

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051819\
 Data File : BF114415.D
 Acq On : 19 May 2019 3:12
 Operator : JU/SJ
 Sample : K2643-06MSD
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 20 04:14:24 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	6.84	152	227524	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	844405	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	378961	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	676311	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	415439	20.00	ng	-0.02
87) Perylene-d12	15.46	264	497748	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	1490828	105.45	ng	0.01
7) Phenol-d6	6.49	99	1828430	109.34	ng	0.00
23) Nitrobenzene-d5	7.40	82	1295690	86.11	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	461993	117.92	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	2197171	87.70	ng	-0.02
79) Terphenyl-d14	12.93	244	1879208	93.25	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.80	88	238511	30.691	ng	# 82
3) Pyridine	3.51	79	415633	19.412	ng	97
4) n-Nitrosodimethylamine	3.44	42	352598	34.149	ng	95
6) Aniline	6.51	93	274816	11.377	ng	# 30
8) 2-Chlorophenol	6.63	128	633425	41.967	ng	96
9) Benzaldehyde	6.39	77	192201	16.418	ng	99
10) Phenol	6.50	94	679301	34.533	ng	93
11) bis(2-Chloroethyl)ether	6.57	93	646052	43.260	ng	99
12) 1,3-Dichlorobenzene	6.78	146	615835	36.348	ng	99
13) 1,4-Dichlorobenzene	6.86	146	626762	36.711	ng	97
14) 1,2-Dichlorobenzene	7.01	146	576741	36.976	ng	98
15) Benzyl Alcohol	6.99	79	527785	40.468	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	1164337	40.210	ng	61
17) 2-Methylphenol	7.10	107	491663	39.654	ng	# 91
18) Hexachloroethane	7.35	117	227787	35.545	ng	98
19) n-Nitroso-di-n-propylamine	7.25	70	455999	43.022	ng	98
20) 3+4-Methylphenols	7.26	107	623335	43.513	ng	# 70
22) Acetophenone	7.25	105	864681	46.224	ng	# 90
24) Nitrobenzene	7.42	77	688370	44.919	ng	97
25) Isophorone	7.66	82	1269941	45.509	ng	99
26) 2-Nitrophenol	7.74	139	349969	47.070	ng	95
27) 2,4-Dimethylphenol	7.78	122	564982	48.382	ng	99
28) bis(2-Chloroethoxy)methane	7.86	93	818805	45.223	ng	98
29) 2,4-Dichlorophenol	7.99	162	526719	45.298	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	546763	41.351	ng	99
31) Naphthalene	8.14	128	1739154	44.092	ng	99
32) Benzoic acid	7.92	122	307470	38.547	ng	98
33) 4-Chloroaniline	8.19	127	163007	9.069	ng	96
34) Hexachlorobutadiene	8.25	225	298397	39.663	ng	97
35) Caprolactam	8.56	113	105202	27.746	ng	99
36) 4-Chloro-3-methylphenol	8.69	107	541867	46.296	ng	98
37) 2-Methylnaphthalene	8.83	142	1200646	47.179	ng	98
38) 1-Methylnaphthalene	8.93	142	1128018	47.068	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	549847	47.898	ng	99

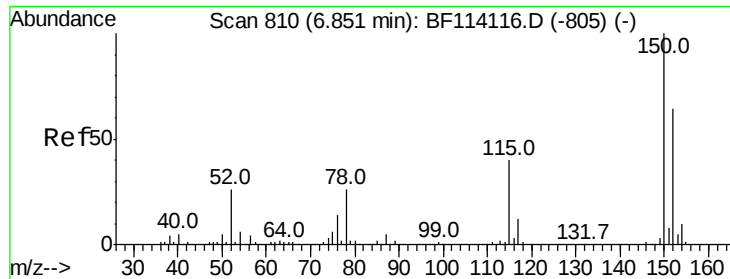
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051819\
 Data File : BF114415.D
 Acq On : 19 May 2019 3:12
 Operator : JU/SJ
 Sample : K2643-06MSD
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 20 04:14:24 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)
41) Hexachlorocyclopentadiene	8.98	237	206045	40.768	ng	100
43) 2,4,6-Trichlorophenol	9.12	196	348583	44.147	ng	98
44) 2,4,5-Trichlorophenol	9.16	196	368710	45.533	ng	97
46) 1,1'-Biphenyl	9.29	154	1454924	47.523	ng	99
47) 2-Chloronaphthalene	9.32	162	1101169	44.693	ng	99
48) 2-Nitroaniline	9.42	65	375822	43.010	ng	98
49) Acenaphthylene	9.73	152	1721353	45.935	ng	99
50) Dimethylphthalate	9.59	163	1319379	47.427	ng	99
51) 2,6-Dinitrotoluene	9.66	165	289153	46.862	ng	98
52) Acenaphthene	9.90	154	1021814	44.435	ng	98
53) 3-Nitroaniline	9.83	138	170560	22.268	ng	99
54) 2,4-Dinitrophenol	9.95	184	186907	61.907	ng	98
55) Dibenzofuran	10.07	168	1488775	44.152	ng	98
56) 4-Nitrophenol	10.01	139	295451	54.544	ng	96
57) 2,4-Dinitrotoluene	10.07	165	352450	42.084	ng	# 90
58) Fluorene	10.42	166	1198437	46.013	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.20	232	308370	44.135	ng	98
60) Diethylphthalate	10.29	149	1304194	46.140	ng	99
61) 4-Chlorophenyl-phenylether	10.40	204	582706	45.552	ng	96
62) 4-Nitroaniline	10.45	138	271761	33.765	ng	98
63) Azobenzene	10.57	77	1230043	44.957	ng	97
65) 4,6-Dinitro-2-methylphenol	10.48	198	132249	40.695	ng	88
66) n-Nitrosodiphenylamine	10.53	169	1042760	50.801	ng	99
67) 4-Bromophenyl-phenylether	10.89	248	358457	48.138	ng	96
68) Hexachlorobenzene	10.97	284	384437	46.667	ng	93
69) Atrazine	11.05	200	243793	38.166	ng	100
70) Pentachlorophenol	11.17	266	296560	75.943	ng	99
71) Phenanthrene	11.38	178	1563826	47.528	ng	99
72) Anthracene	11.43	178	1605669	48.585	ng	99
73) Carbazole	11.59	167	1438102	45.633	ng	99
74) Di-n-butylphthalate	11.91	149	1907151	52.527	ng	100
75) Fluoranthene	12.57	202	1540459	43.476	ng	99
77) Benzidine	12.69	184	42264	2.266	ng	97
78) Pyrene	12.80	202	1524772	45.624	ng	99
80) Butylbenzylphthalate	13.40	149	727026	51.684	ng	98
81) Benzo(a)anthracene	13.99	228	1273346	47.388	ng	100
82) 3,3'-Dichlorobenzidine	13.94	252	371127	35.604	ng	100
83) Chrysene	14.02	228	1275279	48.415	ng	98
84) Bis(2-ethylhexyl)phthalate	13.96	149	1017460	55.304	ng	100
85) Di-n-octyl phthalate	14.57	149	1652070	55.395	ng	100
86) Indeno(1,2,3-cd)pyrene	16.93	276	1331148	57.182	ng	99
88) Benzo(b)fluoranthene	15.03	252	1495066	46.884	ng	98
89) Benzo(k)fluoranthene	15.06	252	1240600	42.352	ng	99
90) Benzo(a)pyrene	15.40	252	1352417	48.189	ng	99
91) Dibenzo(a,h)anthracene	16.94	278	1126336	48.298	ng	100
92) Benzo(g,h,i)perylene	17.37	276	1084806	46.418	ng	99

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

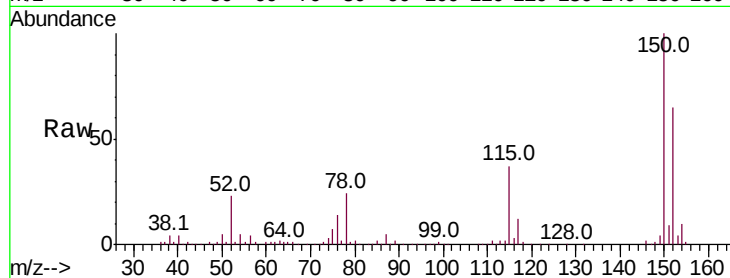


#1

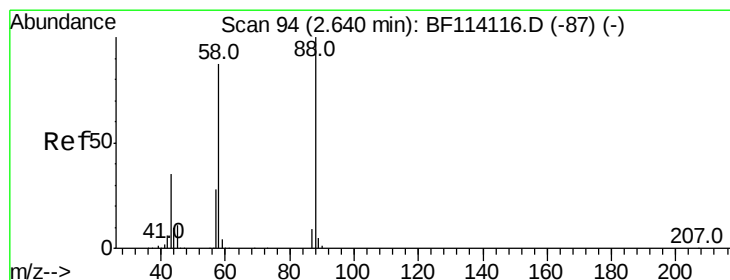
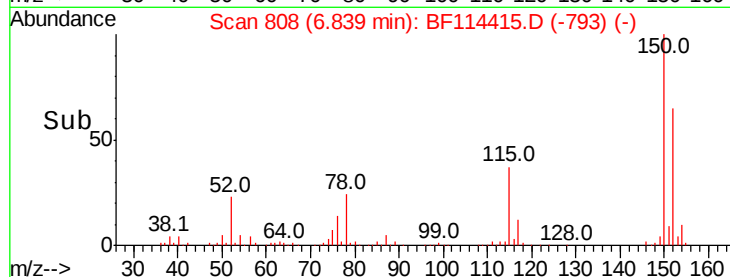
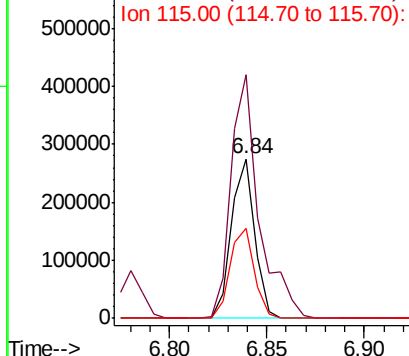
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	124.3	186.5
115	56.2	49.1	73.7



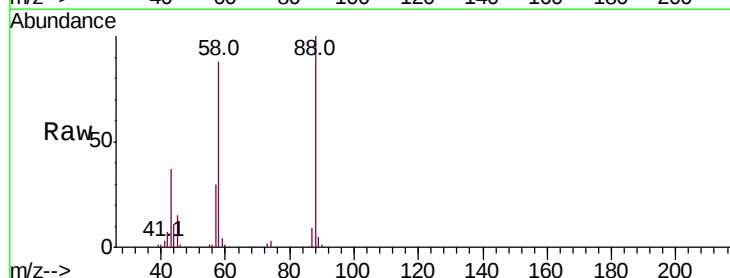
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



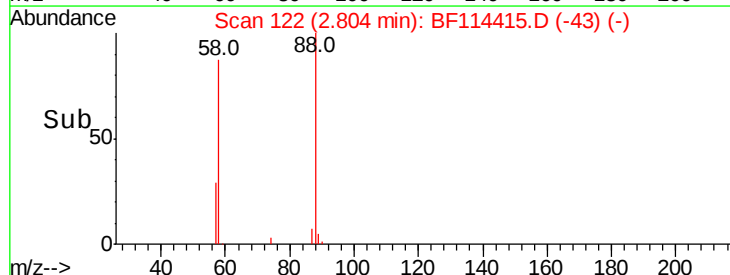
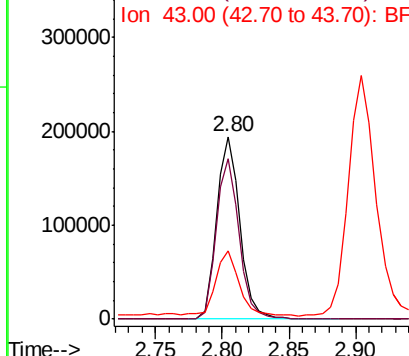
#2

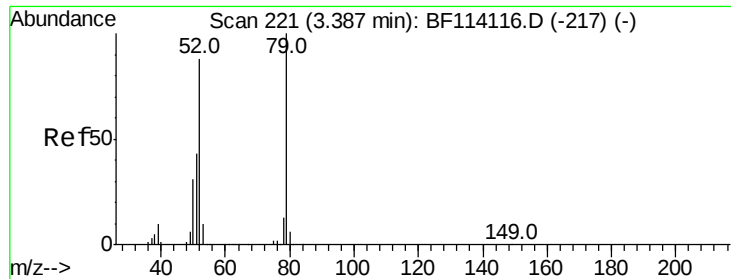
1,4-Dioxane
Concen: 30.691 ng
RT: 2.80 min Scan# 122
Delta R.T. 0.16 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.9	68.7	103.1
43	0.0	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

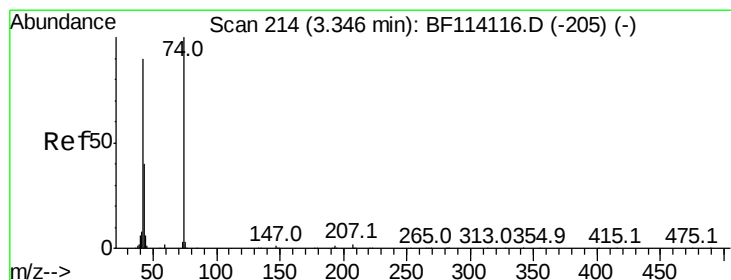
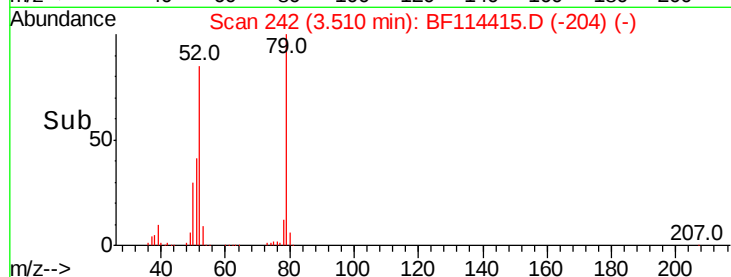
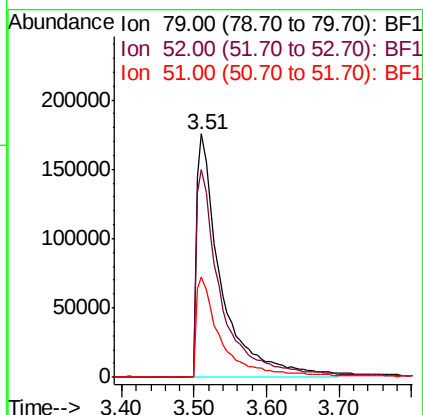
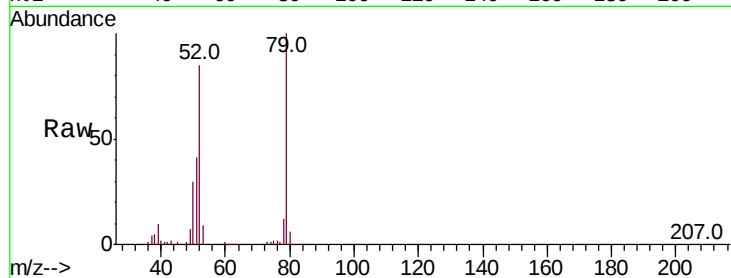




#3
 Pvridine
 Concen: 19.412 ng
 RT: 3.51 min Scan# 242
 Delta R.T. 0.12 min
 Lab File: BF114415.D
 Acq: 19 May 2019 3:12

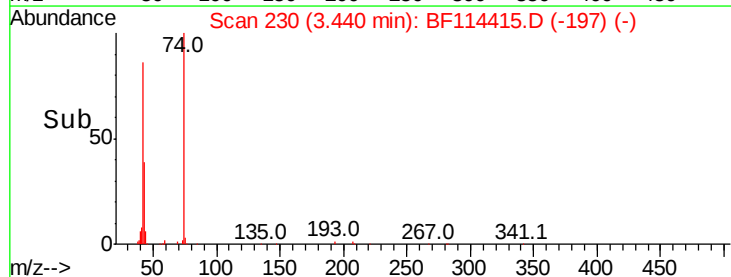
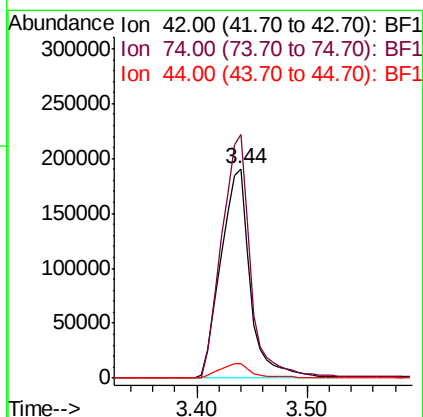
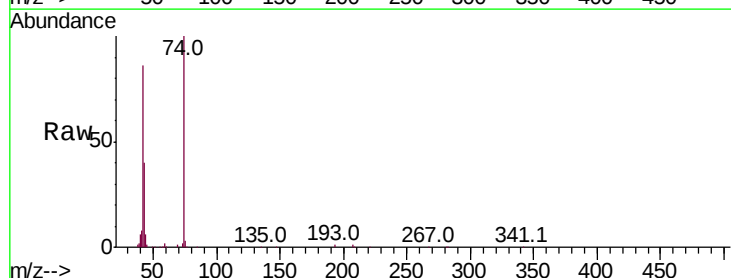
Instrument :
 BNA_F
 ClientSampleId :

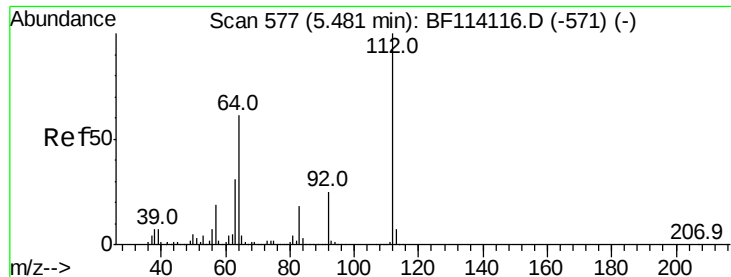
Tot Ion: 79 Resp: 415633
 Ion Ratio Lower Upper
 79 100
 52 85.2 70.6 105.8
 51 41.3 34.2 51.2



#4
 n-Nitrosodimethylamine
 Concen: 34.149 ng
 RT: 3.44 min Scan# 230
 Delta R.T. 0.09 min
 Lab File: BF114415.D
 Acq: 19 May 2019 3:12

Tgt Ion: 42 Resp: 352598
 Ion Ratio Lower Upper
 42 100
 74 116.3 88.6 132.8
 44 7.0 5.5 8.3





#5

2-Fluorophenol

Concen: 105.445 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF114415.D

Acq: 19 May 2019 3:12

Instrument :

BNA_F

ClientSampleId :

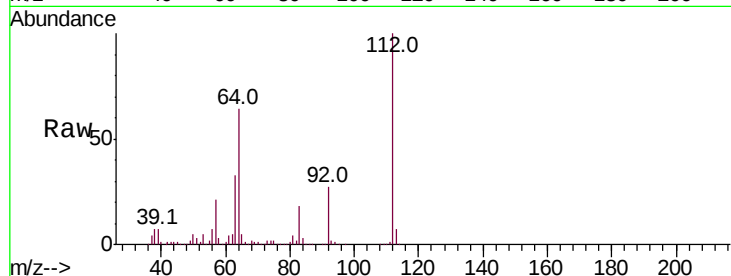
Tot Ion:112 Resp: 1490828

Ion Ratio Lower Upper

112 100

64 64.4 49.0 73.6

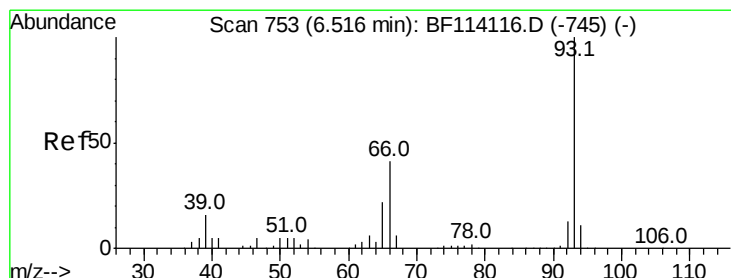
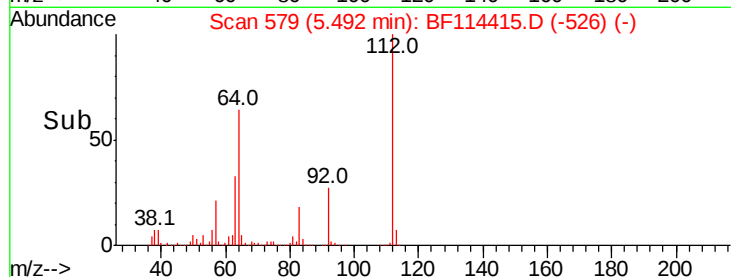
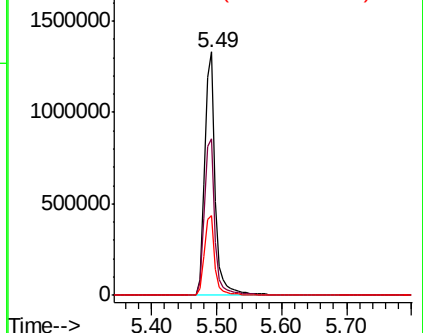
63 32.6 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 11.377 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF114415.D

Acq: 19 May 2019 3:12

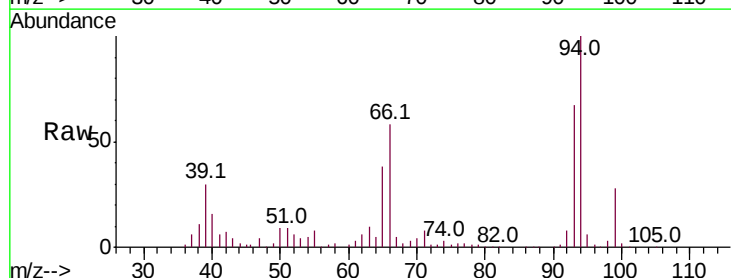
Tgt Ion: 93 Resp: 274816

Ion Ratio Lower Upper

93 100

66 85.4 33.2 49.8#

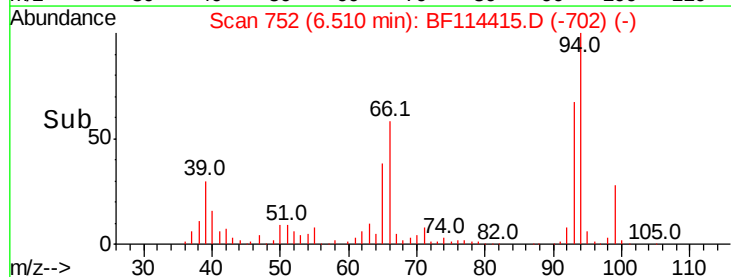
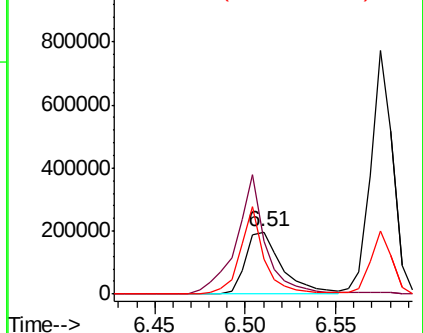
65 55.9 17.6 26.4#

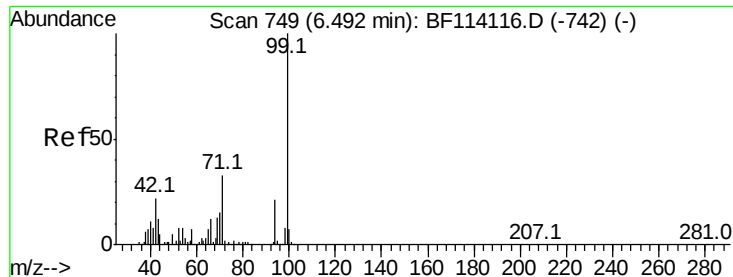


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 109.343 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF114415.D

Acq: 19 May 2019 3:12

Instrument :

BNA_F

ClientSampleId :

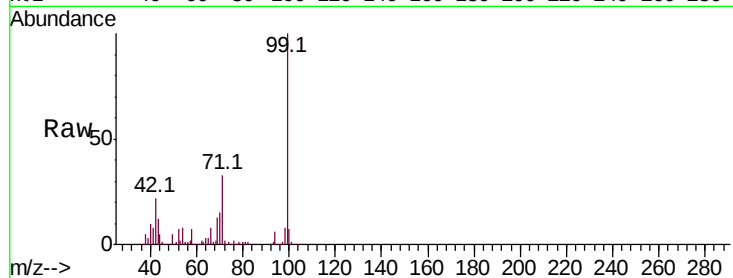
Tot Ion: 99 Resp: 1828430

Ion Ratio Lower Upper

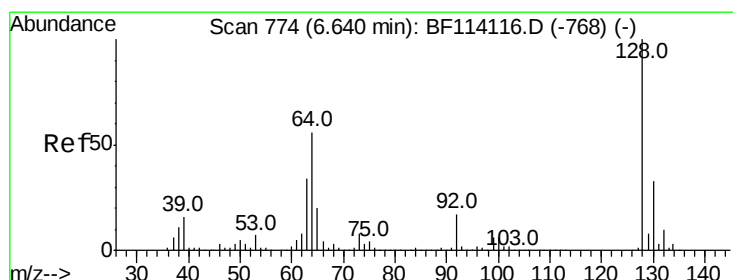
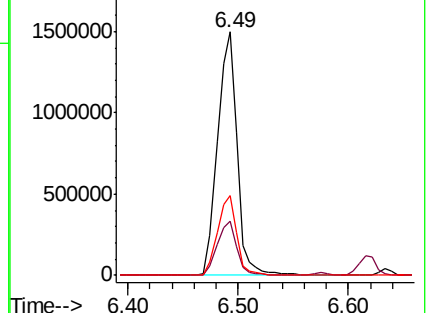
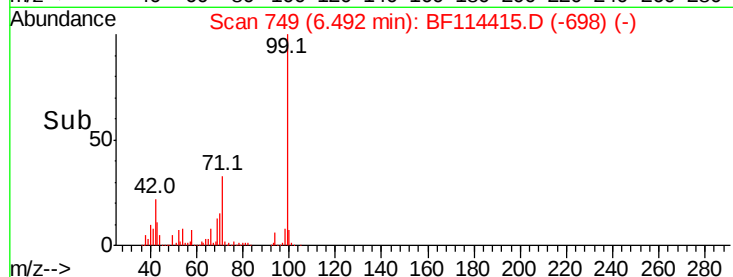
99 100

42 22.4 17.9 26.9

71 33.0 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: 41.967 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF114415.D

Acq: 19 May 2019 3:12

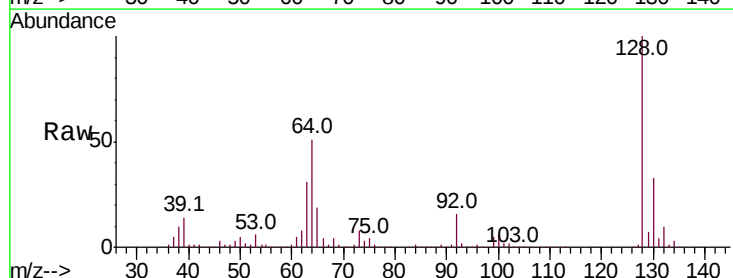
Tgt Ion:128 Resp: 633425

Ion Ratio Lower Upper

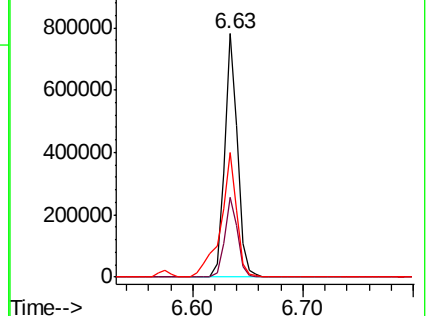
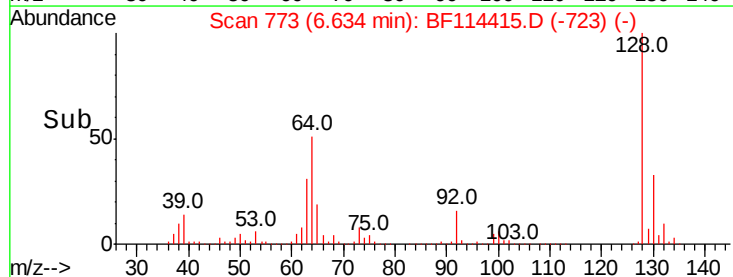
128 100

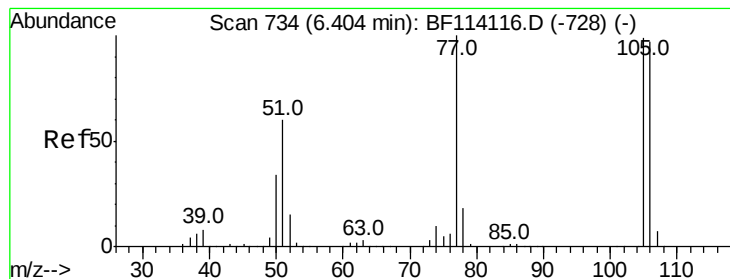
130 33.0 12.6 52.6

64 51.4 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: 16.418 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF114415.D

Acq: 19 May 2019 3:12

Instrument :

BNA_F

ClientSampleId :

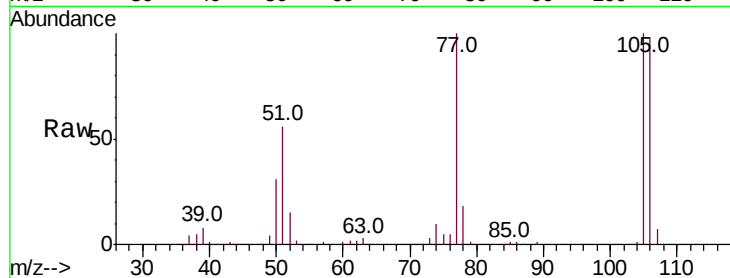
Tot Ion: 77 Resp: 192201

Ion Ratio Lower Upper

77 100

105 100.0 79.3 119.3

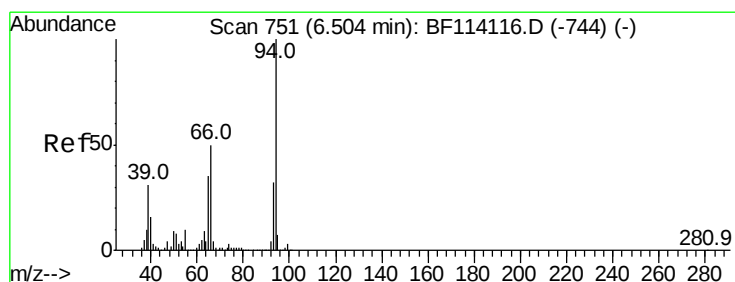
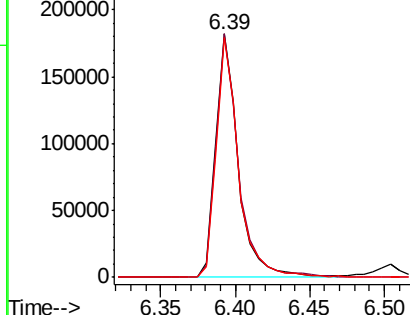
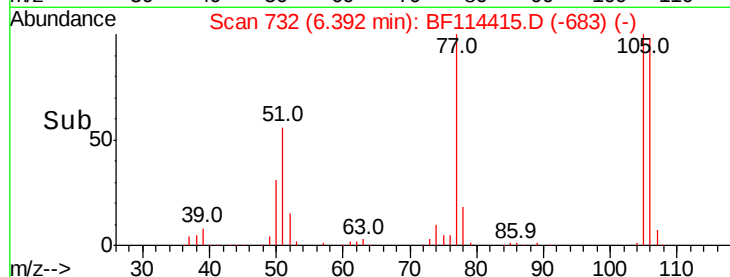
106 98.3 77.0 117.0



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 34.533 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF114415.D

Acq: 19 May 2019 3:12

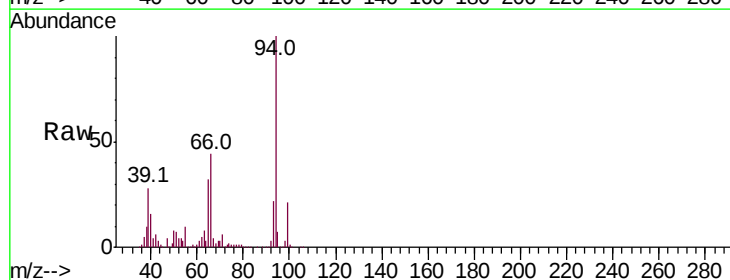
Tgt Ion: 94 Resp: 679301

Ion Ratio Lower Upper

94 100

65 32.1 14.7 54.7

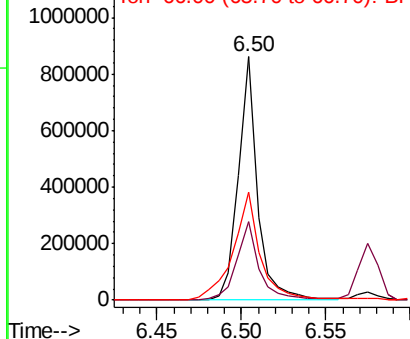
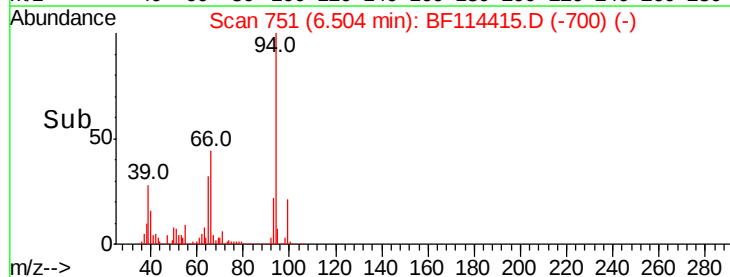
66 44.1 29.6 69.6

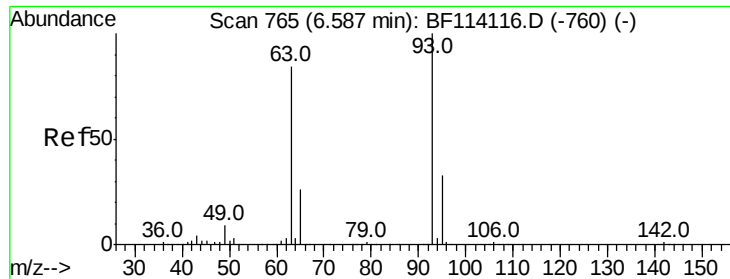


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

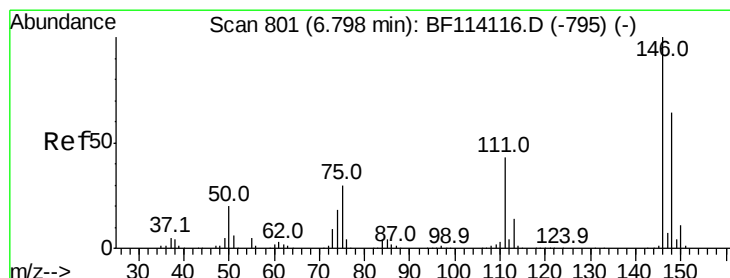
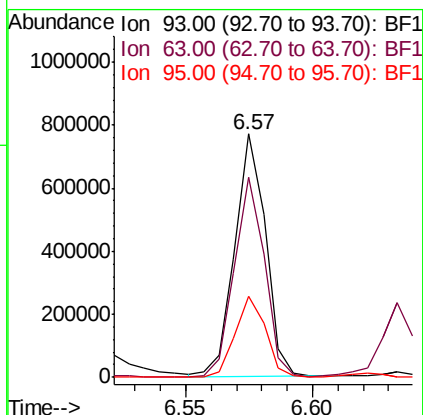
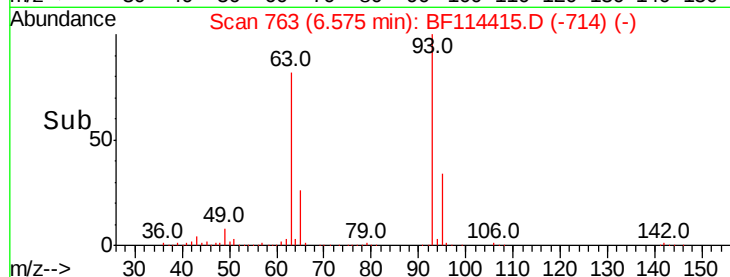
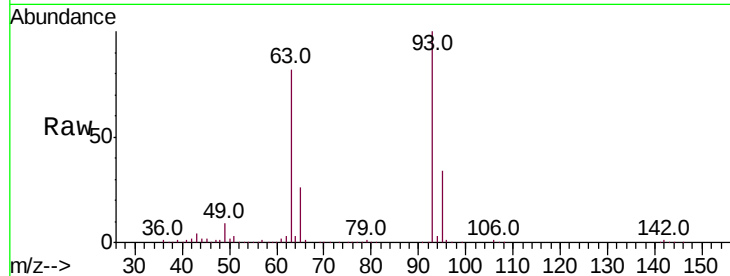




#11
bis(2-Chloroethyl)ether
Concen: 43.260 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

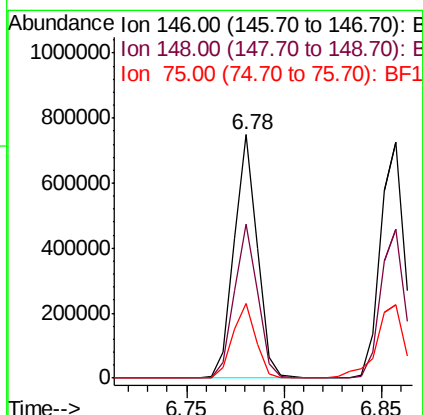
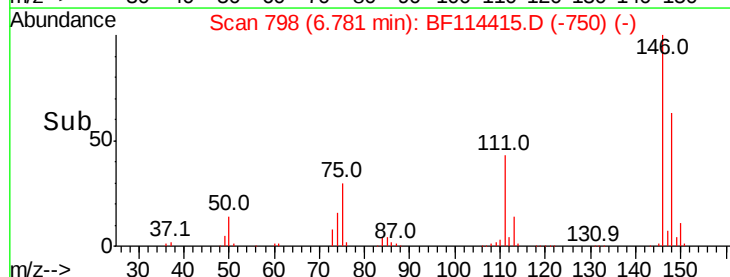
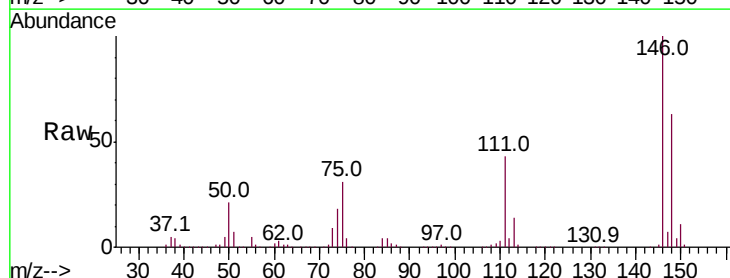
Instrument :
BNA_F
ClientSampleId :

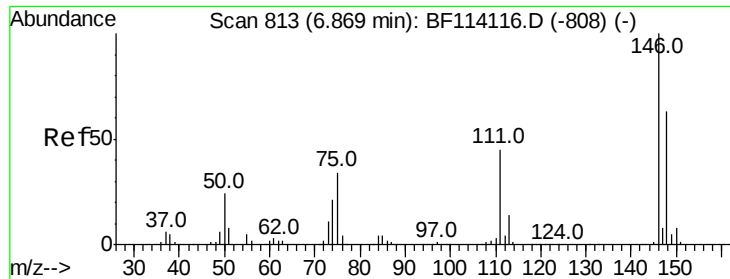
Tot Ion: 93 Resp: 646052
Ion Ratio Lower Upper
93 100
63 82.3 63.6 103.6
95 33.5 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 36.348 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

Tgt Ion: 146 Resp: 615835
Ion Ratio Lower Upper
146 100
148 63.4 51.6 77.4
75 30.8 24.2 36.2

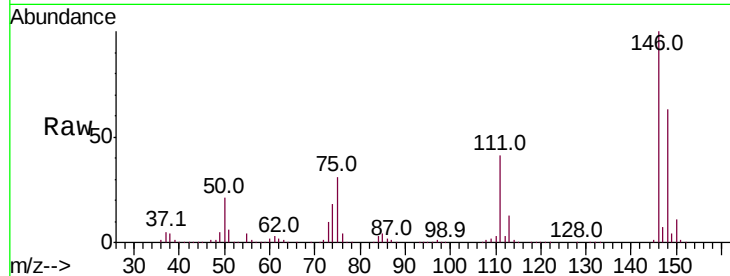




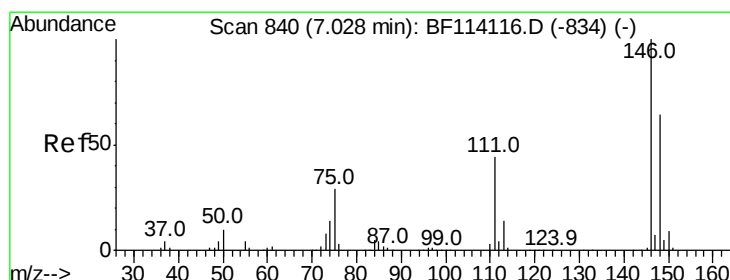
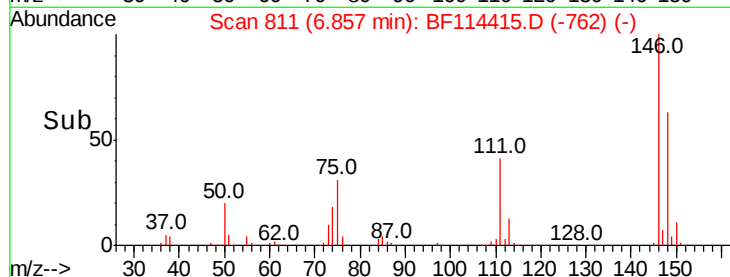
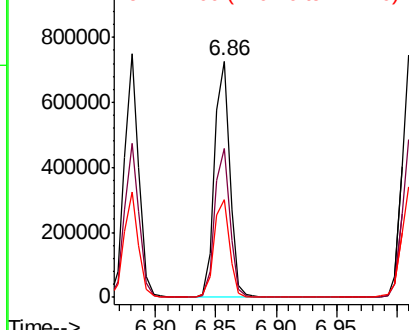
#13
 1,4-Dichlorobenzene
 Concen: 36.711 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF114415.D
 Acq: 19 May 2019 3:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 626762
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.2 75.2
 111 41.1 35.8 53.6

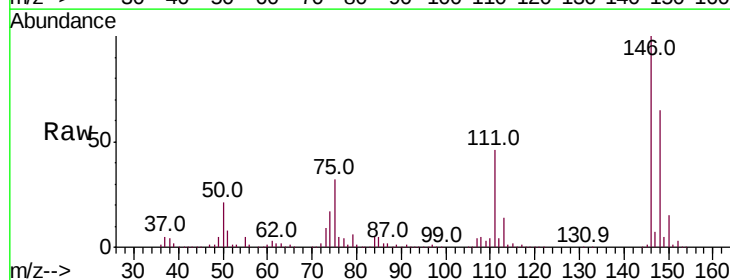


Abundance Ion 146.00 (145.70 to 146.70): E
 1000000 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

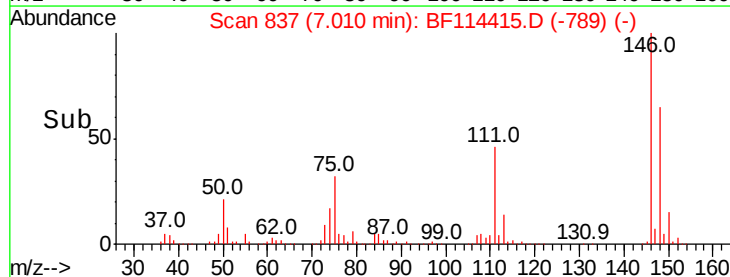
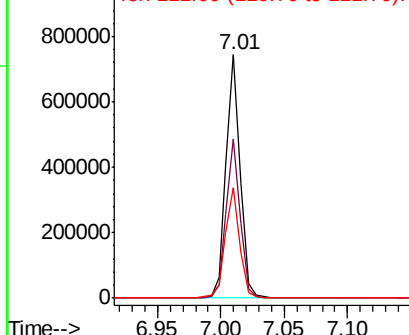


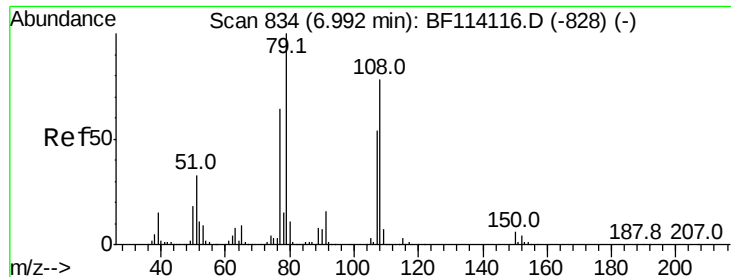
#14
 1,2-Dichlorobenzene
 Concen: 36.976 ng
 RT: 7.01 min Scan# 837
 Delta R.T. -0.02 min
 Lab File: BF114415.D
 Acq: 19 May 2019 3:12

Tgt Ion:146 Resp: 576741
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.1 76.7
 111 45.6 35.3 52.9



Abundance Ion 146.00 (145.70 to 146.70): E
 1000000 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.468 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF114415.D

Acq: 19 May 2019 3:12

Instrument :

BNA_F

ClientSampled :

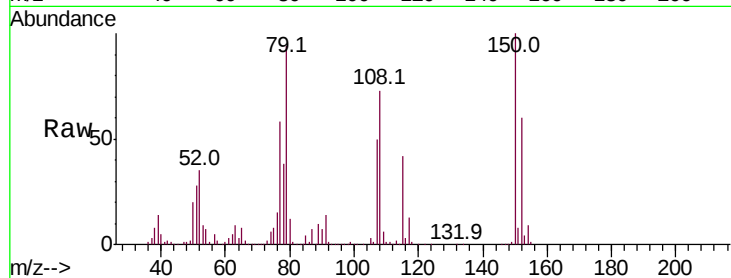
Tot Ion: 79 Resp: 527785

Ion Ratio Lower Upper

79 100

108 77.1 62.1 93.1

77 61.9 51.0 76.6



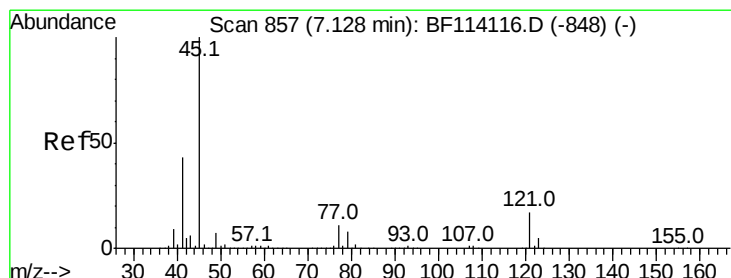
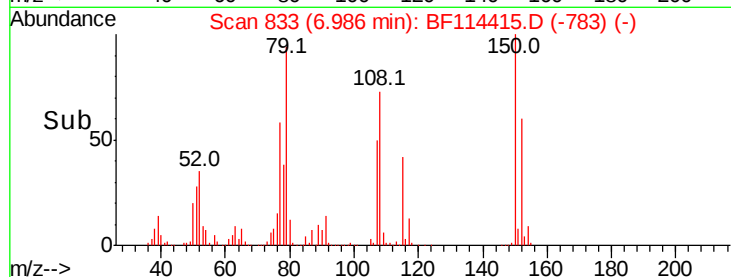
Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

6.99

Time-->



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.210 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.02 min

Lab File: BF114415.D

Acq: 19 May 2019 3:12

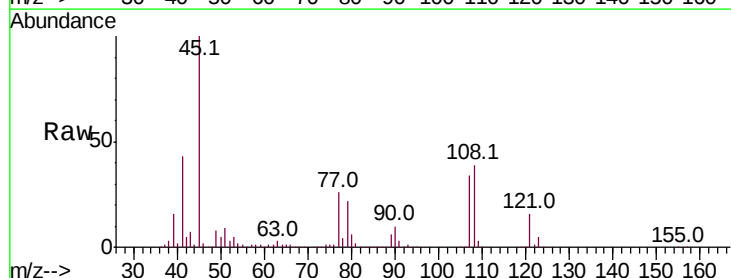
Tgt Ion: 45 Resp: 1164337

Ion Ratio Lower Upper

45 100

77 25.8 0.0 31.1

79 22.3 0.0 28.4



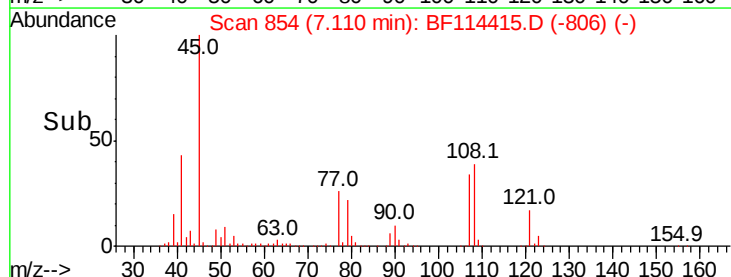
Abundance Ion 45.00 (44.70 to 45.70): BF1

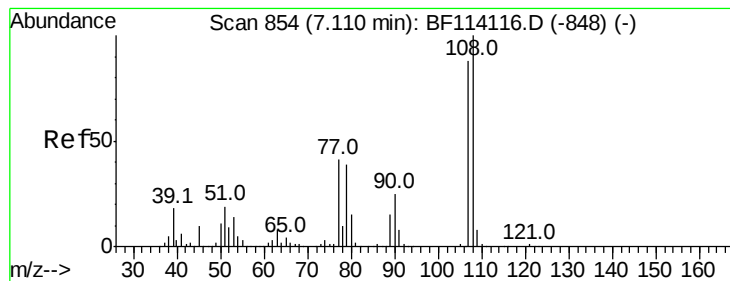
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

7.11

Time-->





#17

2-Methylphenol

Concen: 39.654 ng

RT: 7.10 min Scan# 853

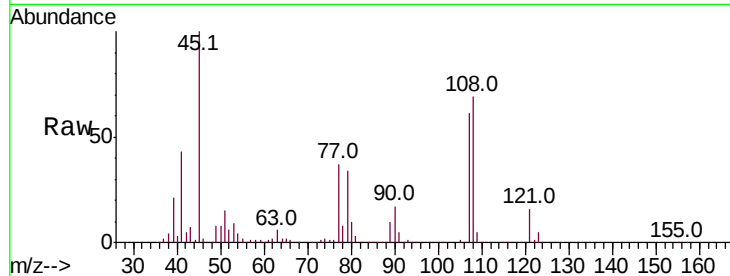
Delta R.T. -0.01 min

Lab File: BF114415.D

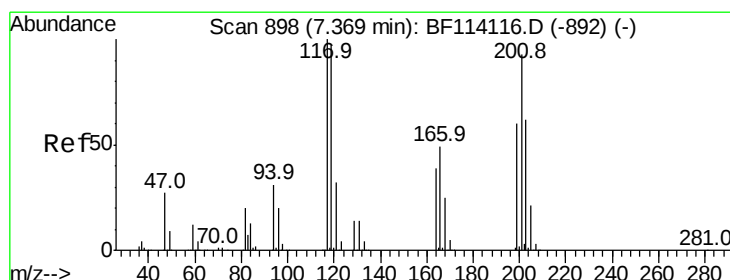
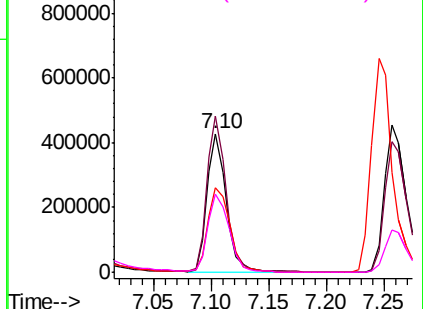
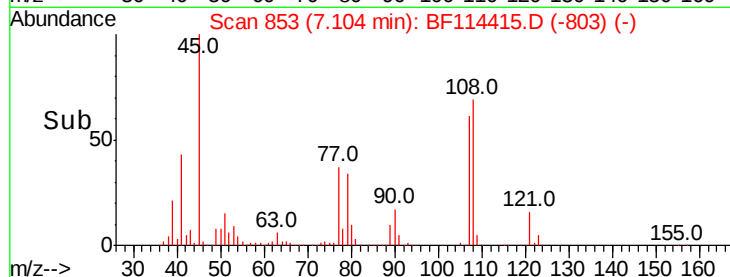
Acq: 19 May 2019 3:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	491663
Ion	Ratio	Lower	Upper
107	100		
108	113.1	90.5	135.7
77	61.4	37.0	55.4#
79	56.3	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: 35.545 ng

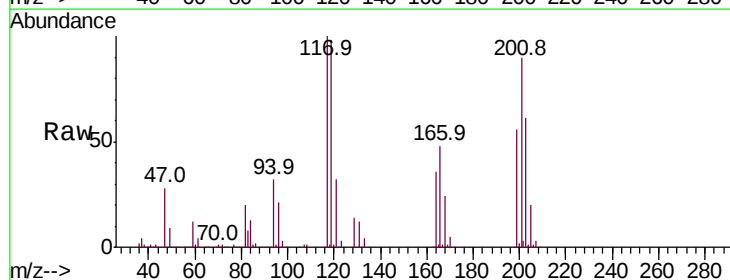
RT: 7.35 min Scan# 894

Delta R.T. -0.02 min

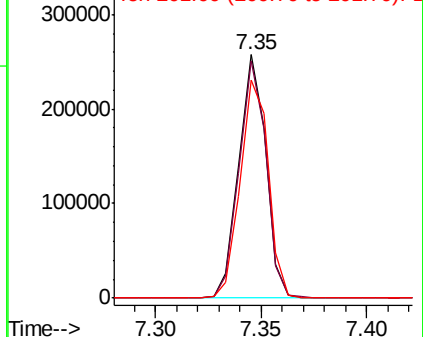
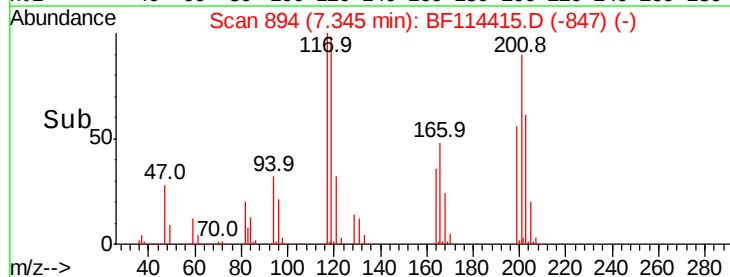
Lab File: BF114415.D

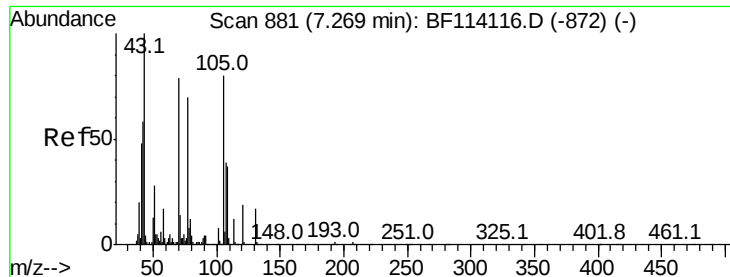
Acq: 19 May 2019 3:12

Tgt Ion:	117	Resp:	227787
Ion	Ratio	Lower	Upper
117	100		
119	97.7	77.4	116.2
201	89.5	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

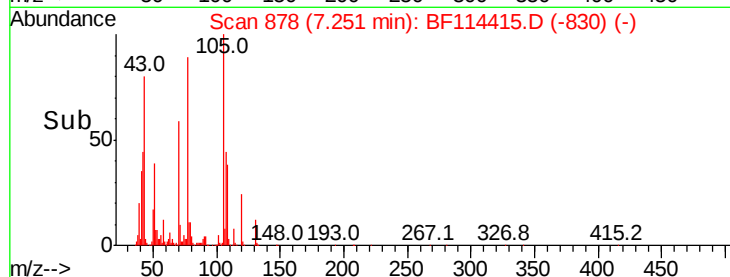
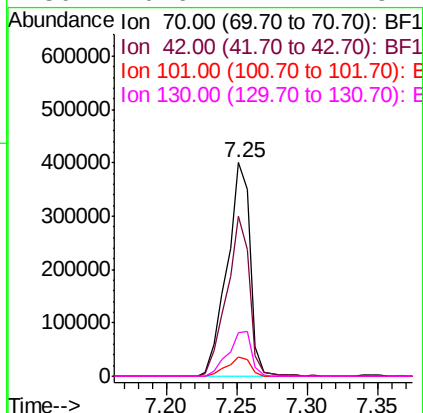
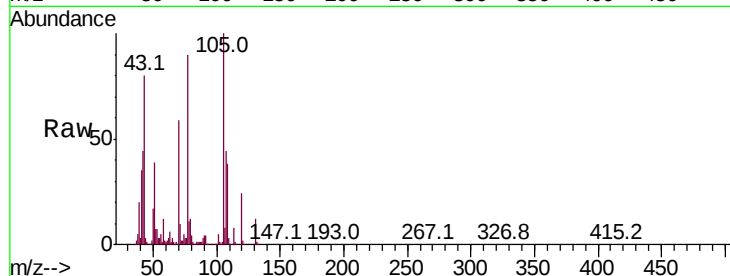




#19
n-Nitroso-di-n-propylamine
Concen: 43.022 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

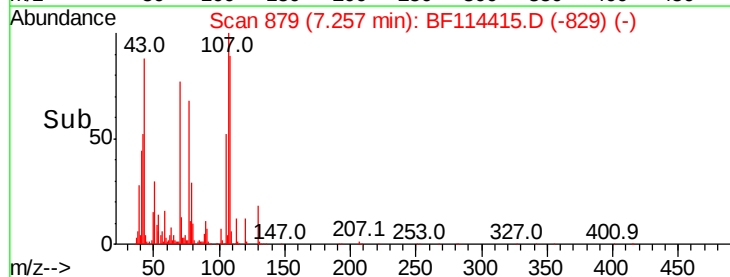
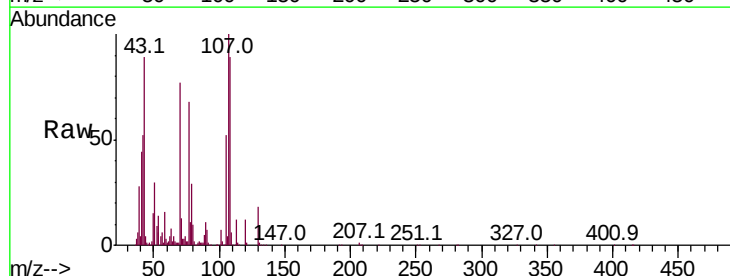
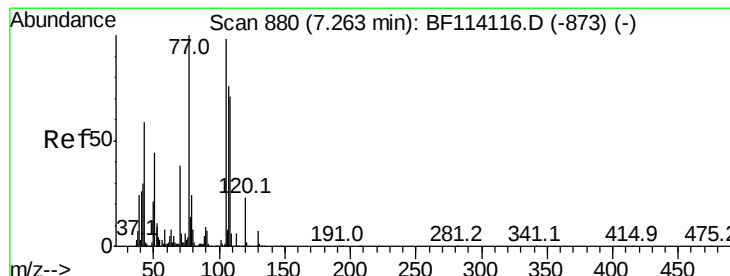
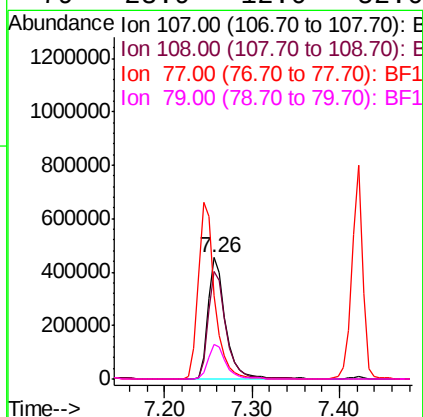
Instrument :
BNA_F
ClientSampleId :

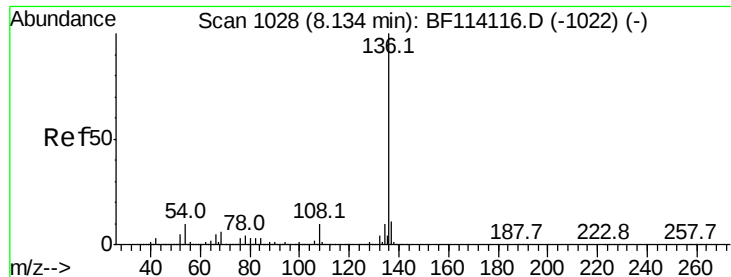
Tot Ion: 70 Resp: 455999
Ion Ratio Lower Upper
70 100
42 74.9 58.6 87.8
101 9.2 7.8 11.8
130 20.6 17.1 25.7



#20
3+4-Methylphenols
Concen: 43.513 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

Tgt Ion:107 Resp: 623335
Ion Ratio Lower Upper
107 100
108 88.7 73.8 113.8
77 68.2 111.5 151.5#
79 28.9 12.0 52.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.02 min

Lab File: BF114415.D

Acq: 19 May 2019 3:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 844405

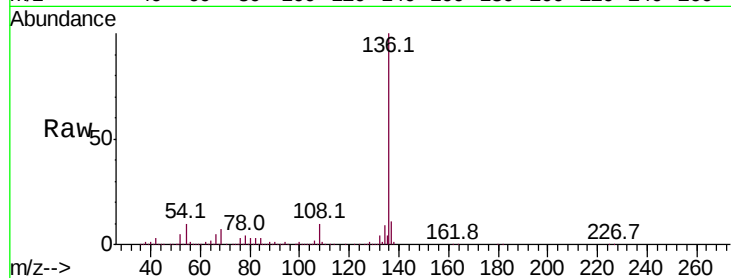
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 9.9 7.8 11.8

68 6.6 5.1 7.7

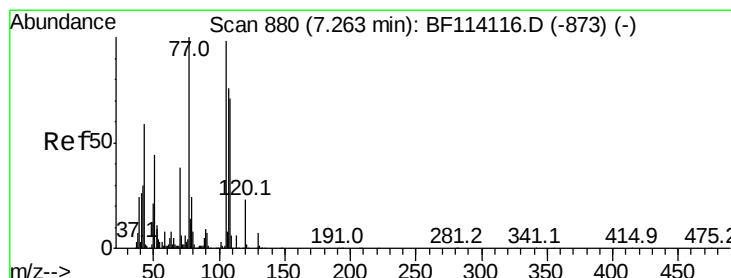
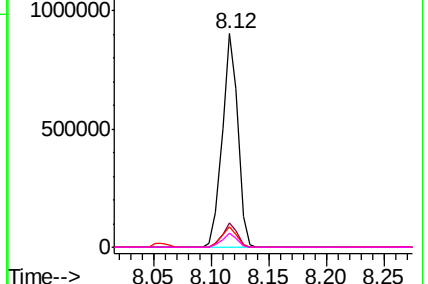
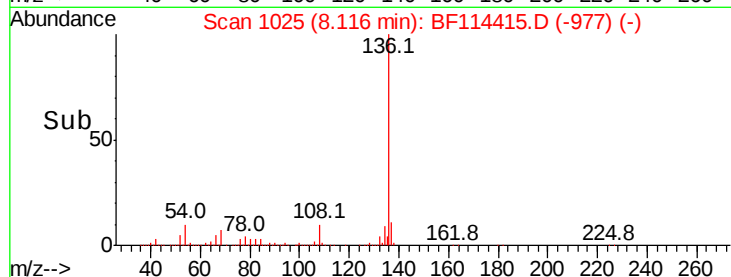


Abundance Ion 136.00 (135.70 to 136.70): E

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: 46.224 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.02 min

Lab File: BF114415.D

Acq: 19 May 2019 3:12

Tgt Ion:105 Resp: 864681

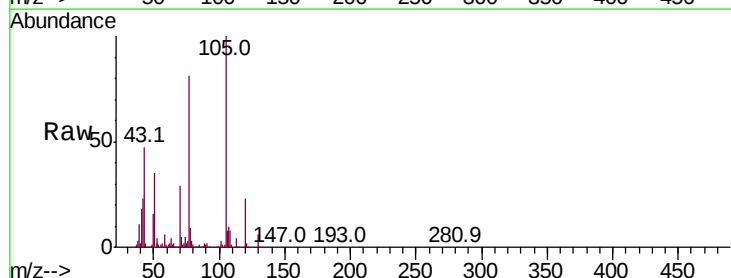
Ion Ratio Lower Upper

105 100

71 5.0 5.3 7.9#

51 34.6 36.2 54.4#

120 23.0 18.6 28.0

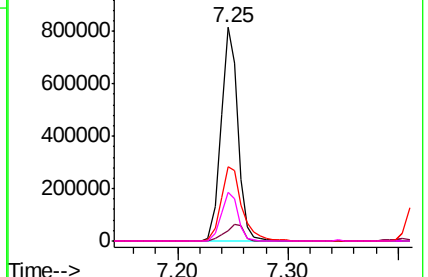
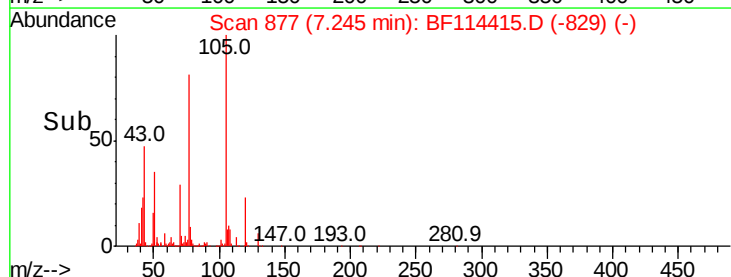


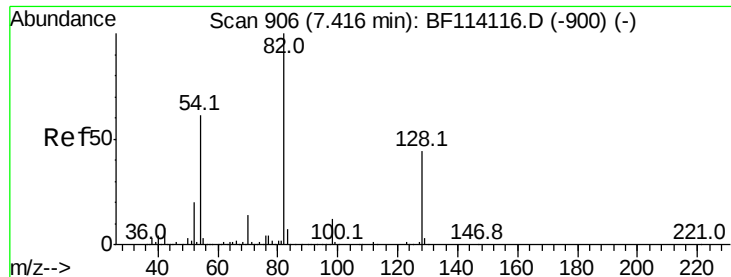
Abundance Ion 105.00 (104.70 to 105.70): E

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



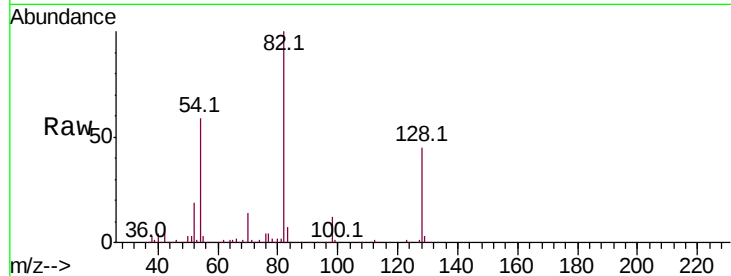


#23
 Nitrobenzene-d5
 Concen: 86.113 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF114415.D
 Acq: 19 May 2019 3:12

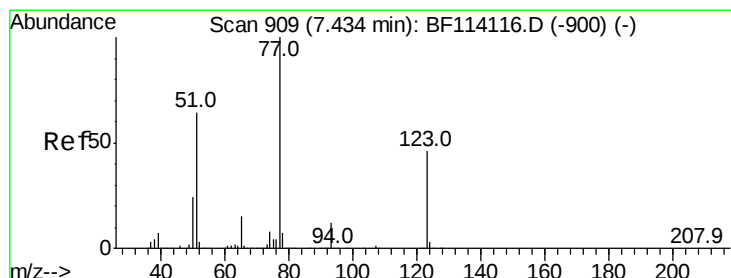
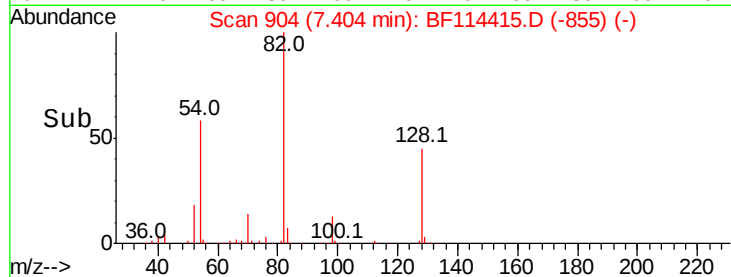
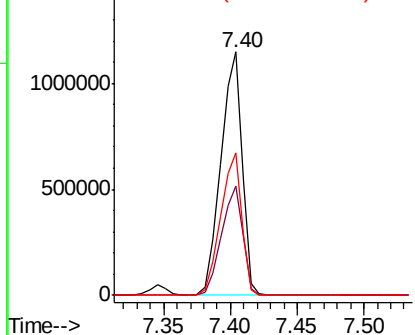
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1295690

Ion	Ratio	Lower	Upper
82	100		
128	44.9	35.5	53.3
54	58.8	48.5	72.7



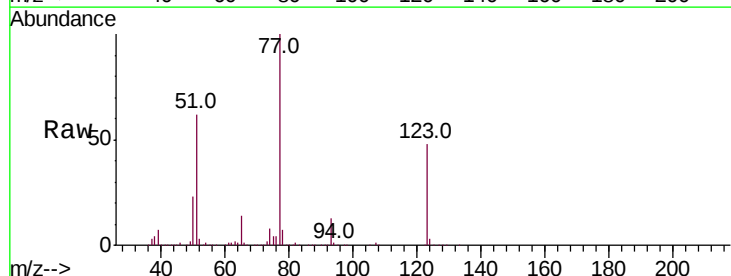
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



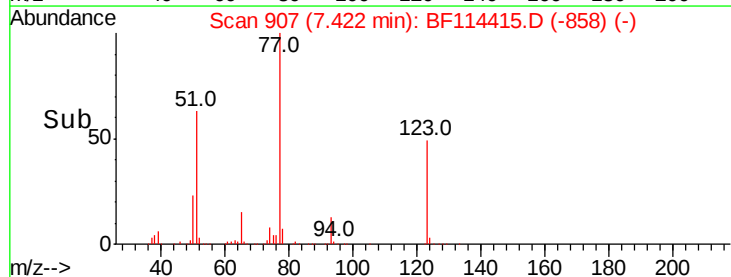
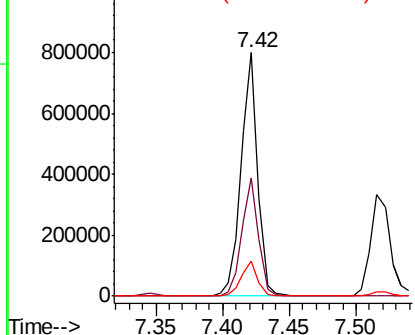
#24
 Nitrobenzene
 Concen: 44.919 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF114415.D
 Acq: 19 May 2019 3:12

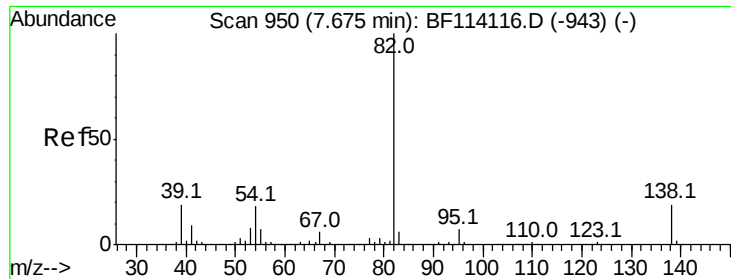
Tgt Ion: 77 Resp: 688370

Ion	Ratio	Lower	Upper
77	100		
123	48.5	36.9	55.3
65	14.5	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: 45.509 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF114415.D

Acq: 19 May 2019 3:12

Instrument :

BNA_F

ClientSampled :

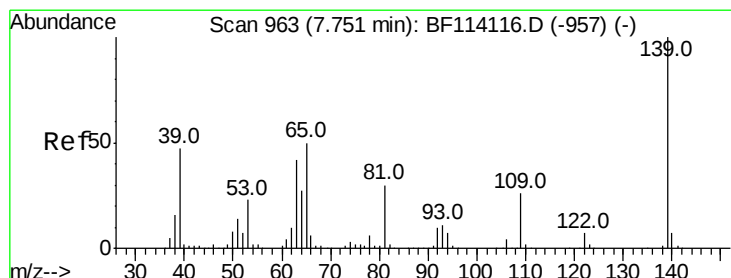
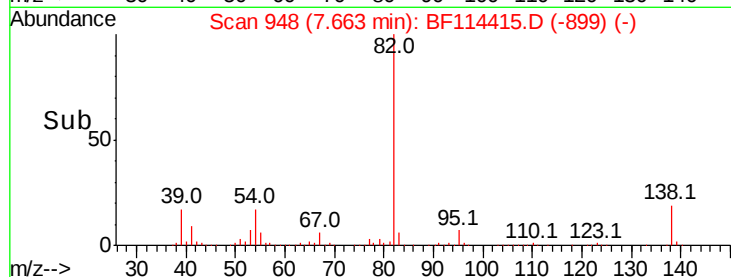
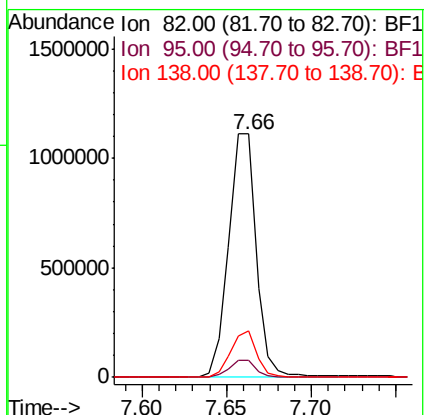
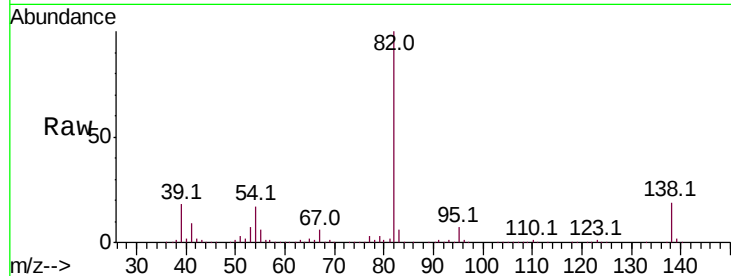
Tot Ion: 82 Resp: 1269941

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

138 19.1 14.8 22.2



#26

2-Nitrophenol

Concen: 47.070 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF114415.D

Acq: 19 May 2019 3:12

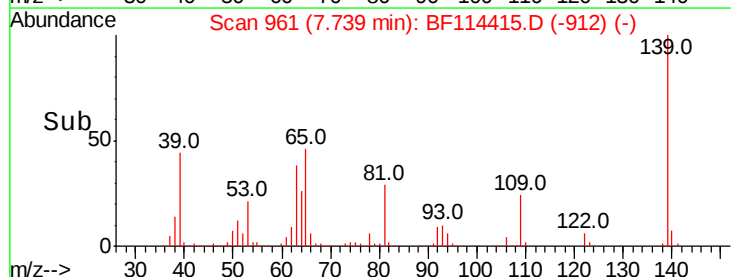
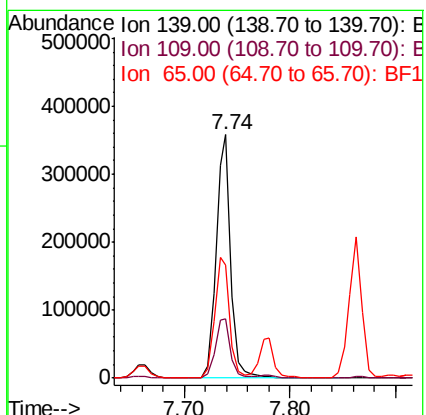
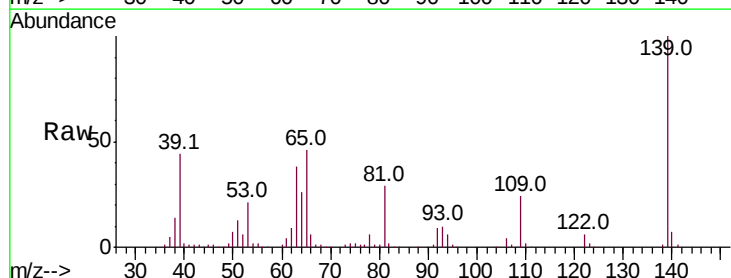
Tgt Ion:139 Resp: 349969

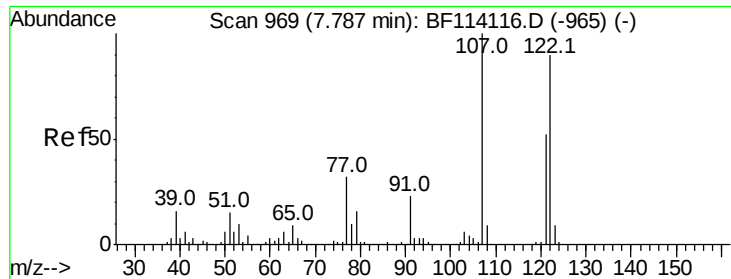
Ion Ratio Lower Upper

139 100

109 24.3 20.7 31.1

65 46.5 40.2 60.2

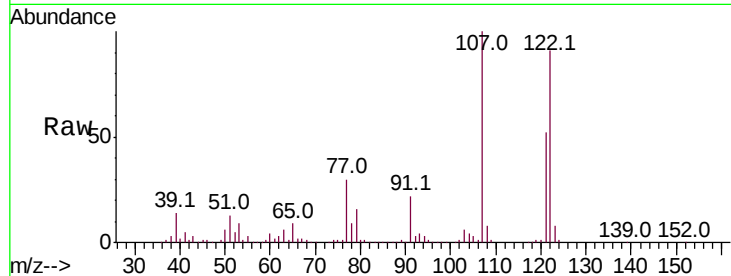




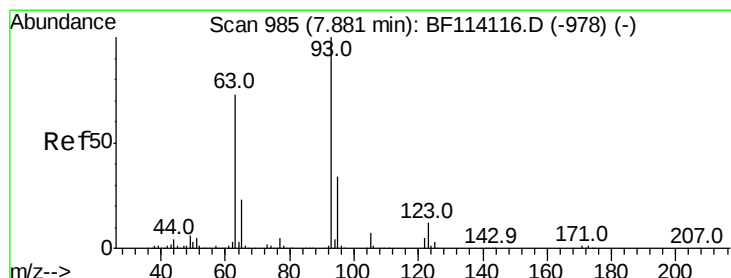
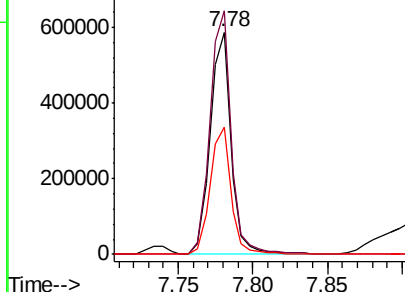
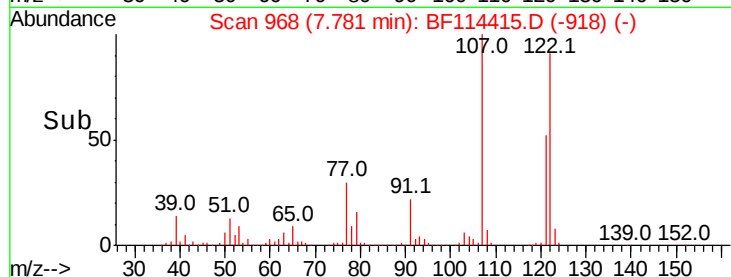
#27
2,4-Dimethylphenol
Concen: 48.382 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 564982
Ion Ratio Lower Upper
122 100
107 109.6 88.4 132.6
121 57.0 45.9 68.9

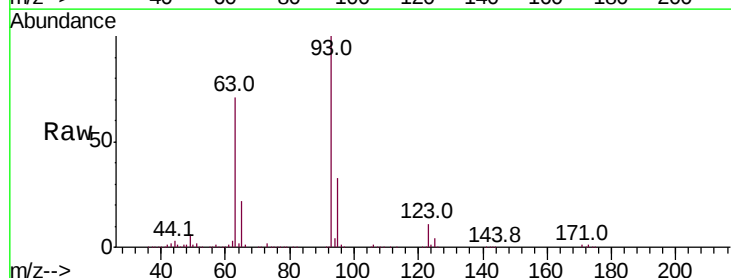


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

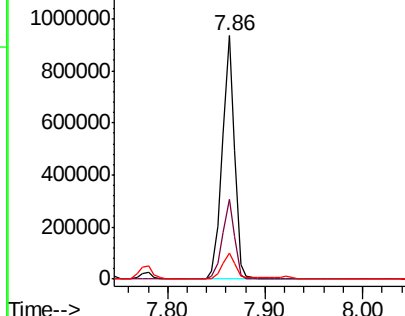
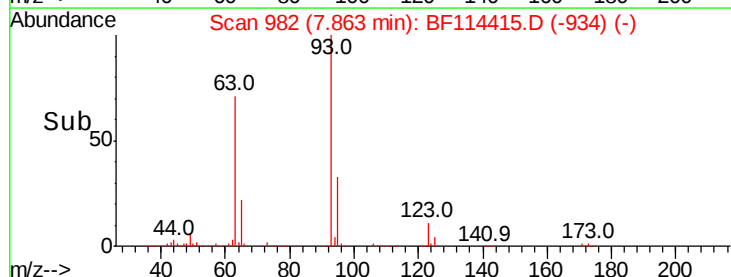


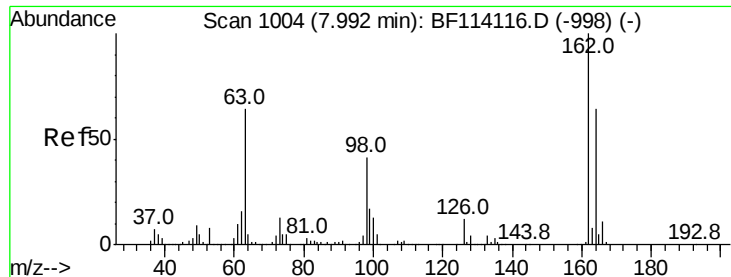
#28
bis(2-Chloroethoxy)methane
Concen: 45.223 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.02 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

Tgt Ion: 93 Resp: 818805
Ion Ratio Lower Upper
93 100
95 32.7 26.8 40.2
123 10.7 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

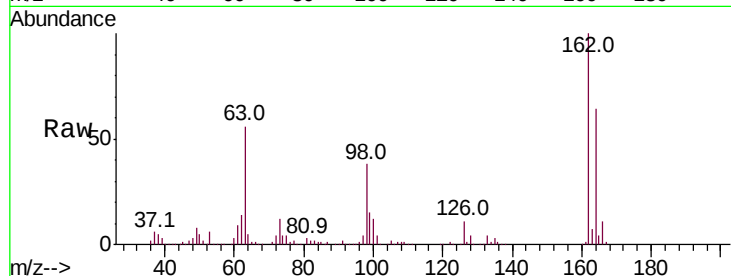




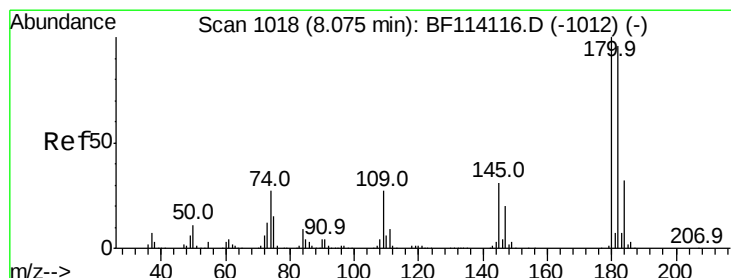
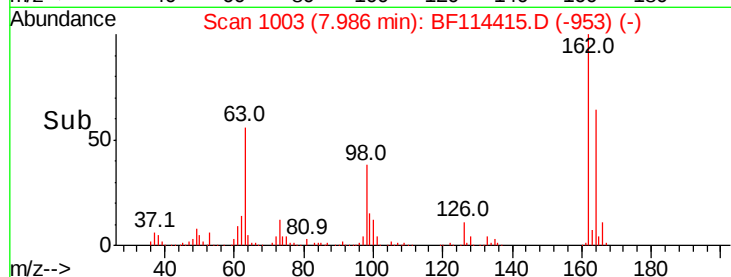
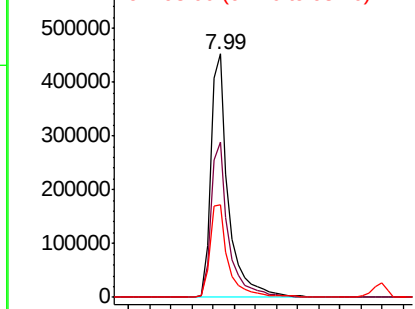
#29
 2,4-Dichlorophenol
 Concen: 45.298 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BF114415.D
 Acq: 19 May 2019 3:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	43.6	83.6
98	37.9	20.6	60.6

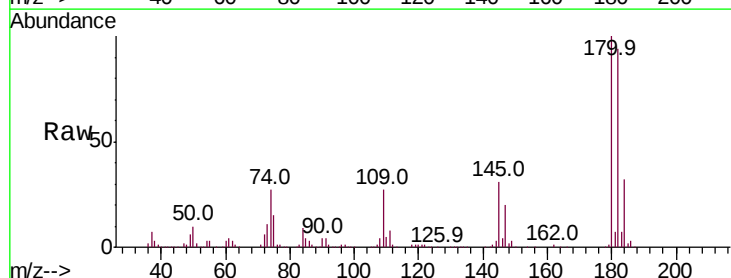


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

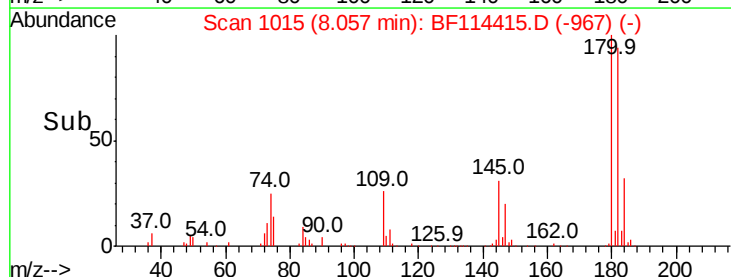
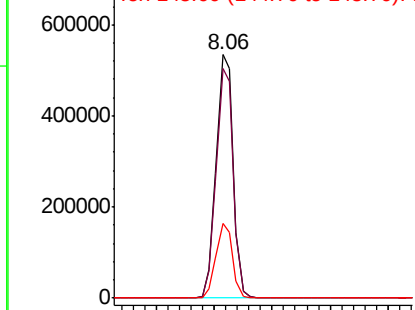


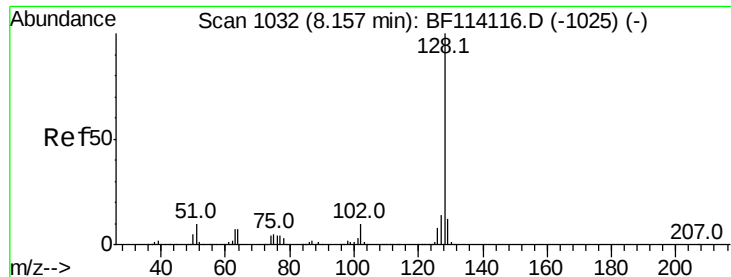
#30
 1,2,4-Trichlorobenzene
 Concen: 41.351 ng
 RT: 8.06 min Scan# 1015
 Delta R.T. -0.02 min
 Lab File: BF114415.D
 Acq: 19 May 2019 3:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	76.6	114.8
145	30.9	25.1	37.7



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

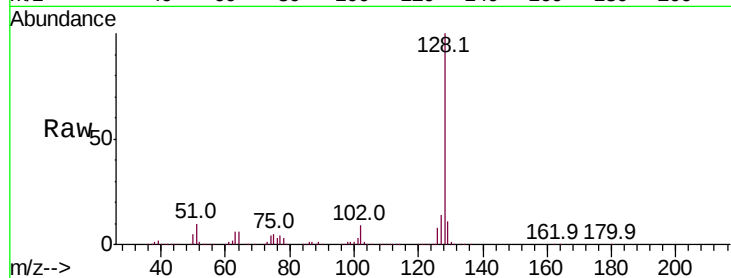




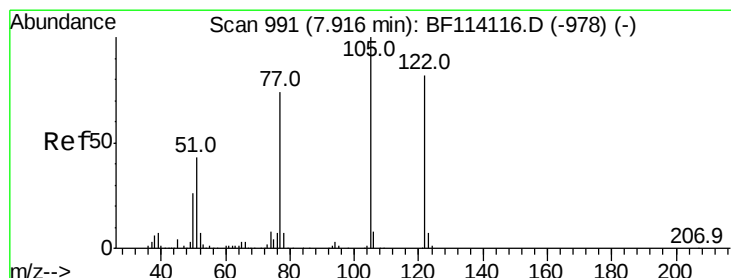
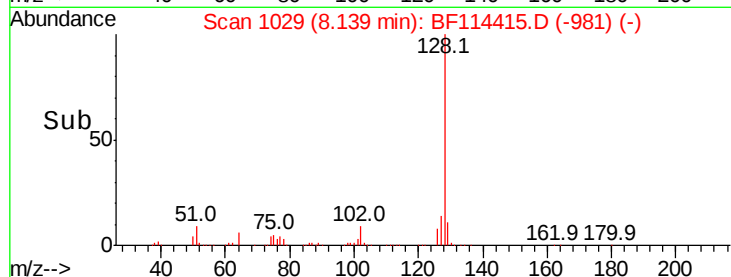
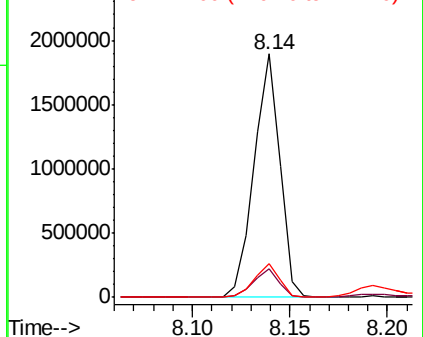
#31
Naphthalene
Concen: 44.092 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.02 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1739154
Ion Ratio Lower Upper
128 100
129 11.5 9.6 14.4
127 13.7 11.3 16.9

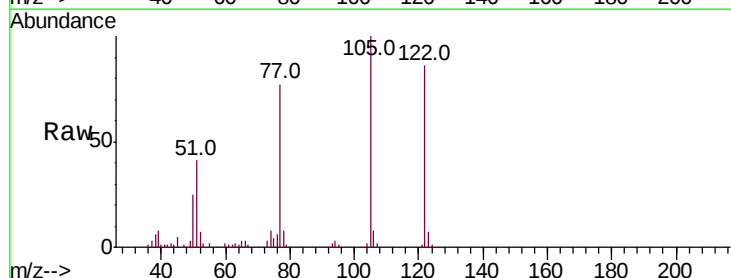


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

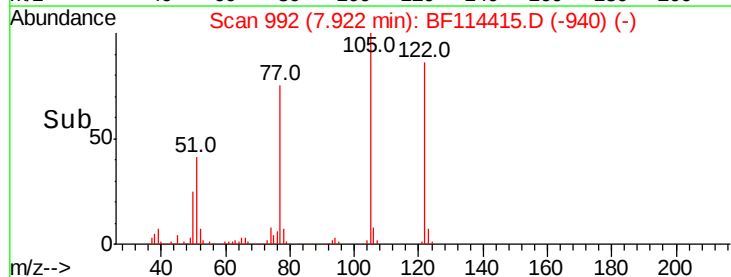
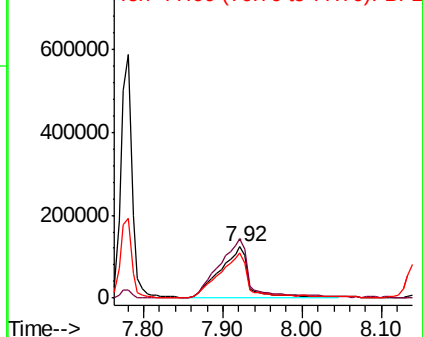


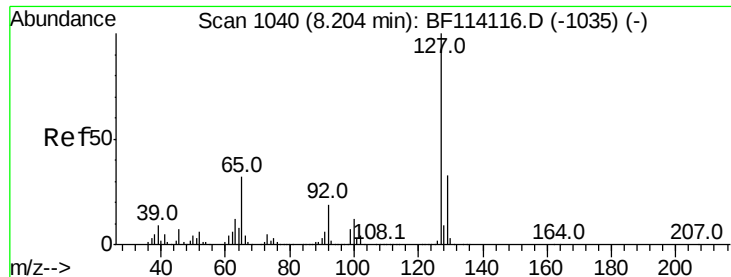
#32
Benzoic acid
Concen: 38.547 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.01 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

Tgt Ion:122 Resp: 307470
Ion Ratio Lower Upper
122 100
105 116.6 99.9 139.9
77 89.4 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

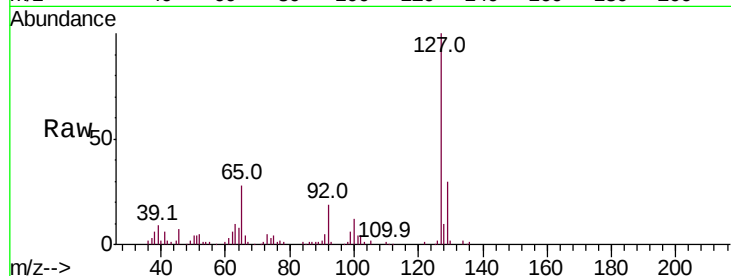




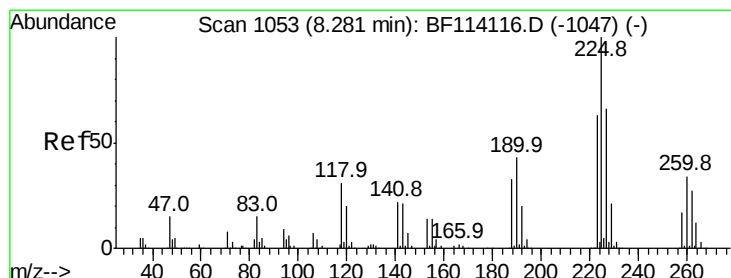
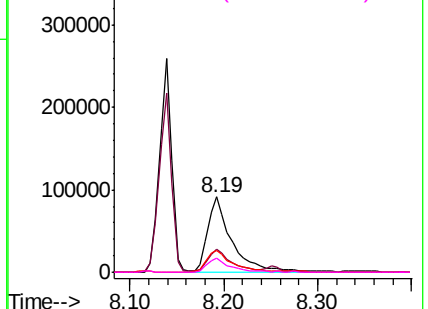
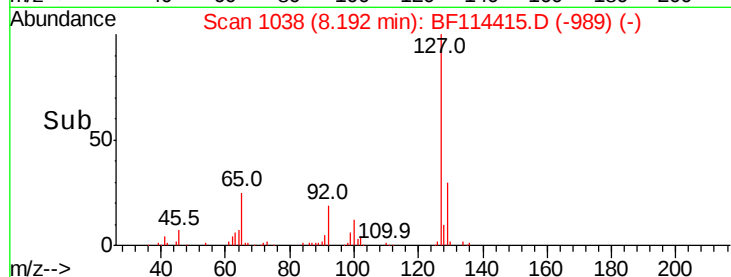
#33
 4-Chloroaniline
 Concen: 9.069 ng
 RT: 8.19 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF114415.D
 Acq: 19 May 2019 3:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	163007
Ion	Ratio	Lower	Upper
127	100		
129	30.3	26.7	40.1
65	28.5	25.4	38.0
92	19.3	15.4	23.2

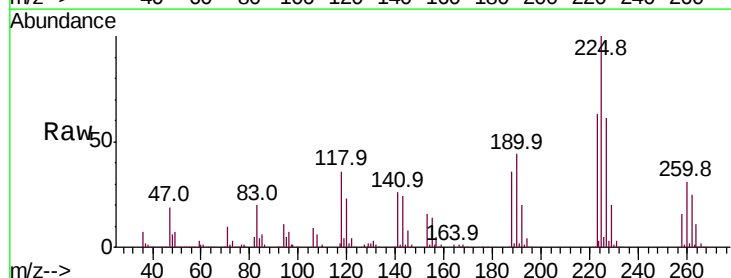


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

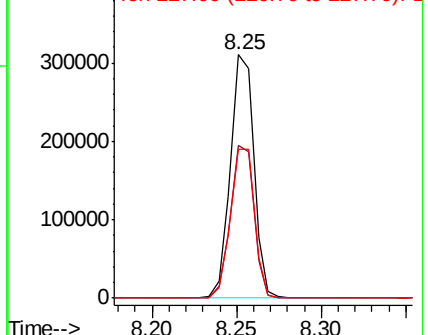
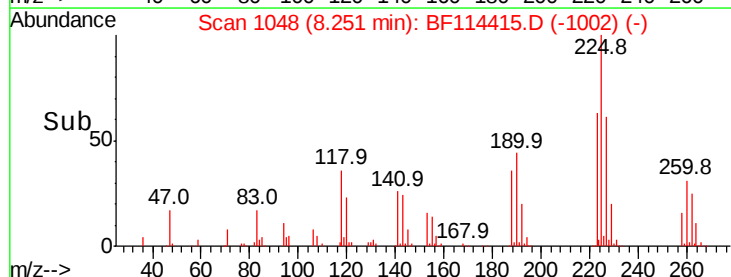


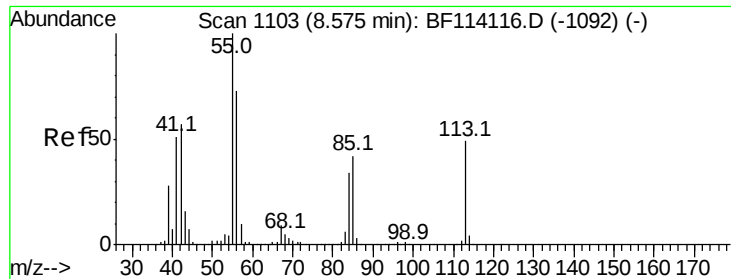
#34
 Hexachlorobutadiene
 Concen: 39.663 ng
 RT: 8.25 min Scan# 1048
 Delta R.T. -0.03 min
 Lab File: BF114415.D
 Acq: 19 May 2019 3:12

Tgt Ion:	225	Resp:	298397
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.2	75.2
227	61.3	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

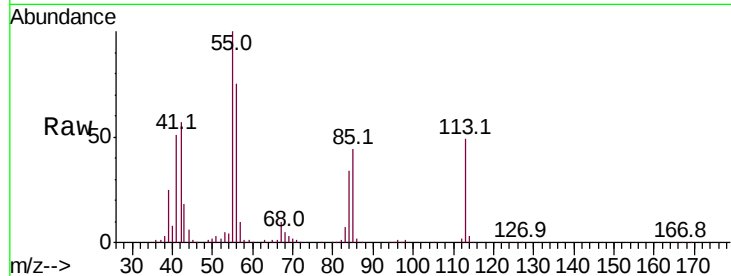




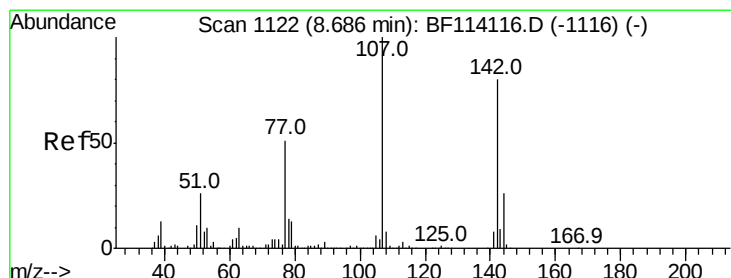
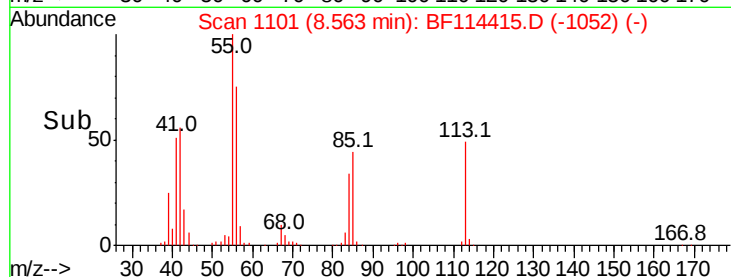
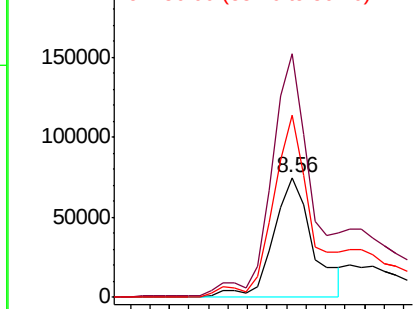
#35
 Caprolactam
 Concen: 27.746 ng
 RT: 8.56 min Scan# 1101
 Delta R.T. -0.01 min
 Lab File: BF114415.D
 Acq: 19 May 2019 3:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 105202
 Ion Ratio Lower Upper
 113 100
 55 203.2 183.5 223.5
 56 151.6 128.8 168.8

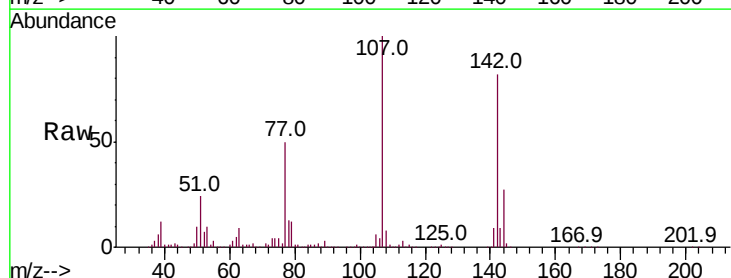


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

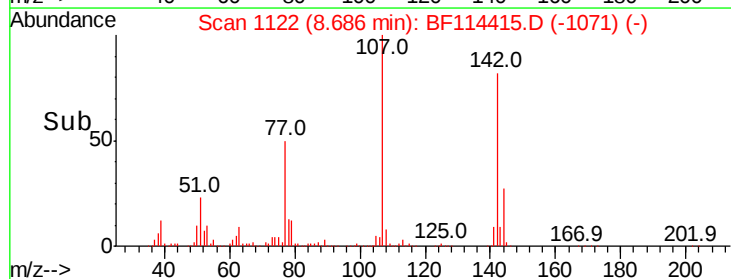
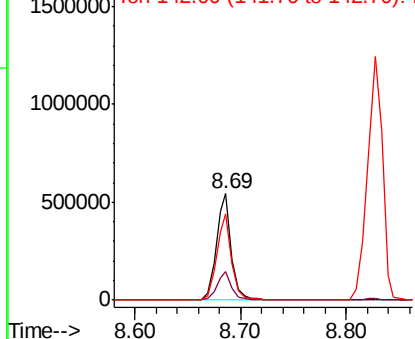


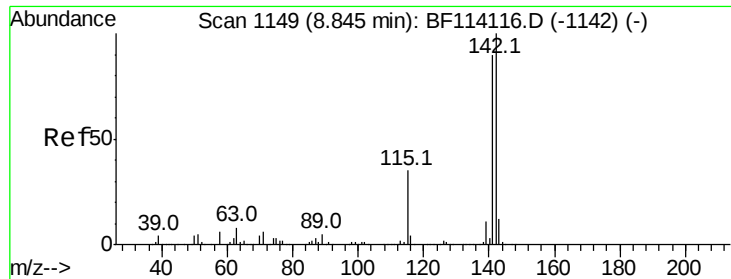
#36
 4-Chloro-3-methylphenol
 Concen: 46.296 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.00 min
 Lab File: BF114415.D
 Acq: 19 May 2019 3:12

Tgt Ion:107 Resp: 541867
 Ion Ratio Lower Upper
 107 100
 144 27.0 20.4 30.6
 142 81.6 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

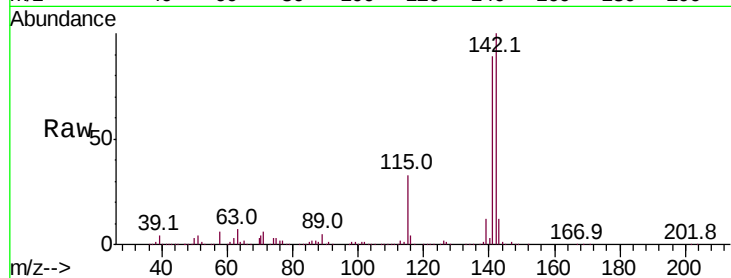




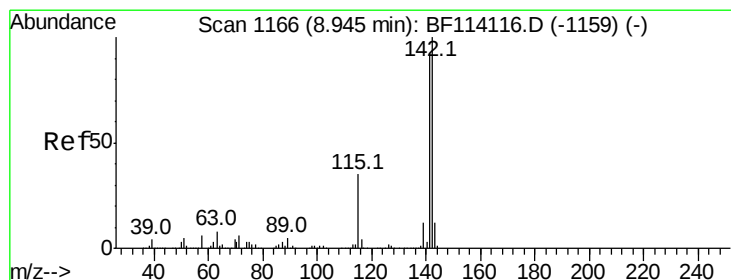
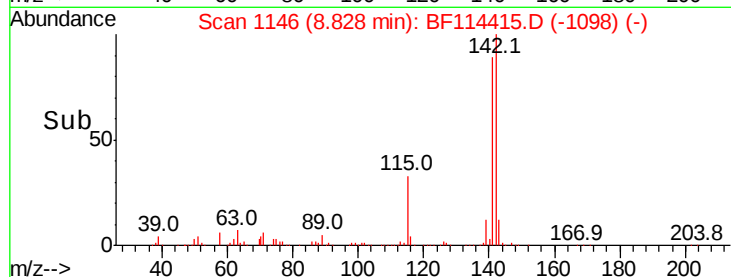
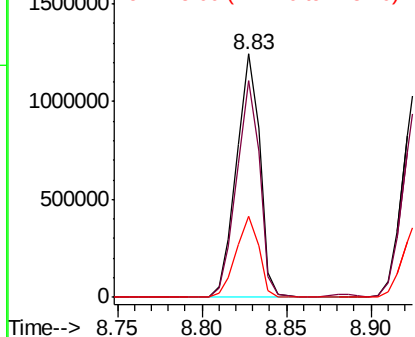
#37
2-Methylnaphthalene
Concen: 47.179 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1200646
Ion Ratio Lower Upper
142 100
141 88.8 72.1 108.1
115 33.3 28.0 42.0

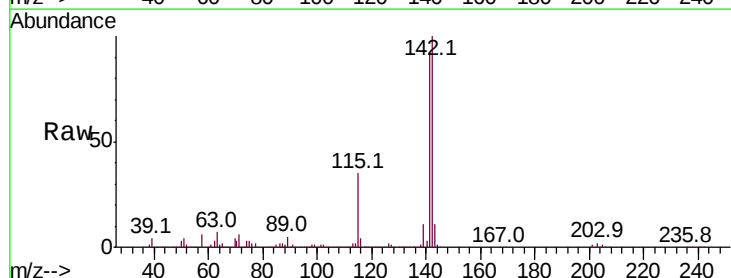


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

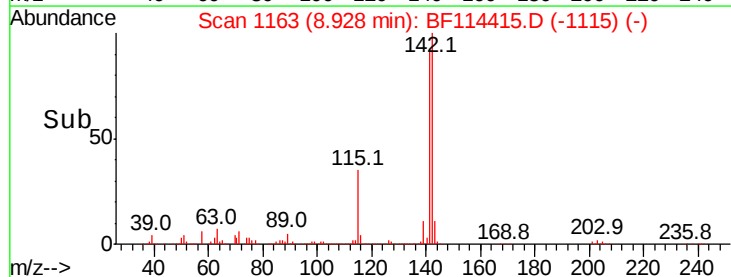
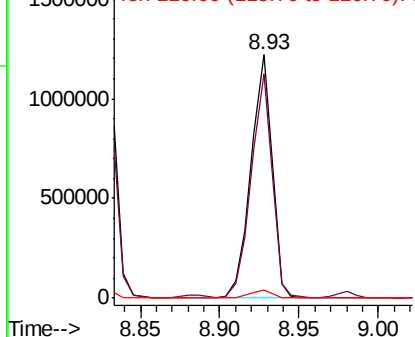


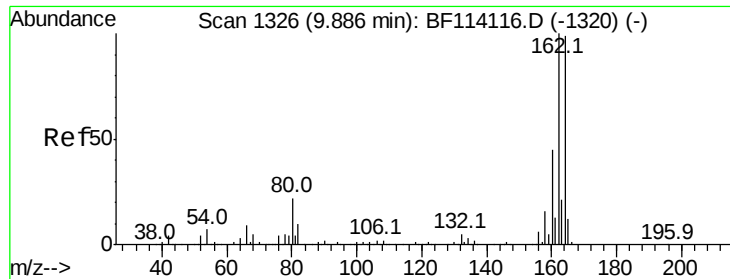
#38
1-Methylnaphthalene
Concen: 47.068 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.02 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

Tgt Ion:142 Resp: 1128018
Ion Ratio Lower Upper
142 100
141 92.0 73.4 110.0
116 3.6 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

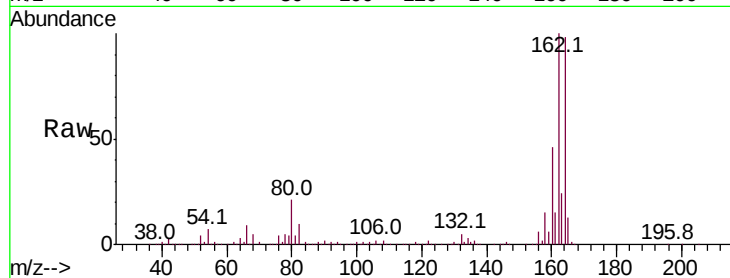




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.6	120.8
160	46.7	36.5	54.7

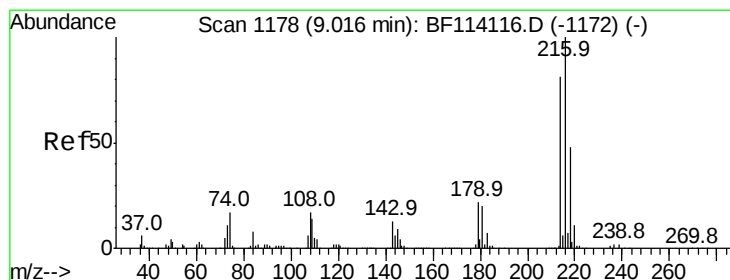
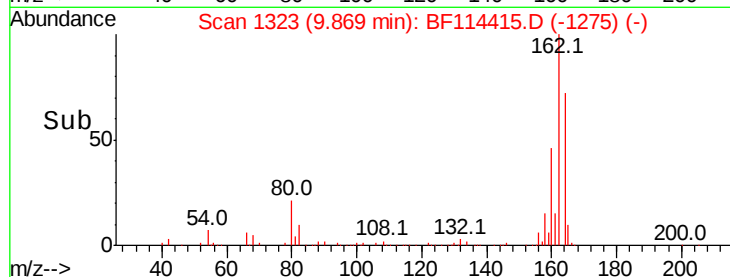
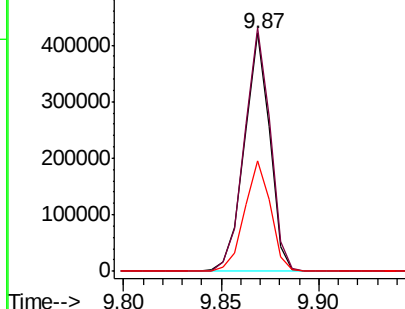


Abundance

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: 47.898 ng
RT: 9.00 min Scan# 1175
Delta R.T. -0.02 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.9	95.9
179	20.9	17.0	25.6
108	18.4	14.8	22.2

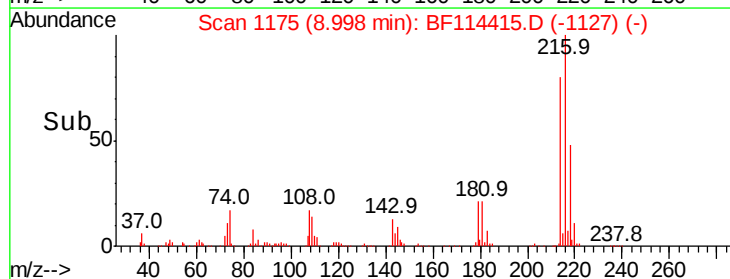
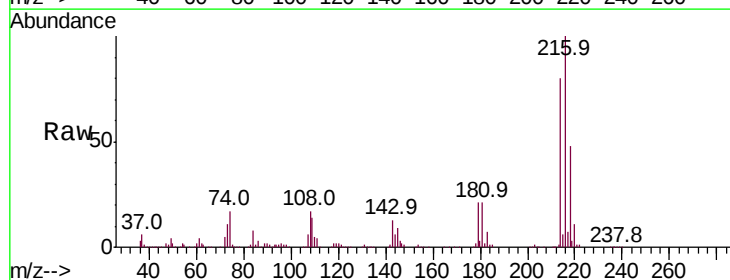
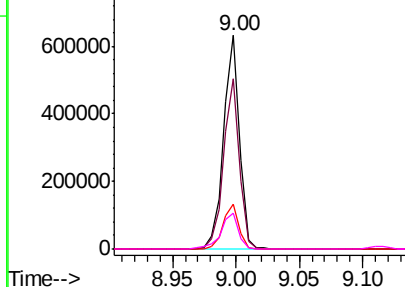
Abundance

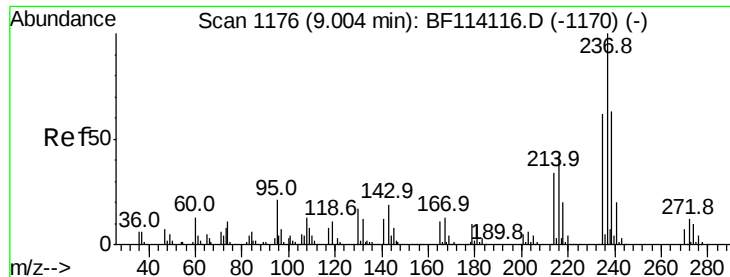
Ion 216.00 (215.70 to 216.70): E

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: 40.768 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BF114415.D

Acq: 19 May 2019 3:12

Instrument :

BNA_F

ClientSampleId :

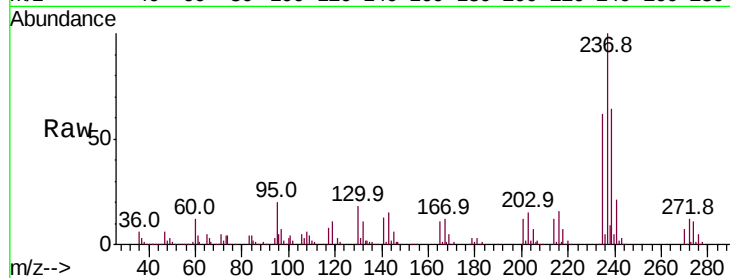
Tot Ion:237 Resp: 206045

Ion Ratio Lower Upper

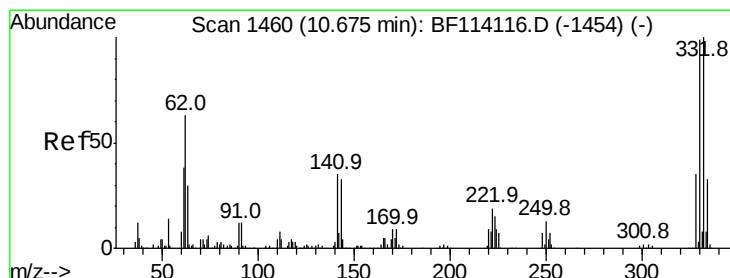
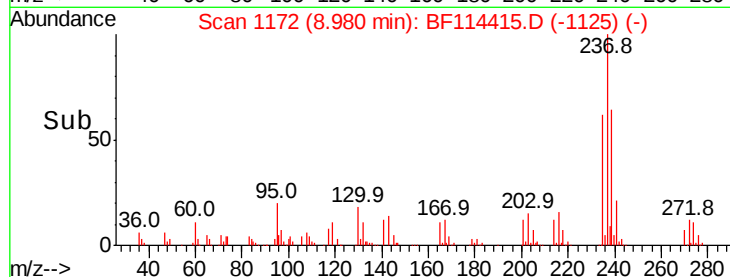
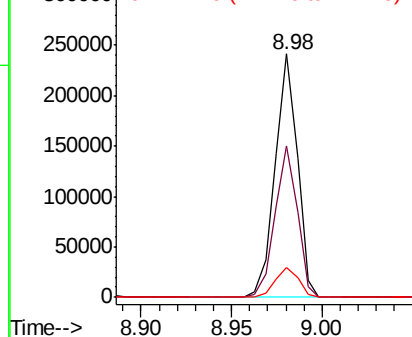
237 100

235 62.2 42.0 82.0

272 12.5 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: 117.921 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF114415.D

Acq: 19 May 2019 3:12

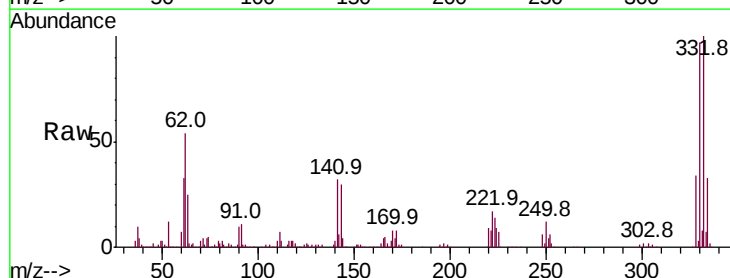
Tgt Ion:330 Resp: 461993

Ion Ratio Lower Upper

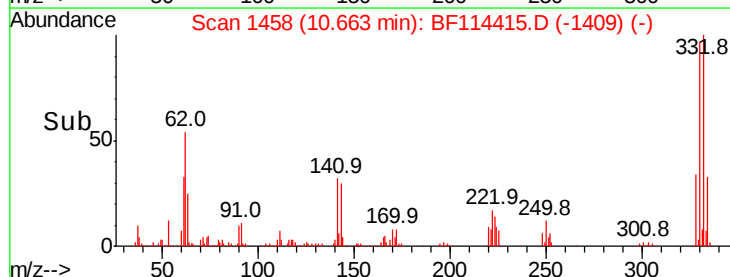
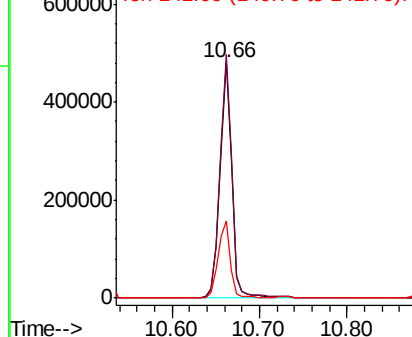
330 100

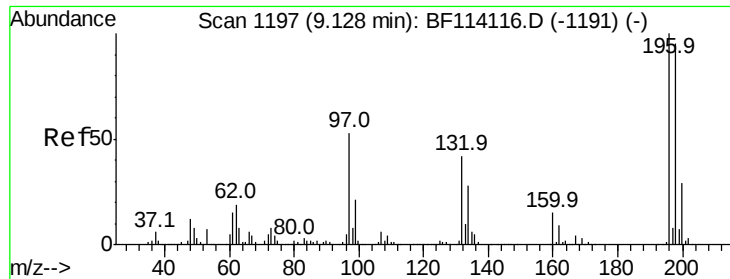
332 103.5 81.4 122.2

141 33.1 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

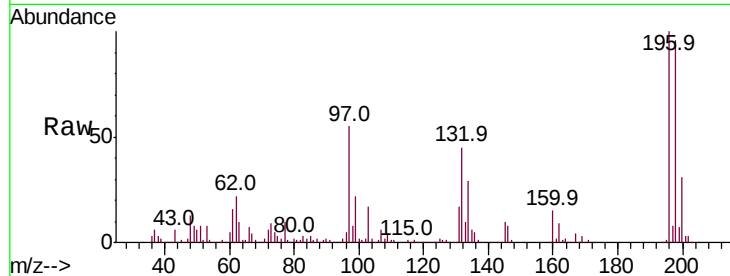




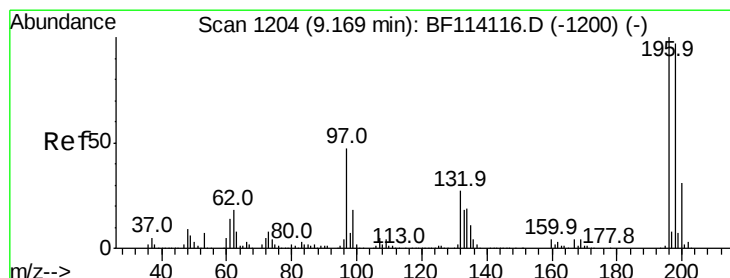
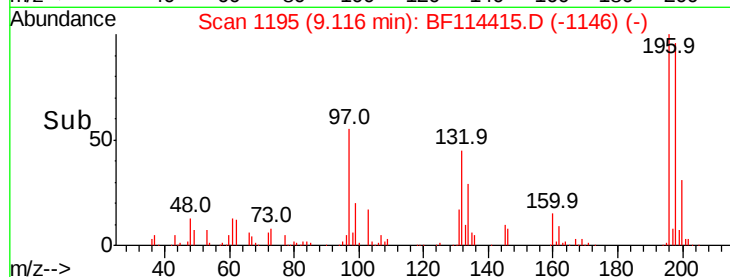
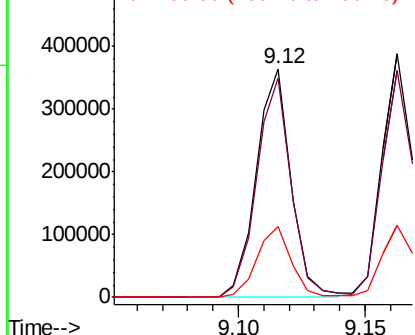
#43
 2,4,6-Trichlorophenol
 Concen: 44.147 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF114415.D
 Acq: 19 May 2019 3:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 348583
 Ion Ratio Lower Upper
 196 100
 198 96.1 75.9 113.9
 200 31.1 23.5 35.3



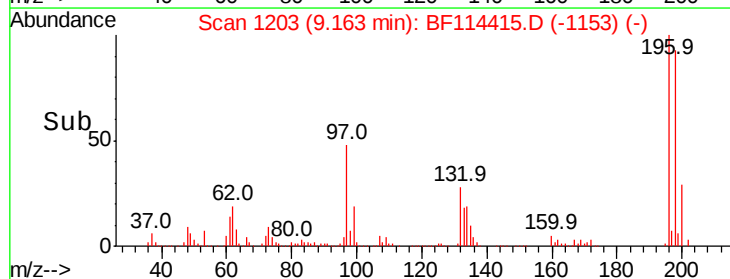
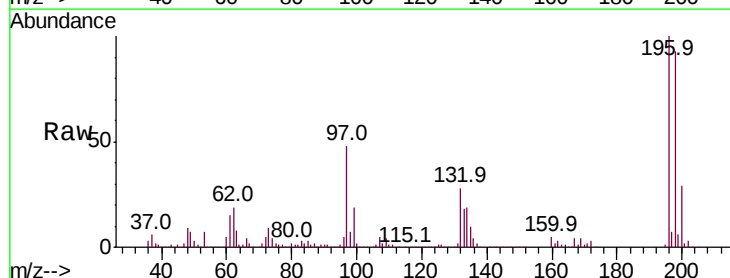
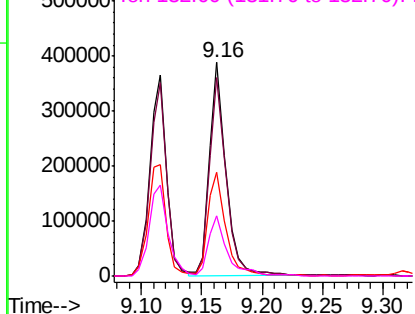
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

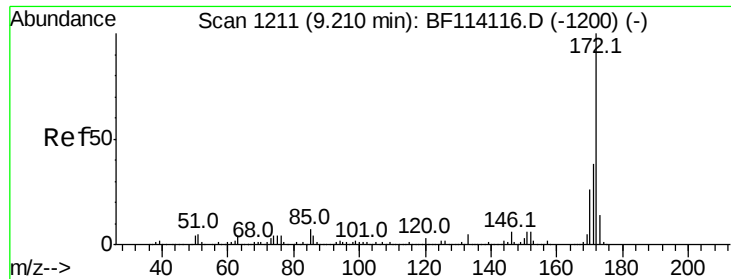


#44
 2,4,5-Trichlorophenol
 Concen: 45.533 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF114415.D
 Acq: 19 May 2019 3:12

Tgt Ion:196 Resp: 368710
 Ion Ratio Lower Upper
 196 100
 198 93.0 77.7 116.5
 97 48.3 38.2 57.2
 132 28.2 21.4 32.2

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

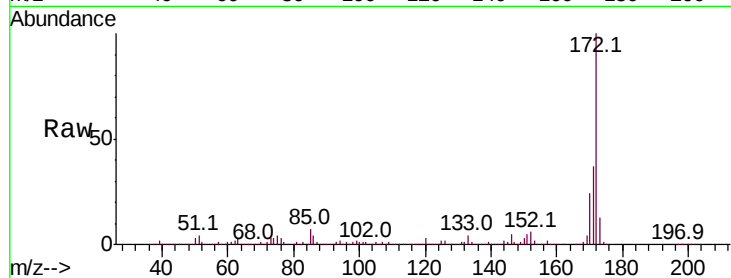




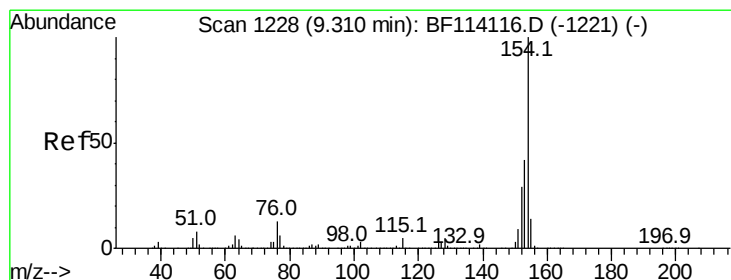
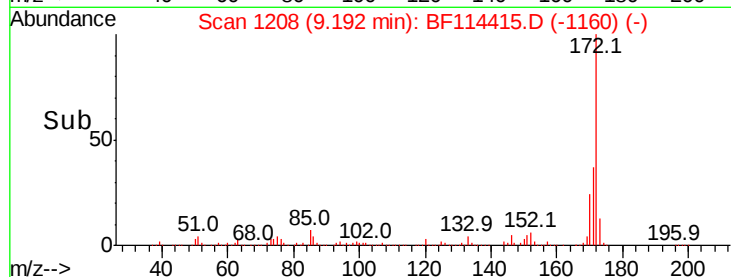
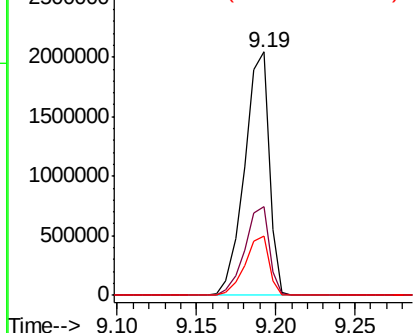
#45
2-Fluorobiphenyl
Concen: 87.703 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 2197171
Ion Ratio Lower Upper
172 100
171 36.5 30.7 46.1
170 24.5 20.5 30.7

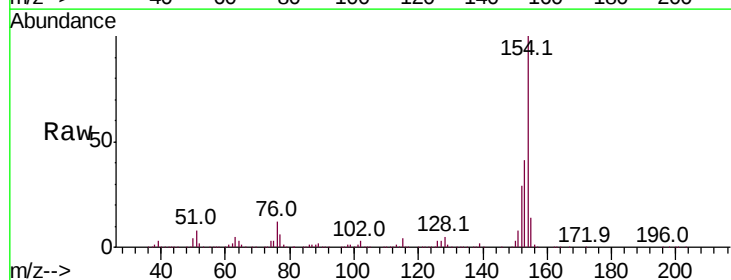


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

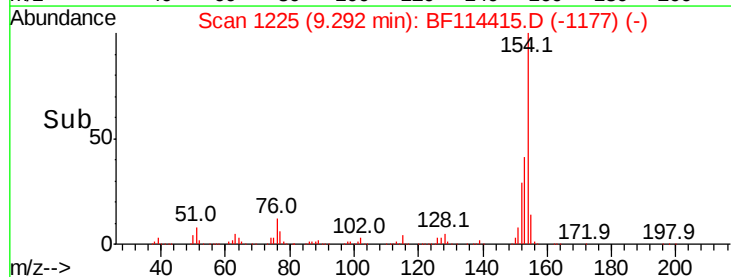
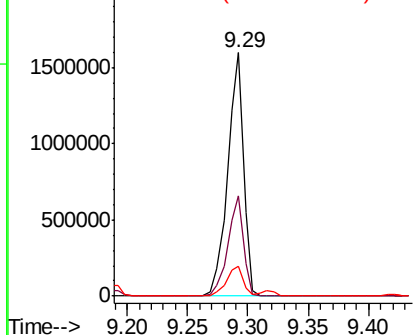


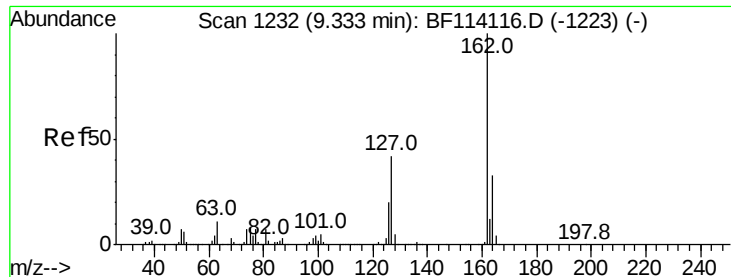
#46
1,1'-Biphenyl
Concen: 47.523 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.02 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

Tgt Ion:154 Resp: 1454924
Ion Ratio Lower Upper
154 100
153 41.1 21.9 61.9
76 12.5 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

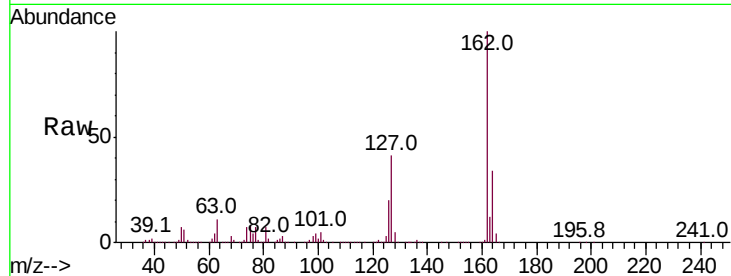




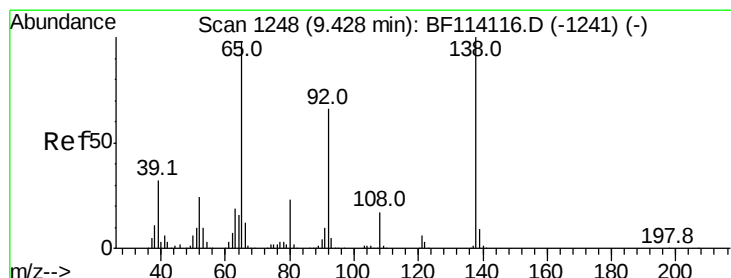
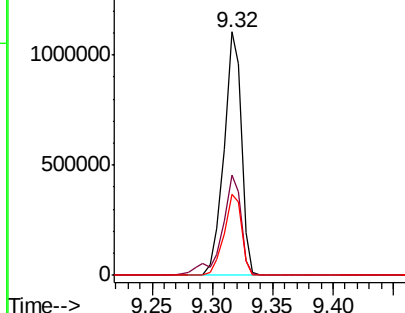
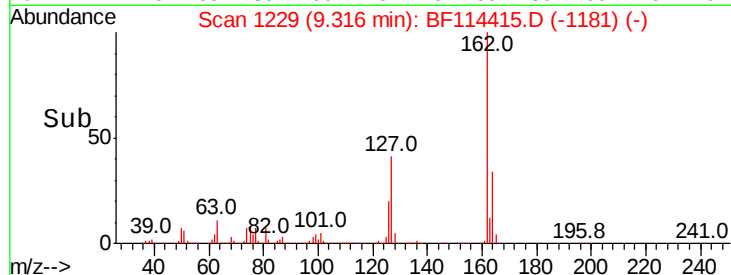
#47
 2-Chloronaphthalene
 Concen: 44.693 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.02 min
 Lab File: BF114415.D
 Acq: 19 May 2019 3:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 1101169
 Ion Ratio Lower Upper
 162 100
 127 41.4 34.0 51.0
 164 33.5 26.7 40.1

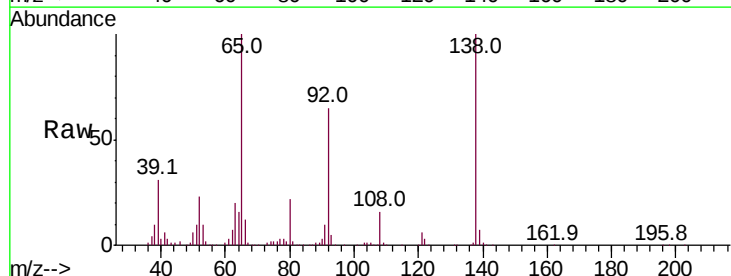


Abundance Ion 162.00 (161.70 to 162.70): E
 1500000 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

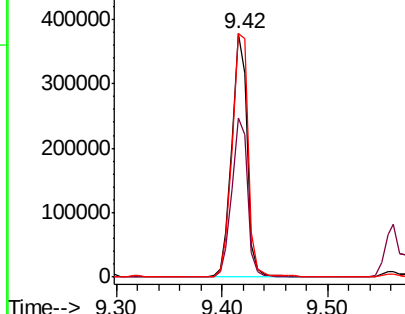
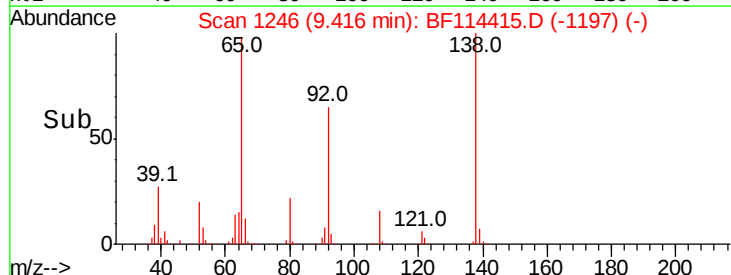


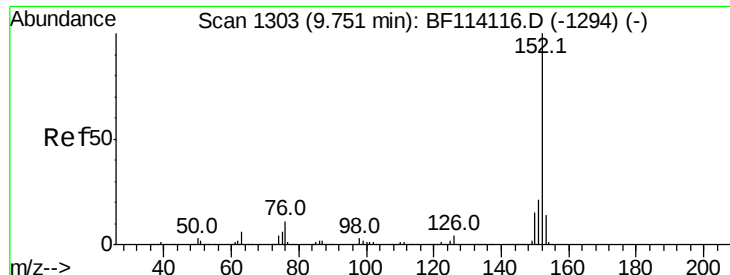
#48
 2-Nitroaniline
 Concen: 43.010 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.01 min
 Lab File: BF114415.D
 Acq: 19 May 2019 3:12

Tgt Ion: 65 Resp: 375822
 Ion Ratio Lower Upper
 65 100
 92 65.2 53.9 80.9
 138 100.1 81.4 122.0



Abundance Ion 65.00 (64.70 to 65.70): BF1
 500000 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 45.935 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.02 min

Lab File: BF114415.D

Acq: 19 May 2019 3:12

Instrument :

BNA_F

ClientSampleId :

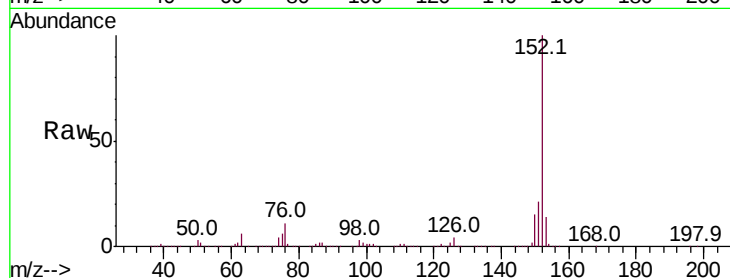
Tot Ion:152 Resp: 1721353

Ion Ratio Lower Upper

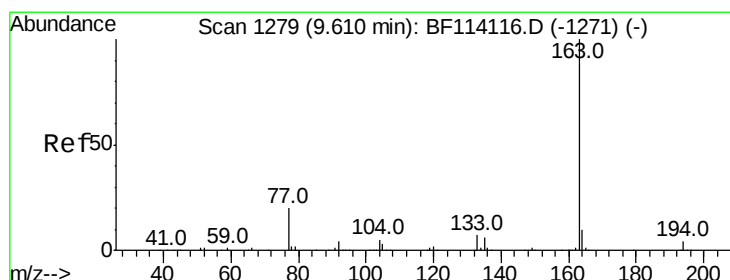
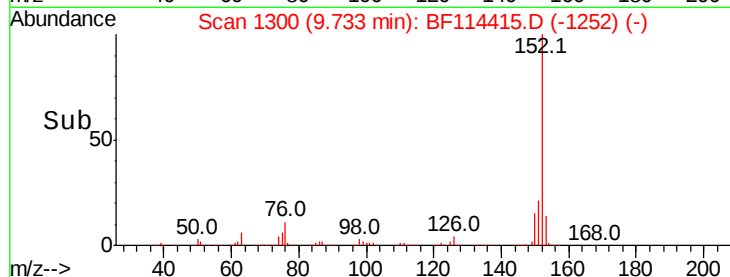
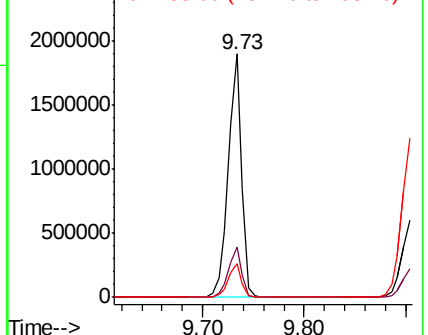
152 100

151 20.7 16.8 25.2

153 13.8 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: 47.427 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF114415.D

Acq: 19 May 2019 3:12

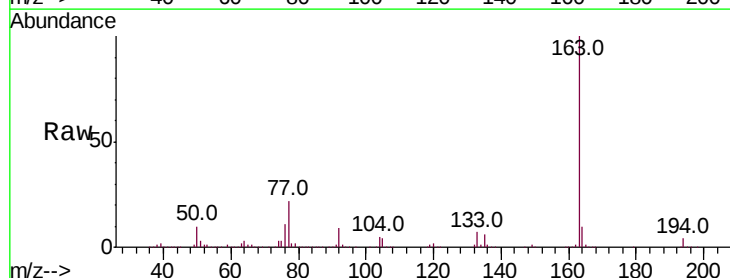
Tgt Ion:163 Resp: 1319379

Ion Ratio Lower Upper

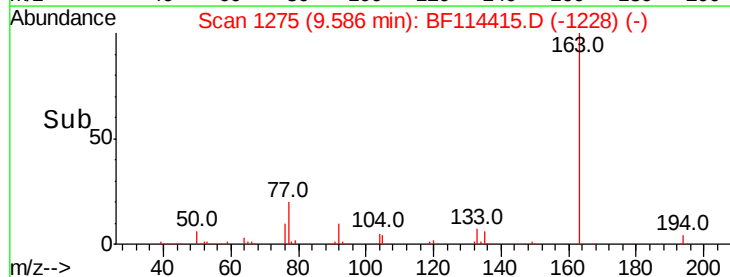
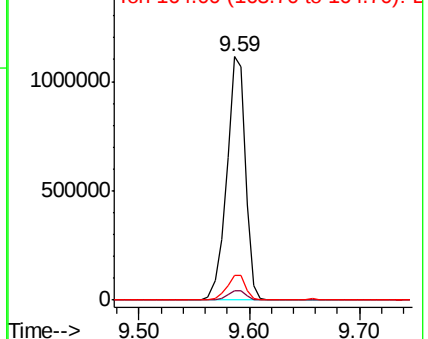
163 100

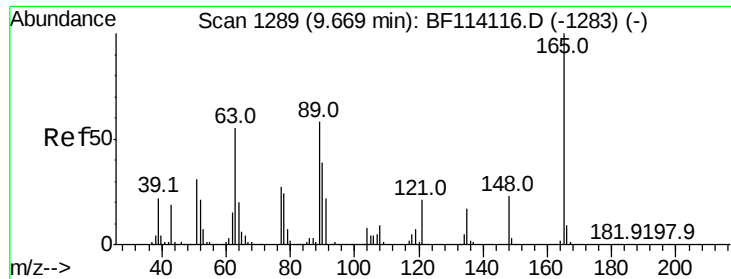
194 3.7 3.4 5.0

164 10.4 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

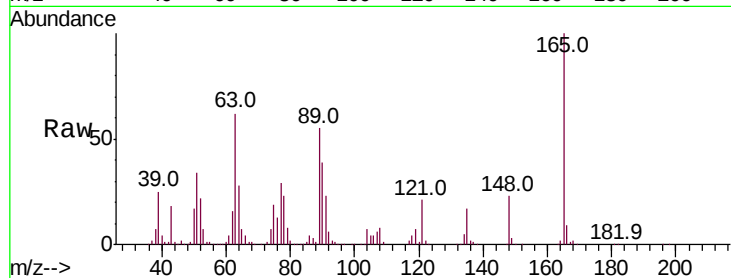




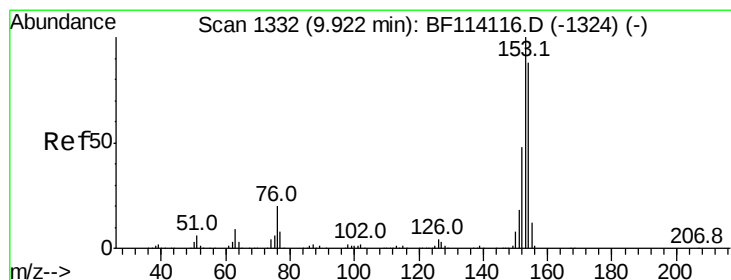
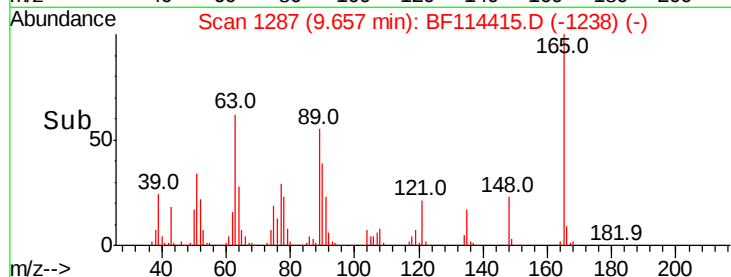
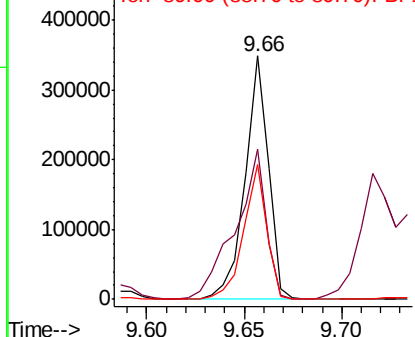
#51
2,6-Dinitrotoluene
Concen: 46.862 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	61.9	50.2	75.4
89	55.4	46.6	69.8

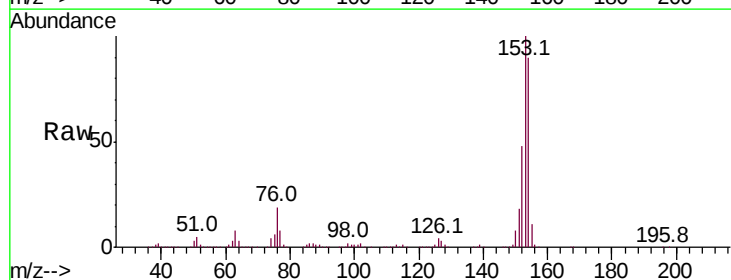


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

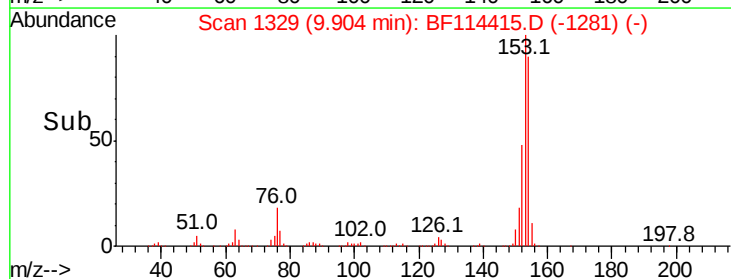
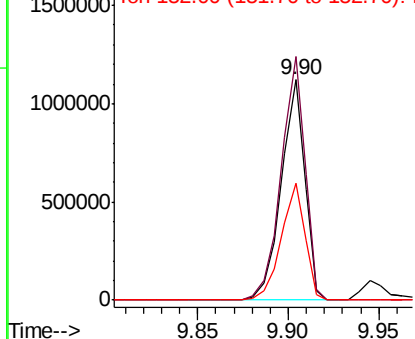


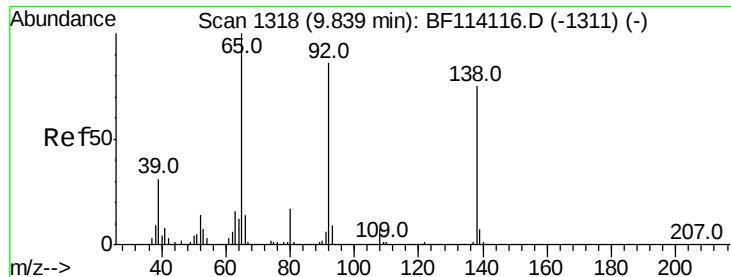
#52
Acenaphthene
Concen: 44.435 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.6	90.5	135.7
152	53.3	43.4	65.2



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

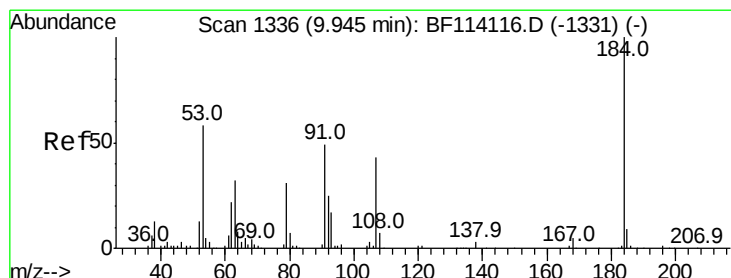
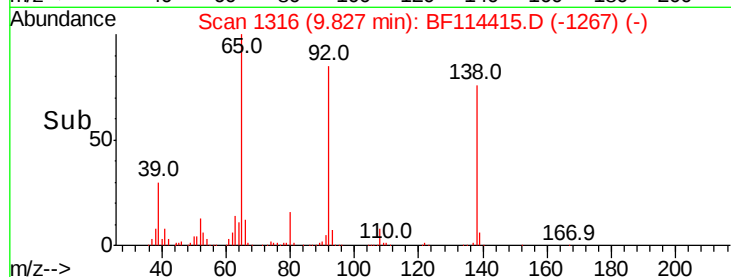
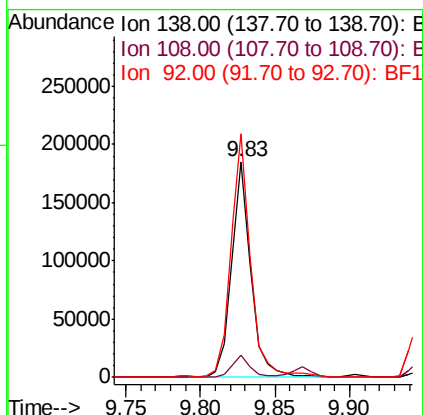
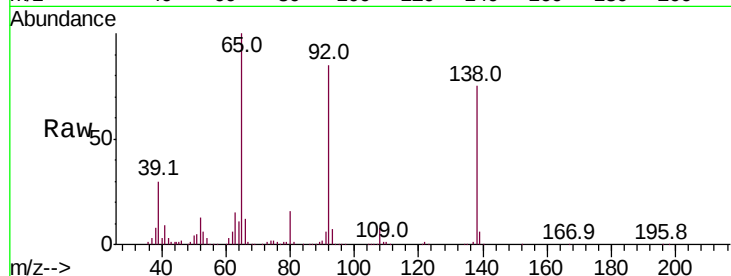




#53
3-Nitroaniline
Concen: 22.268 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

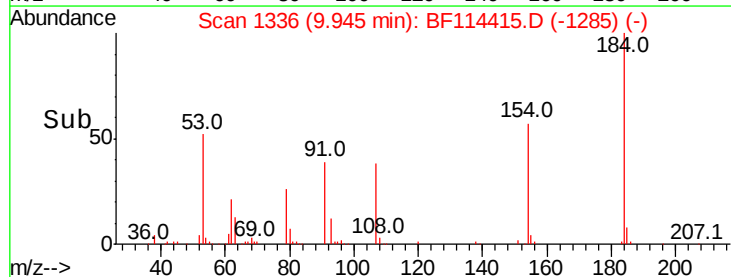
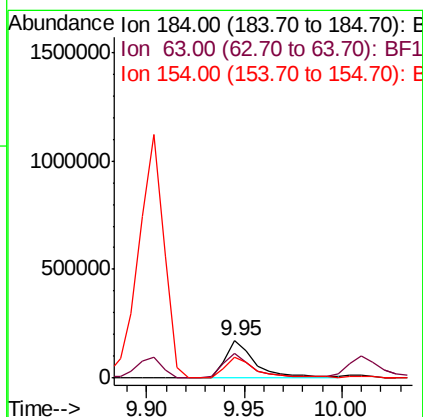
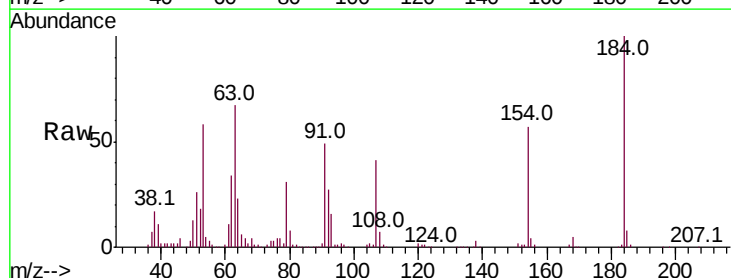
Instrument :
BNA_F
ClientSampleId :

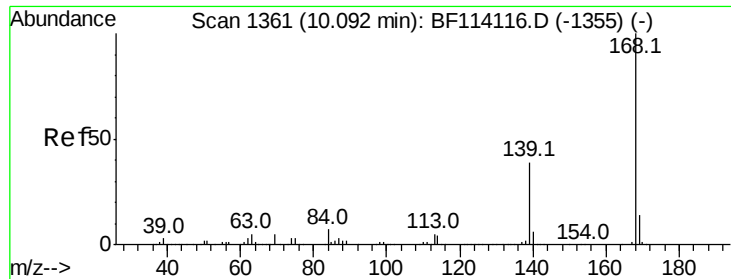
Tot Ion:138 Resp: 170560
Ion Ratio Lower Upper
138 100
108 10.1 7.8 11.6
92 112.9 91.2 136.8



#54
2,4-Dinitrophenol
Concen: 61.907 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

Tgt Ion:184 Resp: 186907
Ion Ratio Lower Upper
184 100
63 66.9 55.6 83.4
154 57.4 46.0 69.0





#55

Dibenzofuran

Concen: 44.152 ng

RT: 10.07 min Scan# 1358

Delta R.T. -0.02 min

Lab File: BF114415.D

Acq: 19 May 2019 3:12

Instrument :

BNA_F

ClientSampleId :

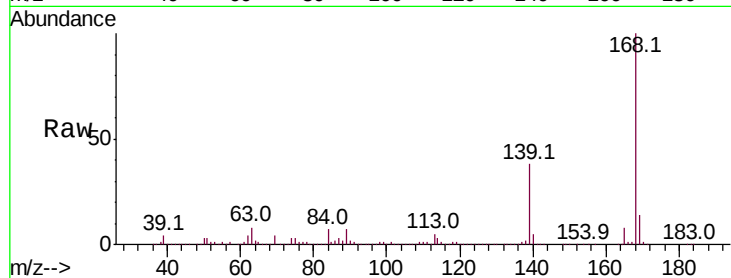
Tot Ion:168 Resp: 1488775

Ion Ratio Lower Upper

168 100

139 37.8 31.1 46.7

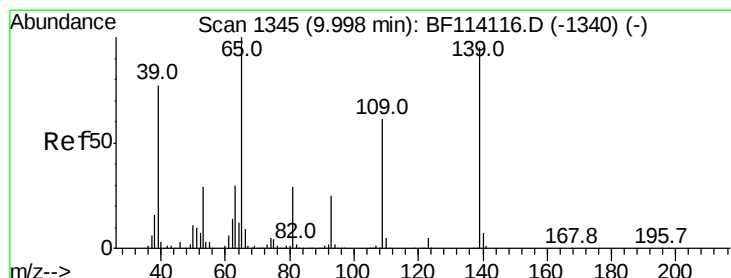
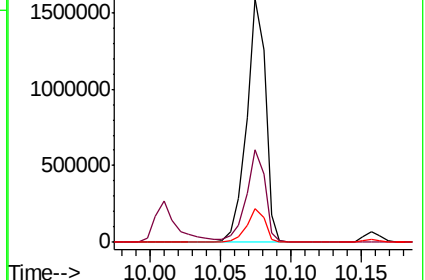
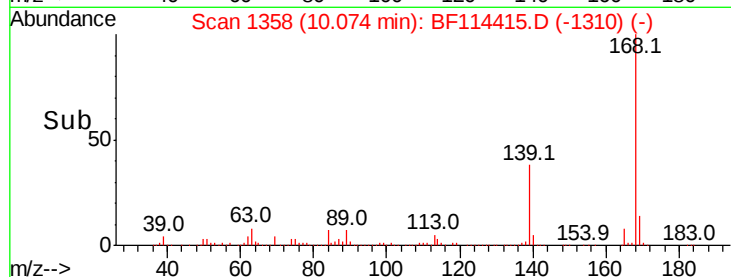
169 13.7 11.4 17.0



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: 54.544 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.01 min

Lab File: BF114415.D

Acq: 19 May 2019 3:12

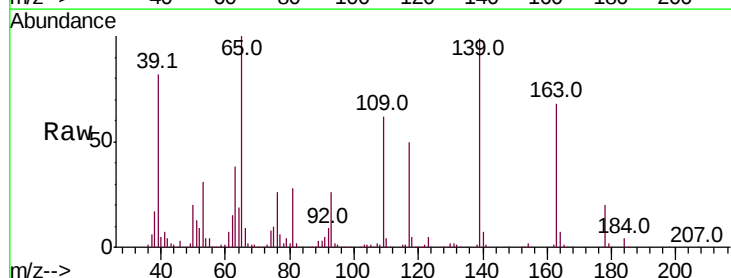
Tgt Ion:139 Resp: 295451

Ion Ratio Lower Upper

139 100

109 62.8 43.9 83.9

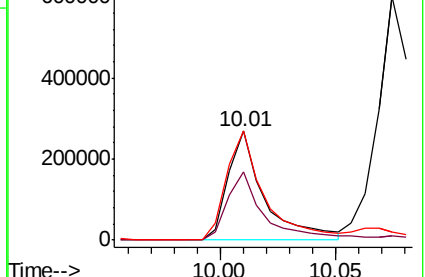
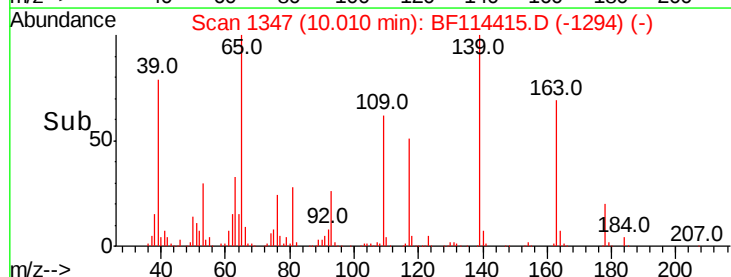
65 100.7 85.7 125.7

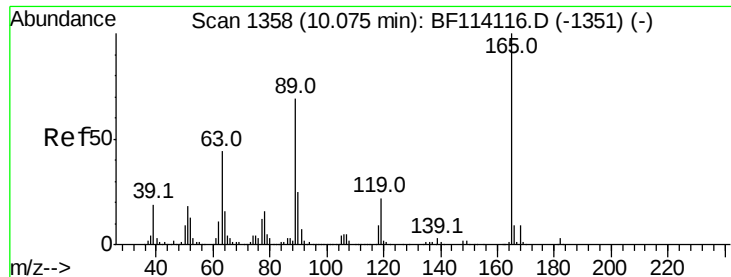


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

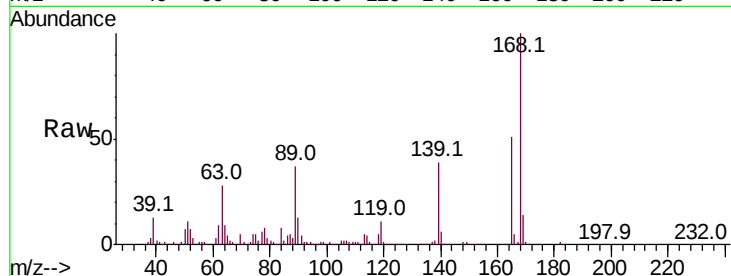




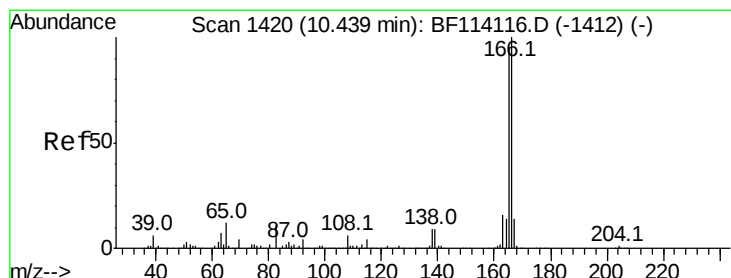
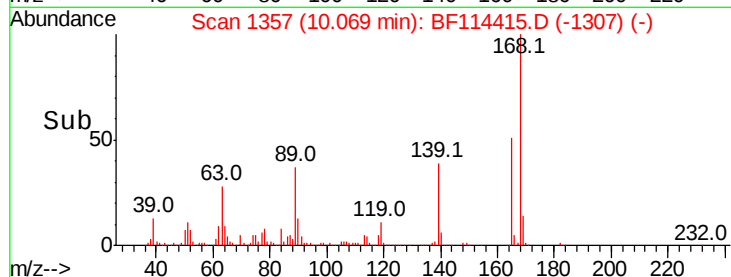
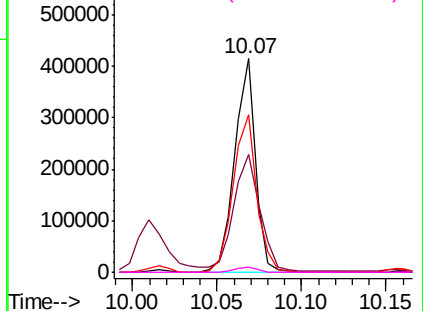
#57
2,4-Dinitrotoluene
Concen: 42.084 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 352450
Ion Ratio Lower Upper
165 100
63 55.3 35.5 53.3#
89 73.6 55.2 82.8
182 2.5 2.2 3.2

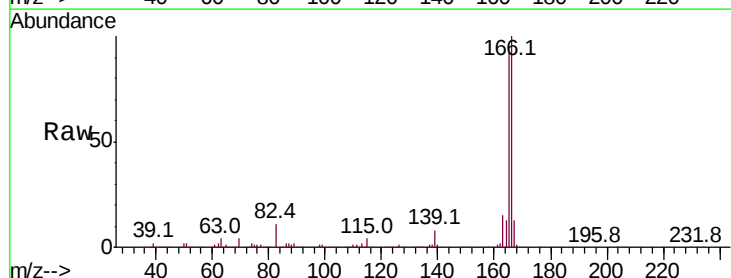


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

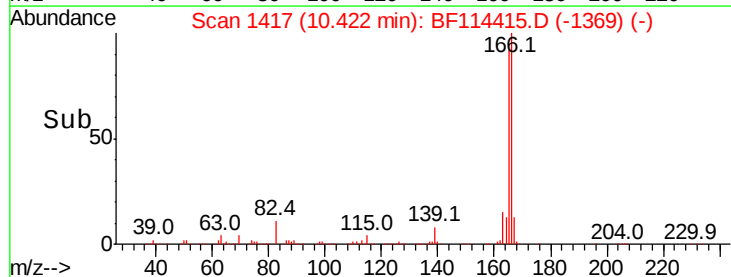
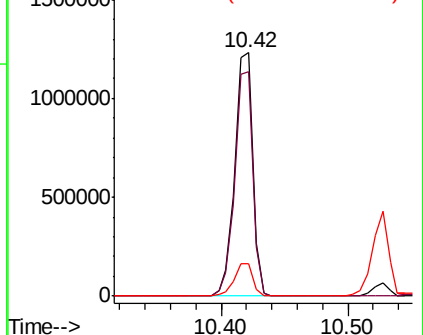


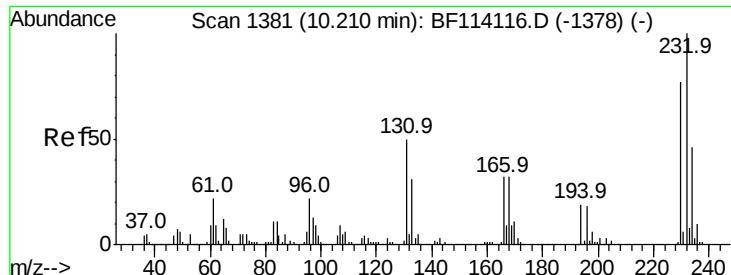
#58
Fluorene
Concen: 46.013 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.02 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

Tgt Ion:166 Resp: 1198437
Ion Ratio Lower Upper
166 100
165 91.9 76.1 114.1
167 13.1 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

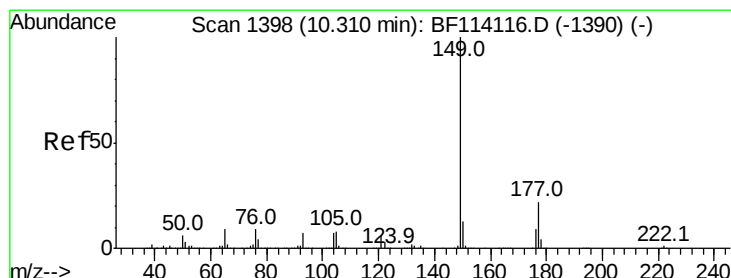
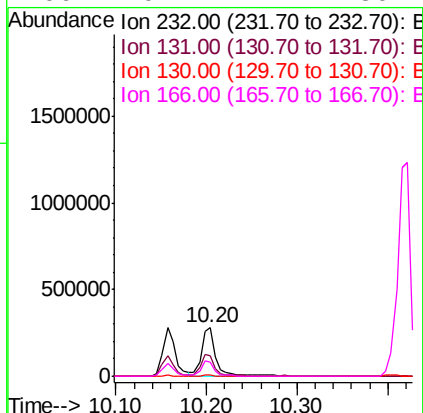
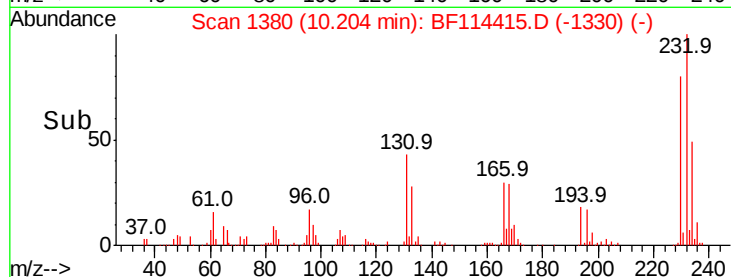
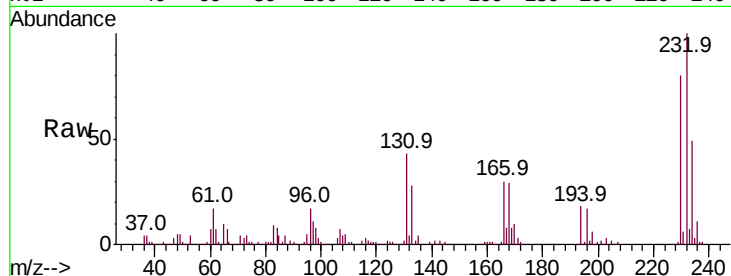




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.135 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.01 min
 Lab File: BF114415.D
 Acq: 19 May 2019 3:12

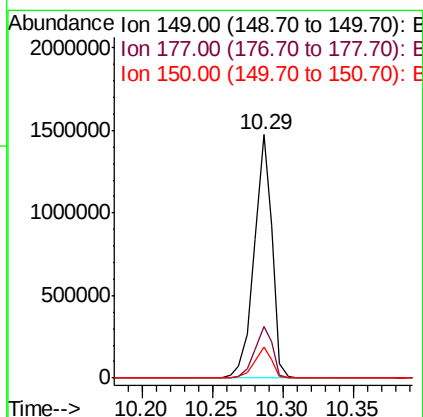
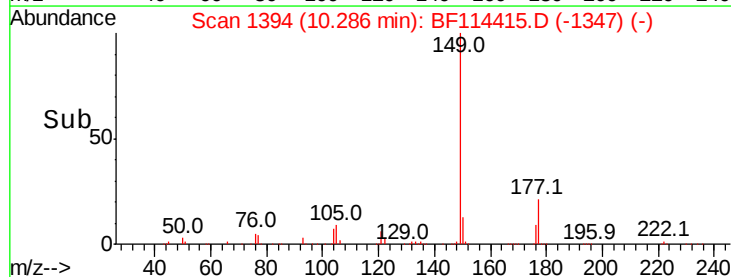
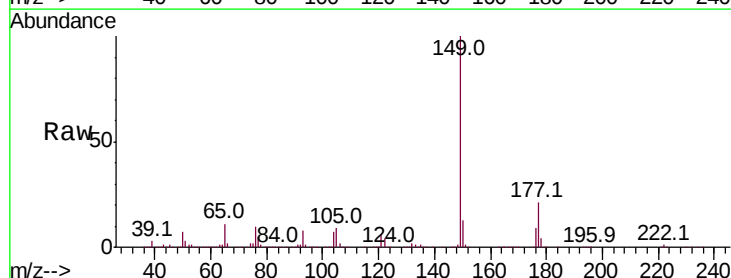
Instrument :
 BNA_F
 ClientSampleId :

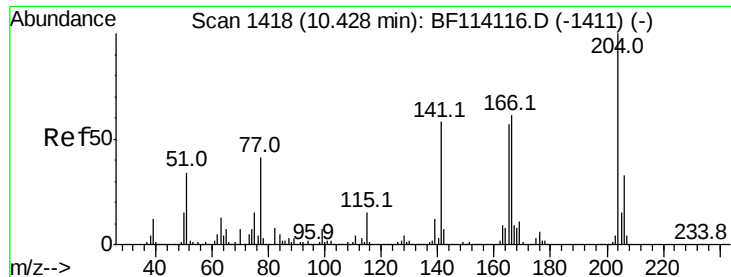
Tot Ion	Ratio	Lower	Upper
232	100		
131	43.2	35.6	53.4
130	2.2	1.6	2.4
166	29.4	24.1	36.1



#60
 Diethylphthalate
 Concen: 46.140 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.02 min
 Lab File: BF114415.D
 Acq: 19 May 2019 3:12

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.3	17.8	26.6
150	12.9	10.2	15.2

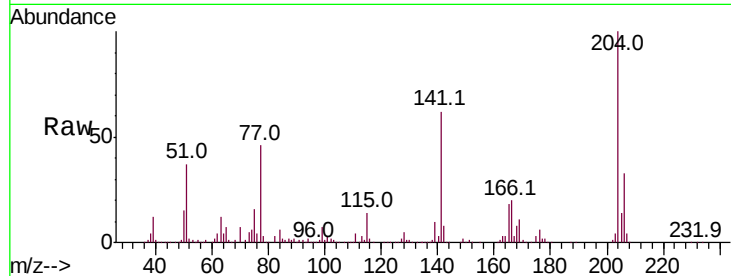




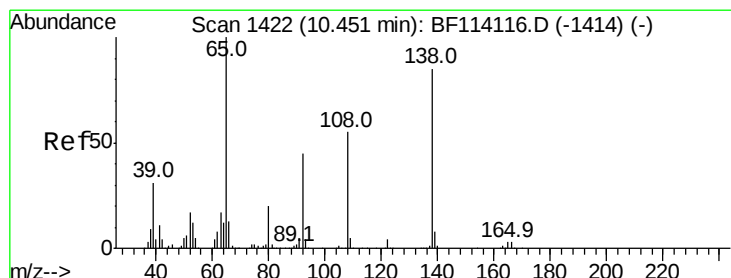
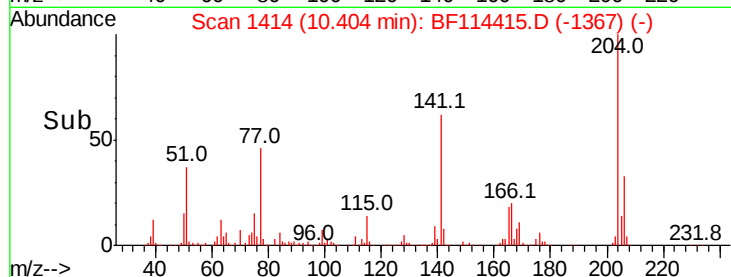
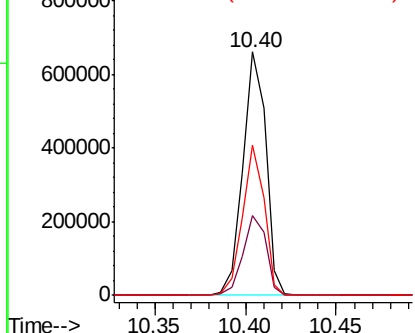
#61
4-Chlorophenyl-phenylether
Concen: 45.552 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.02 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 582706
Ion Ratio Lower Upper
204 100
206 32.5 26.6 39.8
141 61.9 46.4 69.6

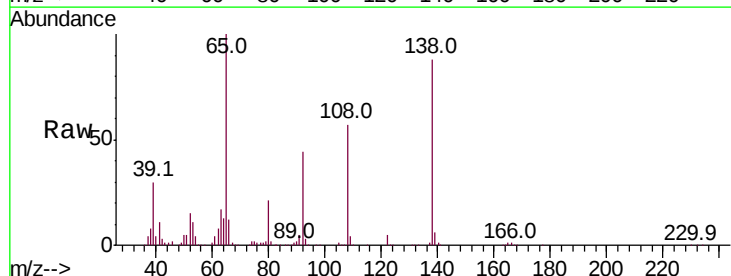


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

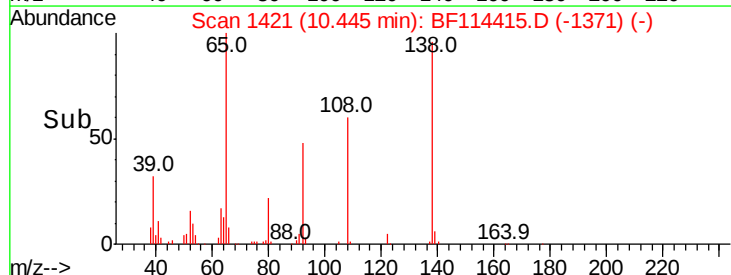
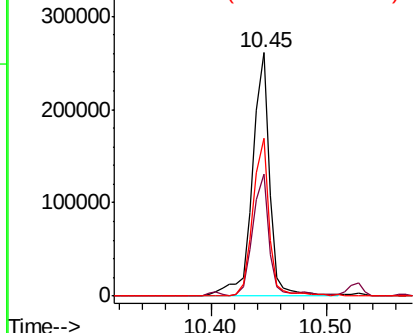


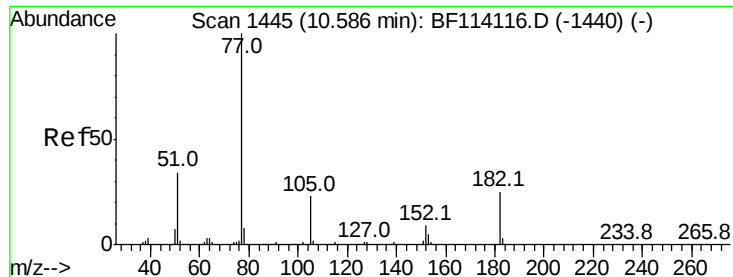
#62
4-Nitroaniline
Concen: 33.765 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

Tgt Ion:138 Resp: 271761
Ion Ratio Lower Upper
138 100
92 50.0 33.0 73.0
108 65.1 44.9 84.9



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

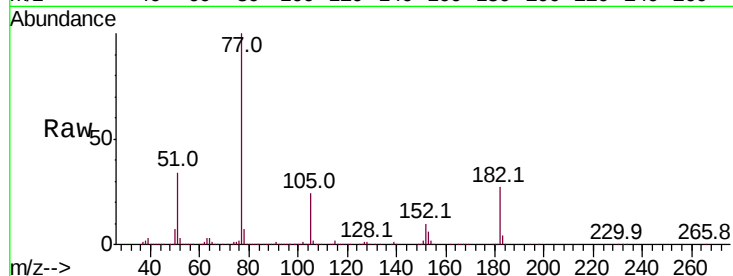




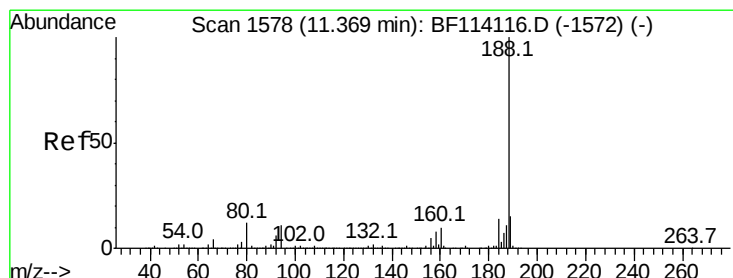
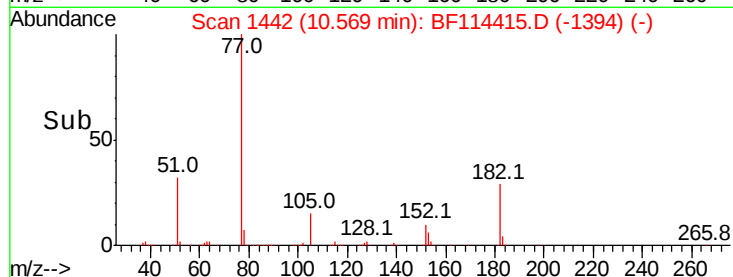
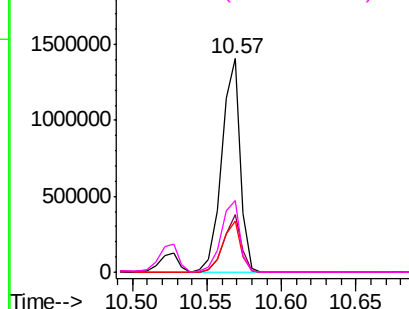
#63
Azobenzene
Concen: 44.957 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.02 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1230043
Ion Ratio Lower Upper
77 100
182 27.2 4.7 44.7
105 23.8 2.9 42.9
51 33.8 14.6 54.6

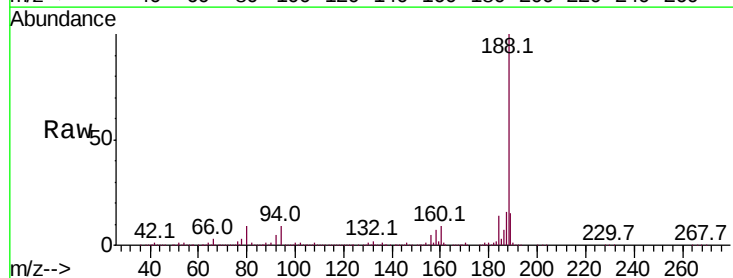


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

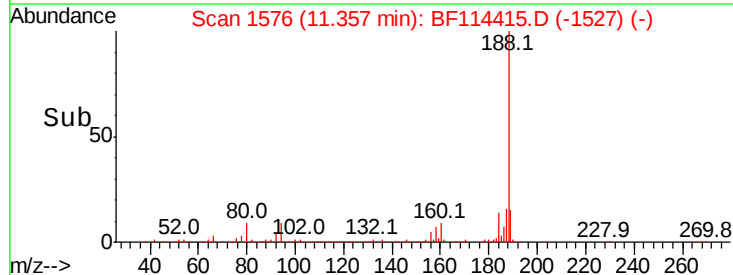
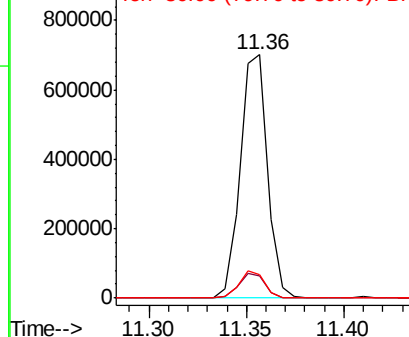


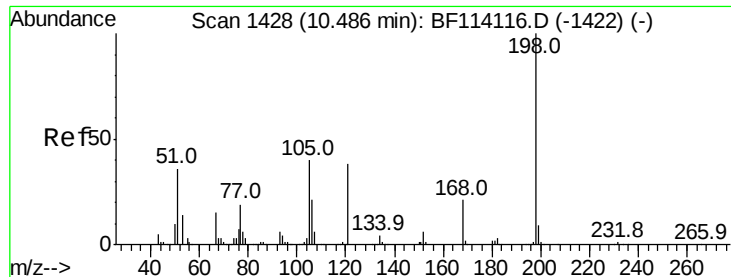
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

Tgt Ion: 188 Resp: 676311
Ion Ratio Lower Upper
188 100
94 9.1 8.4 12.6
80 9.4 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

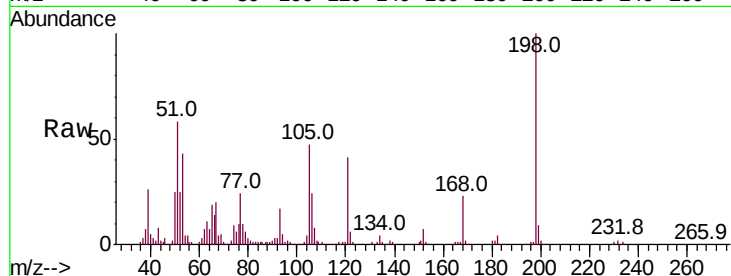




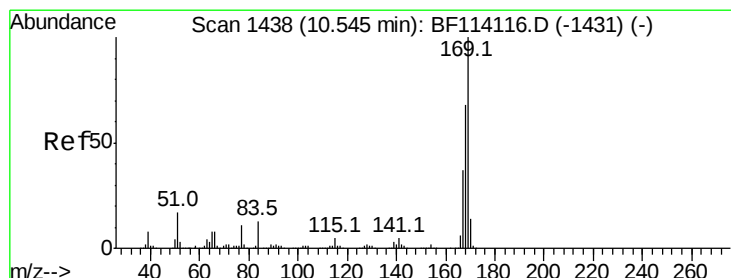
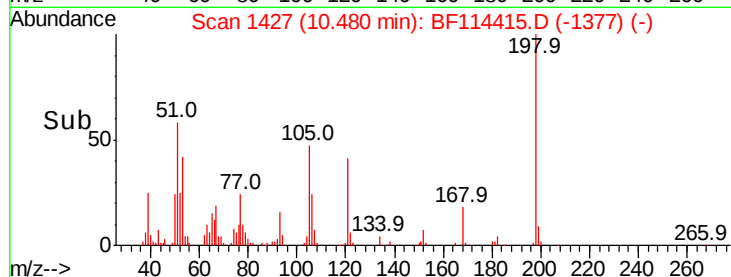
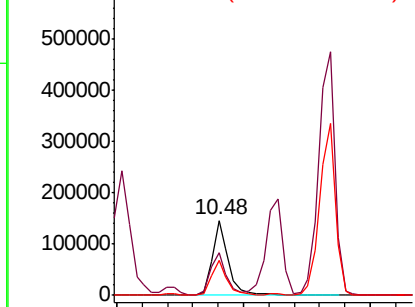
#65
4,6-Dinitro-2-methylphenol
Concen: 40.695 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	57.7	28.0	68.0
105	46.8	21.1	61.1

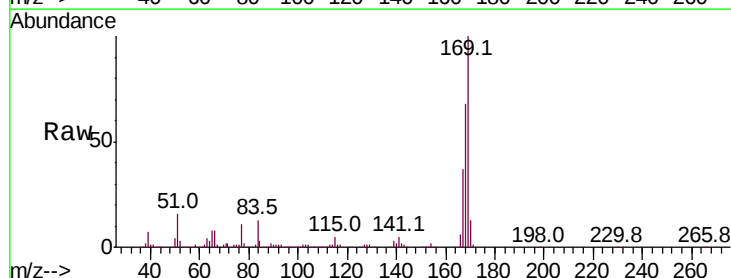


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

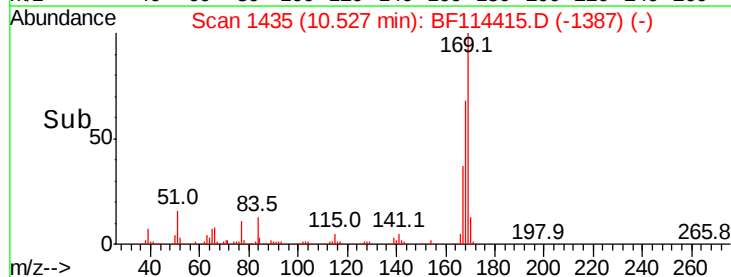
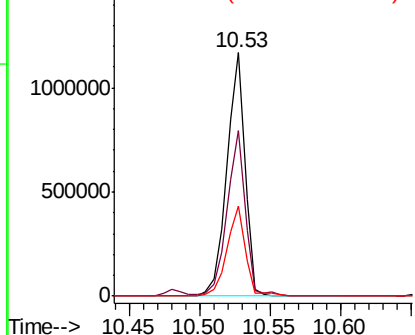


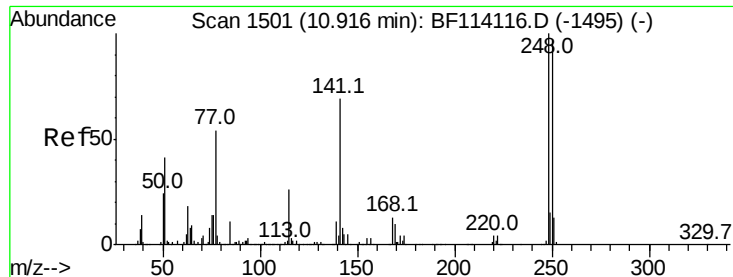
#66
n-Nitrosodiphenylamine
Concen: 50.801 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.02 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.1	54.2	81.2
167	36.9	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

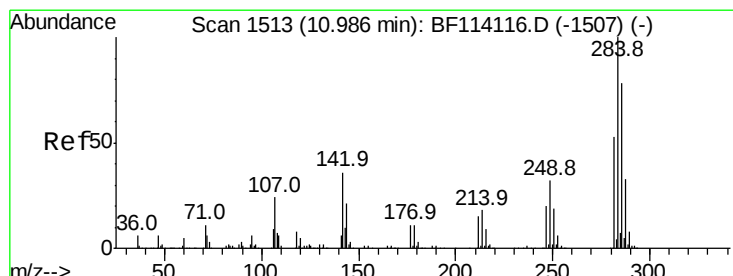
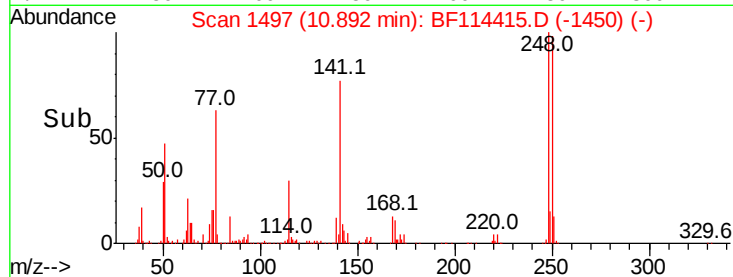
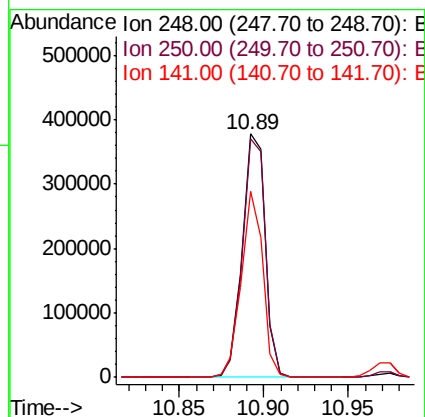
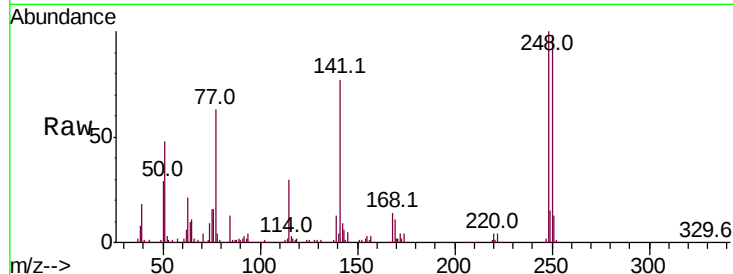




#67
4-Bromophenyl-phenylether
Concen: 48.138 ng
RT: 10.89 min Scan# 1497
Delta R.T. -0.02 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

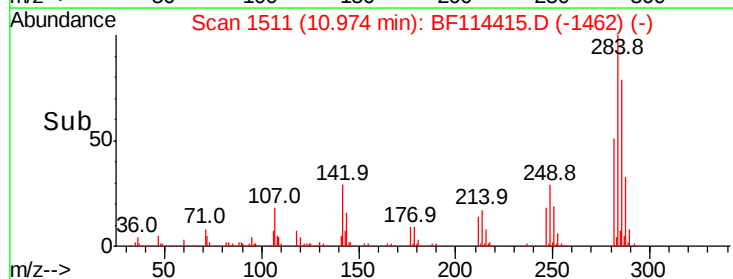
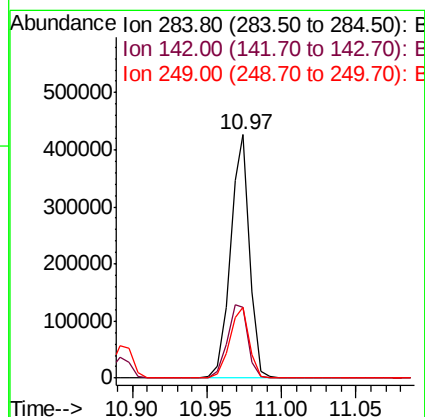
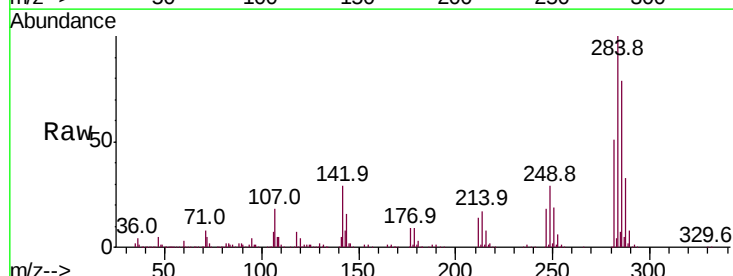
Instrument :
BNA_F
ClientSampleId :

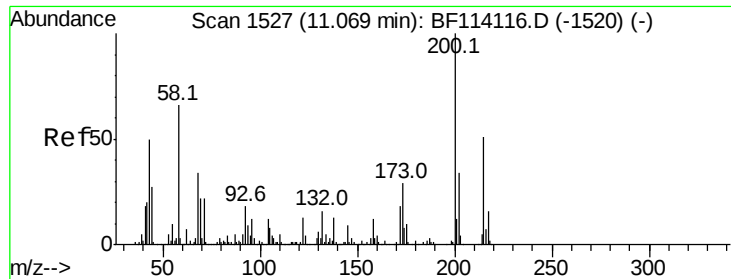
Tot Ion:248 Resp: 358457
Ion Ratio Lower Upper
248 100
250 97.8 77.4 116.2
141 76.5 55.6 83.4



#68
Hexachlorobenzene
Concen: 46.667 ng
RT: 10.97 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

Tgt Ion:284 Resp: 384437
Ion Ratio Lower Upper
284 100
142 29.3 28.4 42.6
249 29.3 25.2 37.8

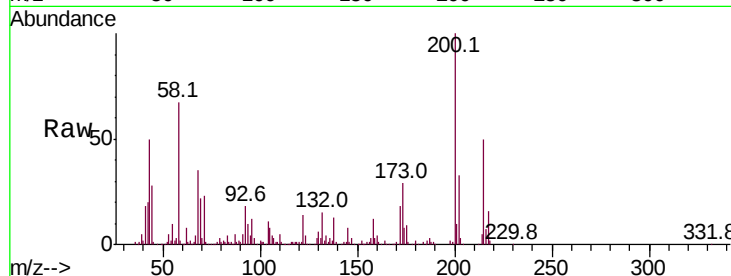




#69
Atrazine
Concen: 38.166 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.02 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.1	8.9	48.9
215	50.5	30.7	70.7

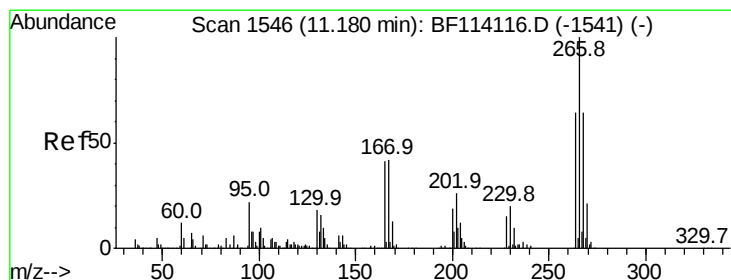
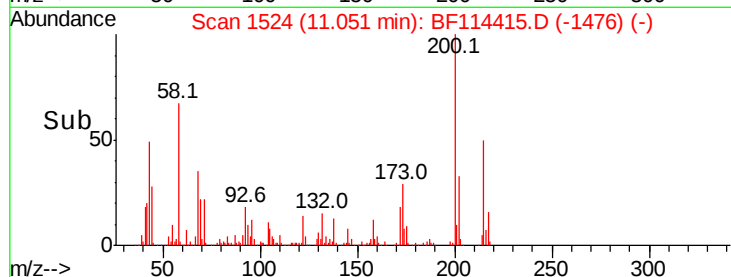
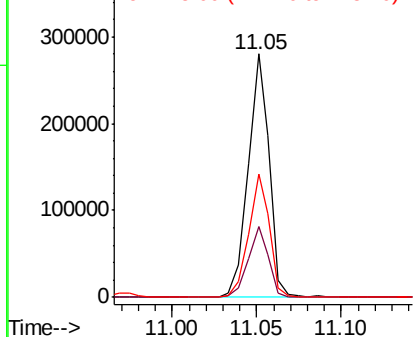


Abundance

Ion 200.00 (199.70 to 200.70): E

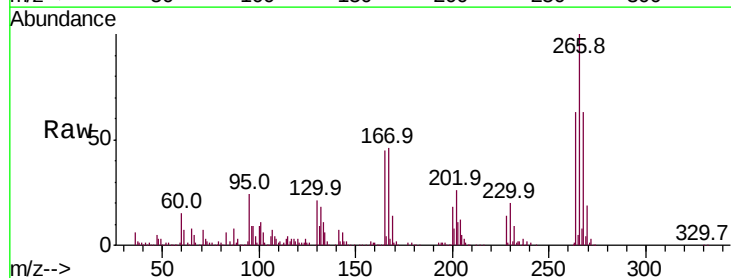
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 75.943 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.01 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.2	51.1	76.7
264	62.7	51.1	76.7

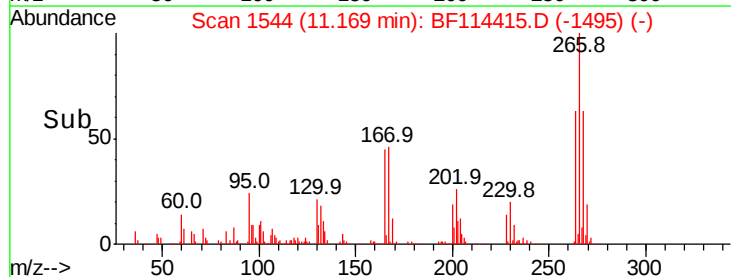
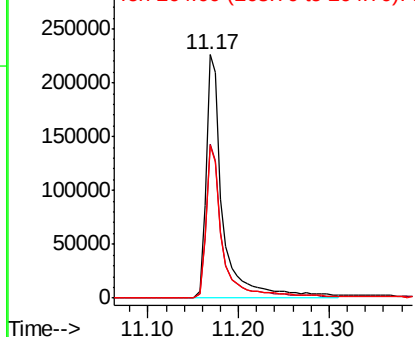


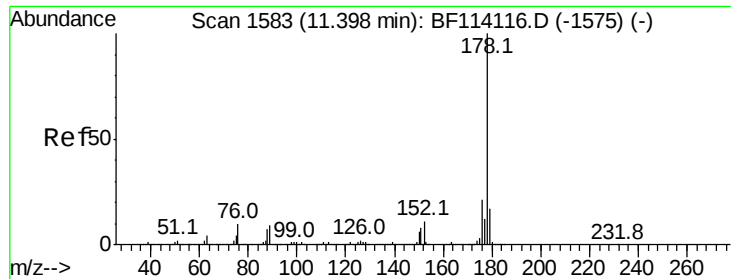
Abundance

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

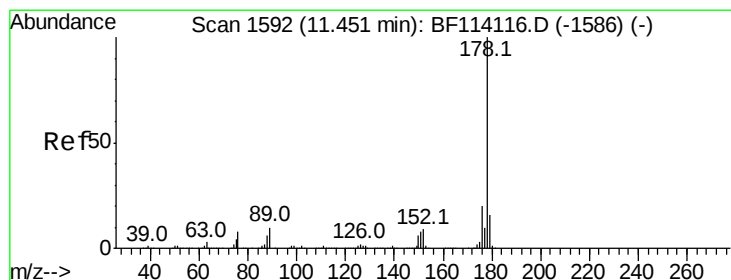
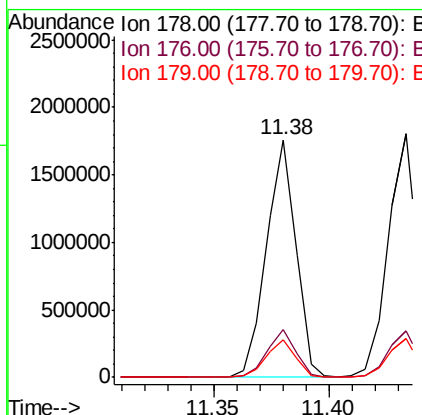
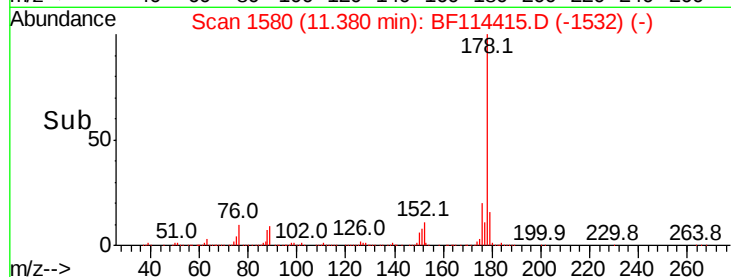
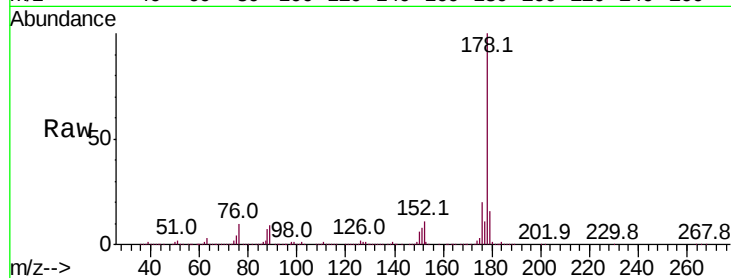




#71
Phenanthrene
Concen: 47.528 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

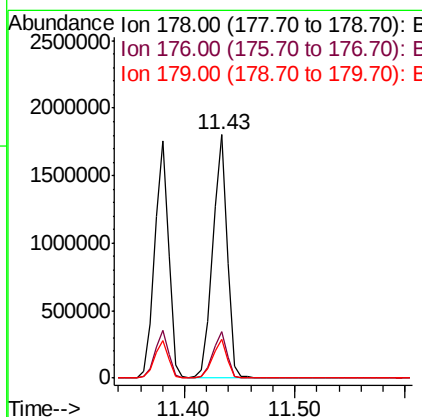
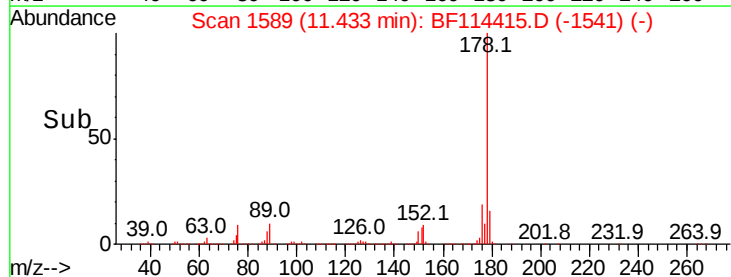
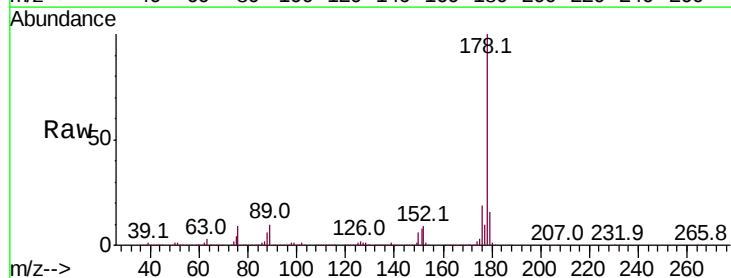
Instrument :
BNA_F
ClientSampled :

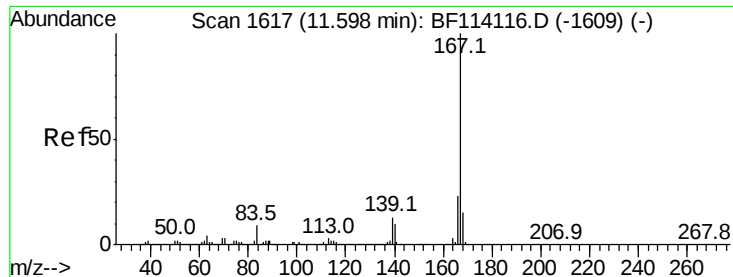
Tot Ion:178 Resp: 1563826
Ion Ratio Lower Upper
178 100
176 20.0 16.4 24.6
179 16.0 13.2 19.8



#72
Anthracene
Concen: 48.585 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.02 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

Tgt Ion:178 Resp: 1605669
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.8
179 16.1 13.0 19.4





#73

Carbazole

Concen: 45.633 ng

RT: 11.59 min Scan# 1615

Delta R.T. -0.01 min

Lab File: BF114415.D

Acq: 19 May 2019 3:12

Instrument :

BNA_F

ClientSampleId :

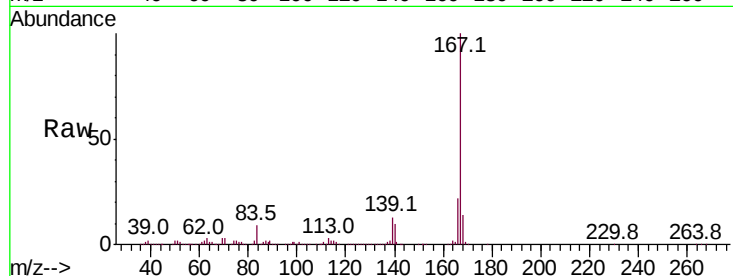
Tot Ion:167 Resp: 1438102

Ion Ratio Lower Upper

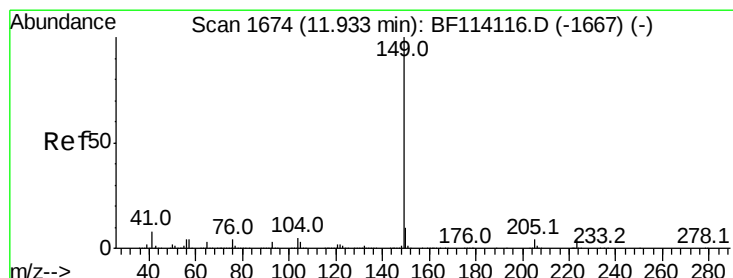
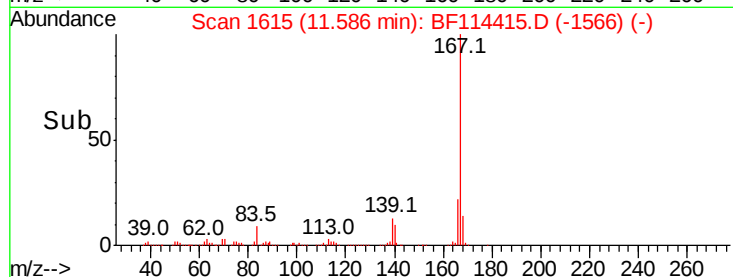
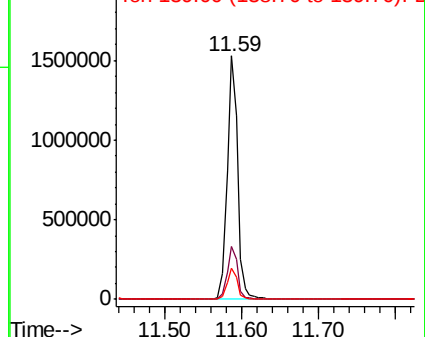
167 100

166 21.8 18.2 27.2

139 13.0 10.6 16.0



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



#74

Di-n-butylphthalate

Concen: 52.527 ng

RT: 11.91 min Scan# 1670

Delta R.T. -0.02 min

Lab File: BF114415.D

Acq: 19 May 2019 3:12

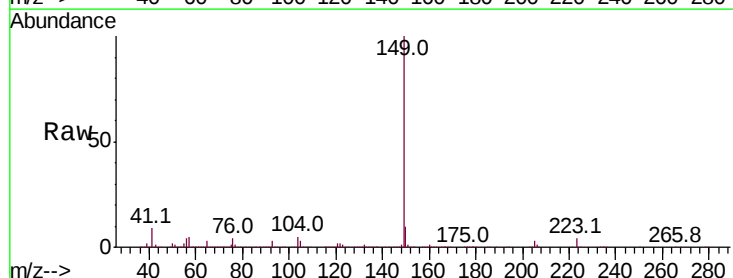
Tgt Ion:149 Resp: 1907151

Ion Ratio Lower Upper

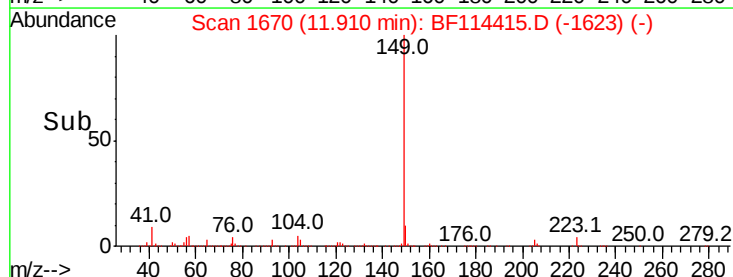
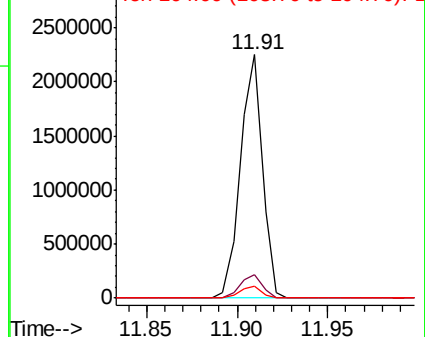
149 100

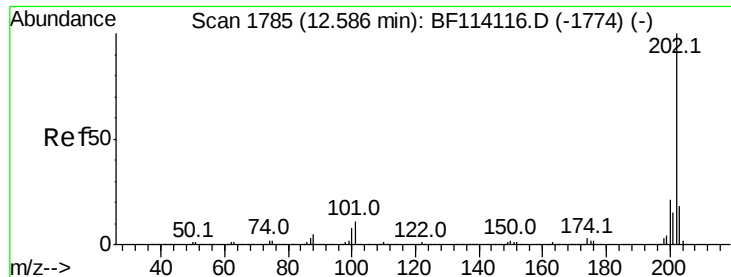
150 9.5 7.7 11.5

104 4.7 3.6 5.4



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

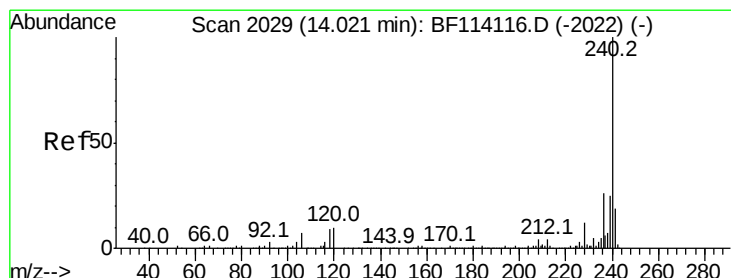
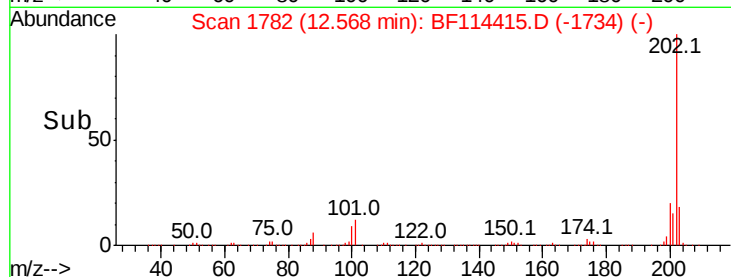
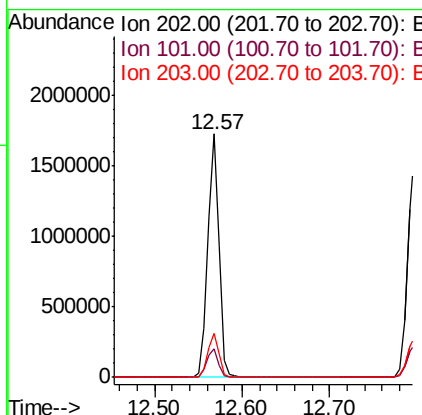
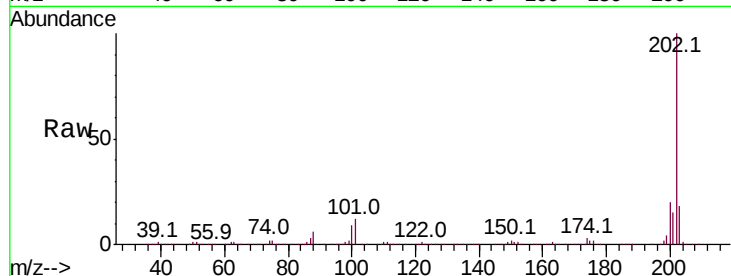




#75
Fluoranthene
Concen: 43.476 ng
RT: 12.57 min Scan# 1782
Delta R.T. -0.02 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

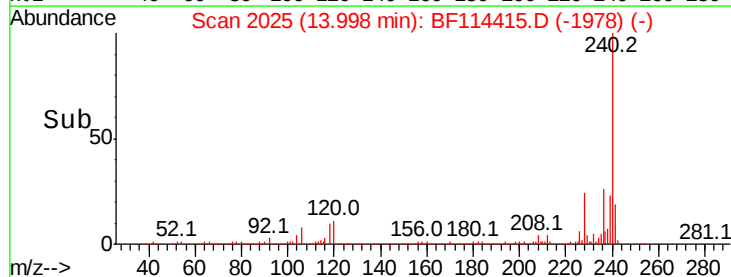
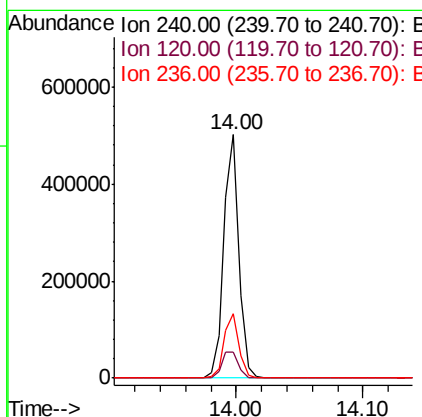
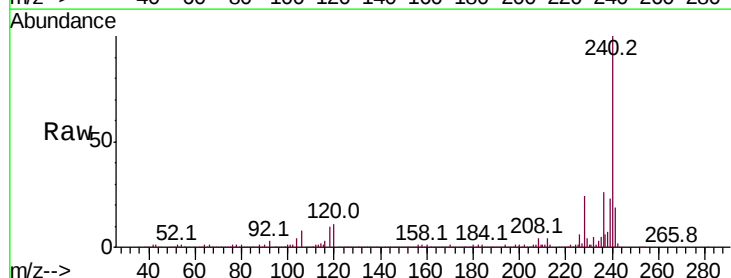
Instrument :
BNA_F
ClientSampleId :

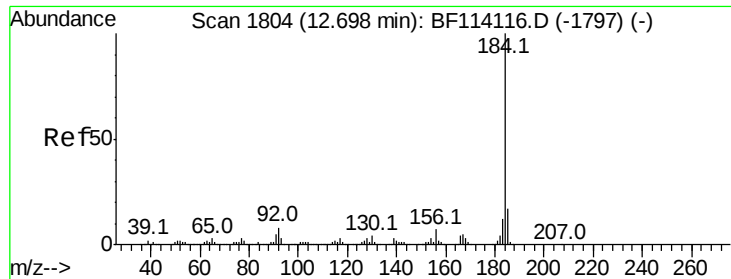
Tot Ion:202 Resp: 1540459
Ion Ratio Lower Upper
202 100
101 11.7 0.0 31.0
203 18.1 0.0 38.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.02 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

Tgt Ion:240 Resp: 415439
Ion Ratio Lower Upper
240 100
120 10.8 8.3 12.5
236 26.4 20.8 31.2





#77

Benzidine

Concen: 2.266 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF114415.D

Acq: 19 May 2019 3:12

Instrument :

BNA_F

ClientSampleId :

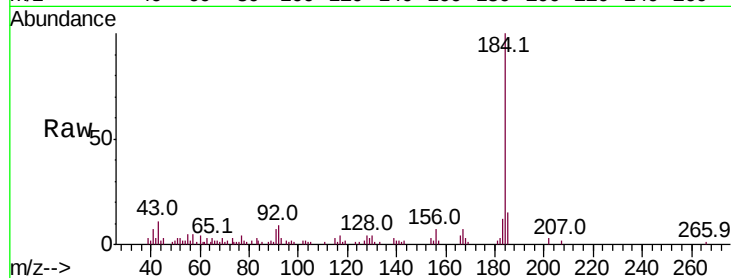
Tot Ion:184 Resp: 42264

Ion Ratio Lower Upper

184 100

185 14.7 13.6 20.4

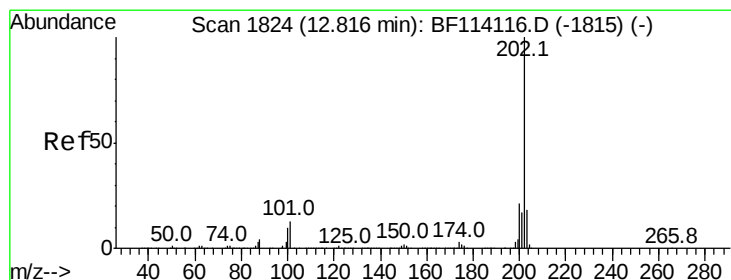
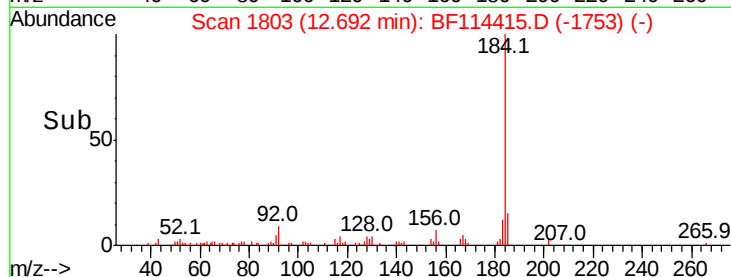
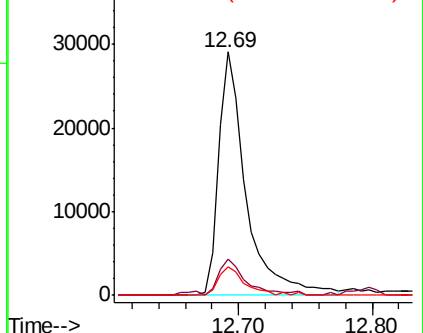
183 11.8 9.2 13.8



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: 45.624 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.02 min

Lab File: BF114415.D

Acq: 19 May 2019 3:12

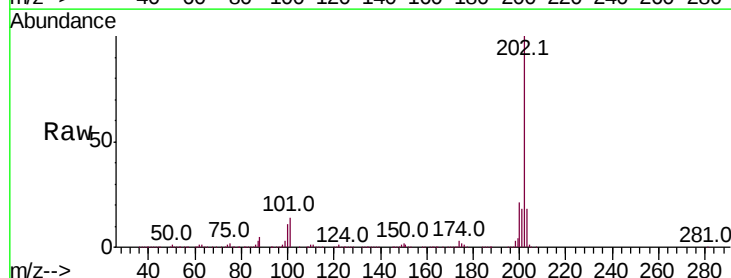
Tgt Ion:202 Resp: 1524772

Ion Ratio Lower Upper

202 100

200 20.7 16.9 25.3

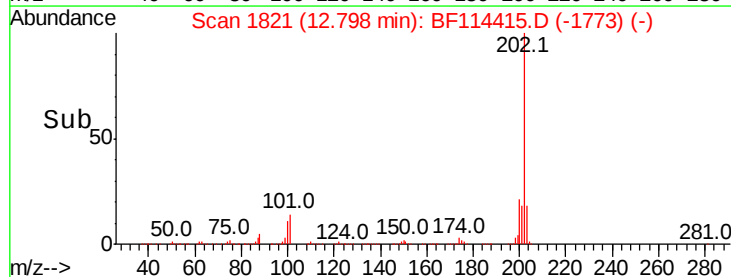
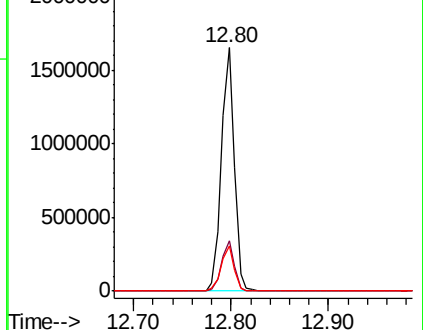
203 18.4 14.5 21.7

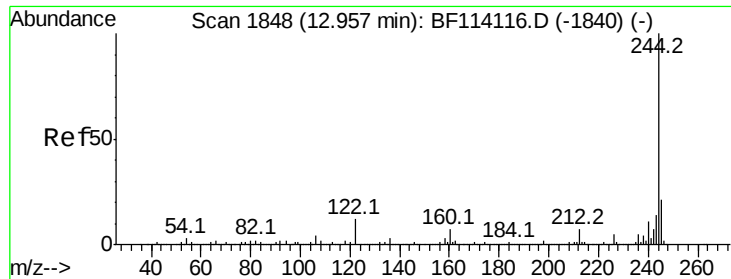


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



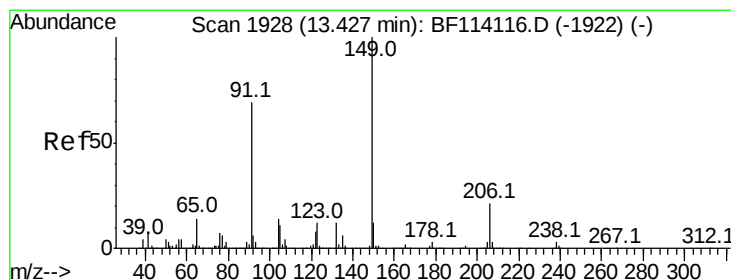
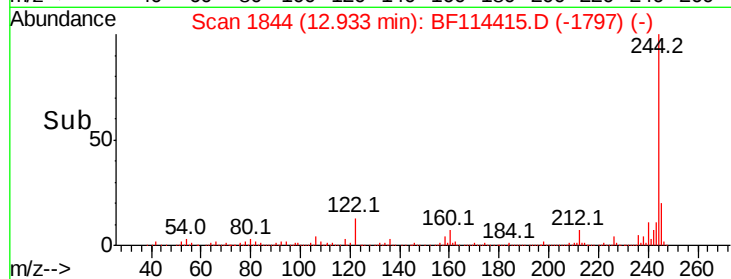
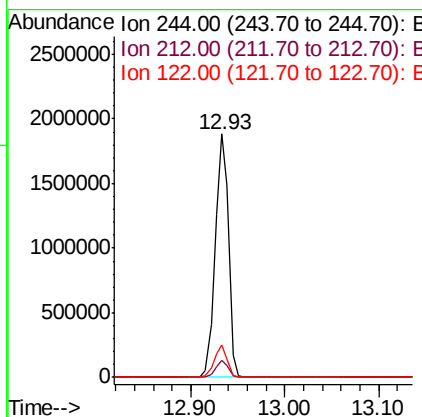
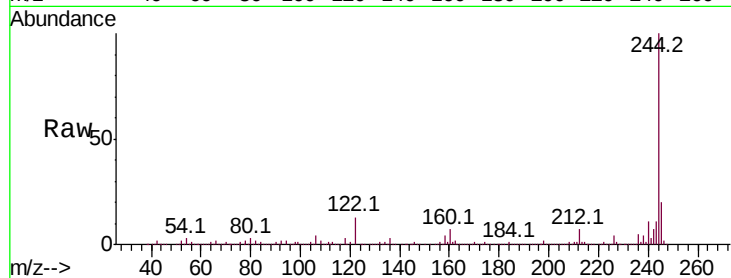


#79
 Terphenyl-d14
 Concen: 93.247 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.02 min
 Lab File: BF114415.D
 Acq: 19 May 2019 3:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 1879208

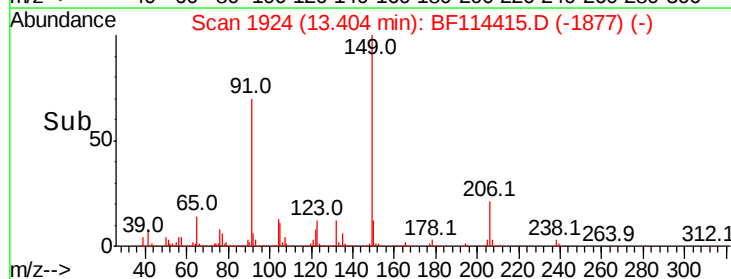
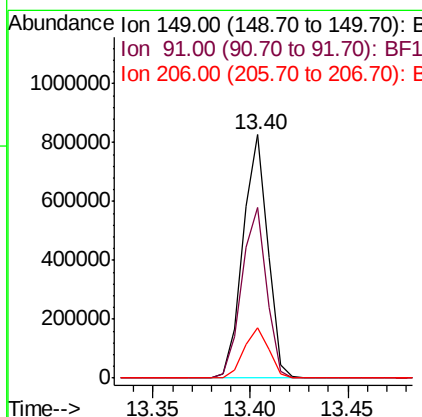
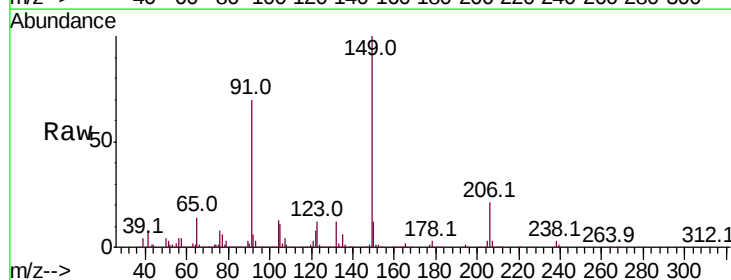
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	13.2	9.4	14.2

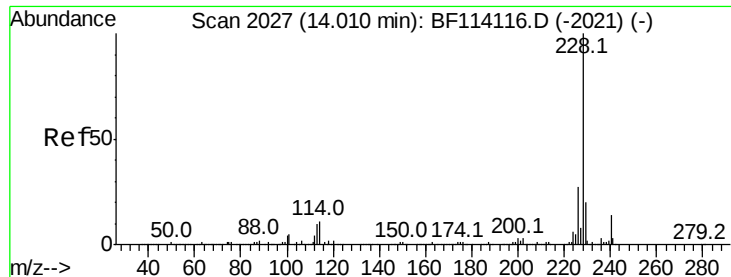


#80
 Butylbenzylphthalate
 Concen: 51.684 ng
 RT: 13.40 min Scan# 1924
 Delta R.T. -0.02 min
 Lab File: BF114415.D
 Acq: 19 May 2019 3:12

Tgt Ion:149 Resp: 727026

Ion	Ratio	Lower	Upper
149	100		
91	70.3	55.0	82.4
206	20.9	16.9	25.3





#81

Benzo(a)anthracene

Concen: 47.388 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.02 min

Lab File: BF114415.D

Acq: 19 May 2019 3:12

Instrument :

BNA_F

ClientSampleId :

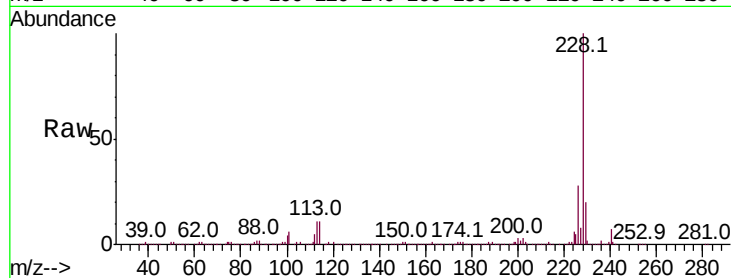
Tot Ion:228 Resp: 1273346

Ion Ratio Lower Upper

228 100

226 27.9 22.2 33.2

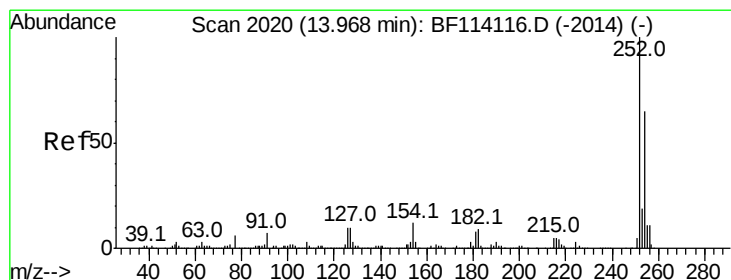
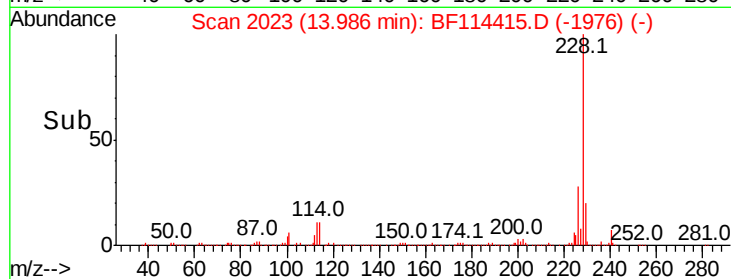
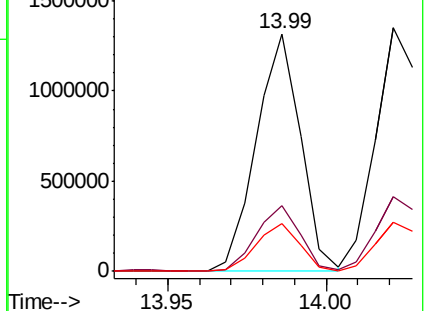
229 20.3 16.4 24.6



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: 35.604 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.02 min

Lab File: BF114415.D

Acq: 19 May 2019 3:12

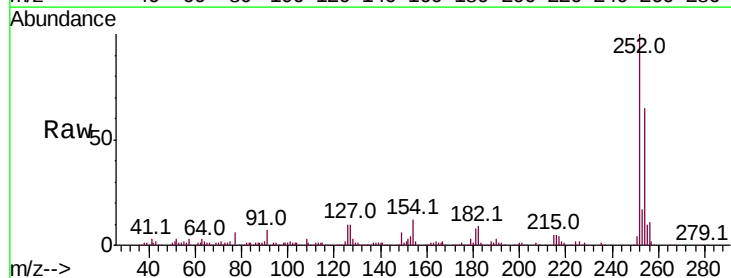
Tgt Ion:252 Resp: 371127

Ion Ratio Lower Upper

252 100

254 64.8 51.9 77.9

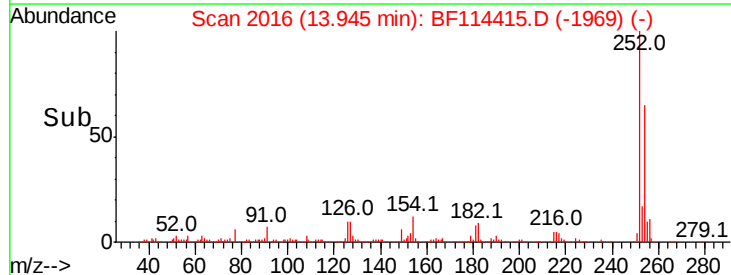
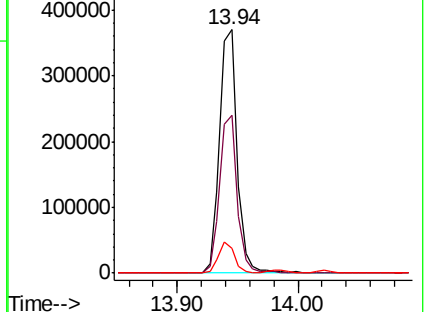
126 10.2 7.9 11.9

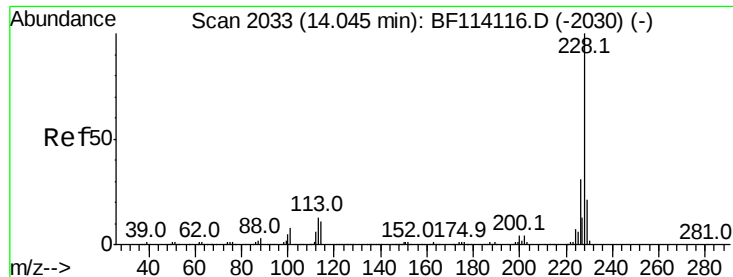


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 48.415 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.02 min

Lab File: BF114415.D

Acq: 19 May 2019 3:12

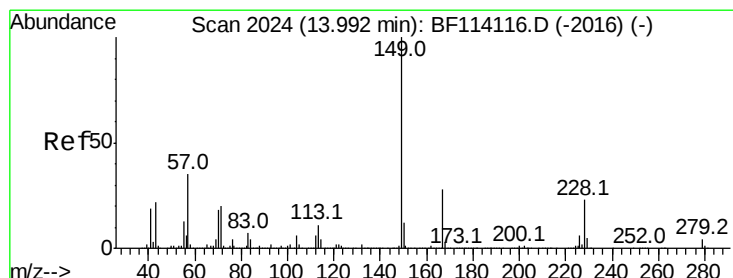
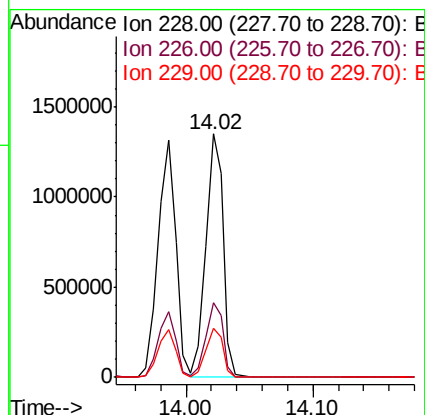
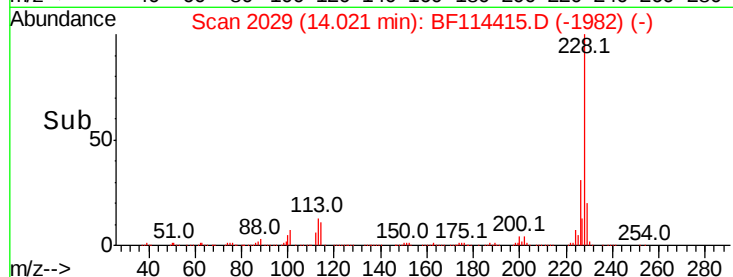
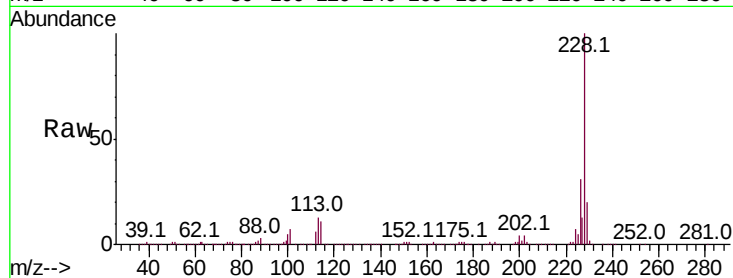
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1275279

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	20.3	17.0	25.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.304 ng

RT: 13.96 min Scan# 2019

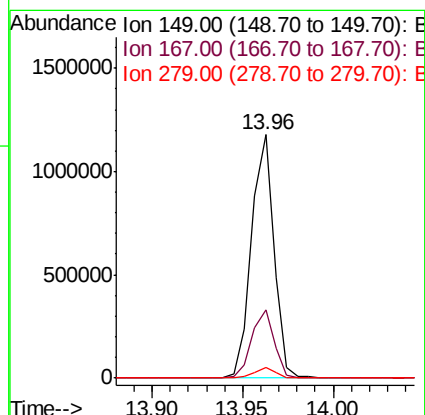
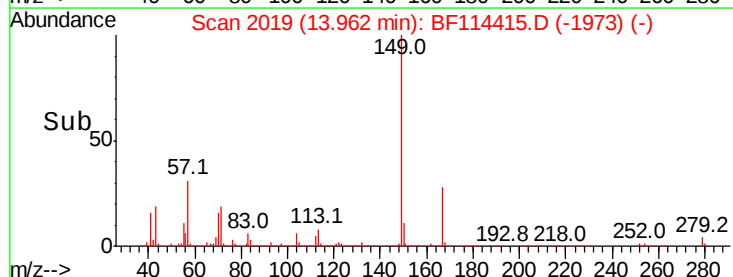
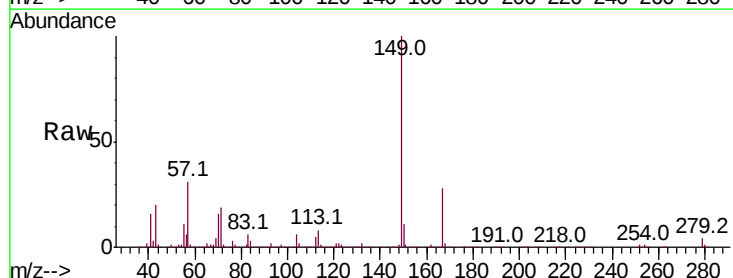
Delta R.T. -0.03 min

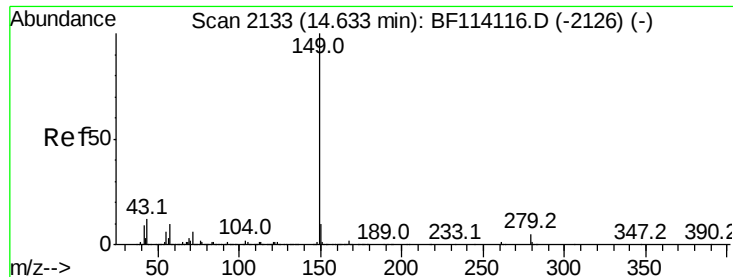
Lab File: BF114415.D

Acq: 19 May 2019 3:12

Tgt Ion:149 Resp: 1017460

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.6	33.8
279	4.1	3.0	4.6





#85

Di-n-octyl phthalate

Concen: 55.395 ng

RT: 14.57 min Scan# 2122

Delta R.T. -0.06 min

Lab File: BF114415.D

Acq: 19 May 2019 3:12

Instrument :

BNA_F

ClientSampleId :

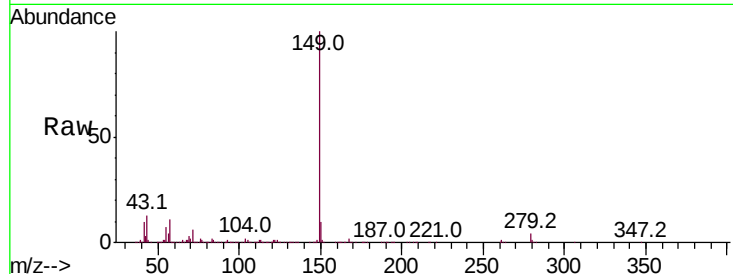
Tot Ion:149 Resp: 1652070

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

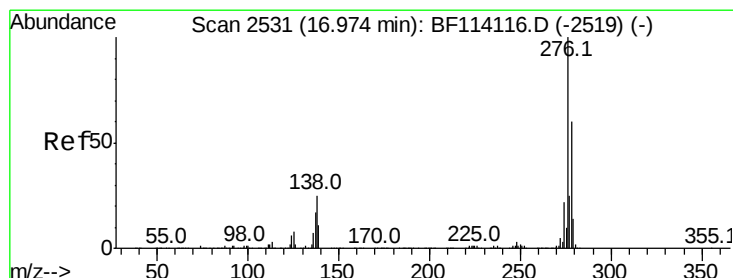
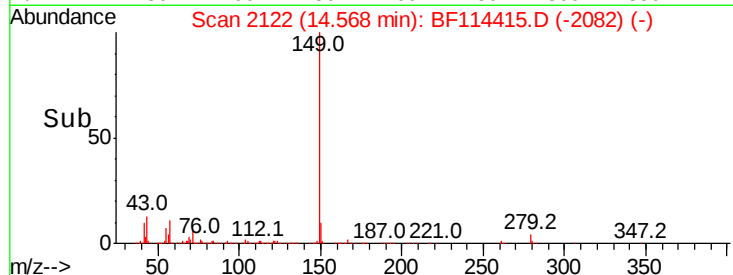
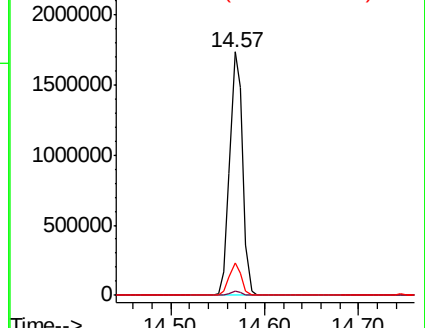
43 12.6 10.1 15.1



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: 57.182 ng

RT: 16.93 min Scan# 2524

Delta R.T. -0.04 min

Lab File: BF114415.D

Acq: 19 May 2019 3:12

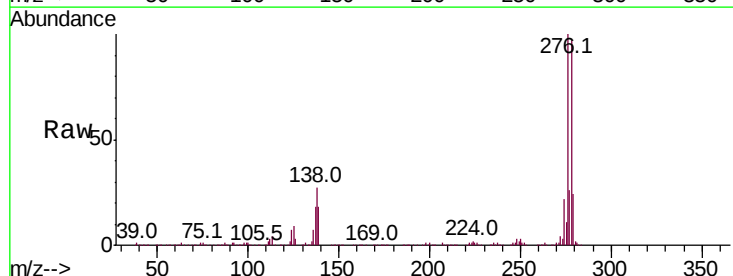
Tgt Ion:276 Resp: 1331148

Ion Ratio Lower Upper

276 100

138 26.1 20.2 30.2

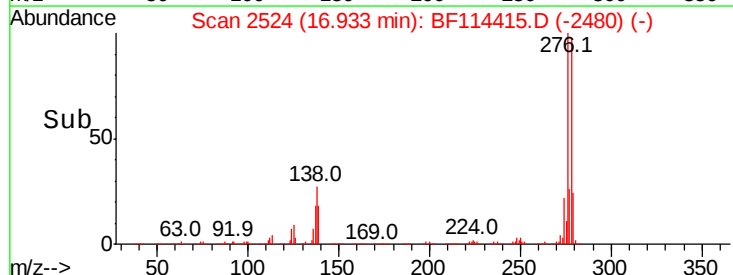
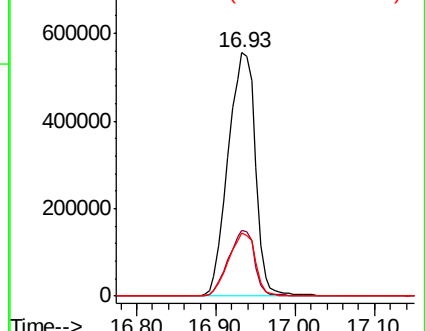
277 25.4 20.0 30.0

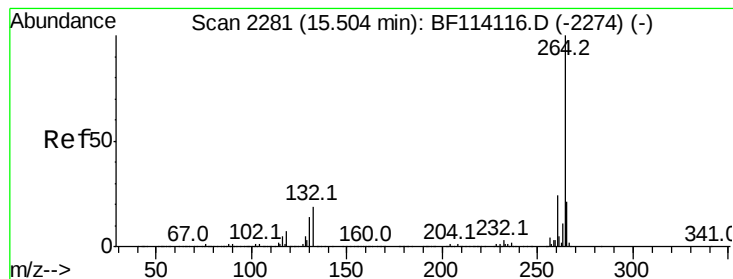


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.46 min Scan# 2273

Delta R.T. -0.05 min

Lab File: BF114415.D

Acq: 19 May 2019 3:12

Instrument :

BNA_F

ClientSampled :

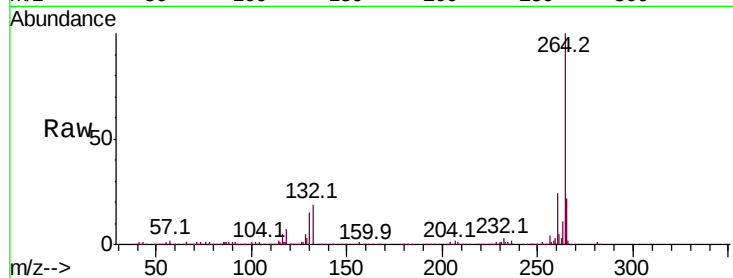
Tot Ion:264 Resp: 497748

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.0

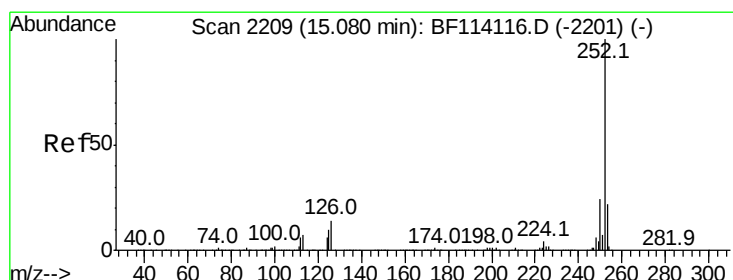
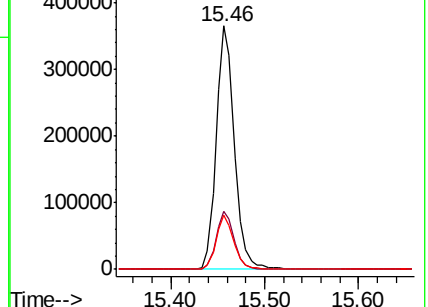
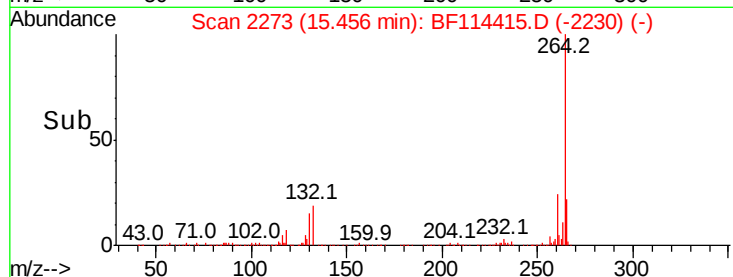
265 22.0 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 46.884 ng

RT: 15.03 min Scan# 2201

Delta R.T. -0.05 min

Lab File: BF114415.D

Acq: 19 May 2019 3:12

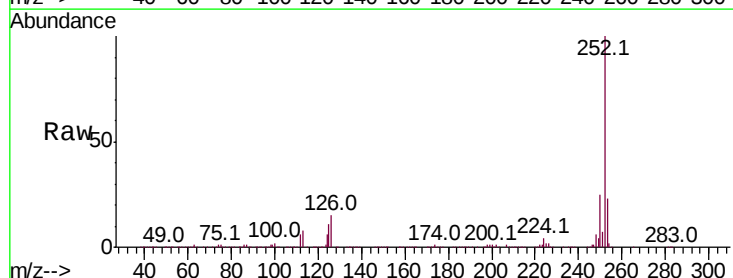
Tgt Ion:252 Resp: 1495066

Ion Ratio Lower Upper

252 100

253 23.0 17.8 26.8

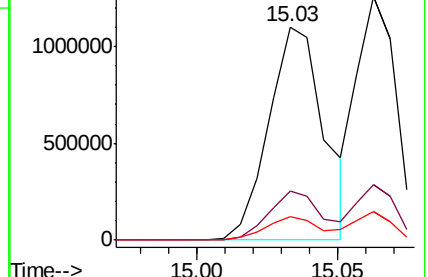
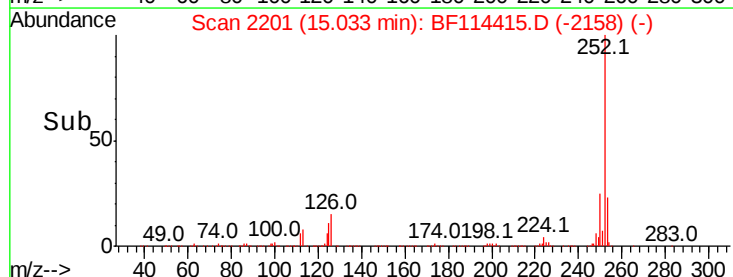
125 11.2 8.3 12.5

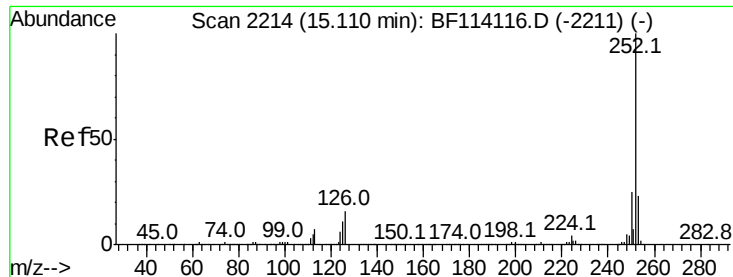


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

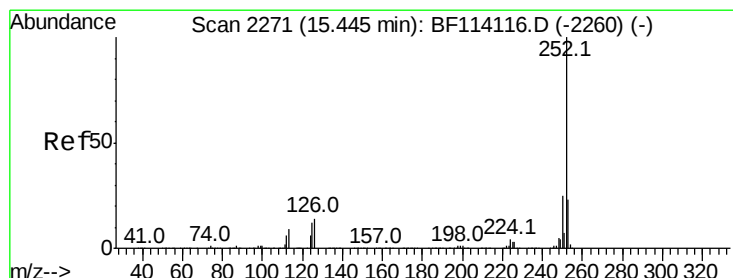
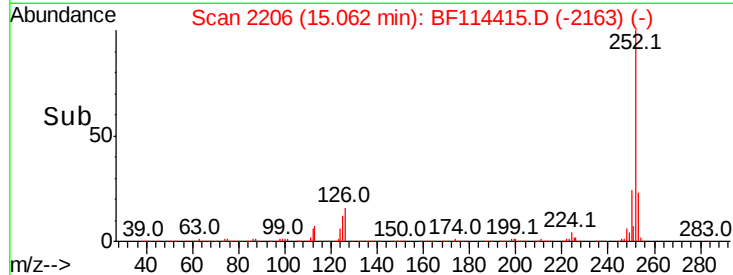
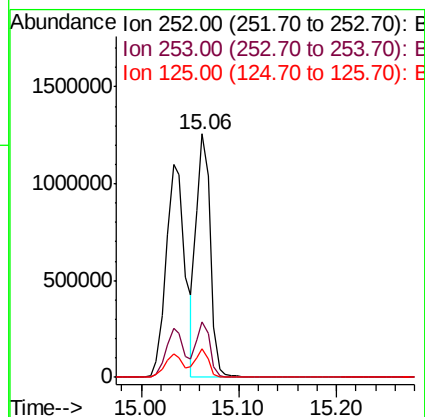
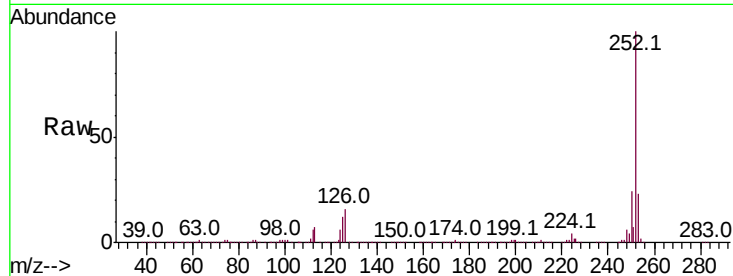




#89
Benzo(k)fluoranthene
Concen: 42.352 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.05 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

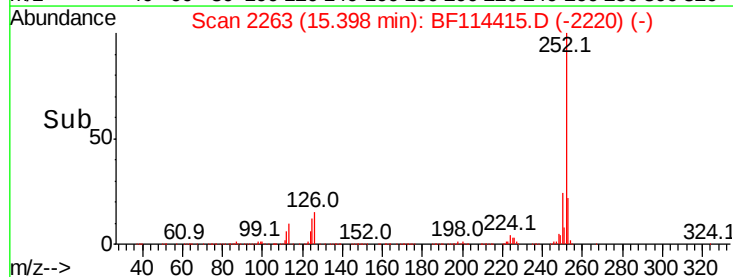
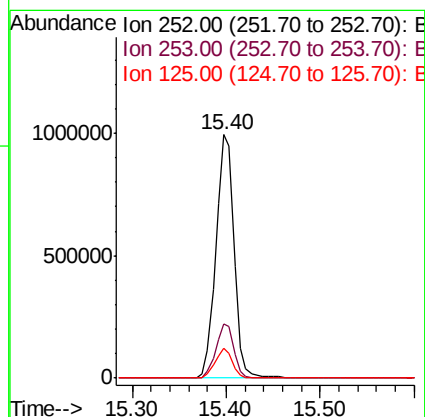
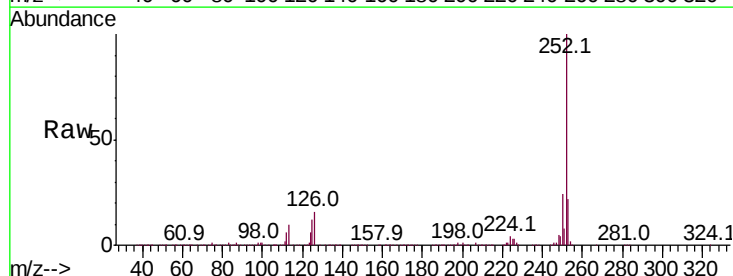
Instrument :
BNA_F
ClientSampleId :

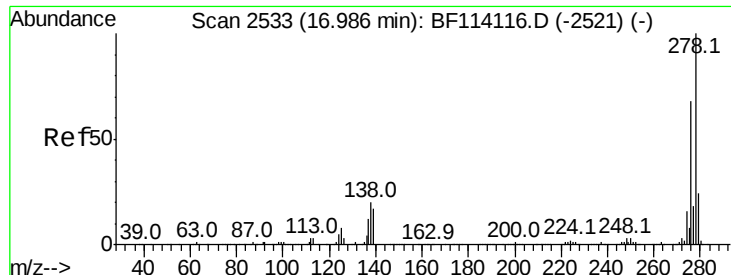
Tot Ion:252 Resp: 1240600
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.2
125 11.5 8.6 13.0



#90
Benzo(a)pyrene
Concen: 48.189 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.05 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

Tgt Ion:252 Resp: 1352417
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 12.5 9.5 14.3

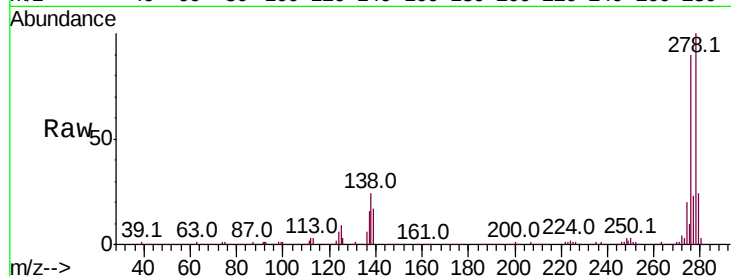




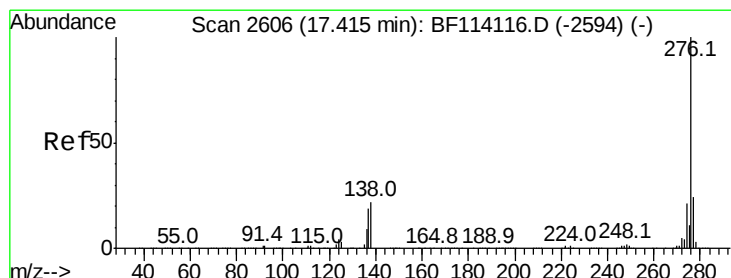
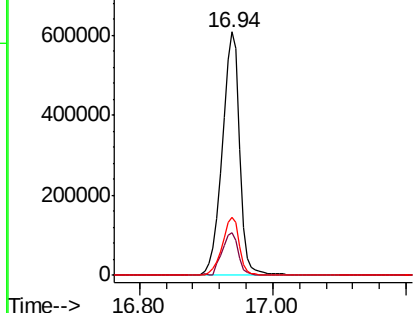
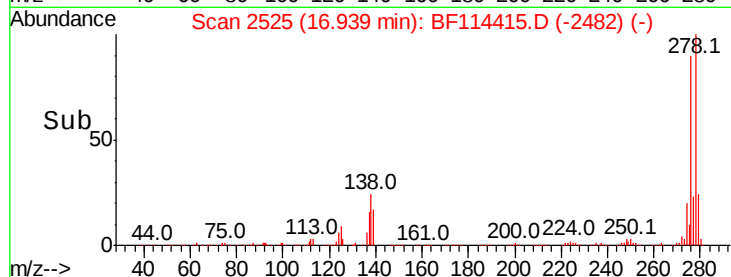
#91
Dibenzo(a,h)anthracene
Concen: 48.298 ng
RT: 16.94 min Scan# 2525
Delta R.T. -0.05 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1126336
Ion Ratio Lower Upper
278 100
139 17.3 13.5 20.3
279 23.8 19.0 28.6

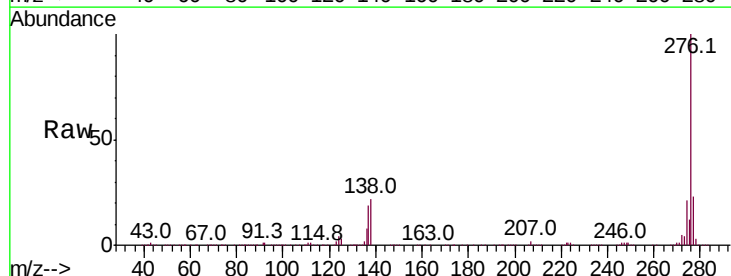


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 46.418 ng
RT: 17.37 min Scan# 2599
Delta R.T. -0.04 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

Tgt Ion:276 Resp: 1084806
Ion Ratio Lower Upper
276 100
277 23.2 19.0 28.4
138 22.4 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

