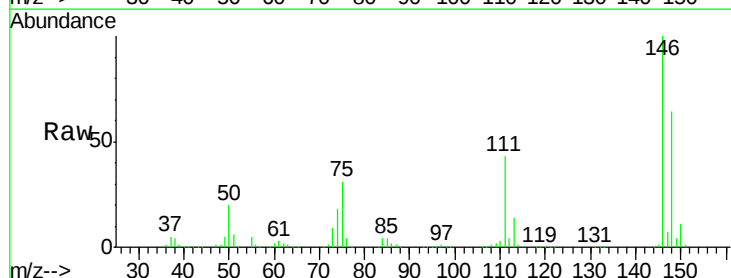
Instrument :
 BNA_F
 ClientSampleId :
 PB119768BS

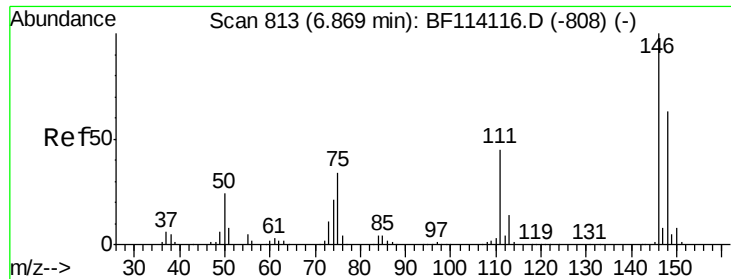
Tot Ion: 93 Resp: 627850
 Ion Ratio Lower Upper
 93 100
 63 80.8 63.6 103.6
 95 33.0 13.1 53.1



#12
 1,3-Dichlorobenzene
 Concen: 33.867 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF114304.D
 Acq: 16 May 2019 13:02

Tgt Ion: 146 Resp: 661815
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.6 77.4
 75 30.7 24.2 36.2

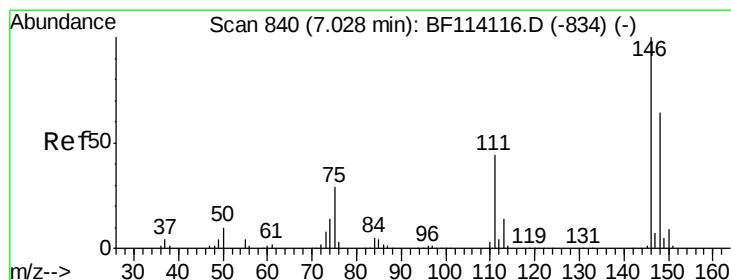
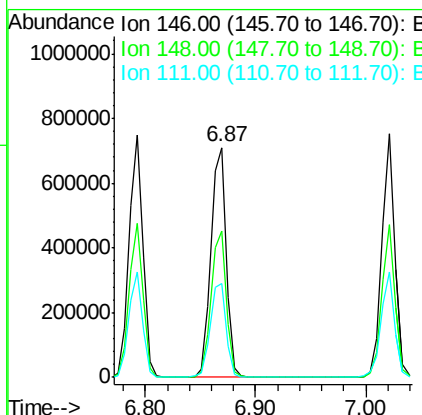
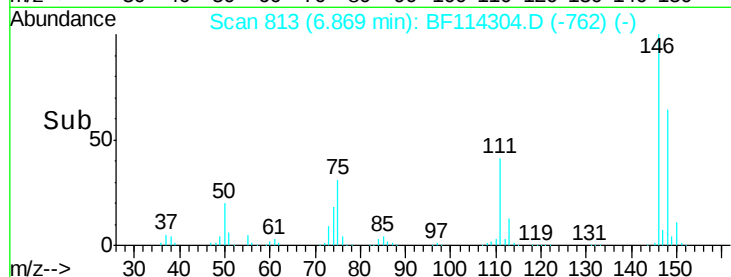
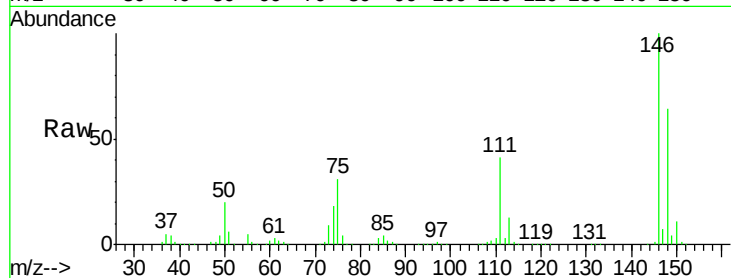




#13
 1,4-Dichlorobenzene
 Concen: 33.808 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF114304.D
 Acq: 16 May 2019 13:02

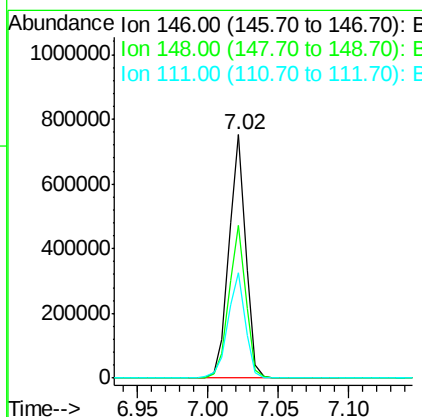
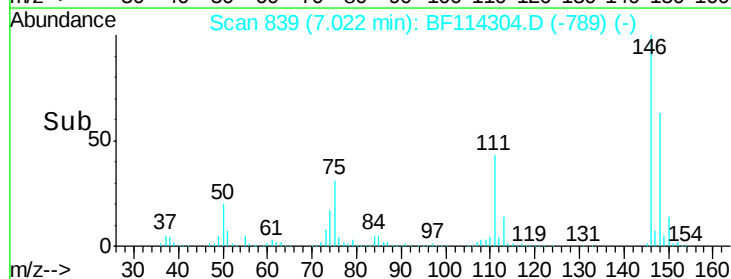
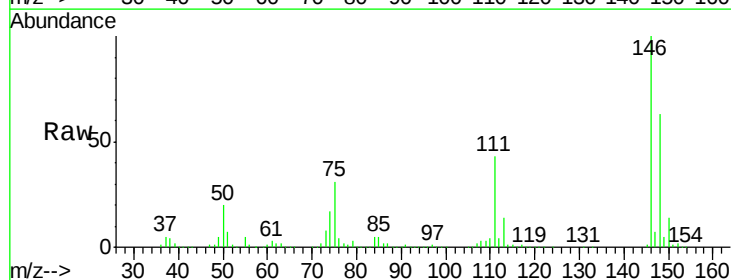
Instrument :
 BNA_F
 ClientSampleId :
 PB119768BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.2	75.2
111	41.1	35.8	53.6



#14
 1,2-Dichlorobenzene
 Concen: 34.515 ng
 RT: 7.02 min Scan# 839
 Delta R.T. -0.01 min
 Lab File: BF114304.D
 Acq: 16 May 2019 13:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.1	76.7
111	43.4	35.3	52.9





#15

Benzyl Alcohol

Concen: 34.319 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.01 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

Instrument :

BNA_F

ClientSampleId :

PB119768BS

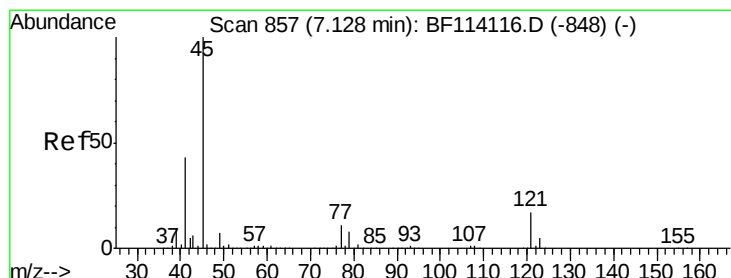
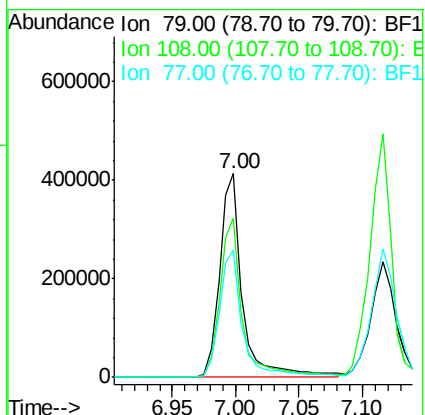
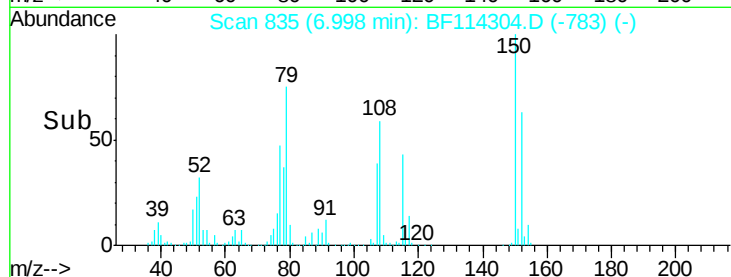
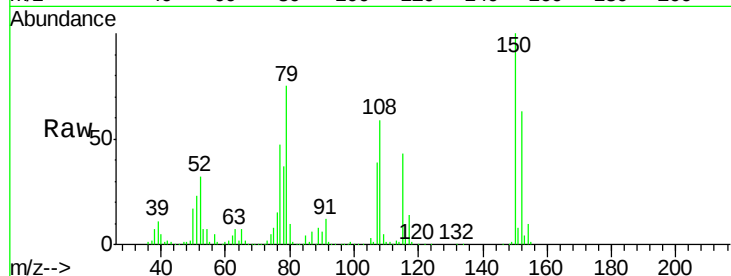
Tot Ion: 79 Resp: 516252

Ion Ratio Lower Upper

79 100

108 78.5 62.1 93.1

77 62.8 51.0 76.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.219 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

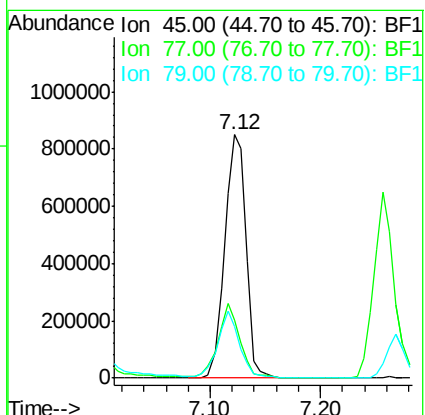
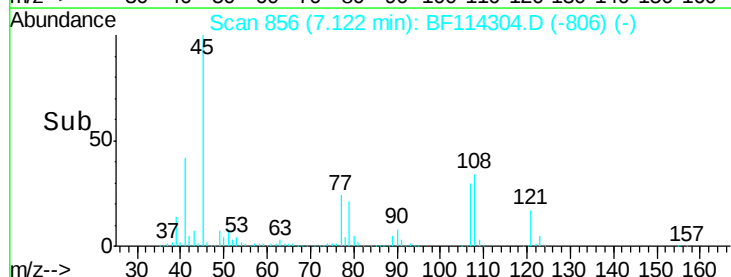
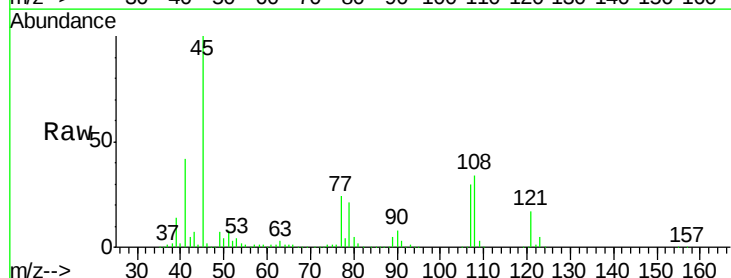
Tgt Ion: 45 Resp: 1142871

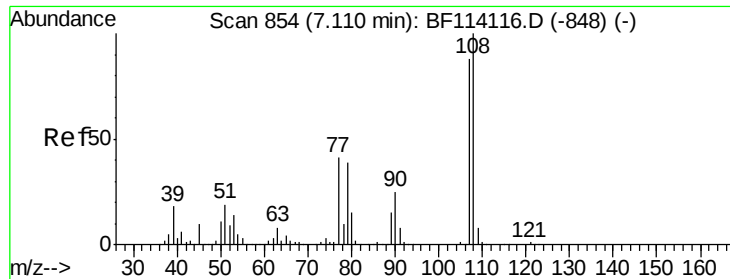
Ion Ratio Lower Upper

45 100

77 24.1 0.0 31.1

79 21.1 0.0 28.4

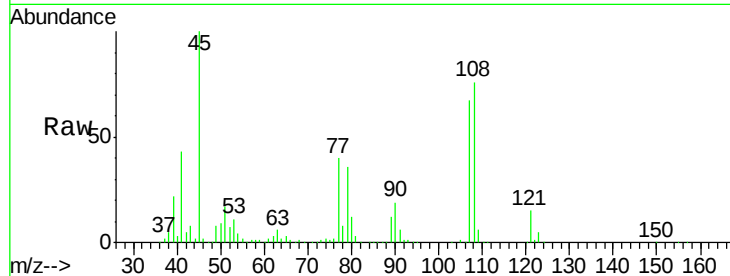




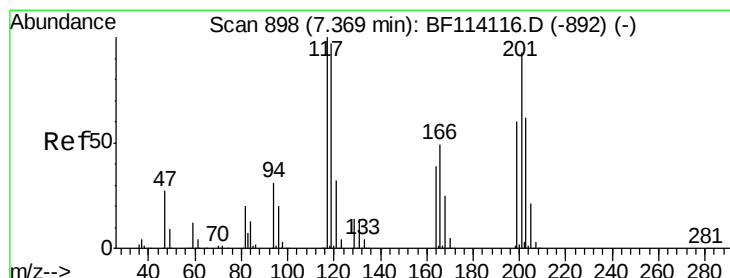
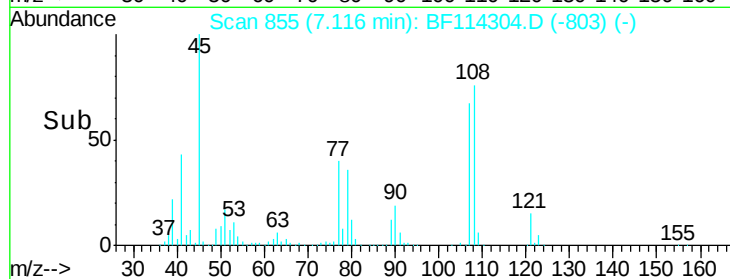
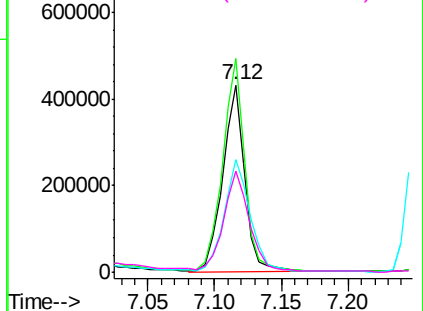
#17
2-Methylphenol
Concen: 35.561 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

Instrument :
BNA_F
ClientSampled :
PB119768BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.0	90.5	135.7
77	60.0	37.0	55.4
79	54.3	35.8	53.8

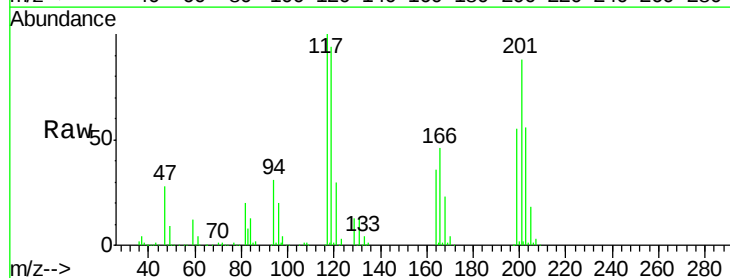


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

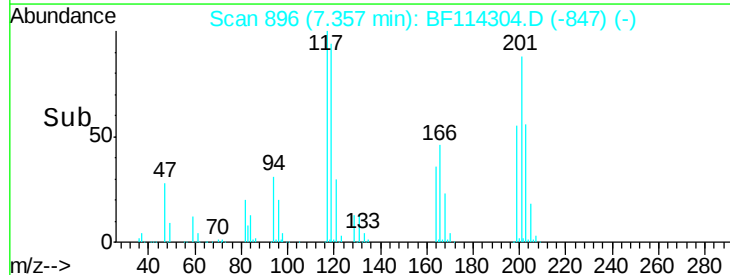
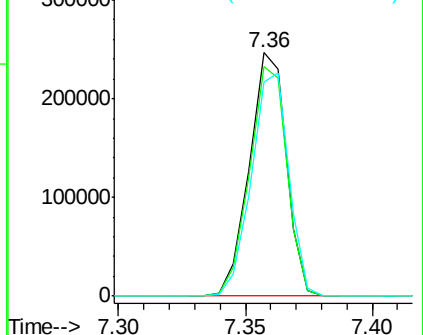


#18
Hexachloroethane
Concen: 34.005 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.1	77.4	116.2
201	88.1	74.5	111.7



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

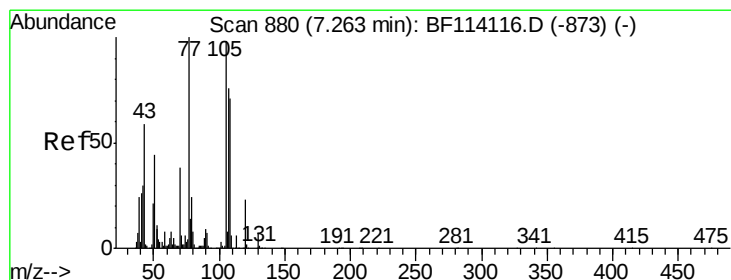
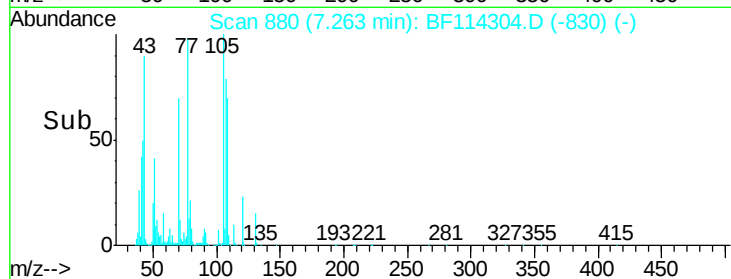
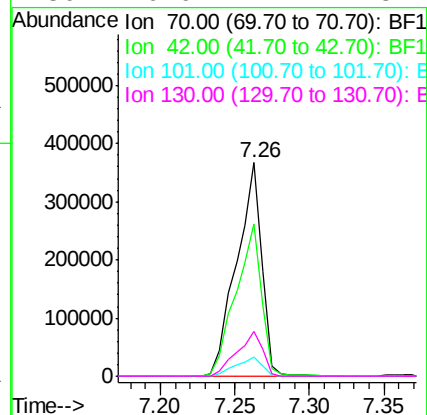
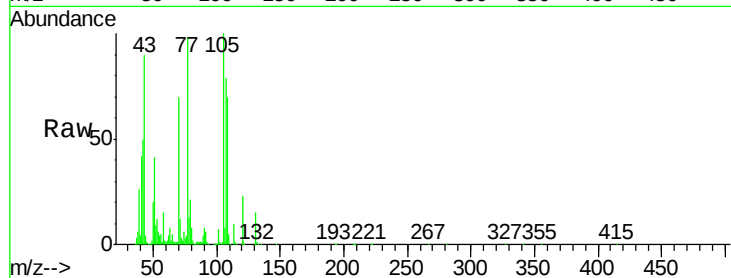




#19
n-Nitroso-di-n-propylamine
Concen: 35.506 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

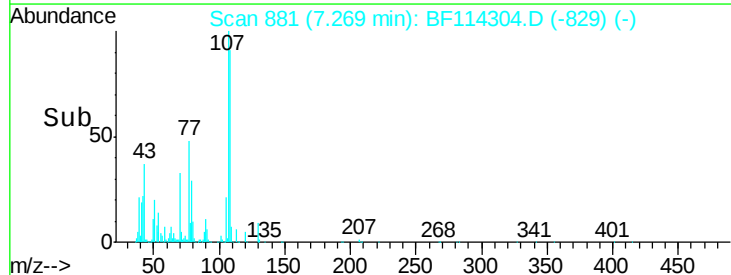
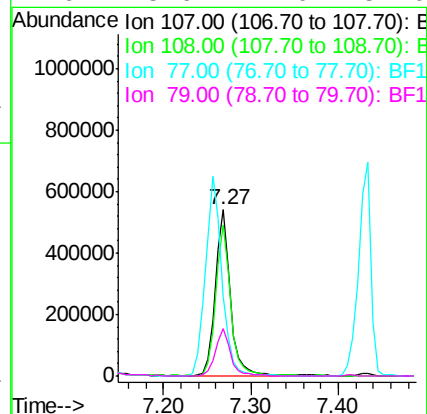
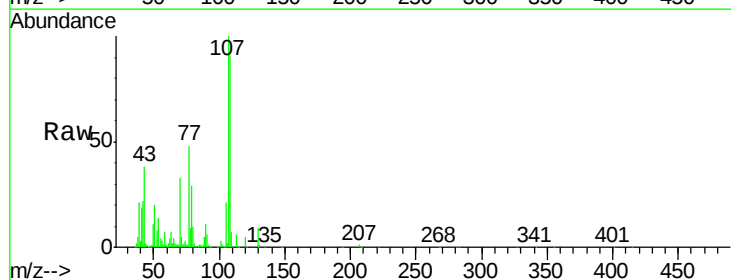
Instrument :
BNA_F
ClientSampleId :
PB119768BS

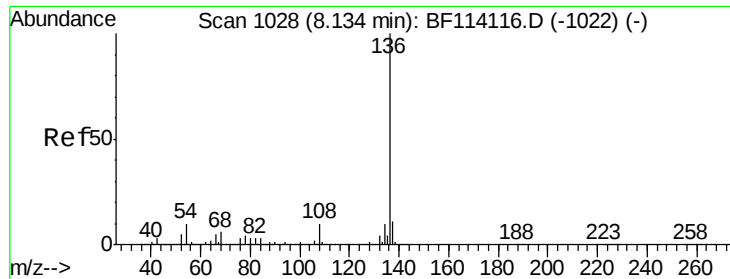
Tot Ion: 70 Resp: 434062
Ion Ratio Lower Upper
70 100
42 71.3 58.6 87.8
101 9.3 7.8 11.8
130 20.9 17.1 25.7



#20
3+4-Methylphenols
Concen: 39.047 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

Tgt Ion: 107 Resp: 645162
Ion Ratio Lower Upper
107 100
108 91.0 73.8 113.8
77 47.6 111.5 151.5#
79 28.6 12.0 52.0

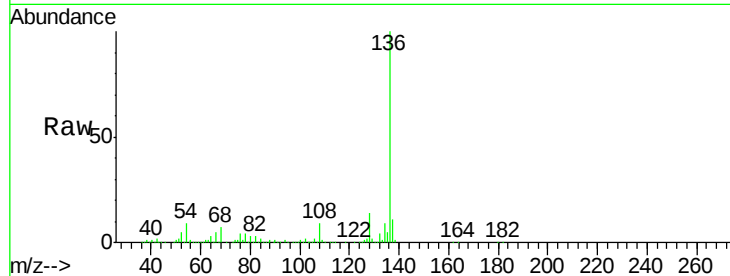




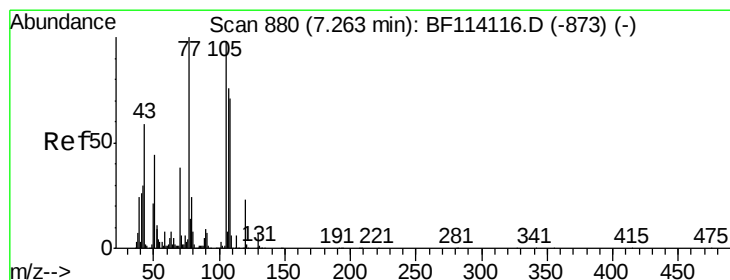
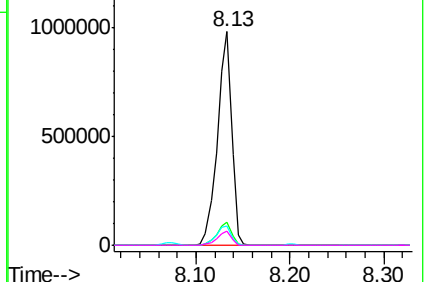
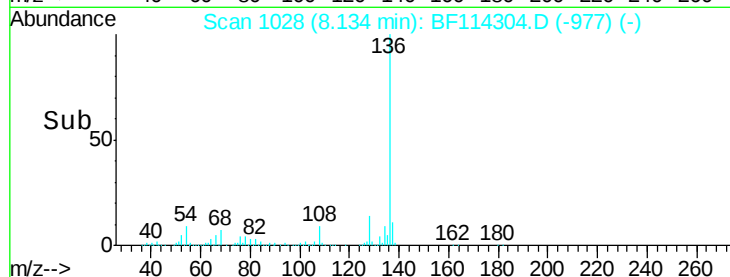
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

Instrument :
BNA_F
ClientSampleId :
PB119768BS

Tot Ion:136	Resp: 1043537
Ion Ratio	Lower Upper
136 100	
137 11.1	8.8 13.2
54 9.3	7.8 11.8
68 6.6	5.1 7.7

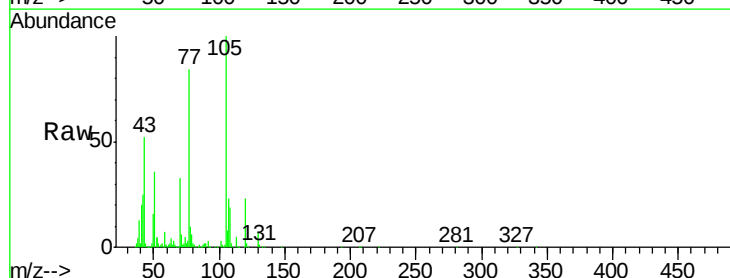


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

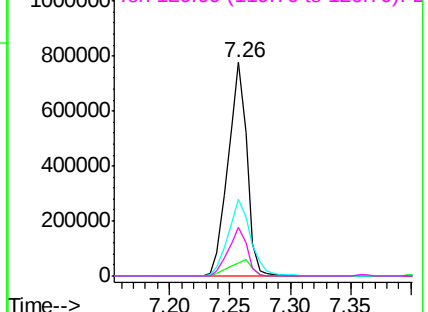
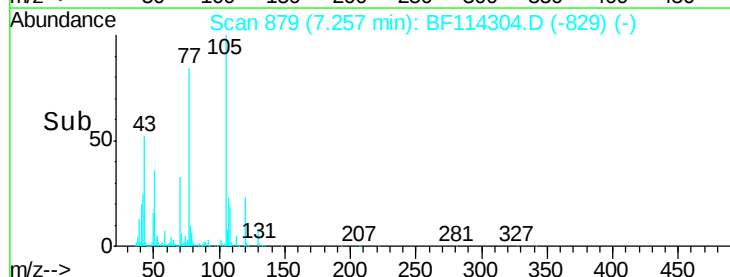


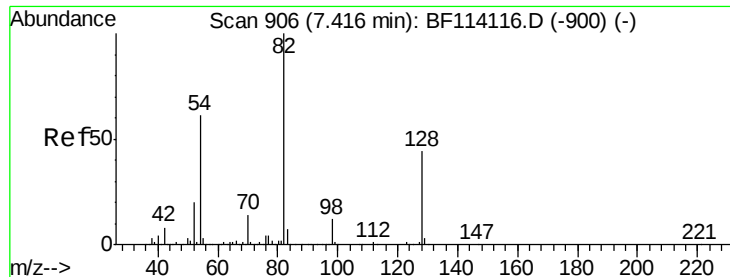
#22
Acetophenone
Concen: 36.667 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

Tgt	Ion:105	Resp:	847648
Ion	Ratio	Lower	Upper
105	100		
71	5.8	5.3	7.9
51	36.2	36.2	54.4#
120	22.7	18.6	28.0



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: 64.652 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.00 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

Instrument :

BNA_F

ClientSampleId :

PB119768BS

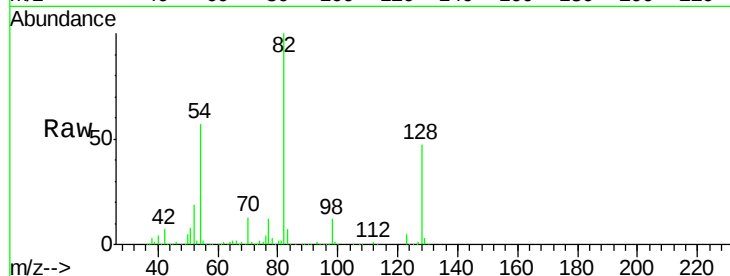
Tot Ion: 82 Resp: 1202180

Ion Ratio Lower Upper

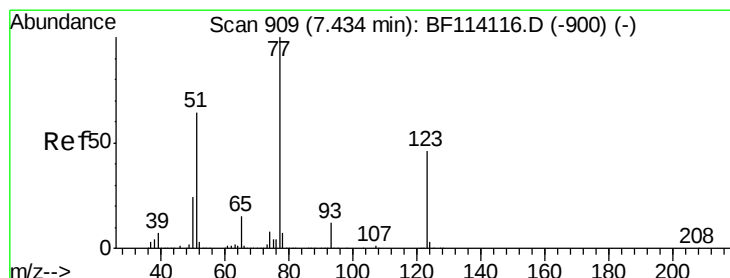
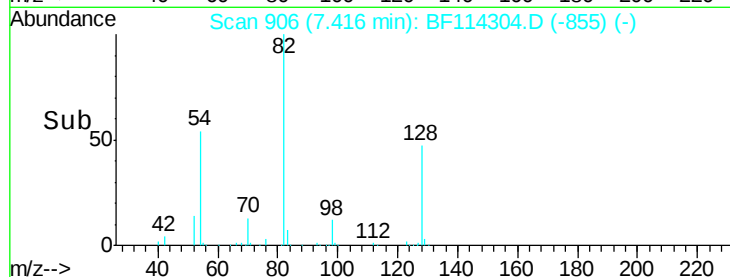
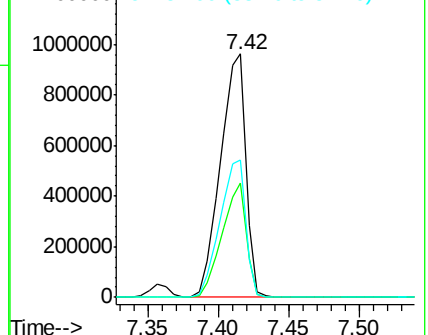
82 100

128 46.7 35.5 53.3

54 56.5 48.5 72.7



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: 36.186 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.00 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

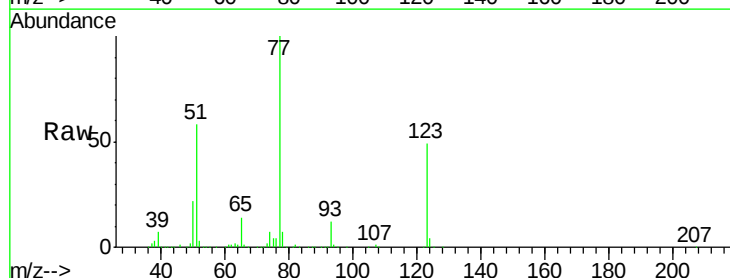
Tgt Ion: 77 Resp: 685327

Ion Ratio Lower Upper

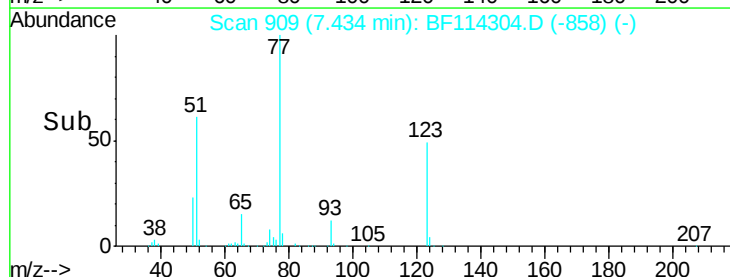
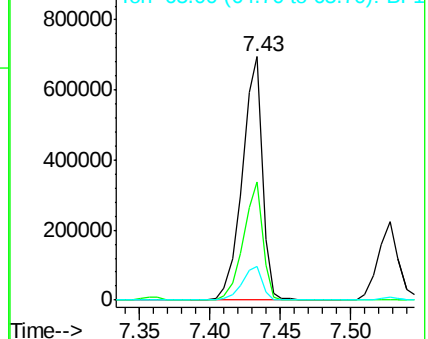
77 100

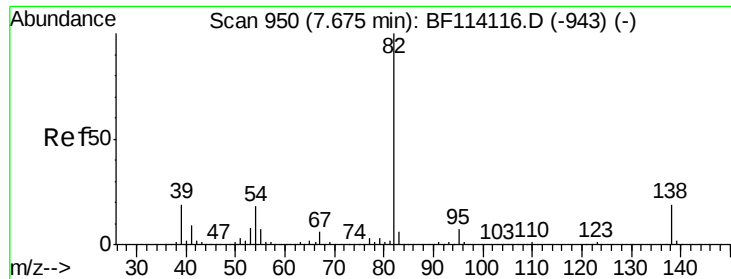
123 48.6 36.9 55.3

65 13.9 11.8 17.6



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: 35.648 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

Instrument :

BNA_F

ClientSampleId :

PB119768BS

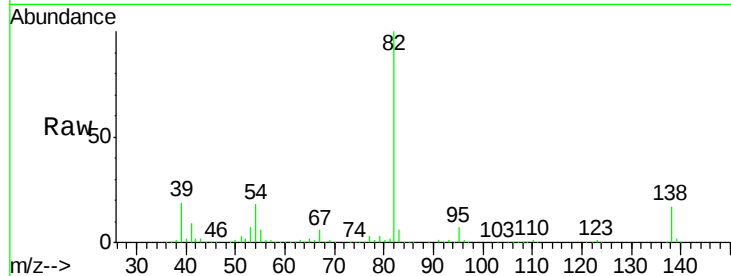
Tot Ion: 82 Resp: 1229360

Ion Ratio Lower Upper

82 100

95 6.5 5.6 8.4

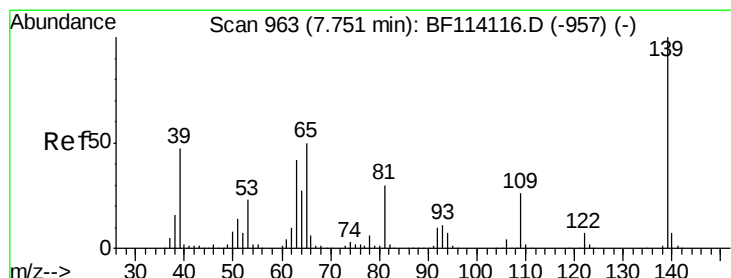
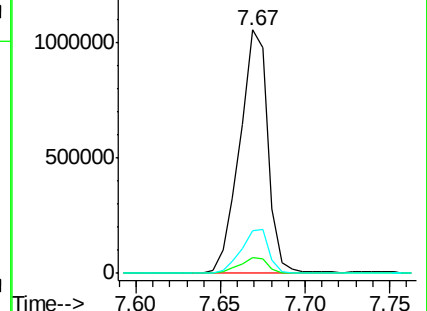
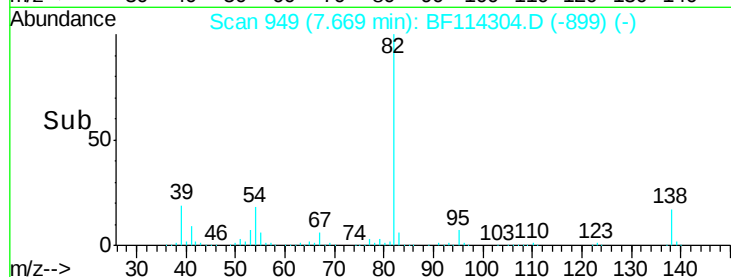
138 17.3 14.8 22.2



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: 38.163 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

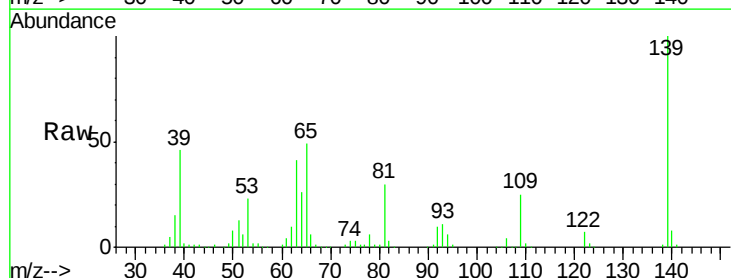
Tgt Ion: 139 Resp: 350659

Ion Ratio Lower Upper

139 100

109 24.8 20.7 31.1

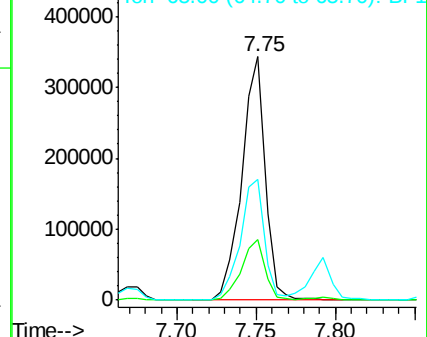
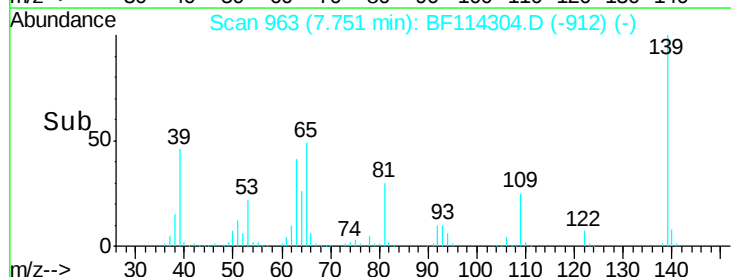
65 49.4 40.2 60.2

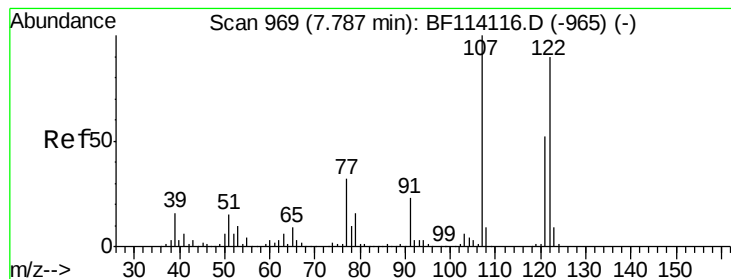


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 39.203 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

Instrument :

BNA_F

ClientSampleId :

PB119768BS

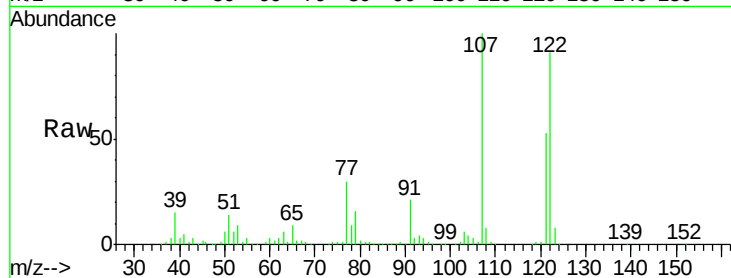
Tot Ion:122 Resp: 565746

Ion Ratio Lower Upper

122 100

107 110.3 88.4 132.6

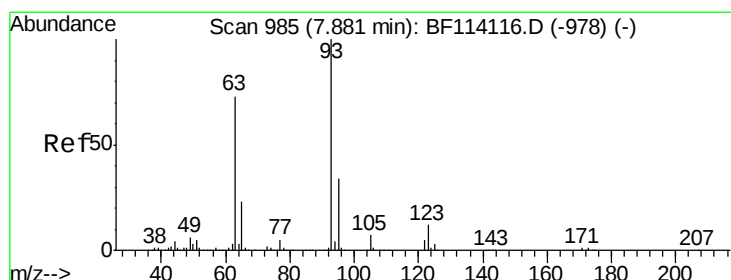
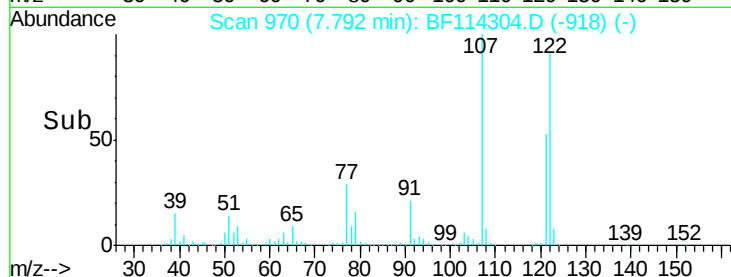
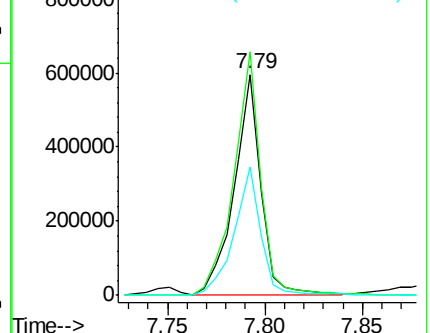
121 58.2 45.9 68.9



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: 35.554 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

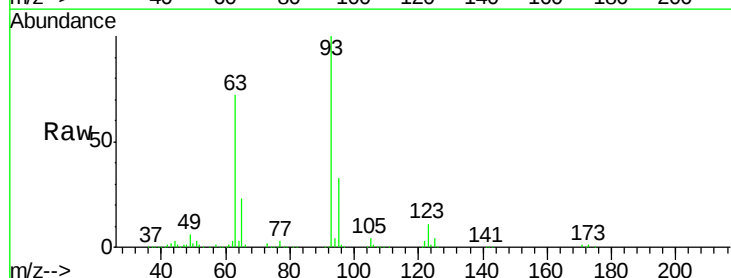
Tgt Ion: 93 Resp: 795545

Ion Ratio Lower Upper

93 100

95 32.6 26.8 40.2

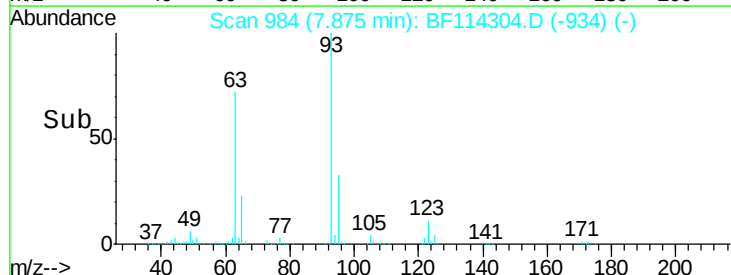
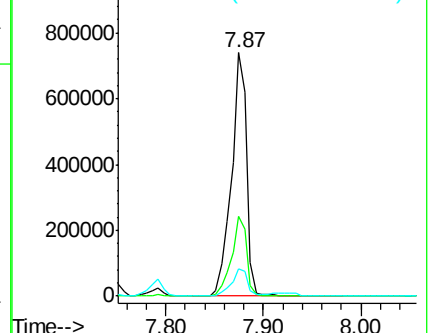
123 11.2 9.5 14.3



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

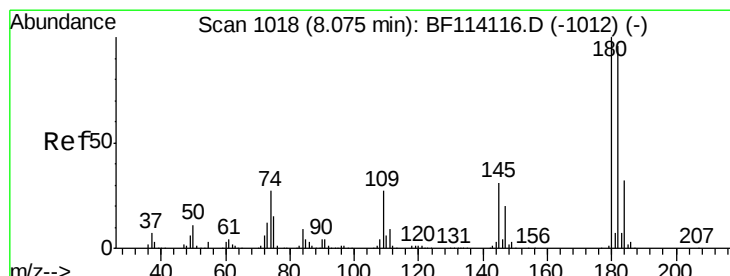
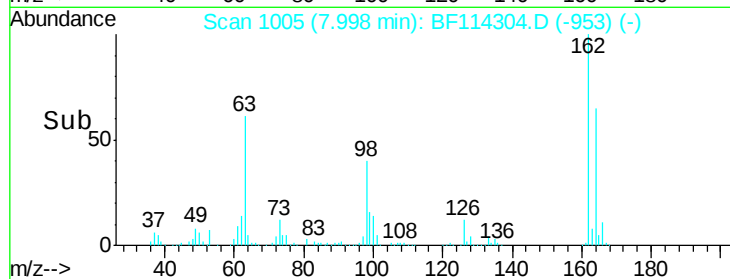
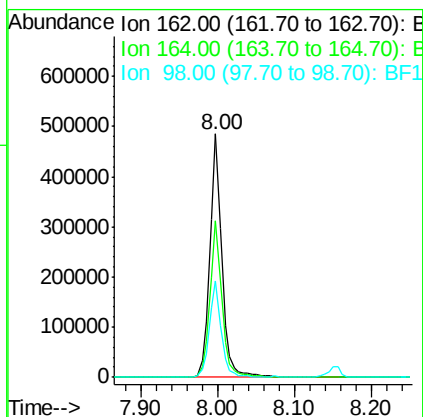
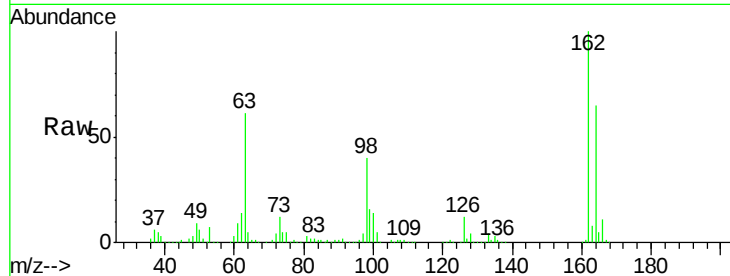




#29
2,4-Dichlorophenol
Concen: 36.058 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

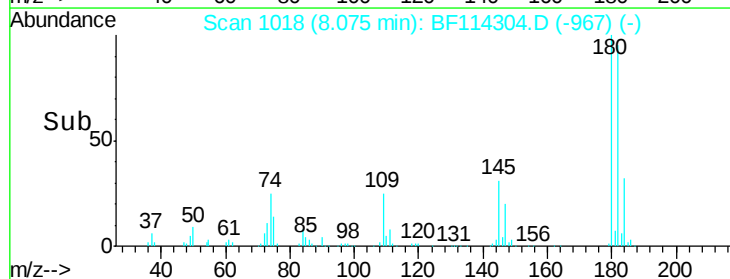
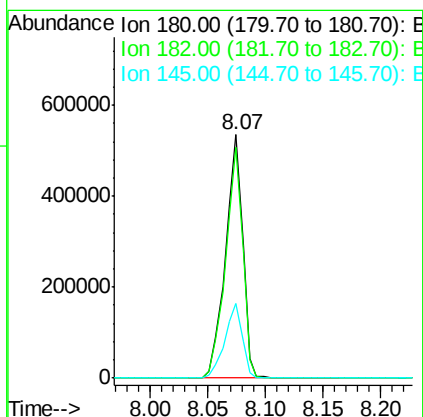
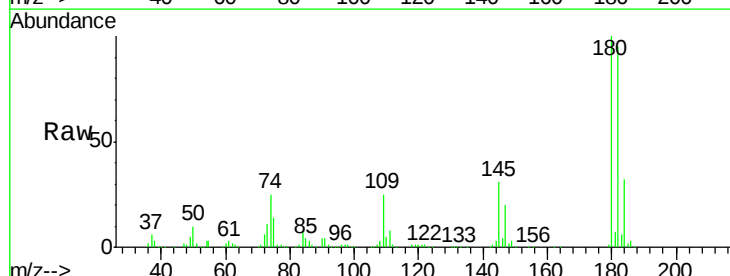
Instrument :
BNA_F
ClientSampleId :
PB119768BS

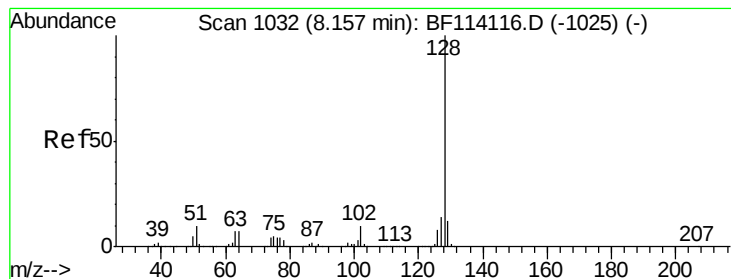
Tot Ion:162 Resp: 518159
Ion Ratio Lower Upper
162 100
164 64.6 43.6 83.6
98 39.8 20.6 60.6



#30
1,2,4-Trichlorobenzene
Concen: 33.904 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

Tgt Ion:180 Resp: 554006
Ion Ratio Lower Upper
180 100
182 94.8 76.6 114.8
145 30.5 25.1 37.7





#31

Naphthalene

Concen: 36.453 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

Instrument :

BNA_F

ClientSampleId :

PB119768BS

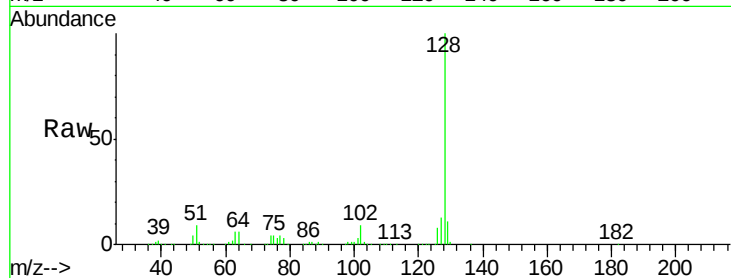
Tot Ion:128 Resp: 1776904

Ion Ratio Lower Upper

128 100

129 11.0 9.6 14.4

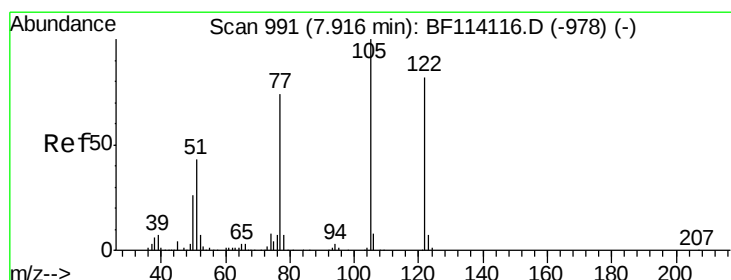
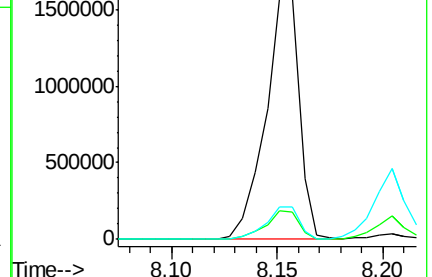
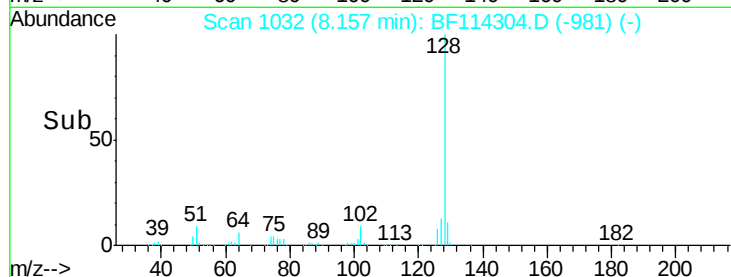
127 13.3 11.3 16.9



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: 32.655 ng

RT: 7.93 min Scan# 993

Delta R.T. 0.01 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

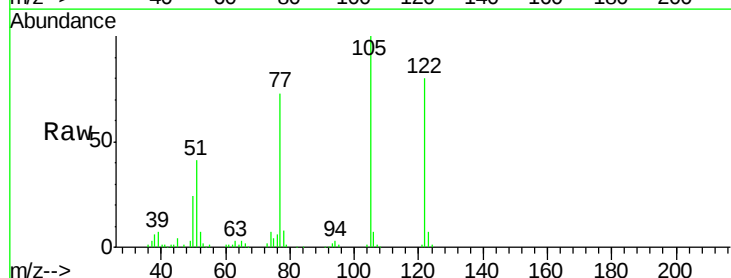
Tgt Ion:122 Resp: 308965

Ion Ratio Lower Upper

122 100

105 125.0 99.9 139.9

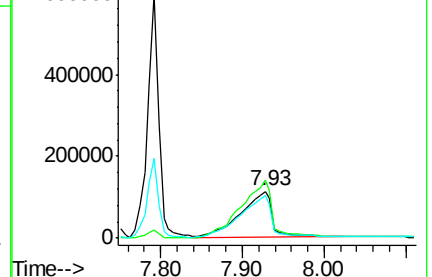
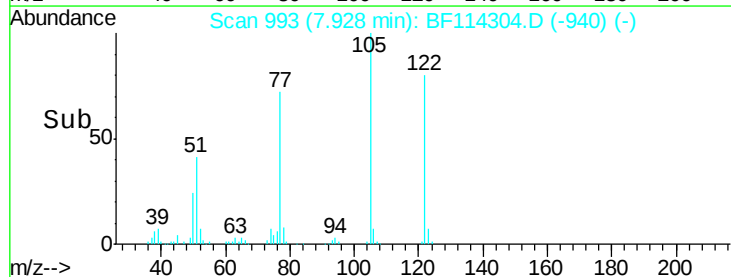
77 91.3 69.4 109.4



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

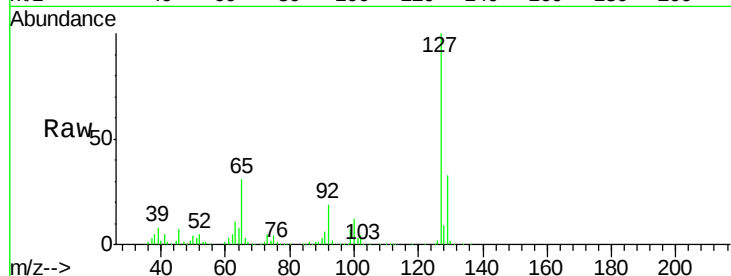




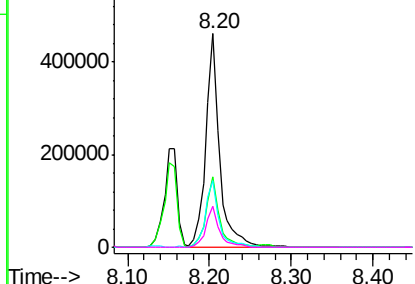
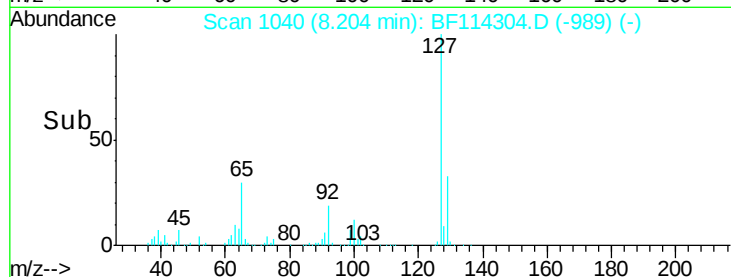
#33
4-Chloroaniline
Concen: 24.115 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

Instrument :
BNA_F
ClientSampleId :
PB119768BS

Tot Ion:	127	Resp:	535653
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.7	40.1
65	30.9	25.4	38.0
92	18.9	15.4	23.2

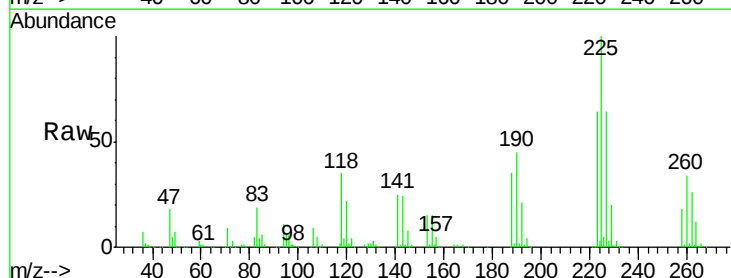


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

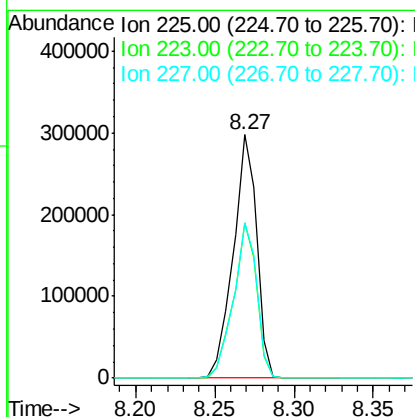
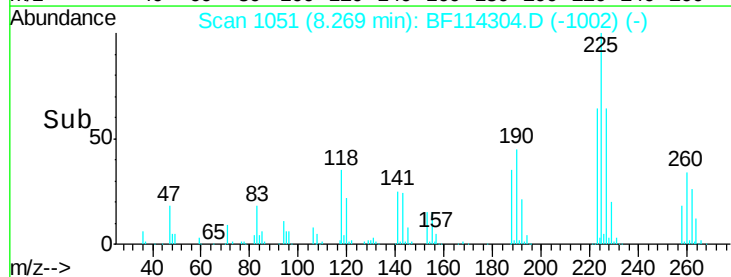


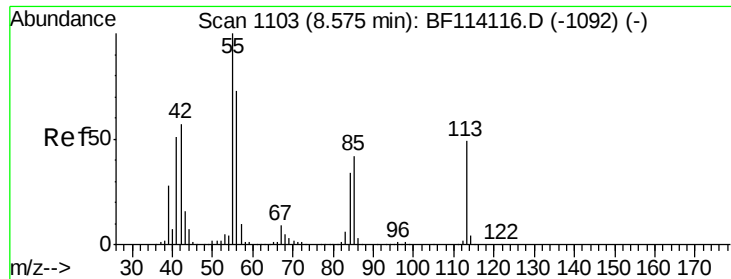
#34
Hexachlorobutadiene
Concen: 32.817 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

Tgt Ion:	225	Resp:	305123
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.2	75.2
227	63.9	52.6	79.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 19.624 ng

RT: 8.57 min Scan# 1103

Delta R.T. -0.00 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

Instrument :

BNA_F

ClientSampleId :

PB119768BS

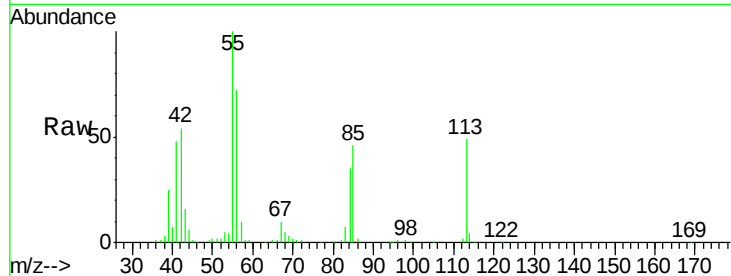
Tot Ion:113 Resp: 91951

Ion Ratio Lower Upper

113 100

55 202.3 183.5 223.5

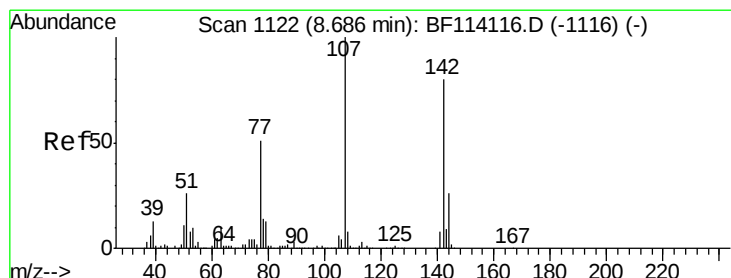
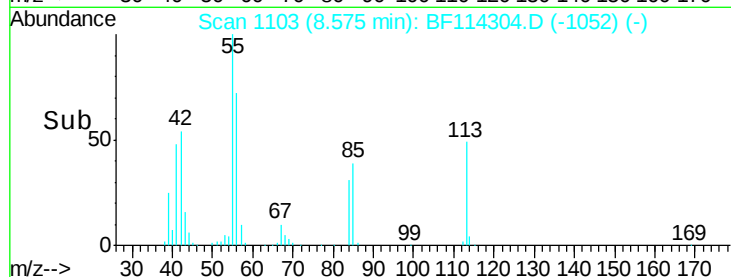
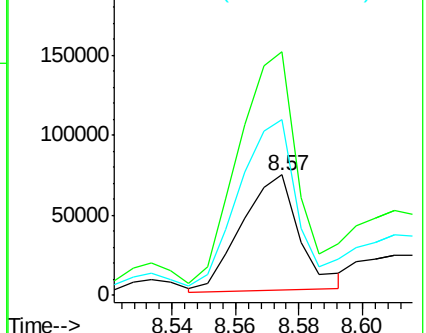
56 146.3 128.8 168.8



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: 38.361 ng

RT: 8.70 min Scan# 1124

Delta R.T. 0.01 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

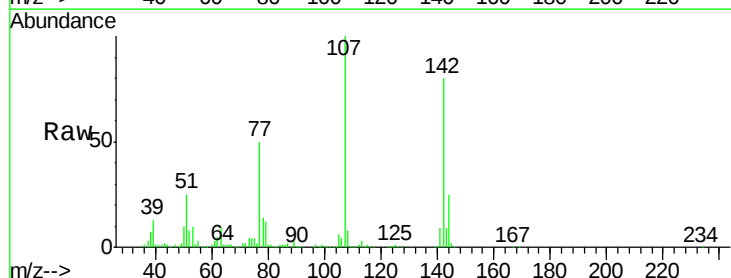
Tgt Ion:107 Resp: 554878

Ion Ratio Lower Upper

107 100

144 25.5 20.4 30.6

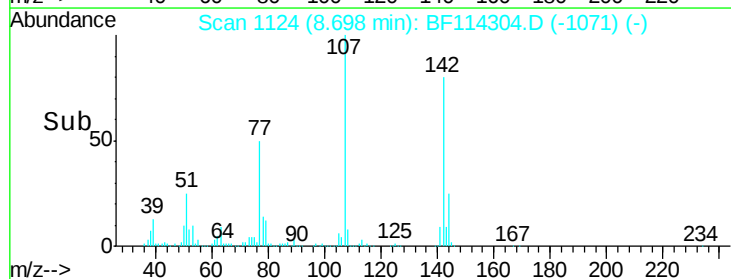
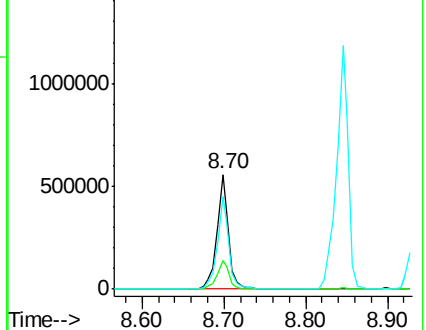
142 80.3 64.2 96.4

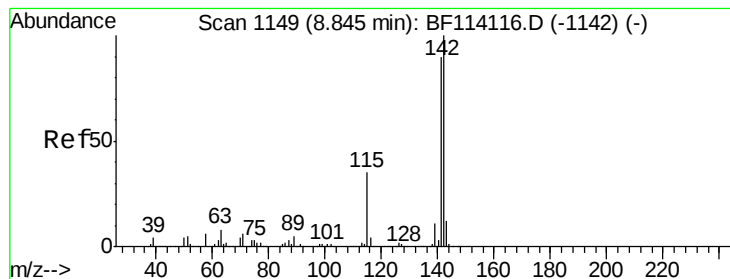


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.106 ng

RT: 8.85 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

Instrument :

BNA_F

ClientSampleId :

PB119768BS

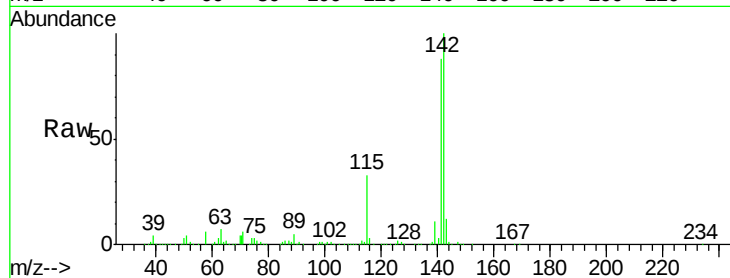
Tot Ion:142 Resp: 1198428

Ion Ratio Lower Upper

142 100

141 88.0 72.1 108.1

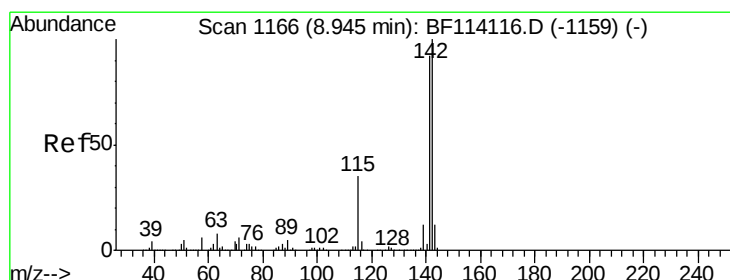
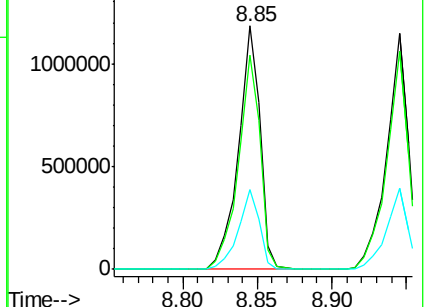
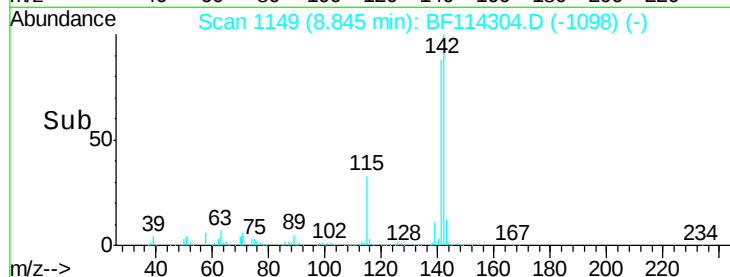
115 33.0 28.0 42.0



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: 37.716 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

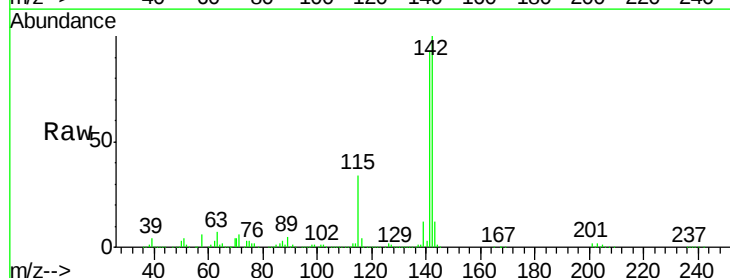
Tgt Ion:142 Resp: 1117046

Ion Ratio Lower Upper

142 100

141 92.6 73.4 110.0

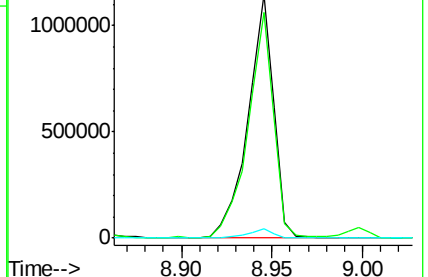
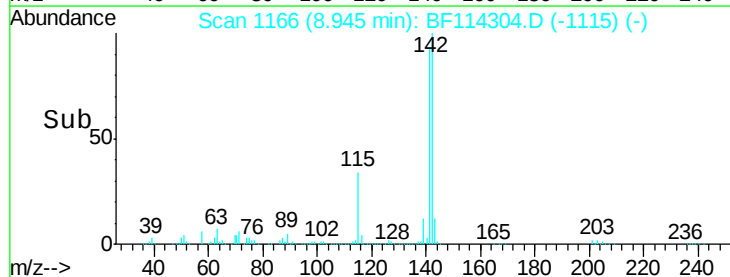
116 3.7 3.1 4.7

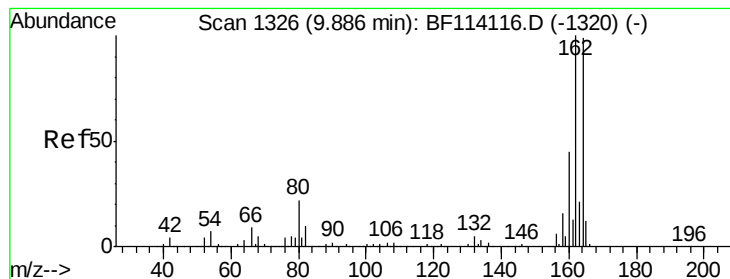


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.89 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

Instrument :

BNA_F

ClientSampleId :

PB119768BS

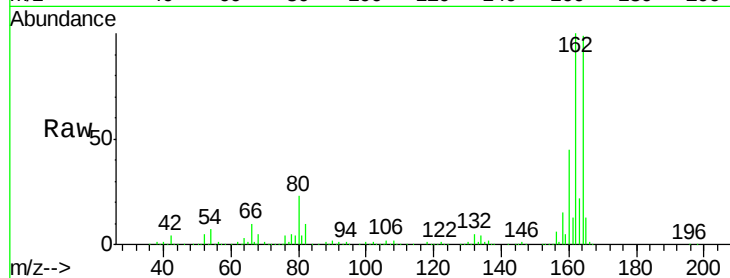
Tot Ion:164 Resp: 494017

Ion Ratio Lower Upper

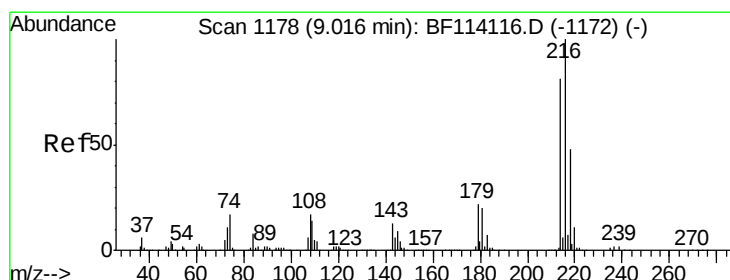
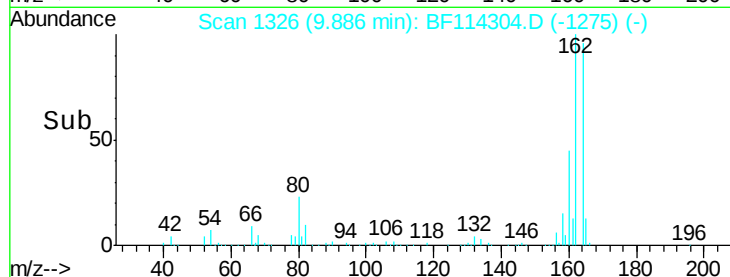
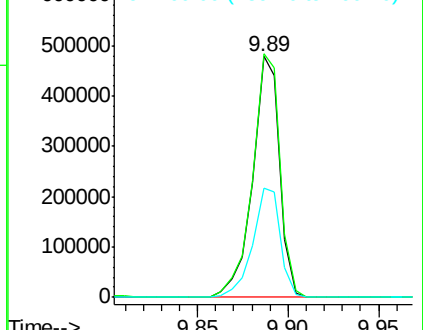
164 100

162 101.2 80.6 120.8

160 45.5 36.5 54.7



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: 35.285 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

Tgt Ion:216 Resp: 528041

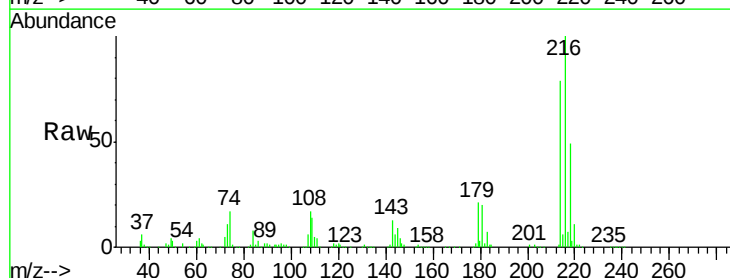
Ion Ratio Lower Upper

216 100

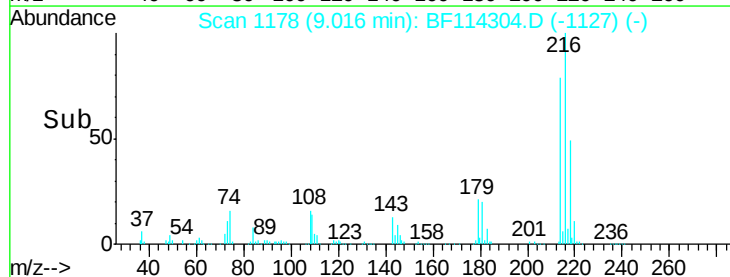
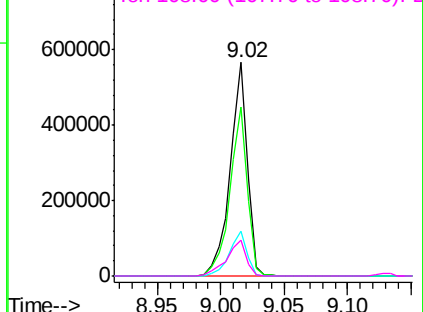
214 79.6 63.9 95.9

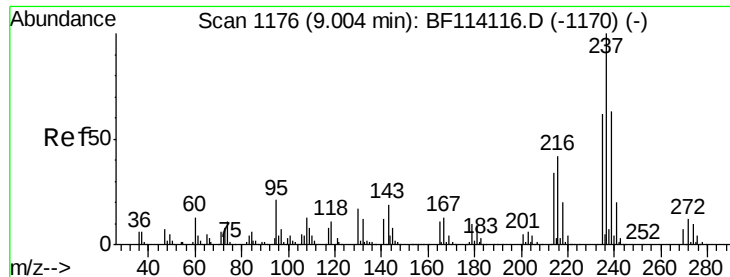
179 21.4 17.0 25.6

108 19.8 14.8 22.2



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: 48.979 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

Instrument :

BNA_F

ClientSampleId :

PB119768BS

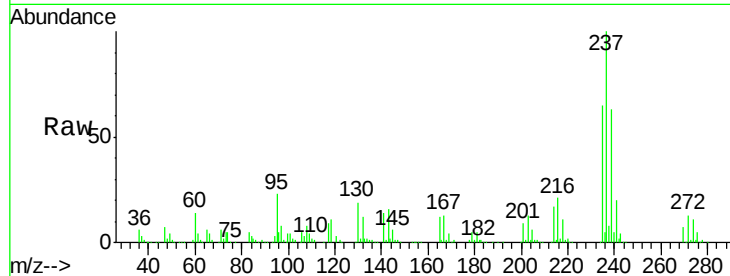
Tot Ion:237 Resp: 329118

Ion Ratio Lower Upper

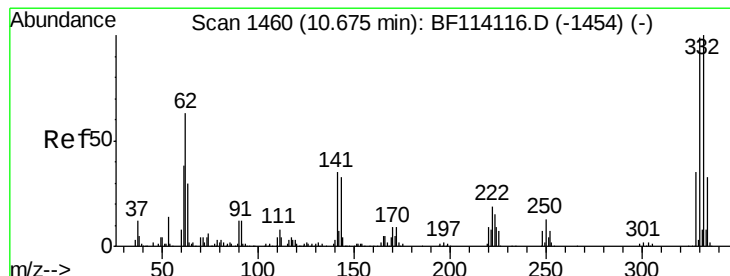
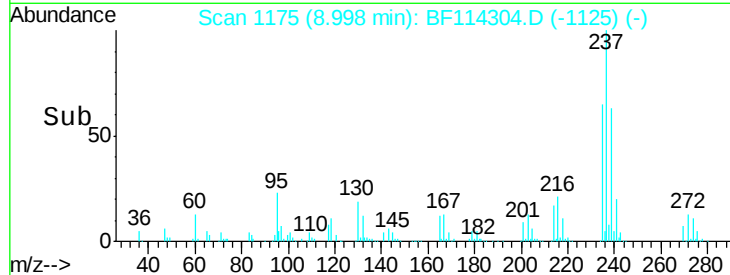
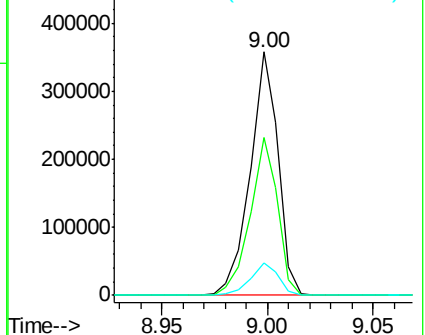
237 100

235 64.7 42.0 82.0

272 13.4 0.0 32.4



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: 103.275 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.01 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

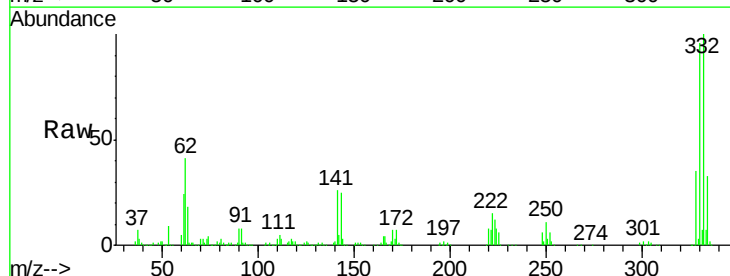
Tgt Ion:330 Resp: 527455

Ion Ratio Lower Upper

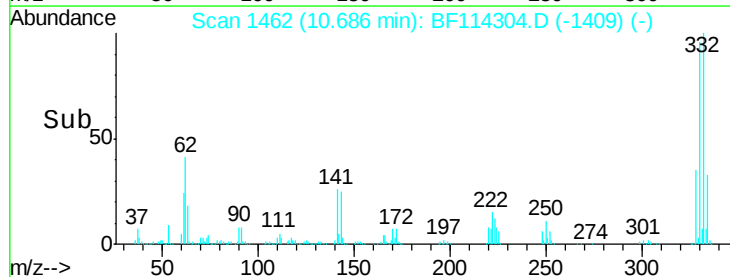
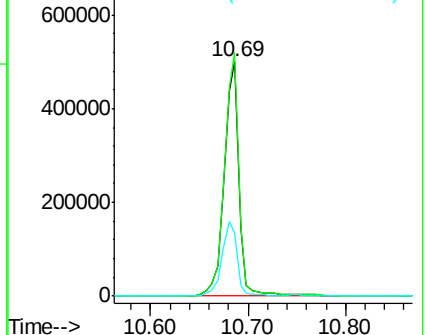
330 100

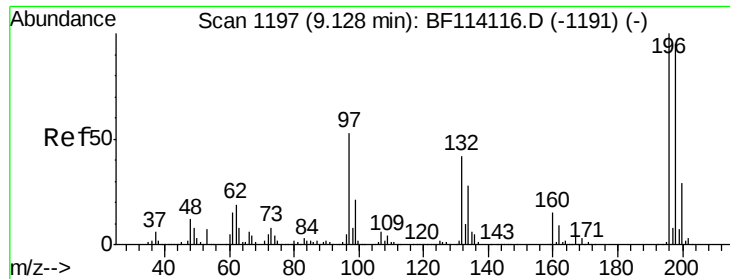
332 103.0 81.4 122.2

141 32.8 26.6 40.0



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

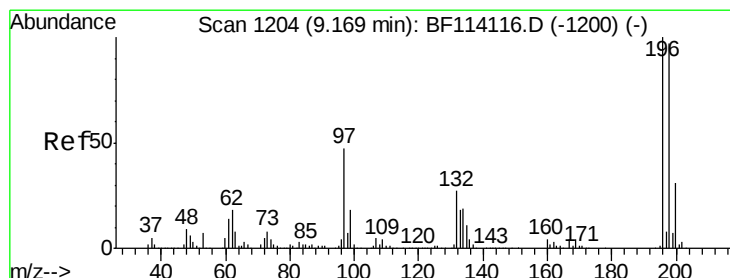
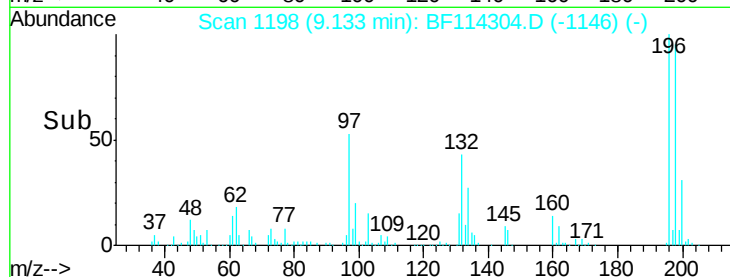
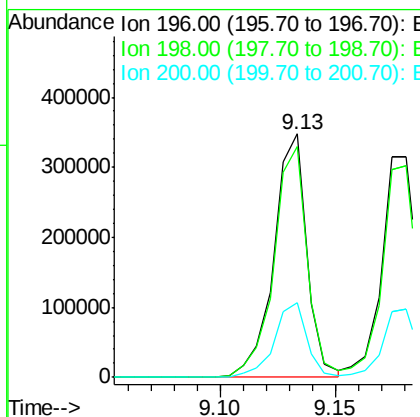
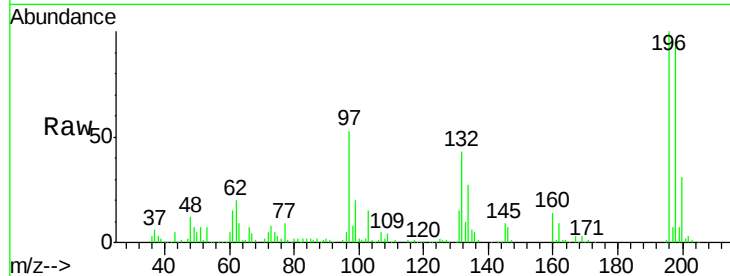




#43
 2,4,6-Trichlorophenol
 Concen: 33.536 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF114304.D
 Acq: 16 May 2019 13:02

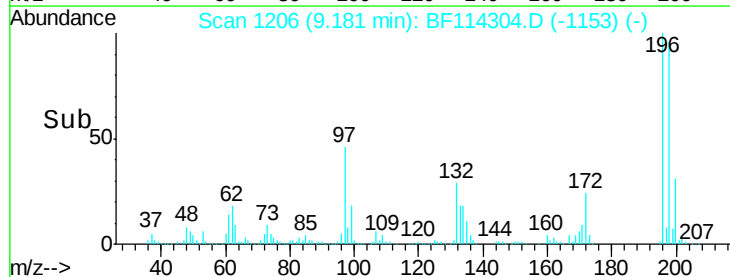
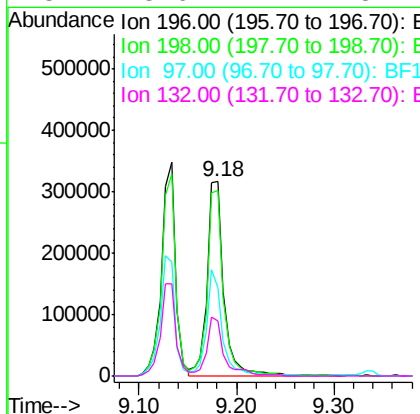
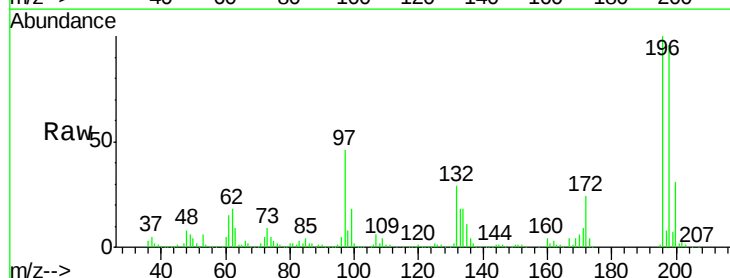
Instrument :
 BNA_F
 ClientSampleId :
 PB119768BS

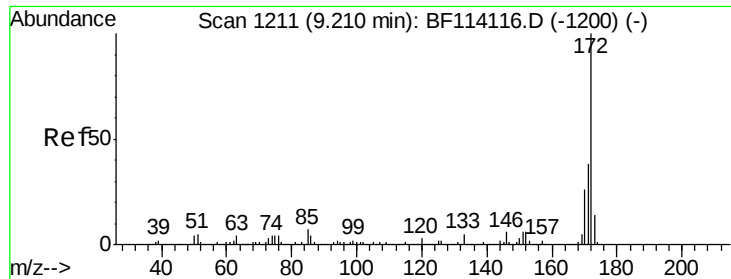
Tot Ion:196 Resp: 345193
 Ion Ratio Lower Upper
 196 100
 198 94.8 75.9 113.9
 200 30.8 23.5 35.3



#44
 2,4,5-Trichlorophenol
 Concen: 35.304 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF114304.D
 Acq: 16 May 2019 13:02

Tgt Ion:196 Resp: 372672
 Ion Ratio Lower Upper
 196 100
 198 95.7 77.7 116.5
 97 45.8 38.2 57.2
 132 28.6 21.4 32.2

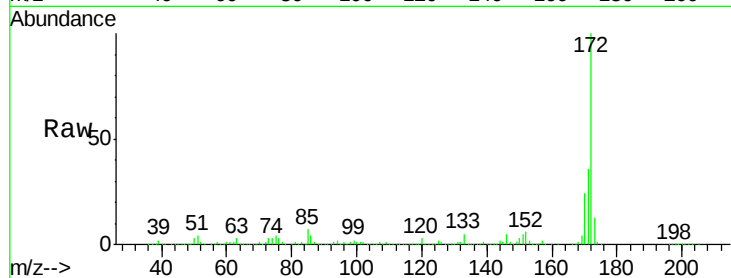




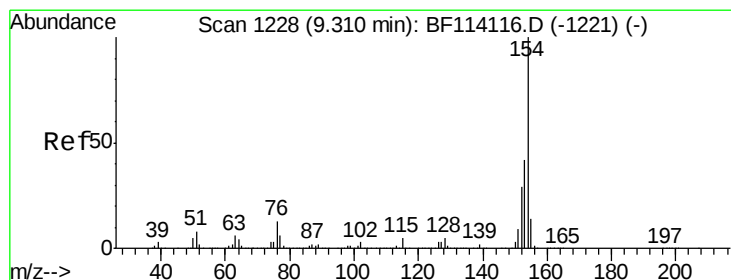
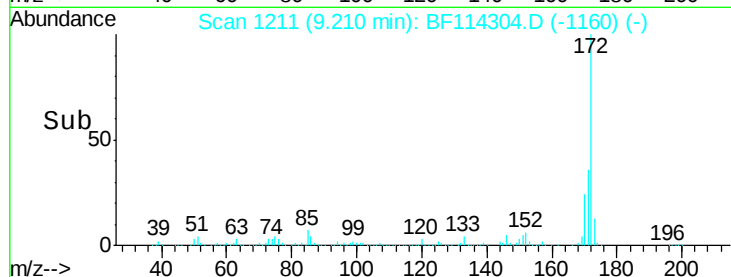
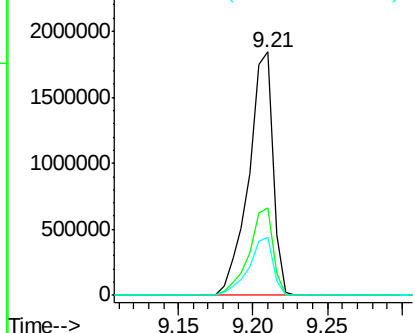
#45
 2-Fluorobiphenyl
 Concen: 63.613 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF114304.D
 Acq: 16 May 2019 13:02

Instrument :
 BNA_F
 ClientSampleId :
 PB119768BS

Tot Ion:172 Resp: 2077531
 Ion Ratio Lower Upper
 172 100
 171 36.0 30.7 46.1
 170 24.0 20.5 30.7

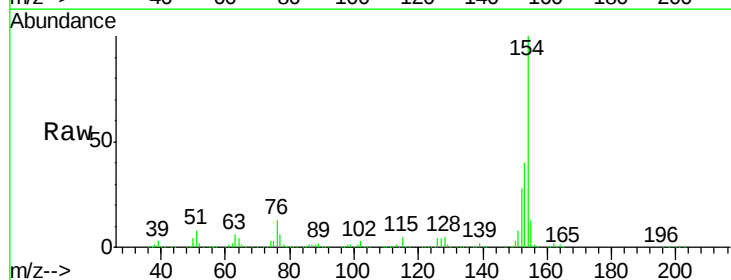


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

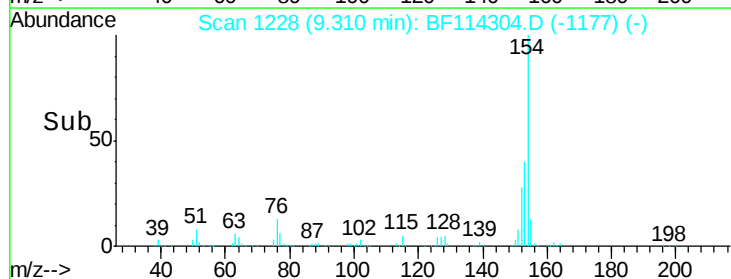
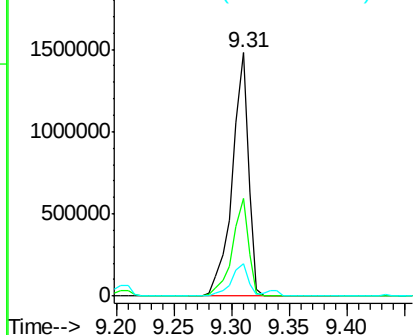


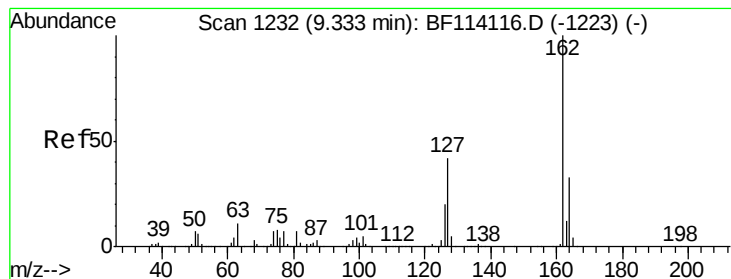
#46
 1,1'-Biphenyl
 Concen: 36.135 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: BF114304.D
 Acq: 16 May 2019 13:02

Tgt Ion:154 Resp: 1442134
 Ion Ratio Lower Upper
 154 100
 153 39.9 21.9 61.9
 76 13.2 0.0 32.8



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: 34.345 ng

RT: 9.34 min Scan# 1233

Delta R.T. 0.01 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

Instrument :

BNA_F

ClientSampleId :

PB119768BS

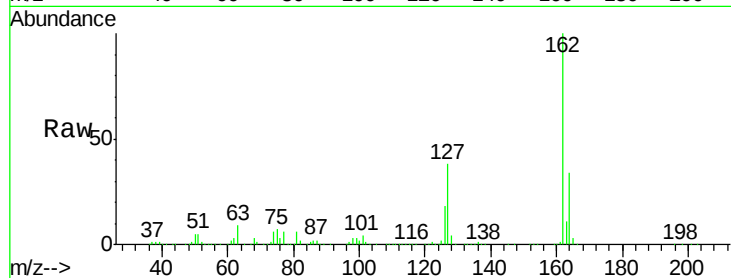
Tot Ion:162 Resp: 1103128

Ion Ratio Lower Upper

162 100

127 38.1 34.0 51.0

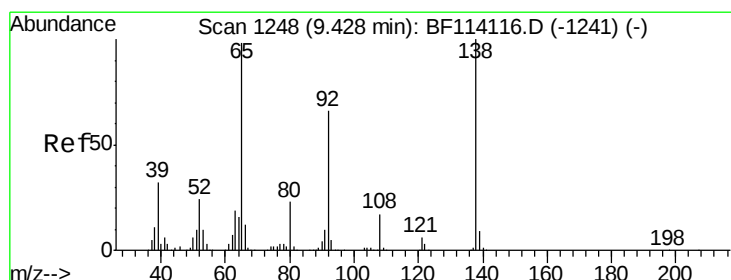
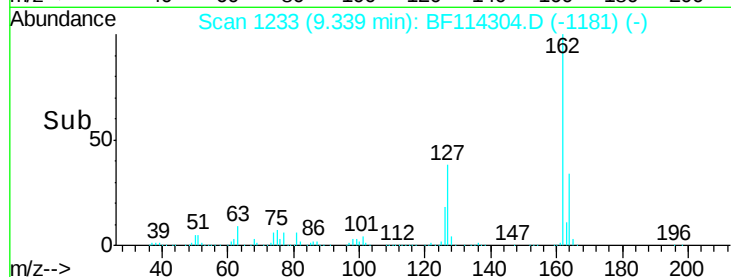
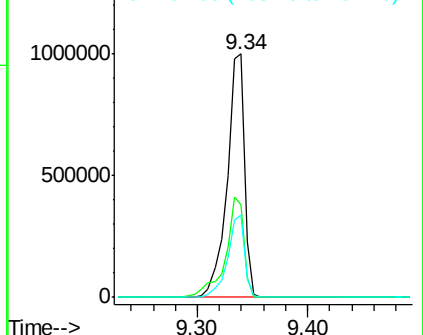
164 34.1 26.7 40.1



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: 33.989 ng

RT: 9.43 min Scan# 1249

Delta R.T. 0.01 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

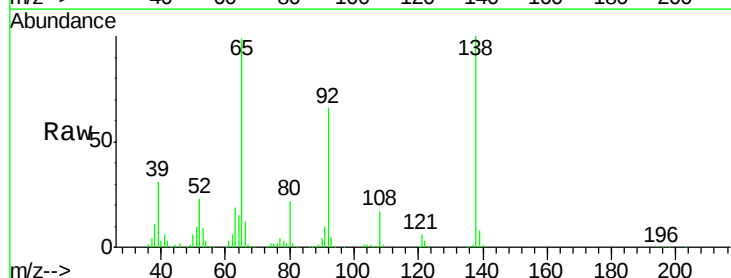
Tgt Ion: 65 Resp: 387173

Ion Ratio Lower Upper

65 100

92 66.7 53.9 80.9

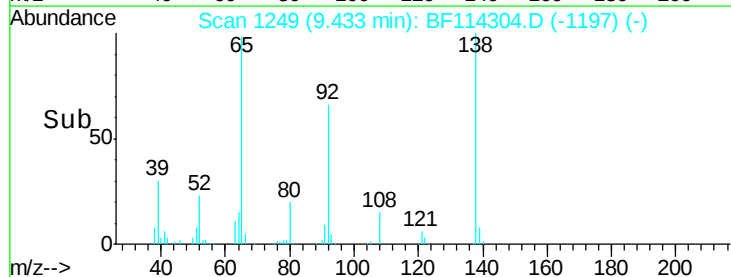
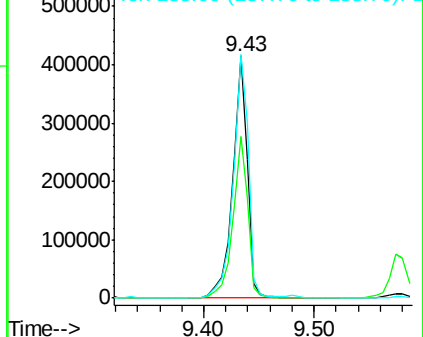
138 100.6 81.4 122.0

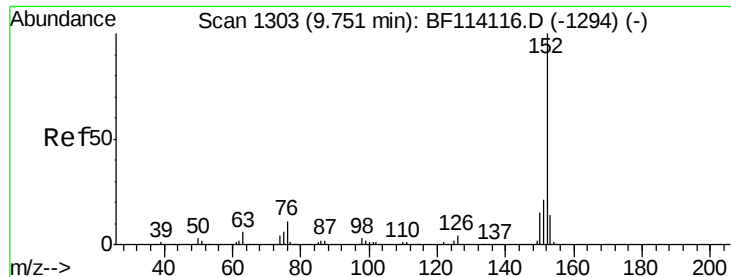


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 35.944 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

Instrument :

BNA_F

ClientSampleId :

PB119768BS

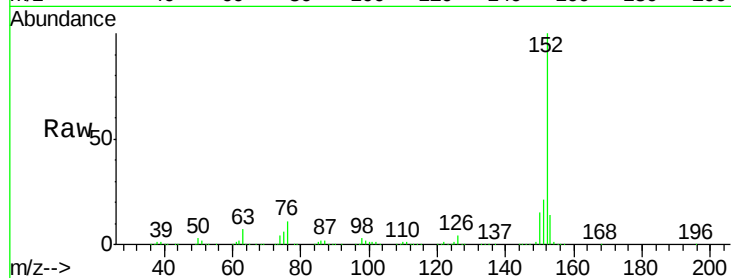
Tot Ion:152 Resp: 1755896

Ion Ratio Lower Upper

152 100

151 20.9 16.8 25.2

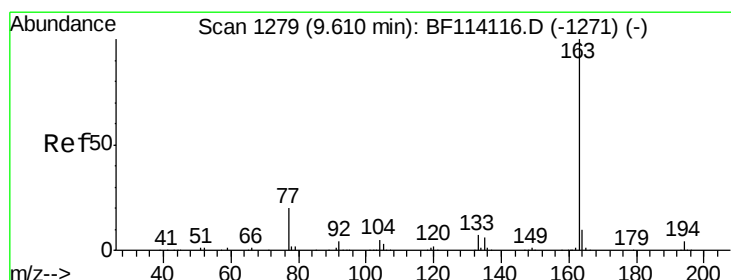
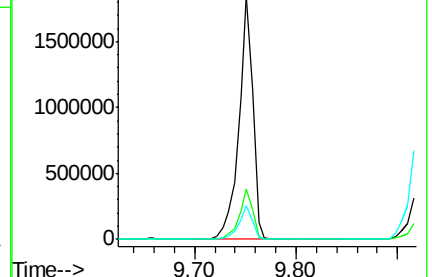
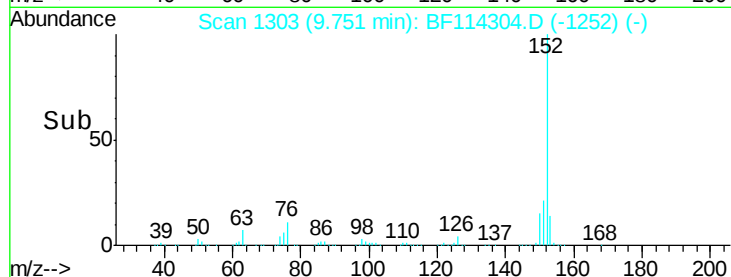
153 13.9 11.4 17.2



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: 34.733 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

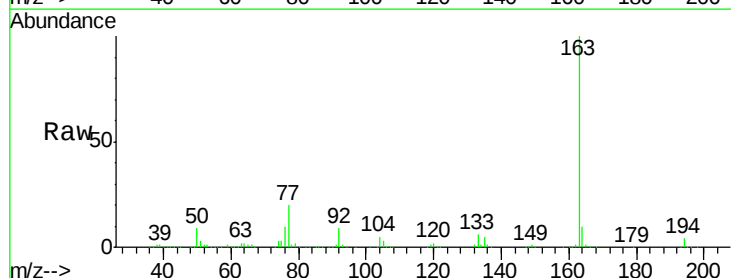
Tgt Ion:163 Resp: 1259610

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

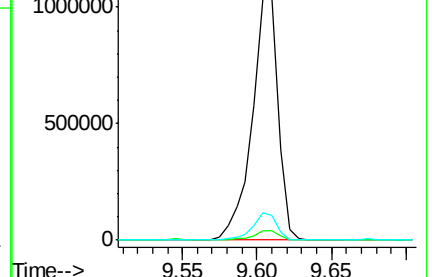
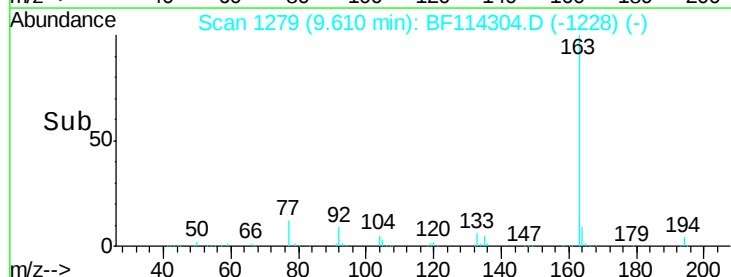
164 10.2 8.2 12.2

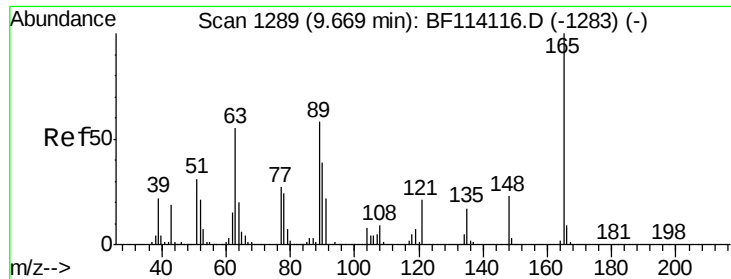


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

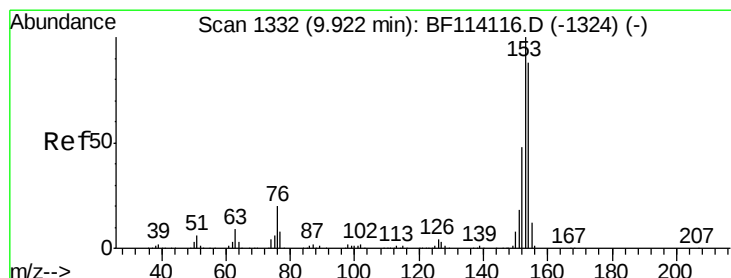
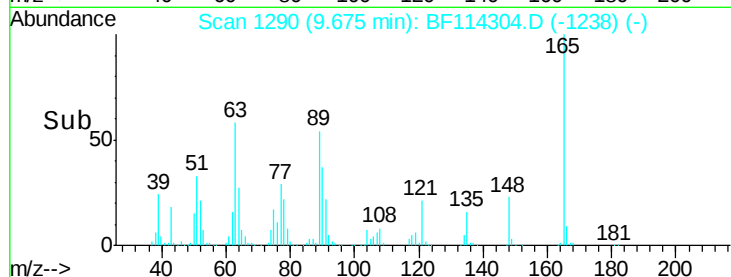
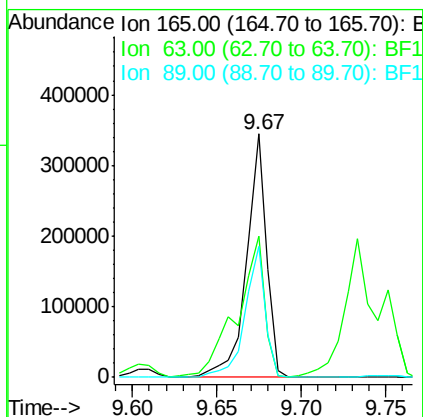
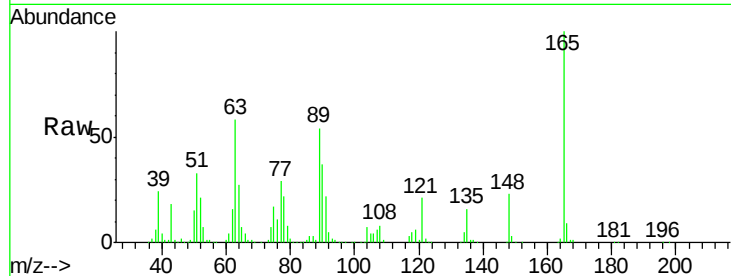




#51
 2,6-Dinitrotoluene
 Concen: 35.608 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. 0.01 min
 Lab File: BF114304.D
 Acq: 16 May 2019 13:02

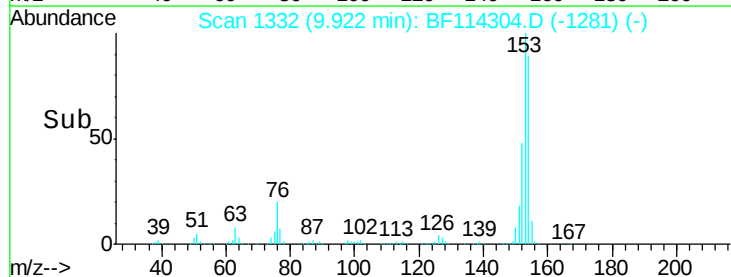
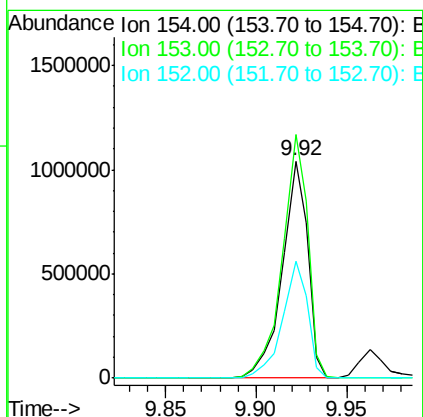
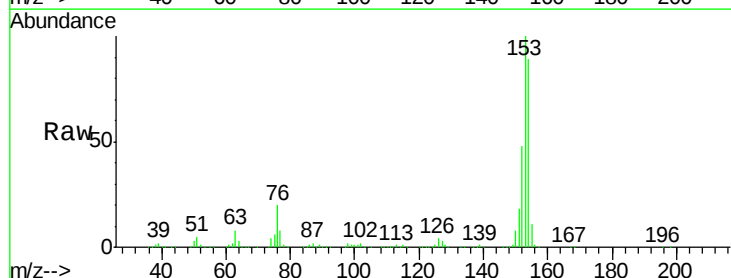
Instrument :
 BNA_F
 ClientSampleId :
 PB119768BS

Tot Ion:165 Resp: 286422
 Ion Ratio Lower Upper
 165 100
 63 57.8 50.2 75.4
 89 54.0 46.6 69.8



#52
 Acenaphthene
 Concen: 34.058 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.00 min
 Lab File: BF114304.D
 Acq: 16 May 2019 13:02

Tgt Ion:154 Resp: 1020951
 Ion Ratio Lower Upper
 154 100
 153 112.3 90.5 135.7
 152 53.8 43.4 65.2

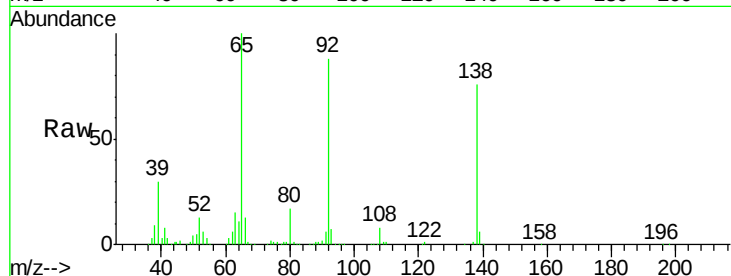




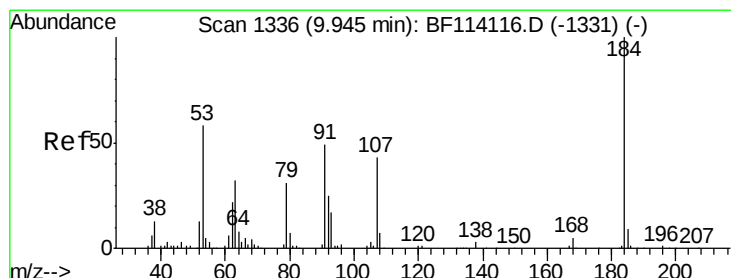
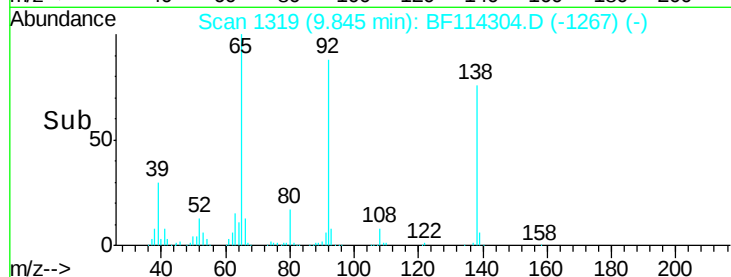
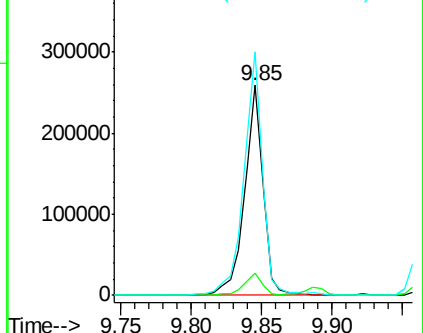
#53
3-Nitroaniline
Concen: 23.704 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

Instrument :
BNA_F
ClientSampleId :
PB119768BS

Tot Ion:138 Resp: 236684
Ion Ratio Lower Upper
138 100
108 10.3 7.8 11.6
92 116.0 91.2 136.8

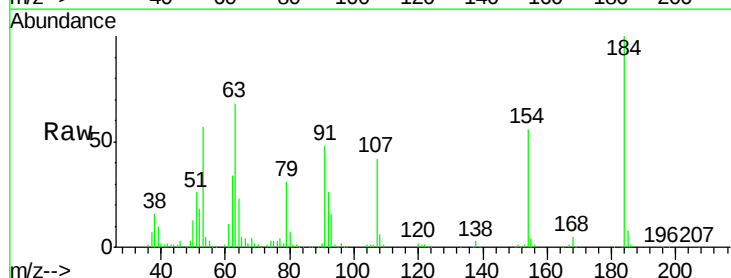


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

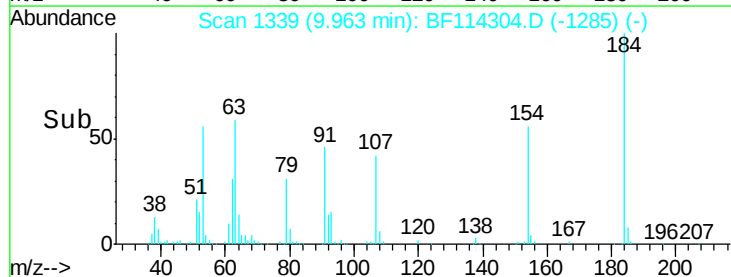
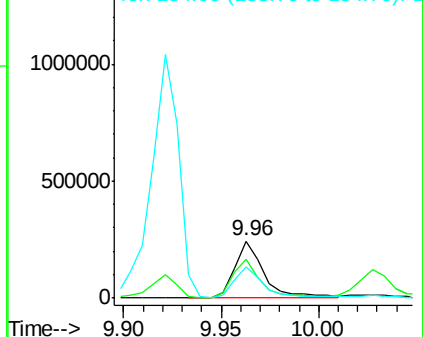


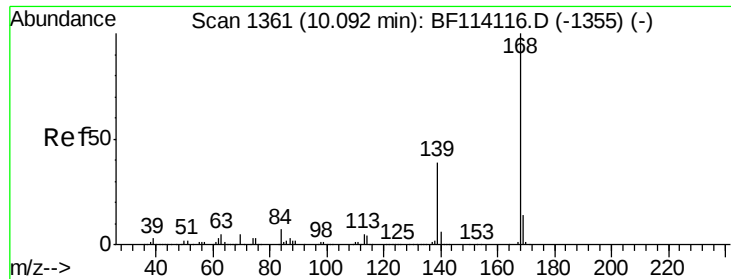
#54
2,4-Dinitrophenol
Concen: 64.473 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.02 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

Tgt Ion:184 Resp: 254989
Ion Ratio Lower Upper
184 100
63 68.1 55.6 83.4
154 55.6 46.0 69.0



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

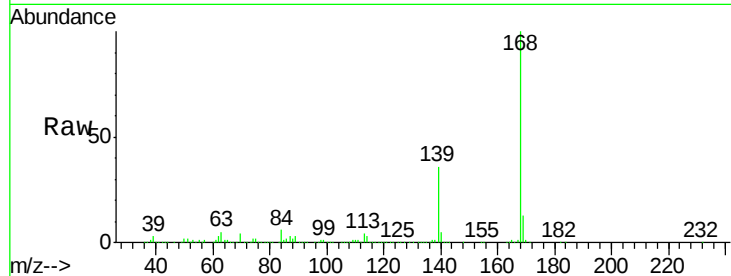




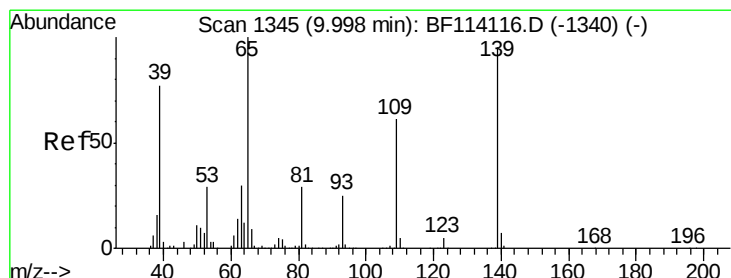
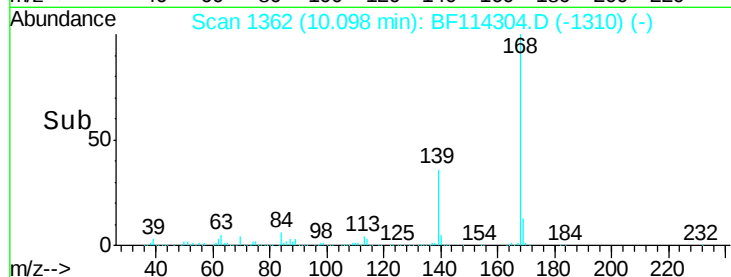
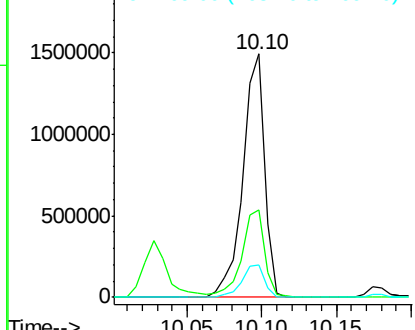
#55
Dibenzofuran
Concen: 34.242 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.01 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

Instrument :
BNA_F
ClientSampleId :
PB119768BS

Tot Ion:168 Resp: 1505186
Ion Ratio Lower Upper
168 100
139 36.1 31.1 46.7
169 13.5 11.4 17.0

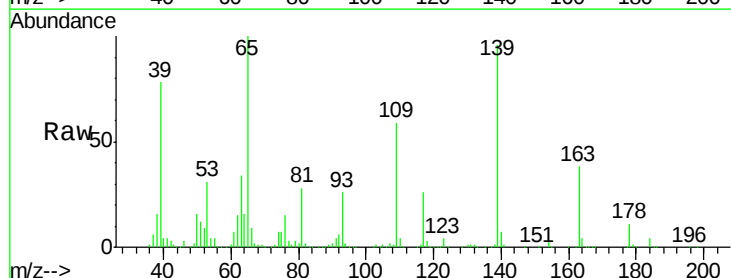


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

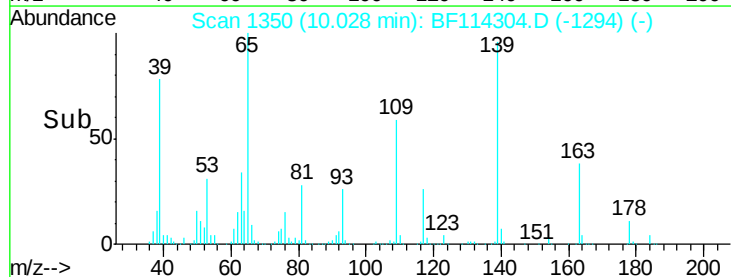
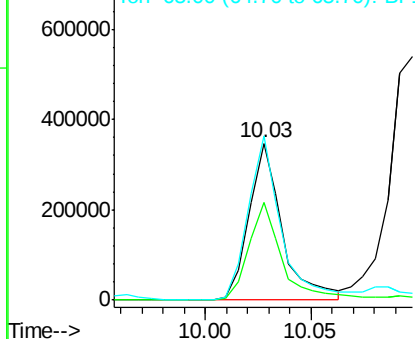


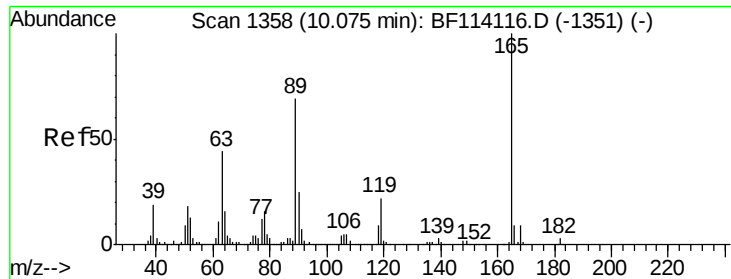
#56
4-Nitrophenol
Concen: 54.021 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.03 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

Tgt Ion:139 Resp: 381456
Ion Ratio Lower Upper
139 100
109 61.9 43.9 83.9
65 104.5 85.7 125.7



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

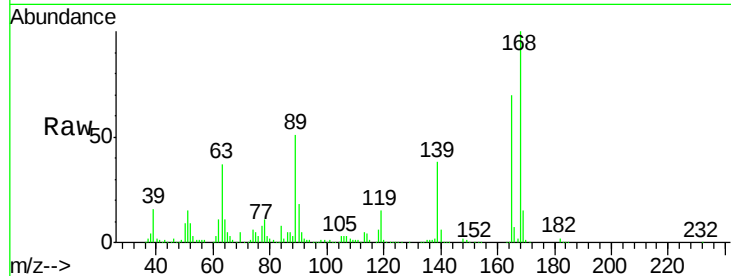




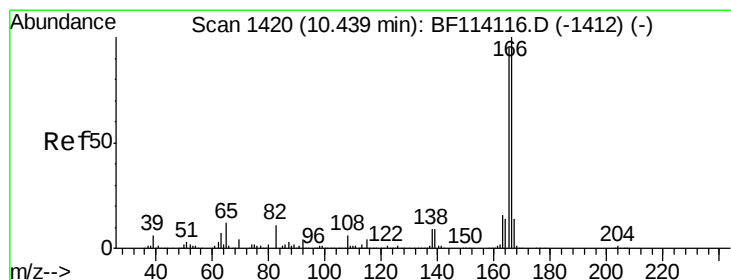
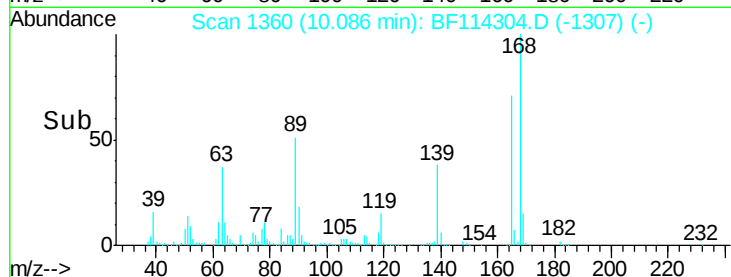
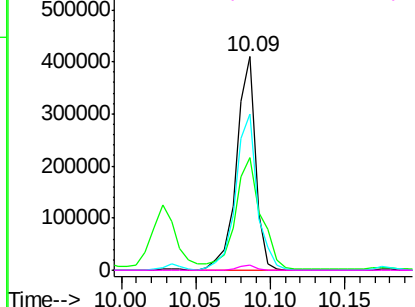
#57
 2,4-Dinitrotoluene
 Concen: 33.913 ng
 RT: 10.09 min Scan# 1360
 Delta R.T. 0.01 min
 Lab File: BF114304.D
 Acq: 16 May 2019 13:02

Instrument :
 BNA_F
 ClientSampleId :
 PB119768BS

Tot Ion:165 Resp: 370244
 Ion Ratio Lower Upper
 165 100
 63 53.0 35.5 53.3
 89 72.9 55.2 82.8
 182 2.6 2.2 3.2

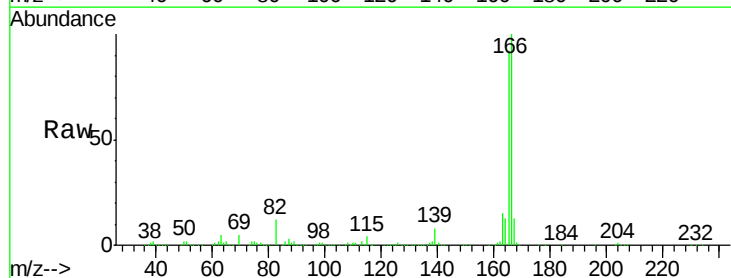


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

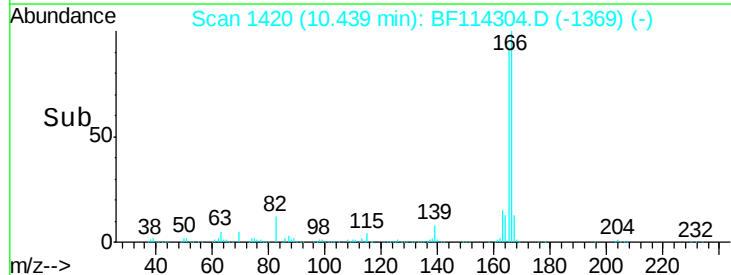
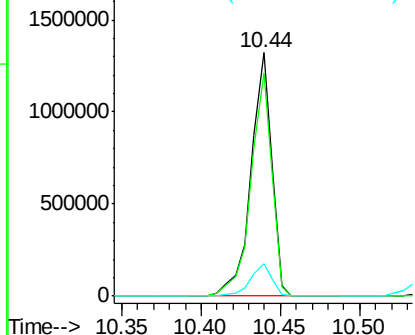


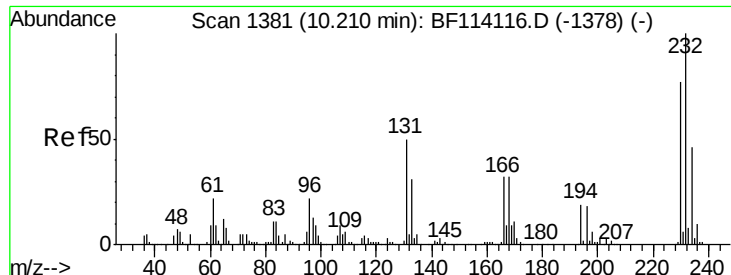
#58
 Fluorene
 Concen: 35.142 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.00 min
 Lab File: BF114304.D
 Acq: 16 May 2019 13:02

Tgt Ion:166 Resp: 1193174
 Ion Ratio Lower Upper
 166 100
 165 91.8 76.1 114.1
 167 13.4 11.1 16.7



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

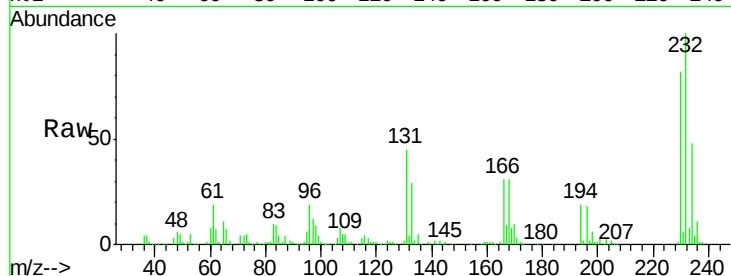




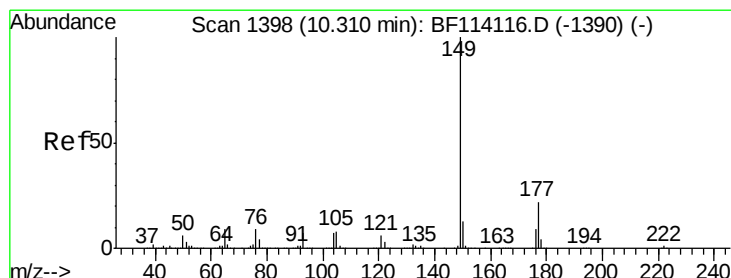
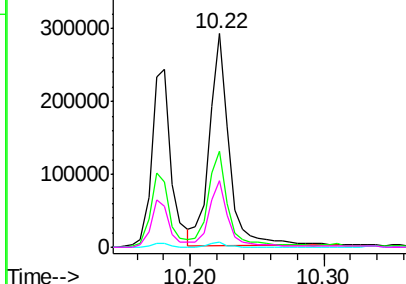
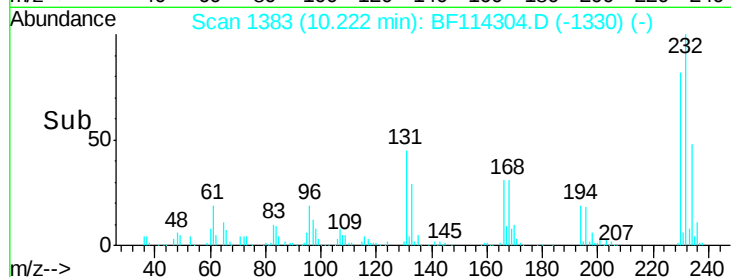
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 32.948 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. 0.01 min
 Lab File: BF114304.D
 Acq: 16 May 2019 13:02

Instrument :
 BNA_F
 ClientSampleId :
 PB119768BS

Tot Ion:232 Resp: 300105
 Ion Ratio Lower Upper
 232 100
 131 44.8 35.6 53.4
 130 2.1 1.6 2.4
 166 30.1 24.1 36.1

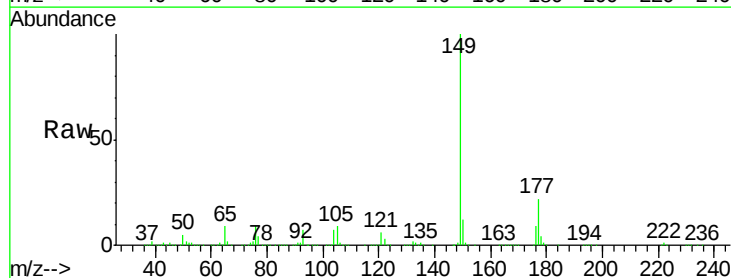


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

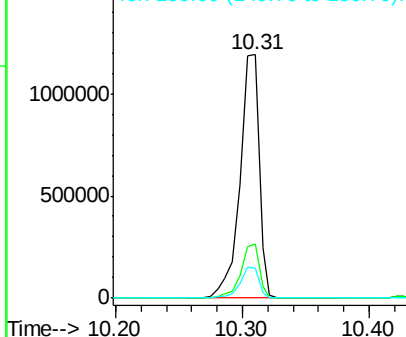
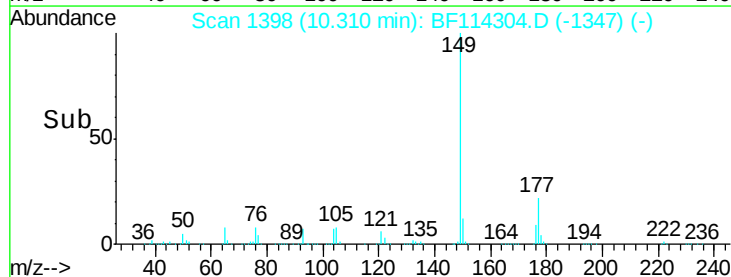


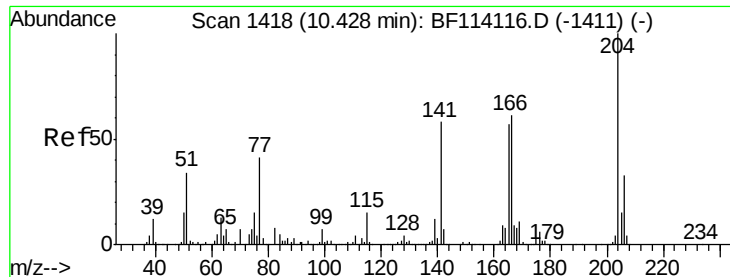
#60
 Diethylphthalate
 Concen: 33.837 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.00 min
 Lab File: BF114304.D
 Acq: 16 May 2019 13:02

Tgt Ion:149 Resp: 1246842
 Ion Ratio Lower Upper
 149 100
 177 22.5 17.8 26.6
 150 12.2 10.2 15.2



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

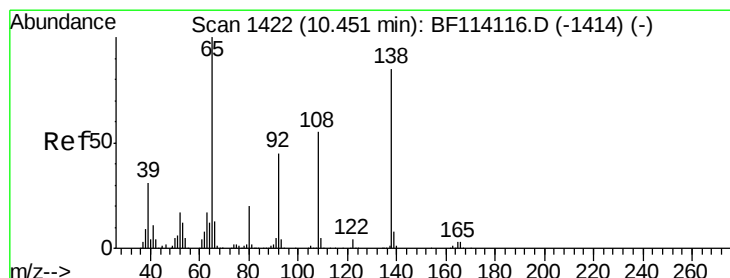
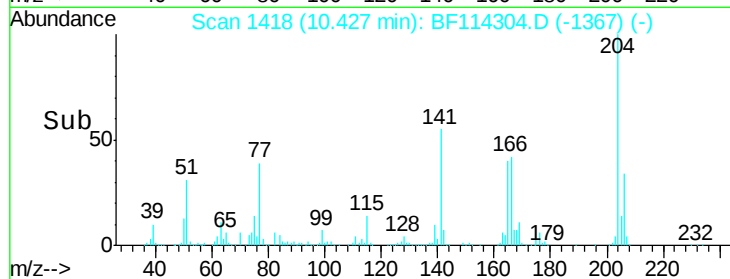
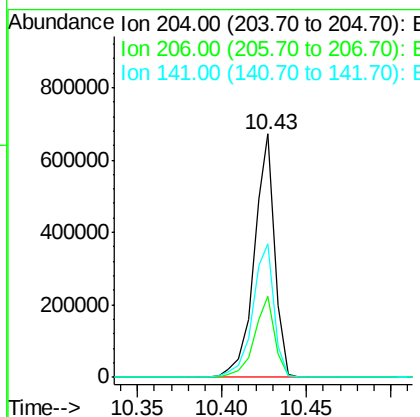
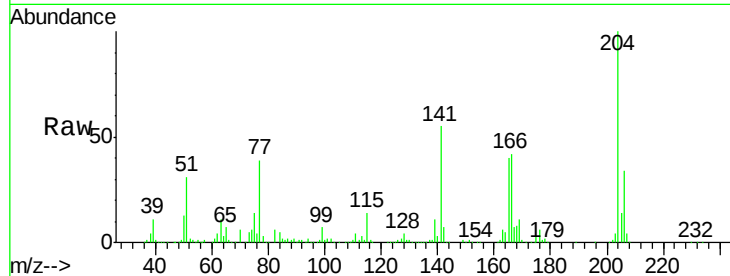




#61
4-Chlorophenyl-phenylether
Concen: 34.223 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

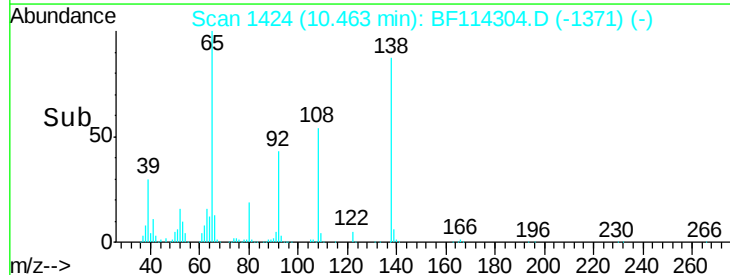
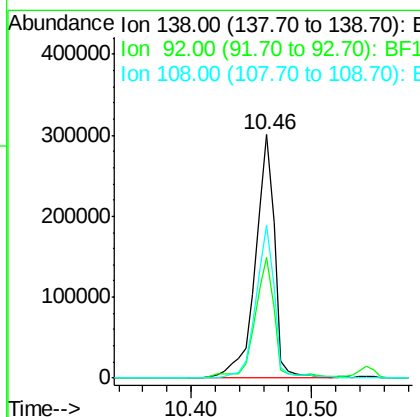
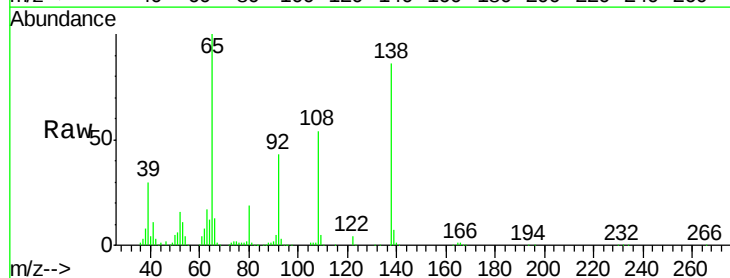
Instrument :
BNA_F
ClientSampleId :
PB119768BS

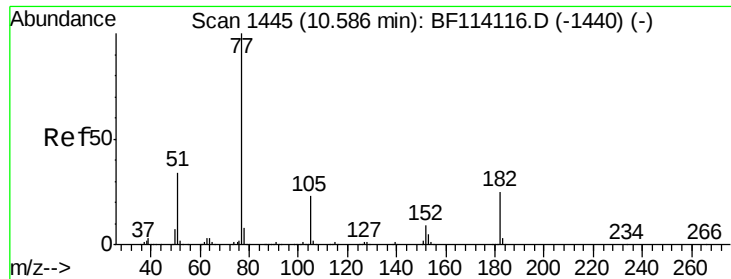
Tot Ion:204 Resp: 570699
Ion Ratio Lower Upper
204 100
206 33.5 26.6 39.8
141 55.0 46.4 69.6



#62
4-Nitroaniline
Concen: 32.029 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

Tgt Ion:138 Resp: 336057
Ion Ratio Lower Upper
138 100
92 49.6 33.0 73.0
108 62.6 44.9 84.9





#63

Azobenzene

Concen: 35.041 ng

RT: 10.59 min Scan# 1445

Delta R.T. -0.00 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

Instrument :

BNA_F

ClientSampleId :

PB119768BS

Tot Ion: 77 Resp: 1249794

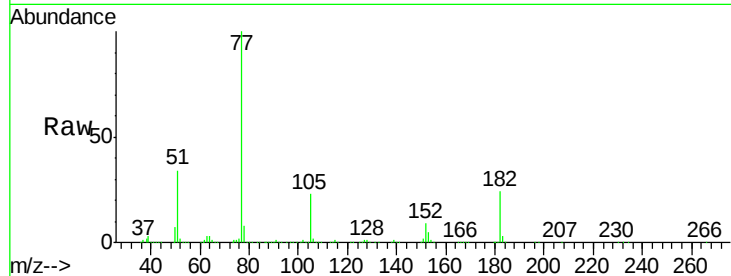
Ion	Ratio	Lower	Upper
77	100		
182	24.3	4.7	44.7
105	23.1	2.9	42.9
51	34.1	14.6	54.6

77 100

182 24.3 4.7 44.7

105 23.1 2.9 42.9

51 34.1 14.6 54.6

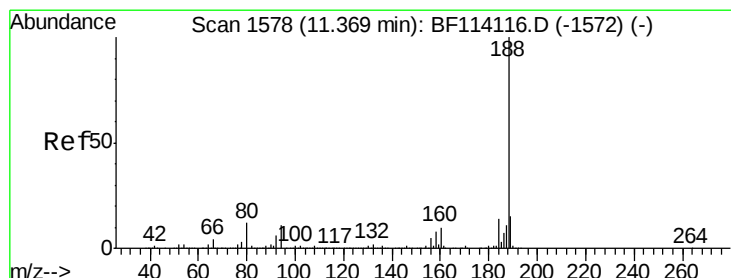
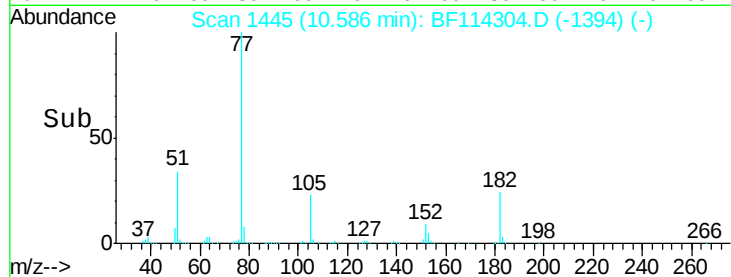
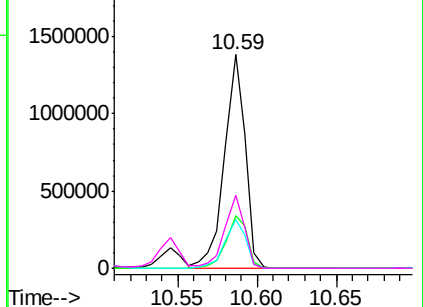


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1579

Delta R.T. 0.01 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

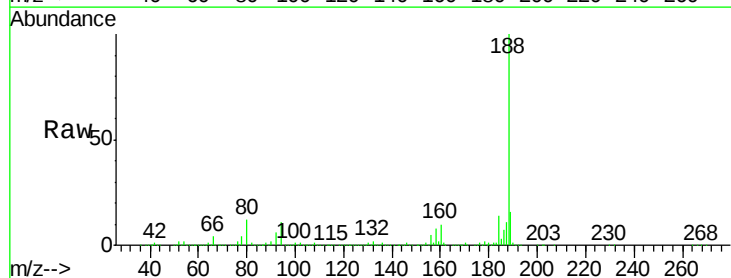
Tgt Ion: 188 Resp: 978926

Ion	Ratio	Lower	Upper
188	100		
94	11.4	8.4	12.6
80	12.0	9.2	13.8

188 100

94 11.4 8.4 12.6

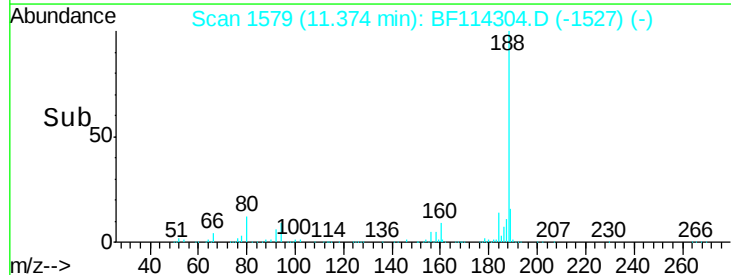
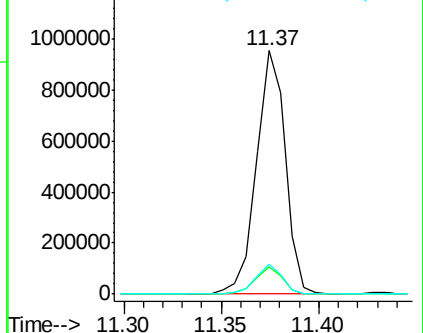
80 12.0 9.2 13.8

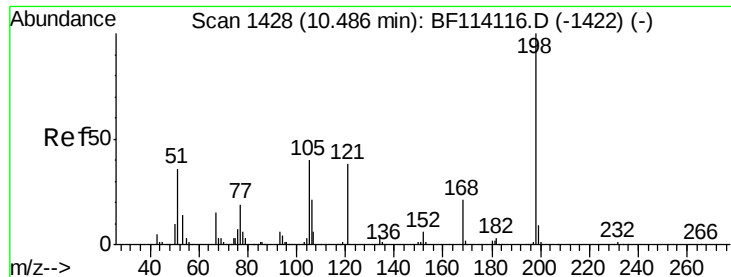


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 35.291 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.01 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

Instrument :

BNA_F

ClientSampleId :

PB119768BS

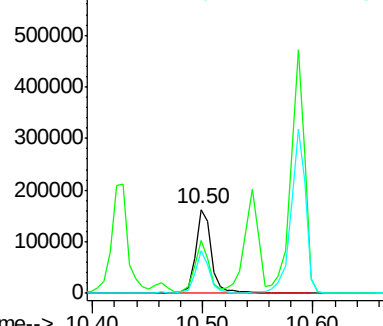
Tot Ion:198 Resp: 166004

Ion	Ratio	Lower	Upper
198	100		
51	62.6	28.0	68.0
105	51.5	21.1	61.1

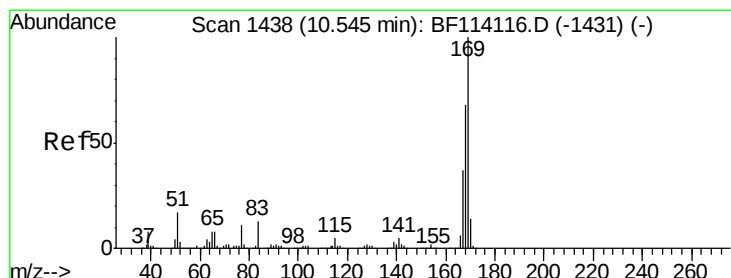
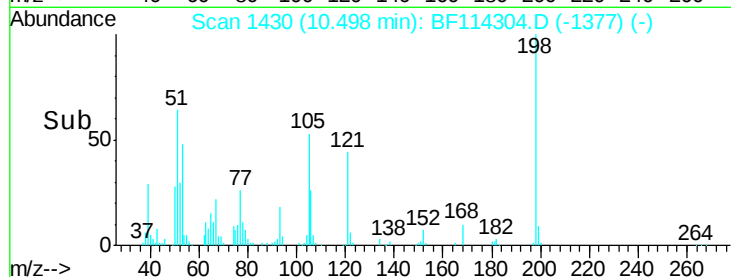
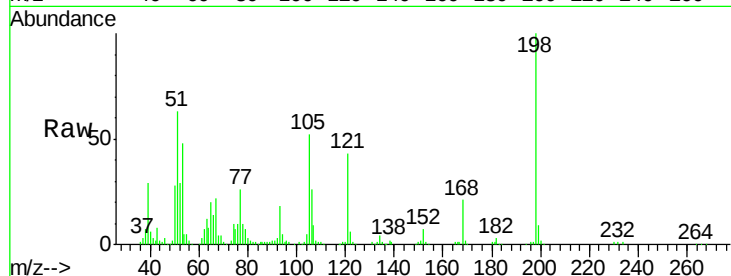
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



Time--> 10.40 10.50 10.60



#66

n-Nitrosodiphenylamine

Concen: 35.921 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

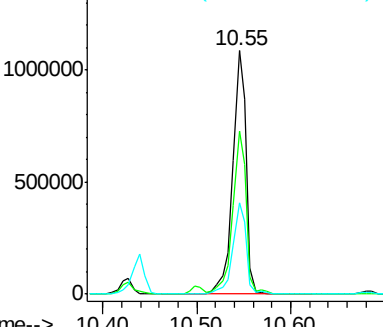
Tgt Ion:169 Resp: 1067243

Ion	Ratio	Lower	Upper
169	100		
168	67.1	54.2	81.2
167	37.3	29.8	44.8

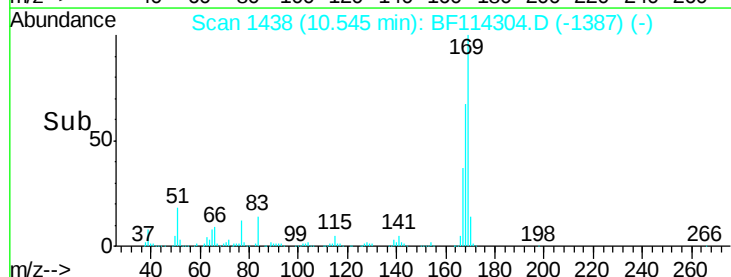
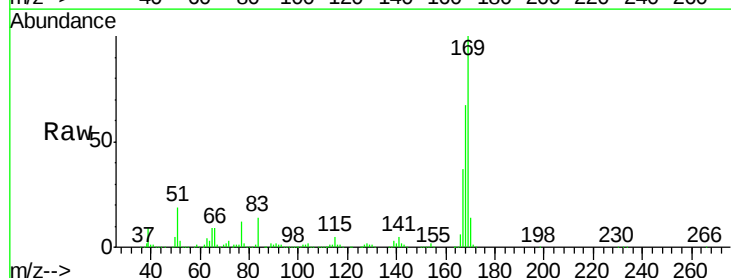
Abundance Ion 169.00 (168.70 to 169.70): E

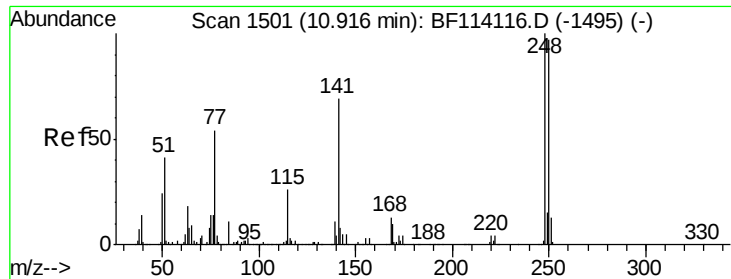
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



Time--> 10.40 10.50 10.60

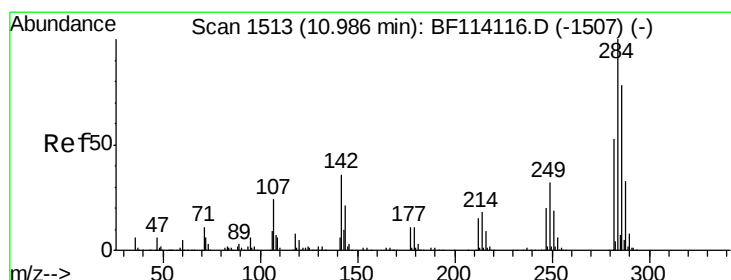
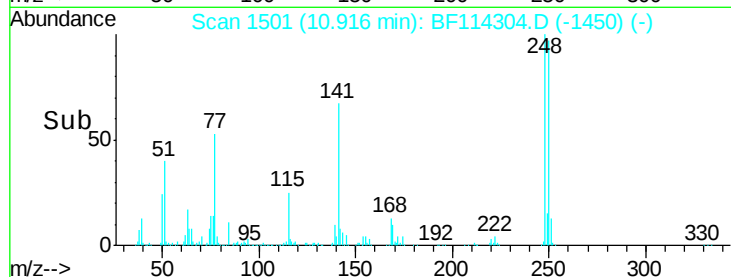
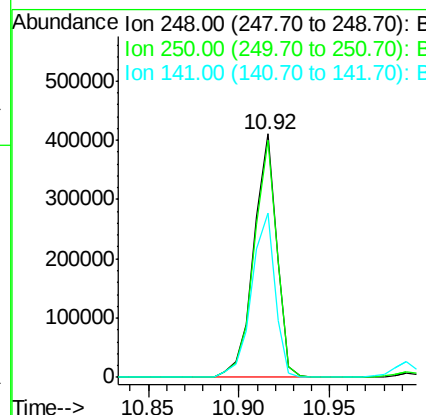
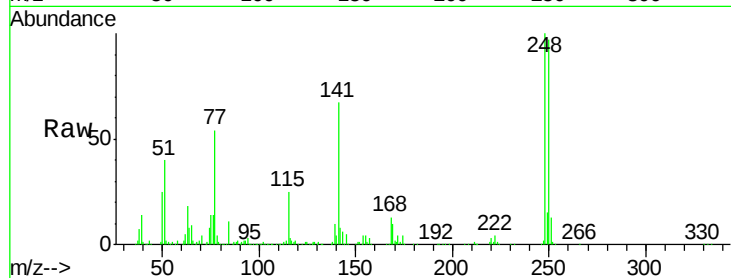




#67
4-Bromophenyl-phenylether
Concen: 33.549 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

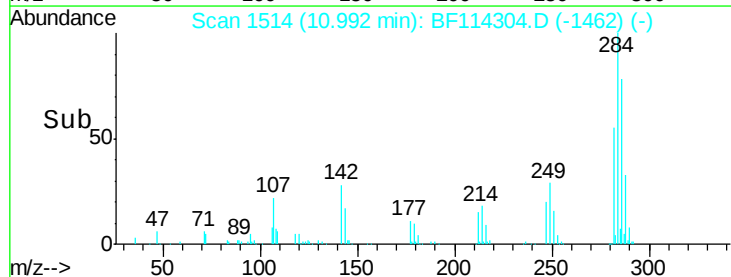
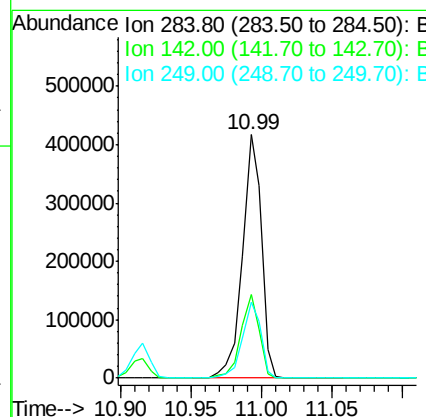
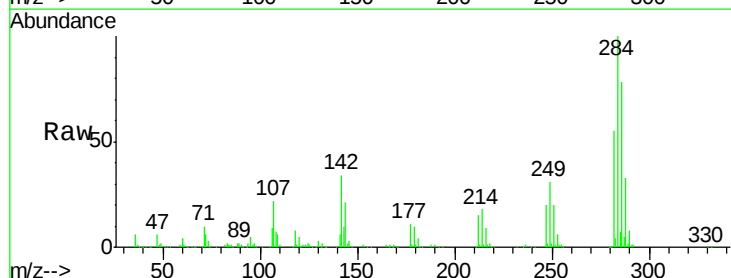
Instrument :
BNA_F
ClientSampleId :
PB119768BS

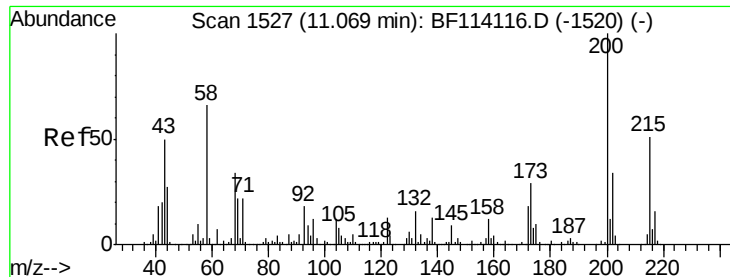
Tot Ion:248 Resp: 361600
Ion Ratio Lower Upper
248 100
250 97.4 77.4 116.2
141 67.5 55.6 83.4



#68
Hexachlorobenzene
Concen: 32.742 ng
RT: 10.99 min Scan# 1514
Delta R.T. 0.01 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

Tgt Ion:284 Resp: 390413
Ion Ratio Lower Upper
284 100
142 34.3 28.4 42.6
249 31.1 25.2 37.8





#69

Atrazine

Concen: 34.796 ng

RT: 11.07 min Scan# 1528

Delta R.T. 0.01 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

Instrument :

BNA_F

ClientSampleId :

PB119768BS

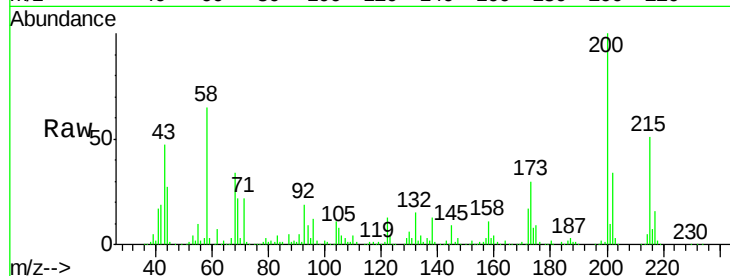
Tot Ion:200 Resp: 321721

Ion Ratio Lower Upper

200 100

173 29.6 8.9 48.9

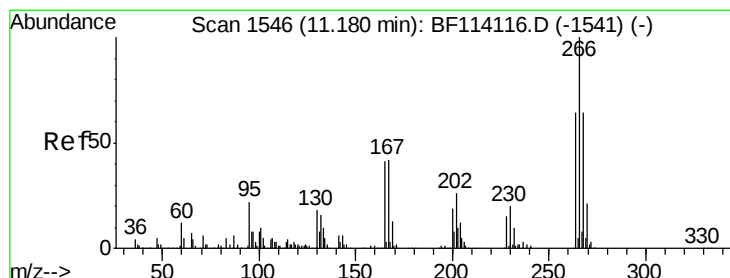
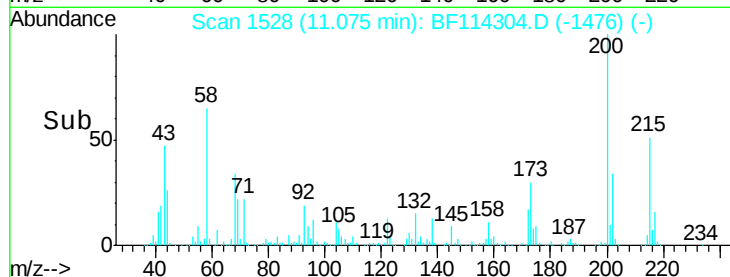
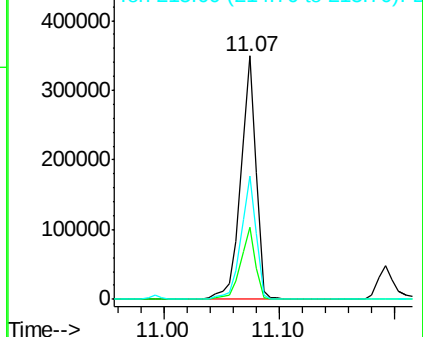
215 50.7 30.7 70.7



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: 56.816 ng

RT: 11.19 min Scan# 1548

Delta R.T. 0.01 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

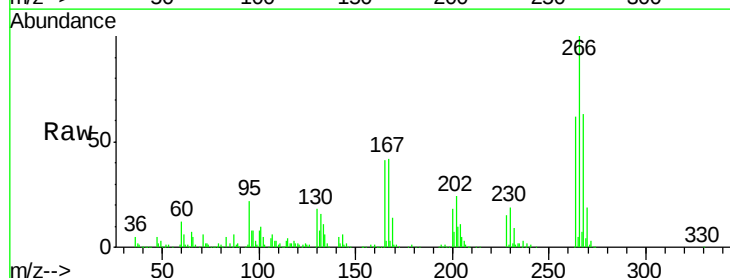
Tgt Ion:266 Resp: 321147

Ion Ratio Lower Upper

266 100

268 63.1 51.1 76.7

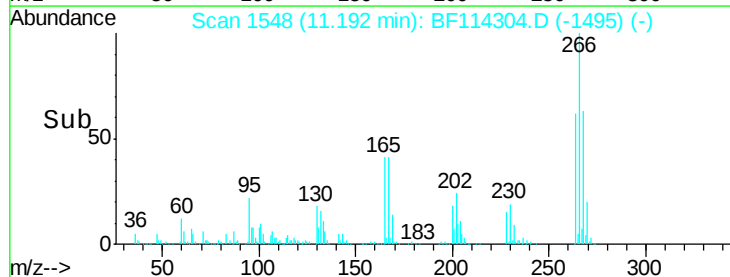
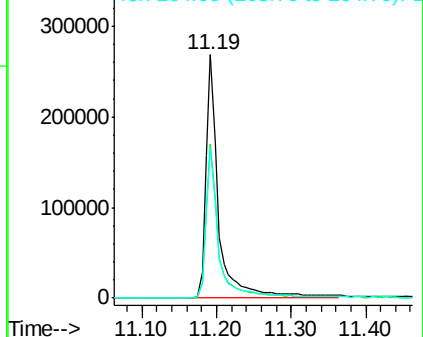
264 61.8 51.1 76.7

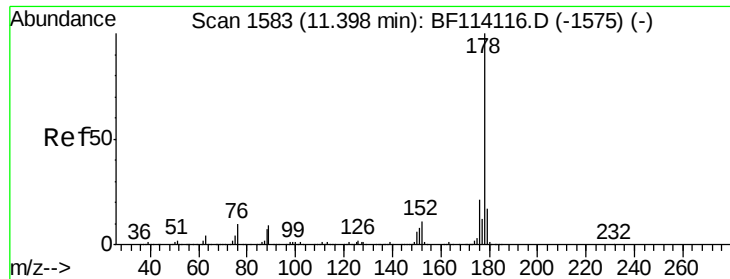


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 35.360 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.01 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

Instrument :

BNA_F

ClientSampleId :

PB119768BS

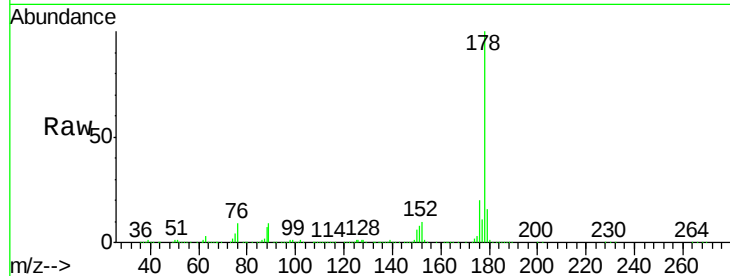
Tot Ion:178 Resp: 1684063

Ion Ratio Lower Upper

178 100

176 19.9 16.4 24.6

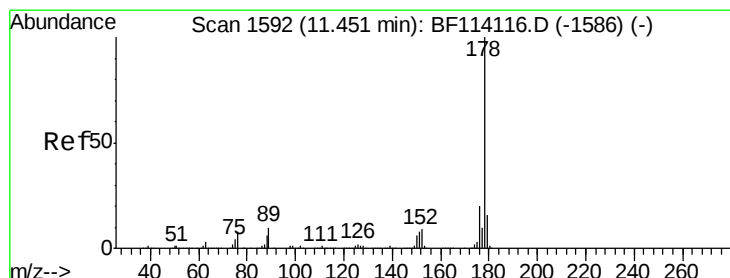
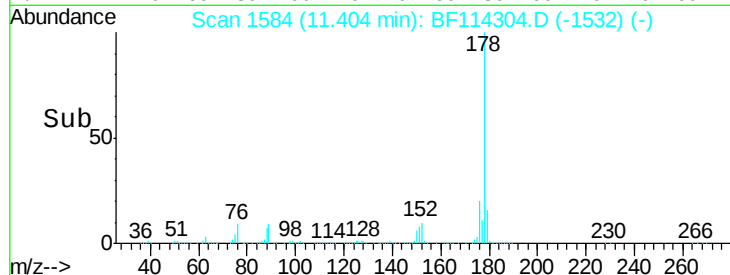
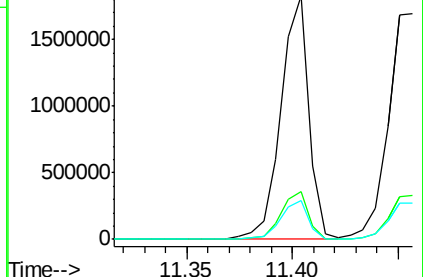
179 15.9 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 37.146 ng

RT: 11.46 min Scan# 1593

Delta R.T. 0.01 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

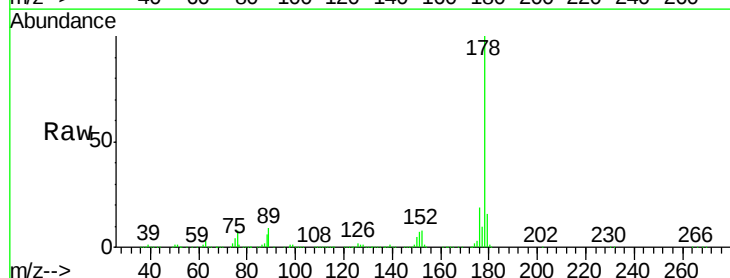
Tgt Ion:178 Resp: 1776919

Ion Ratio Lower Upper

178 100

176 19.2 15.8 23.8

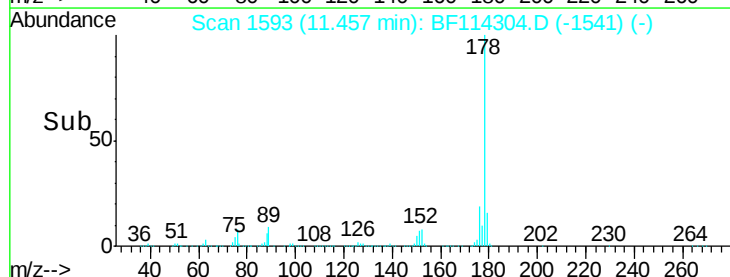
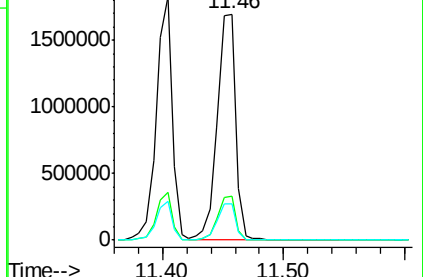
179 16.1 13.0 19.4

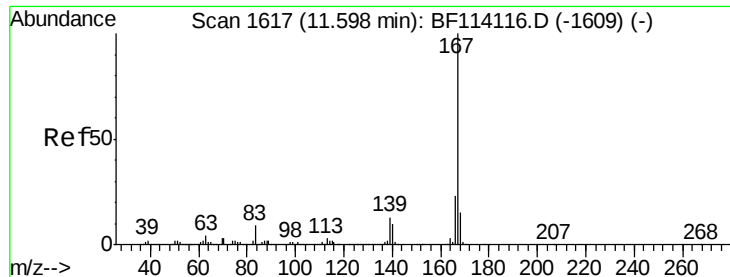


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



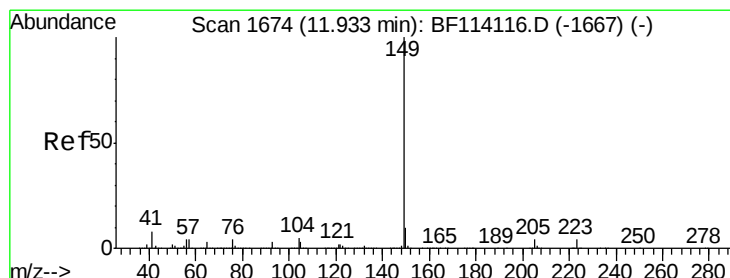
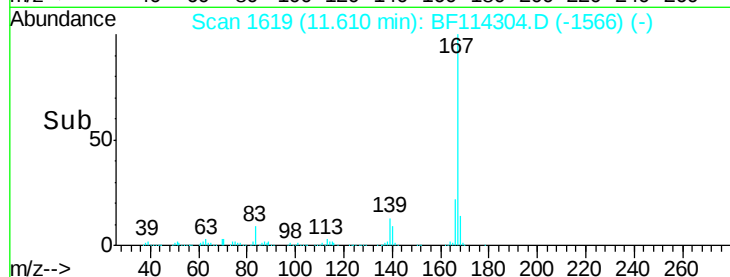
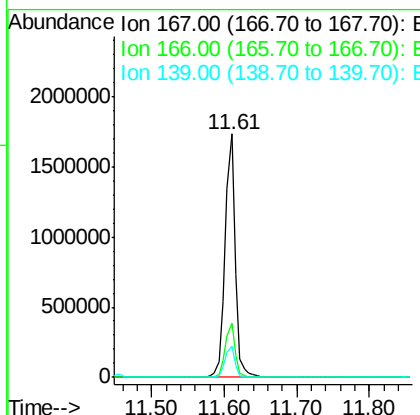
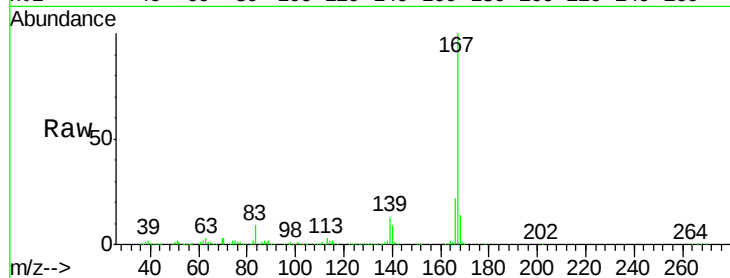


#73
 Carbazole
 Concen: 37.020 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. 0.01 min
 Lab File: BF114304.D
 Acq: 16 May 2019 13:02

Instrument :
 BNA_F
 ClientSampleId :
 PB119768BS

Tot Ion:167 Resp: 1688728

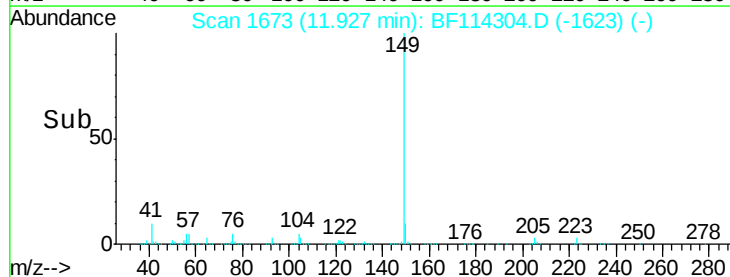
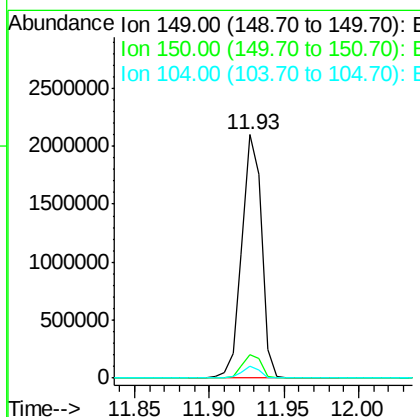
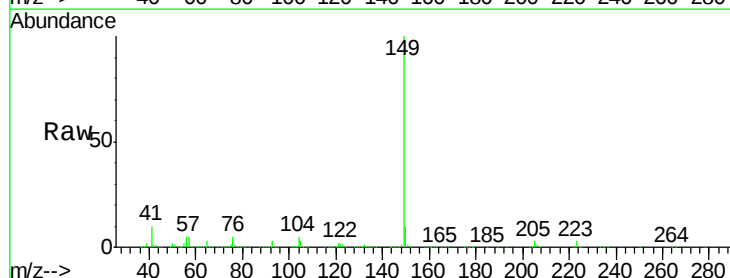
Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.2	27.2
139	12.9	10.6	16.0

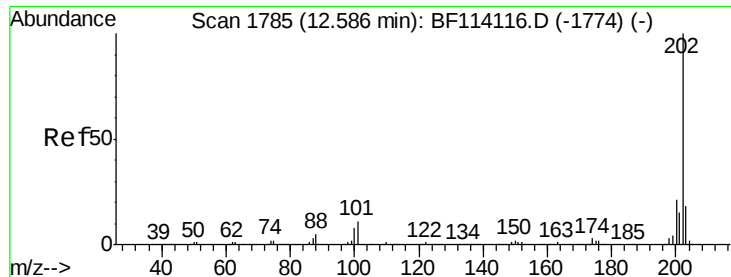


#74
 Di-n-butylphthalate
 Concen: 36.807 ng
 RT: 11.93 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BF114304.D
 Acq: 16 May 2019 13:02

Tgt Ion:149 Resp: 1934354

Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.7	11.5
104	4.8	3.6	5.4

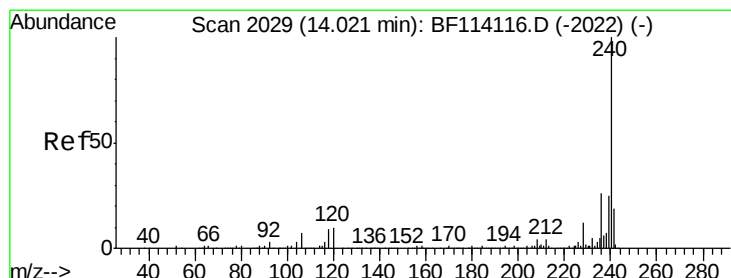
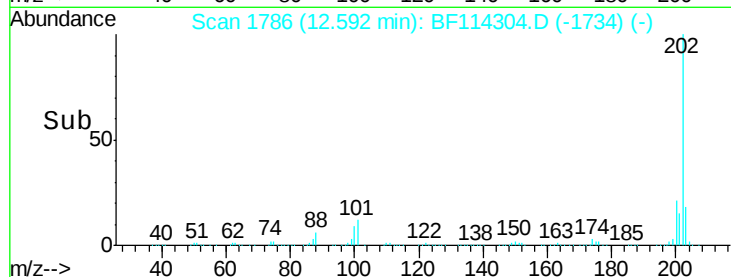
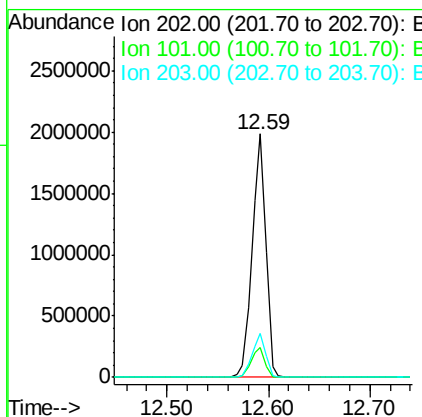
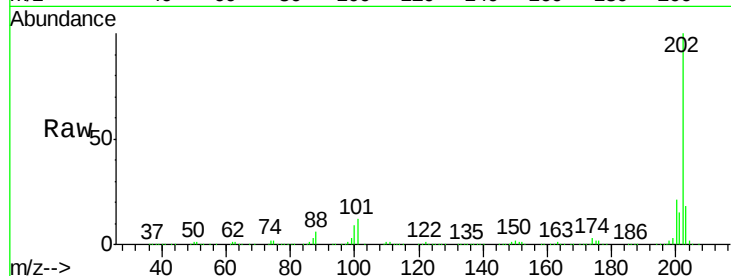




#75
Fluoranthene
Concen: 36.306 ng
RT: 12.59 min Scan# 1786
Delta R.T. 0.01 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

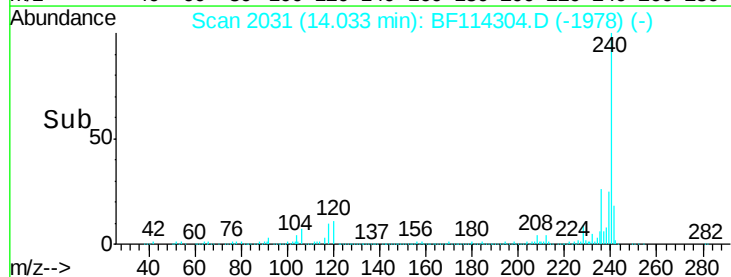
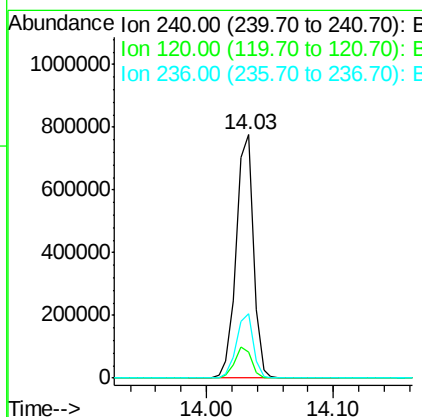
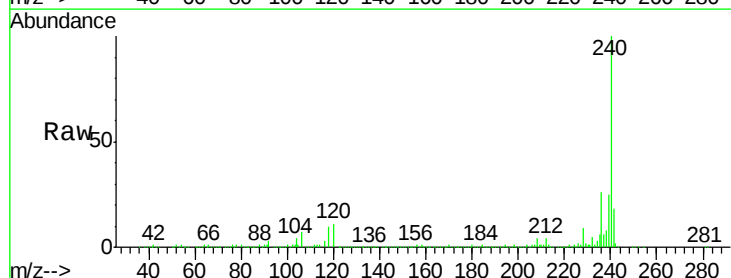
Instrument :
BNA_F
ClientSampleId :
PB119768BS

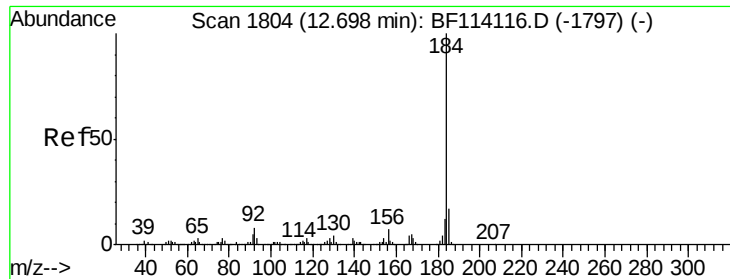
Tot Ion:202 Resp: 1862022
Ion Ratio Lower Upper
202 100
101 12.4 0.0 31.0
203 18.2 0.0 38.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.01 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

Tgt Ion:240 Resp: 720955
Ion Ratio Lower Upper
240 100
120 10.9 8.3 12.5
236 26.5 20.8 31.2





#77

Benzidine

Concen: 25.193 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.01 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

Instrument :

BNA_F

ClientSampleId :

PB119768BS

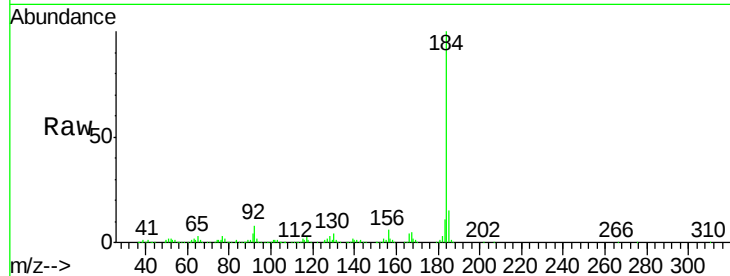
Tot Ion:184 Resp: 815325

Ion Ratio Lower Upper

184 100

185 15.1 13.6 20.4

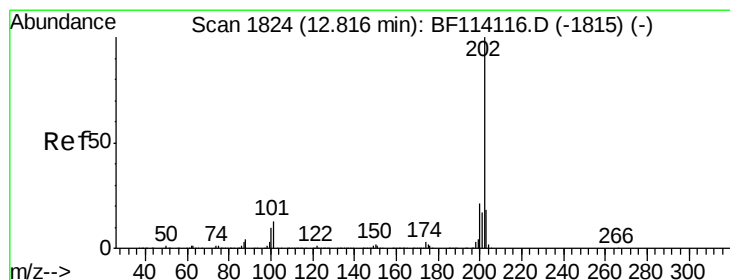
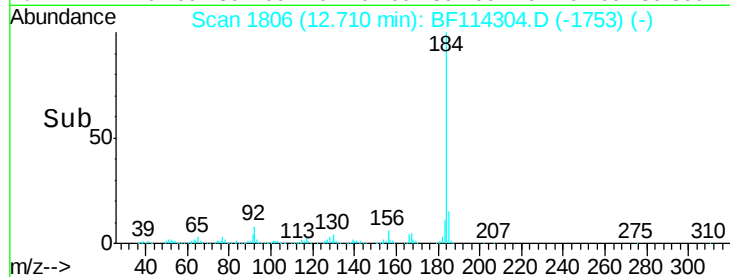
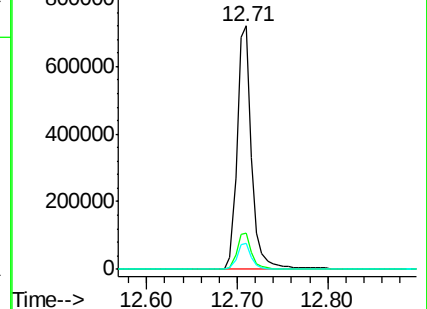
183 10.8 9.2 13.8



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: 32.807 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.01 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

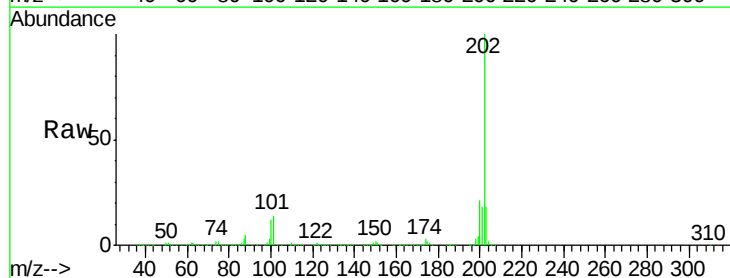
Tgt Ion:202 Resp: 1902700

Ion Ratio Lower Upper

202 100

200 20.8 16.9 25.3

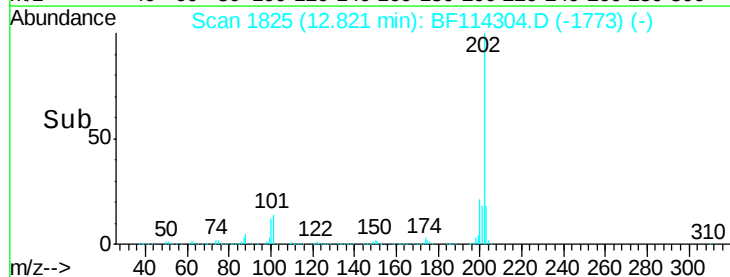
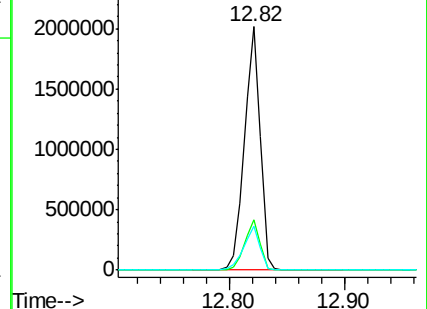
203 17.9 14.5 21.7



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: 61.342 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.00 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

Instrument :

BNA_F

ClientSampled :

PB119768BS

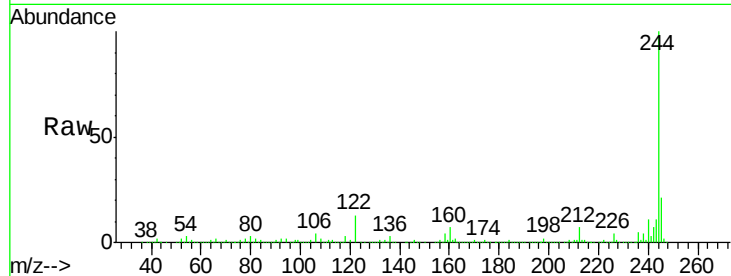
Tot Ion:244 Resp: 2145354

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

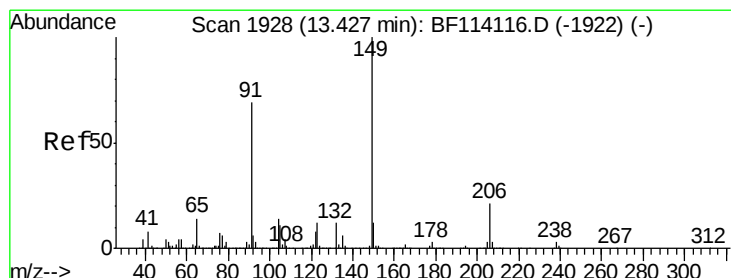
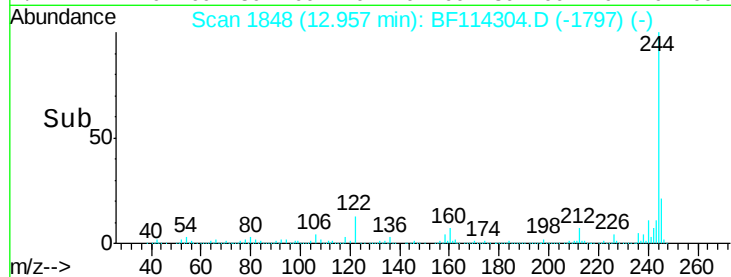
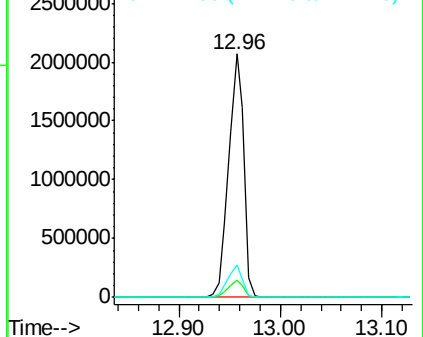
122 13.2 9.4 14.2



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: 35.967 ng

RT: 13.43 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

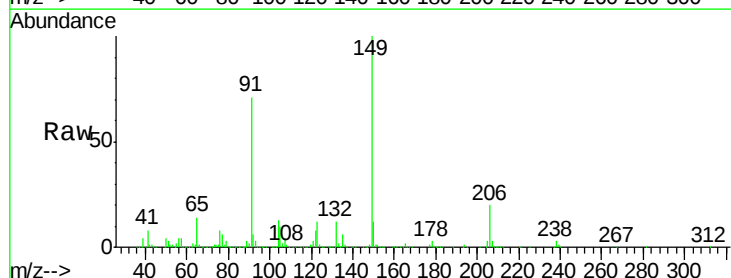
Tgt Ion:149 Resp: 878023

Ion Ratio Lower Upper

149 100

91 70.7 55.0 82.4

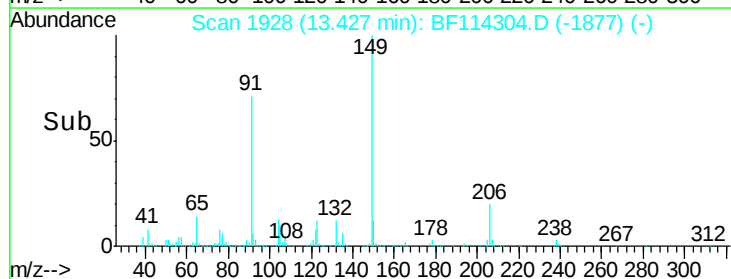
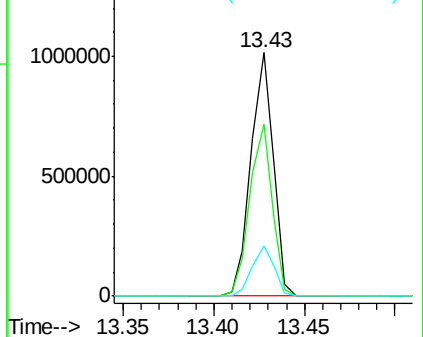
206 20.5 16.9 25.3

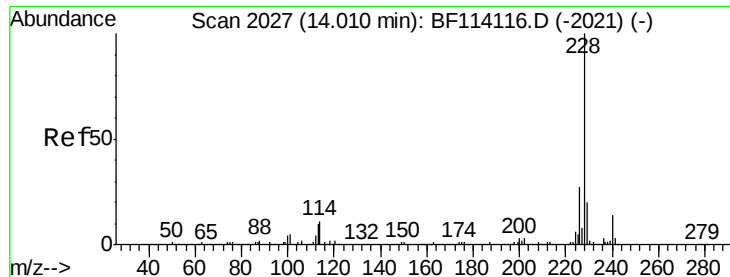


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 35.419 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.01 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

Instrument :

BNA_F

ClientSampleId :

PB119768BS

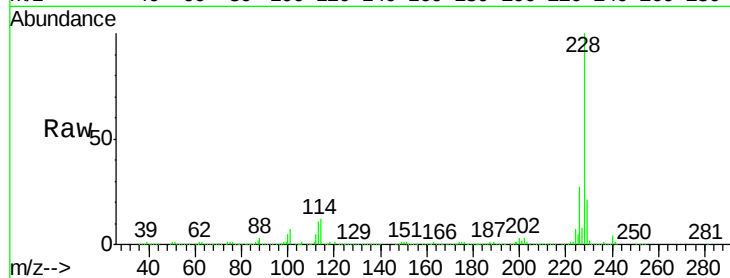
Tot Ion:228 Resp: 1651637

Ion Ratio Lower Upper

228 100

226 27.5 22.2 33.2

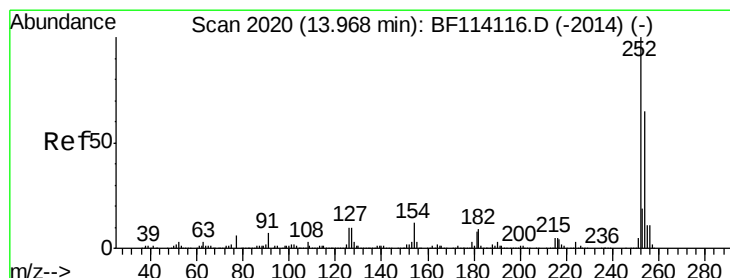
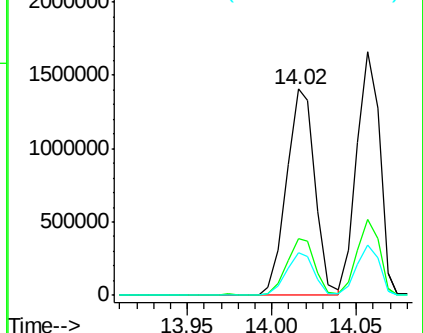
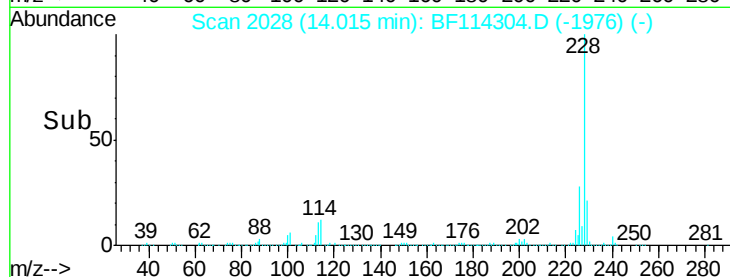
229 20.6 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 29.065 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

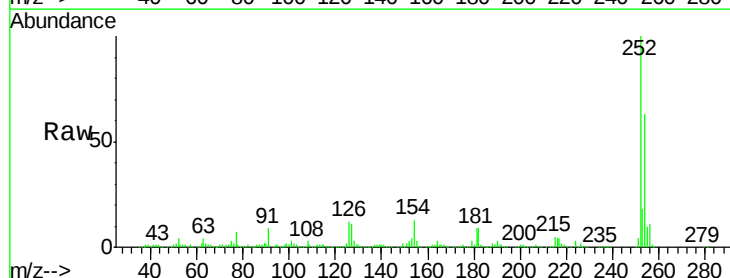
Tgt Ion:252 Resp: 525779

Ion Ratio Lower Upper

252 100

254 63.3 51.9 77.9

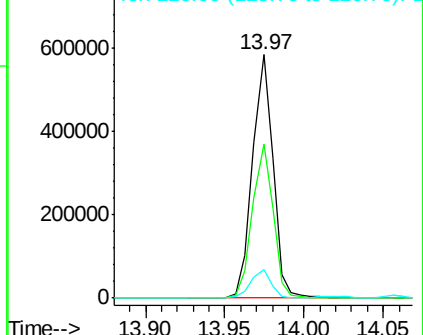
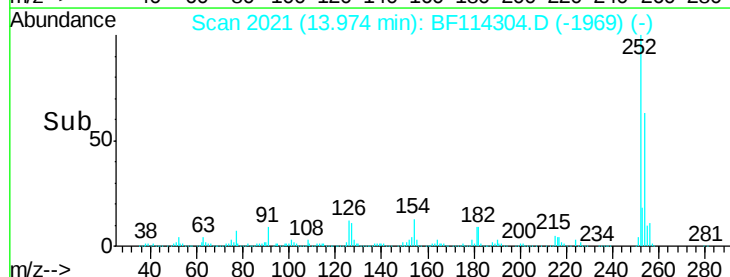
126 11.7 7.9 11.9

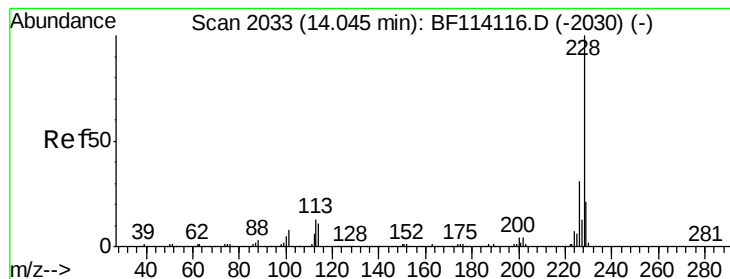


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 34.564 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

Instrument :

BNA_F

ClientSampleId :

PB119768BS

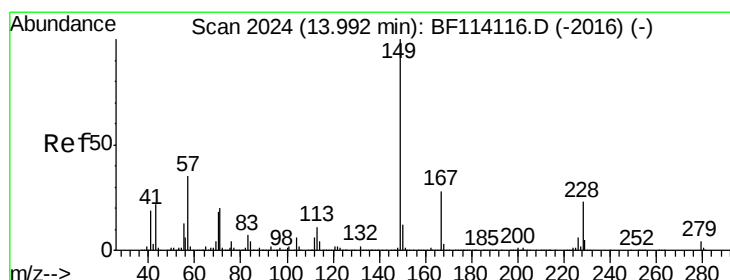
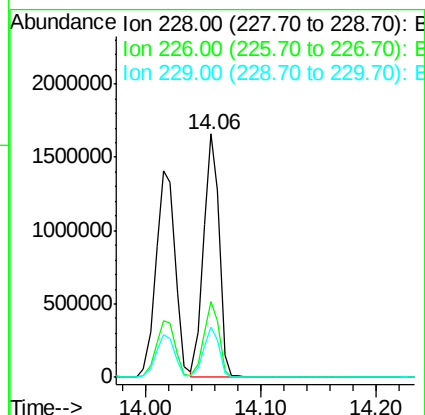
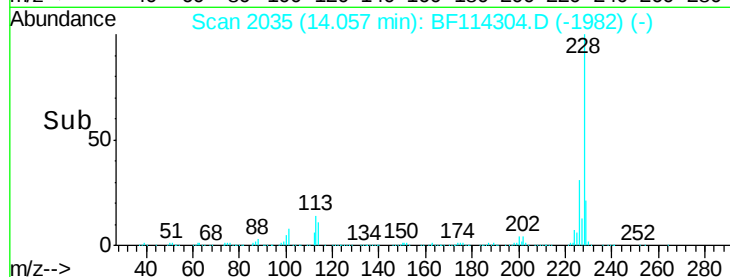
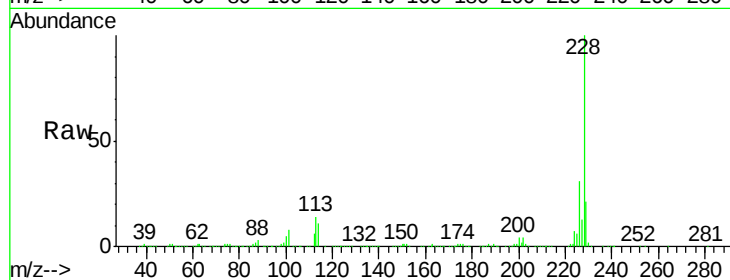
Tot Ion:228 Resp: 1579996

Ion Ratio Lower Upper

228 100

226 31.2 25.0 37.6

229 20.6 17.0 25.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.387 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

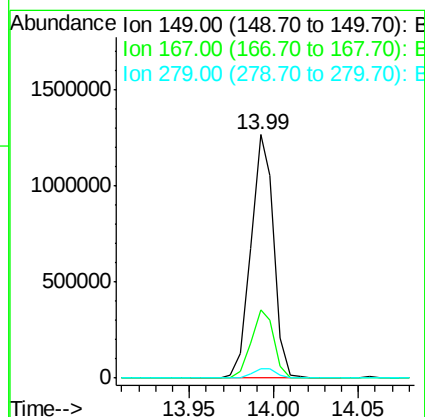
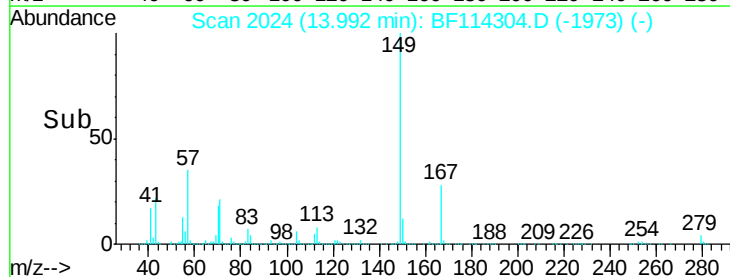
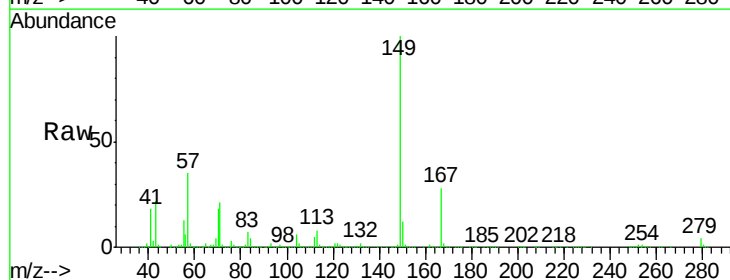
Tgt Ion:149 Resp: 1193673

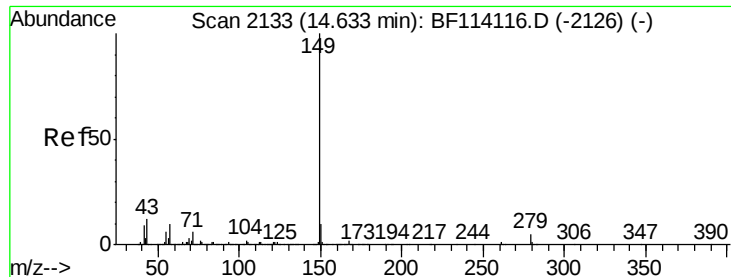
Ion Ratio Lower Upper

149 100

167 27.9 22.6 33.8

279 3.7 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 39.112 ng

RT: 14.63 min Scan# 2132

Delta R.T. -0.01 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

Instrument :

BNA_F

ClientSampleId :

PB119768BS

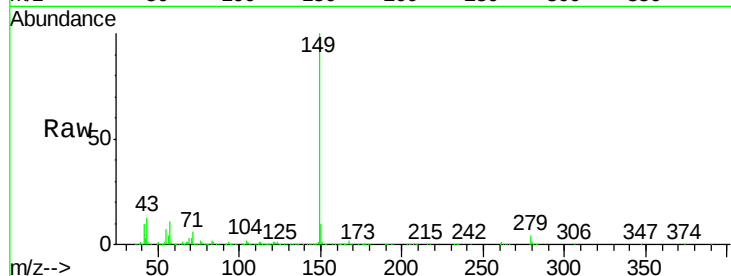
Tot Ion:149 Resp: 2024271

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

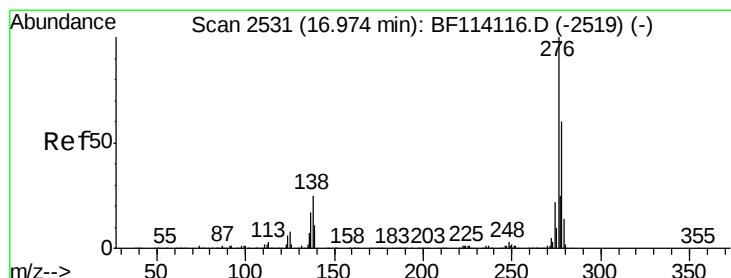
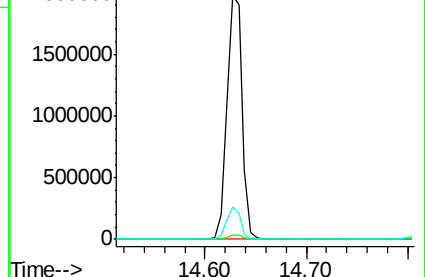
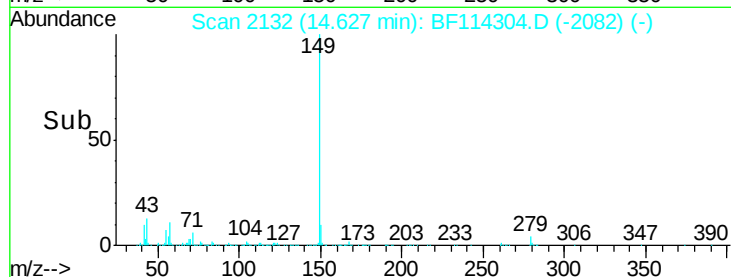
43 12.4 10.1 15.1



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: 38.675 ng

RT: 17.03 min Scan# 2540

Delta R.T. 0.05 min

Lab File: BF114304.D

Acq: 16 May 2019 13:02

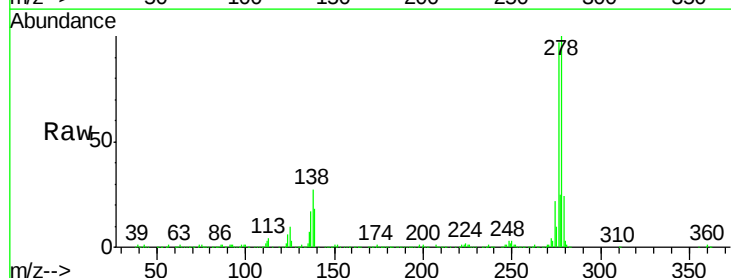
Tgt Ion:276 Resp: 1562430

Ion Ratio Lower Upper

276 100

138 26.6 20.2 30.2

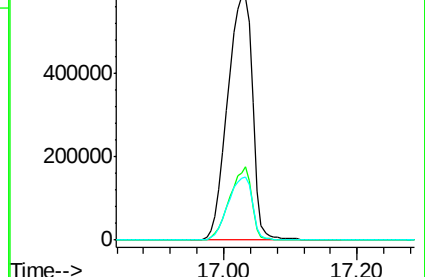
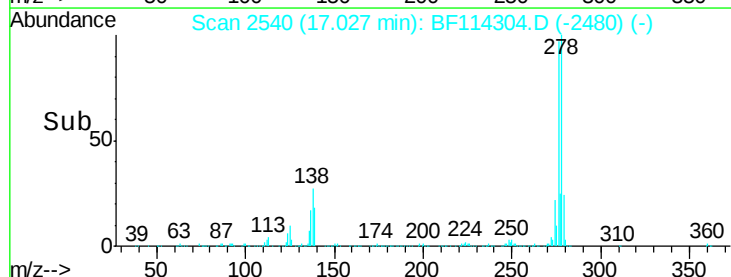
277 25.1 20.0 30.0

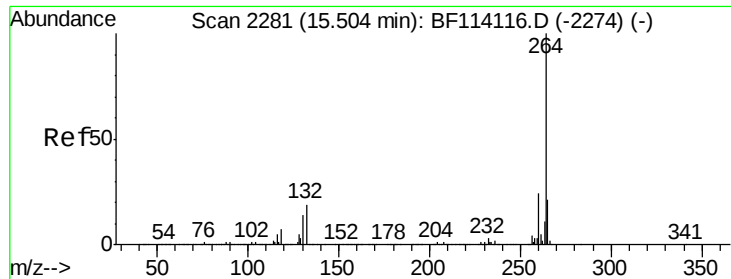


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

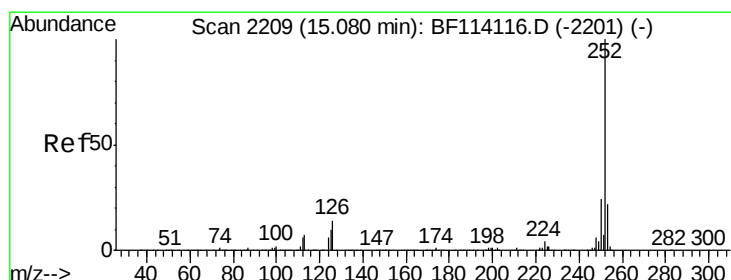
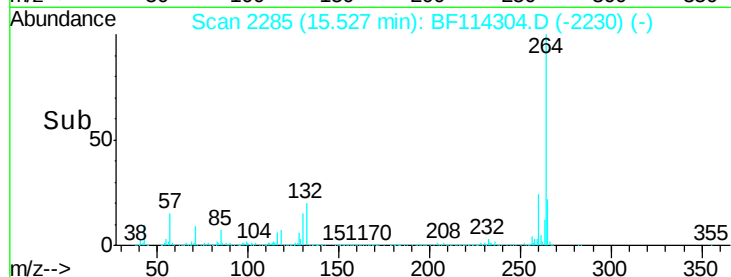
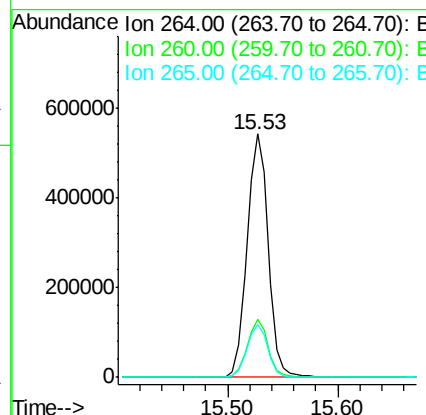
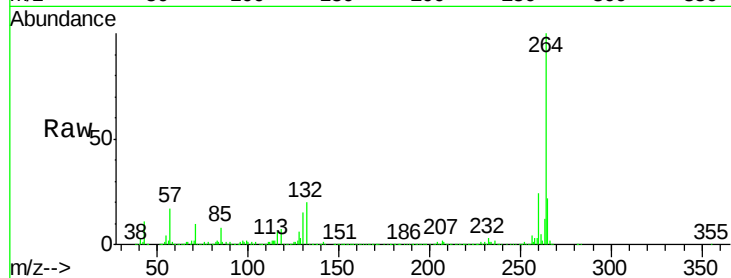




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. 0.02 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

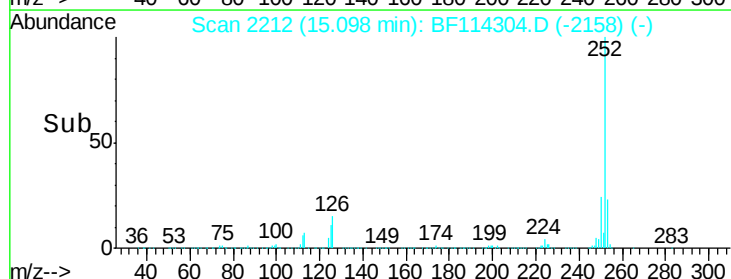
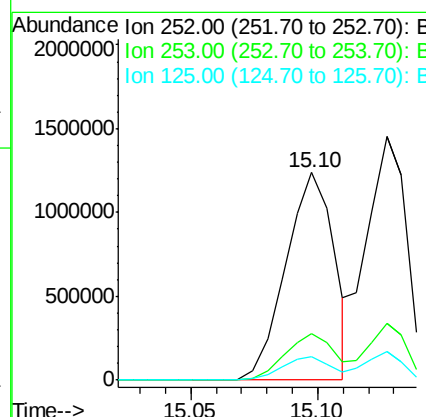
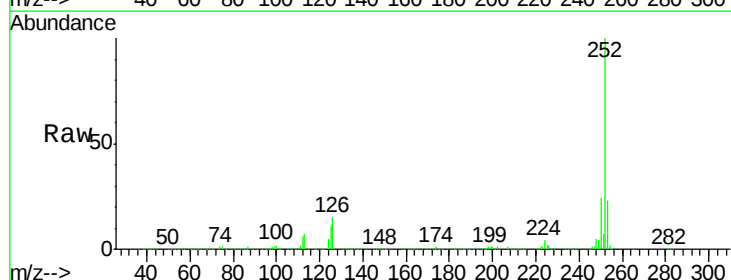
Instrument :
BNA_F
ClientSampleId :
PB119768BS

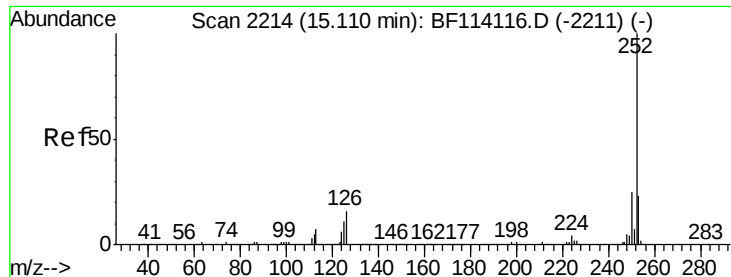
Tot Ion:264 Resp: 730892
Ion Ratio Lower Upper
264 100
260 24.0 19.4 29.0
265 21.7 16.9 25.3



#88
Benzo(b)fluoranthene
Concen: 35.060 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.02 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

Tgt Ion:252 Resp: 1641675
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 11.3 8.3 12.5

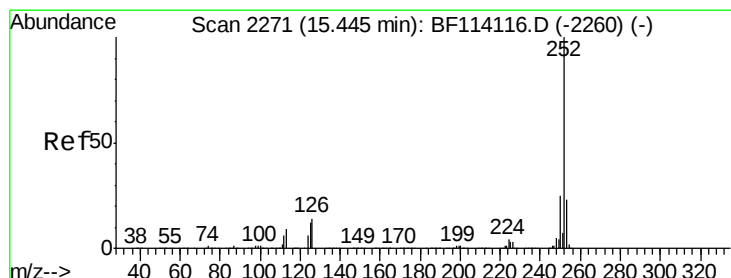
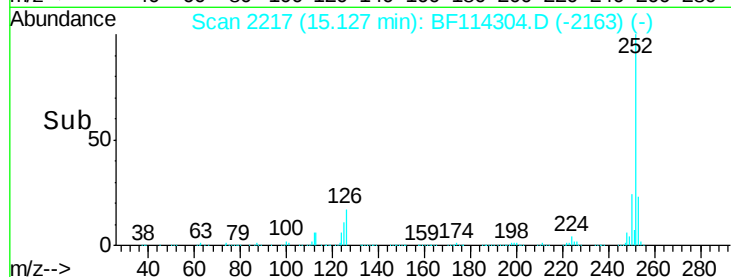
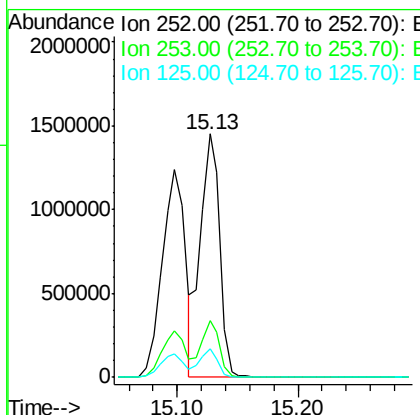
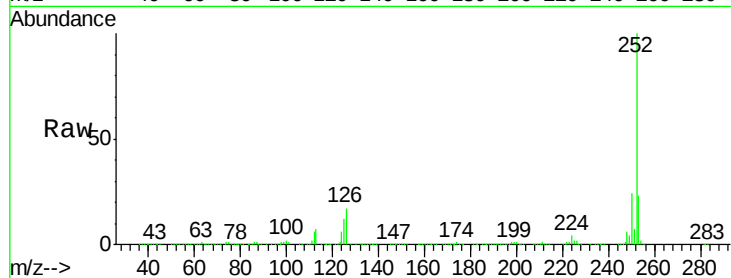




#89
Benzo(k)fluoranthene
Concen: 37.410 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.02 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

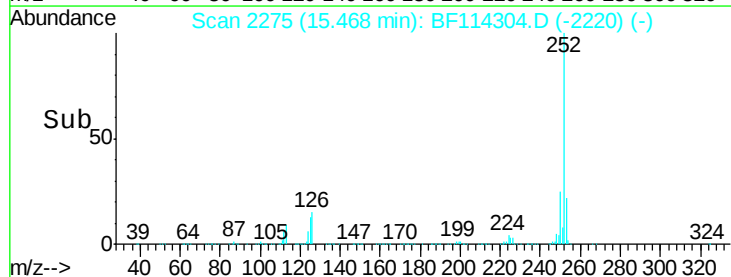
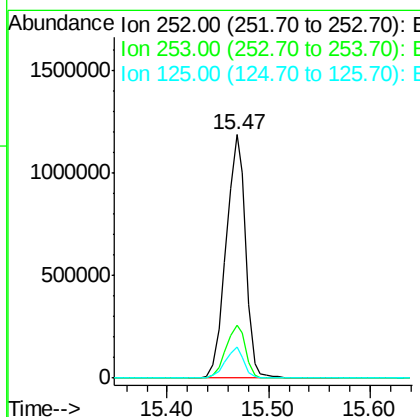
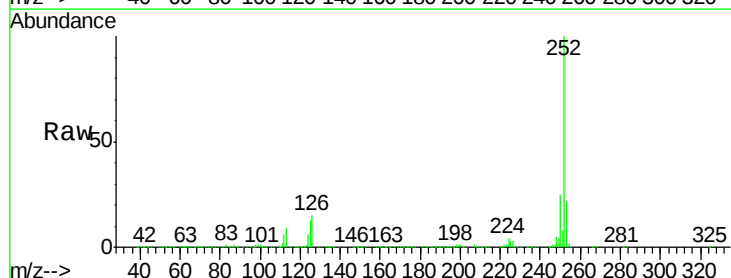
Instrument :
BNA_F
ClientSampleId :
PB119768BS

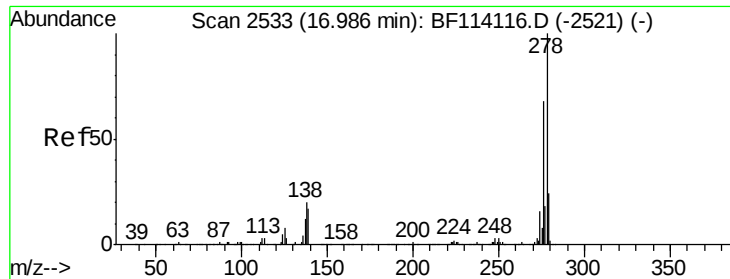
Tot Ion:252 Resp: 1609124
Ion Ratio Lower Upper
252 100
253 23.2 18.2 27.2
125 11.6 8.6 13.0



#90
Benzo(a)pyrene
Concen: 38.464 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.02 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

Tgt Ion:252 Resp: 1585083
Ion Ratio Lower Upper
252 100
253 22.0 18.1 27.1
125 12.6 9.5 14.3

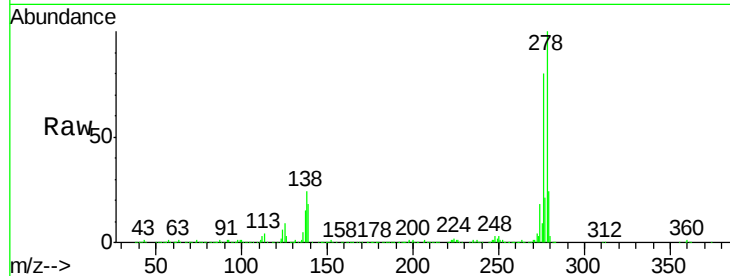




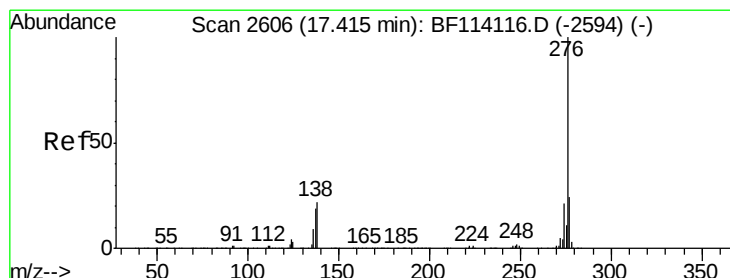
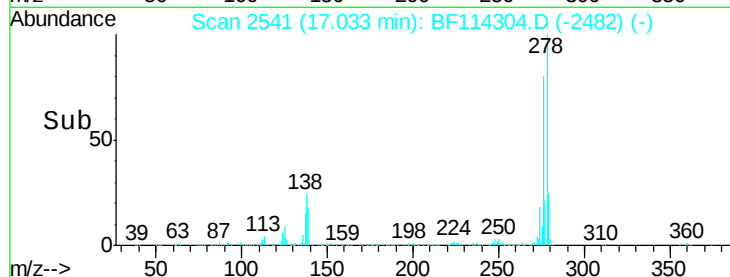
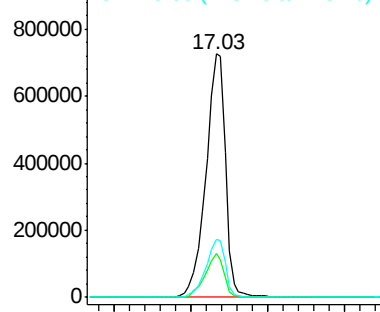
#91
Dibenzo(a,h)anthracene
Concen: 37.922 ng
RT: 17.03 min Scan# 2541
Delta R.T. 0.05 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

Instrument :
BNA_F
ClientSampleId :
PB119768BS

Tot Ion:278 Resp: 1298578
Ion Ratio Lower Upper
278 100
139 18.0 13.5 20.3
279 23.7 19.0 28.6

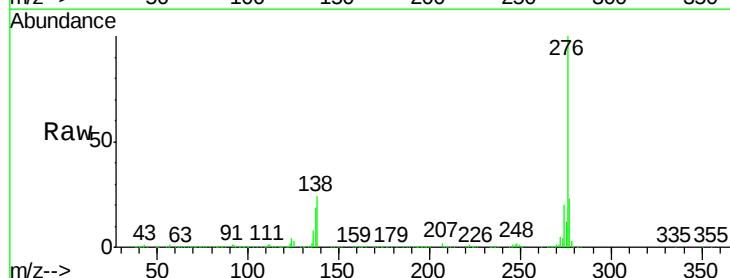


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 37.887 ng
RT: 17.47 min Scan# 2616
Delta R.T. 0.06 min
Lab File: BF114304.D
Acq: 16 May 2019 13:02

Tgt Ion:276 Resp: 1300166
Ion Ratio Lower Upper
276 100
277 22.8 19.0 28.4
138 23.5 17.8 26.6



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

