

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
 Data File : BF115029.D
 Acq On : 14 Jun 2019 10:31
 Operator : HP/JU
 Sample : PB120585BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 14 15:39:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 15:42:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	270602	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1052382	20.00	ng	0.00
39) Acenaphthene-d10	9.68	164	511181	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	1021423	20.00	ng	0.00
76) Chrysene-d12	13.78	240	636279	20.00	ng	0.00
87) Perylene-d12	15.15	264	700617	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.27	112	1991177	122.87	ng	0.02
7) Phenol-d6	6.30	99	2471687	126.44	ng	0.00
23) Nitrobenzene-d5	7.22	82	1541988	88.20	ng	0.00
42) 2,4,6-Tribromophenol	10.47	330	722573	132.00	ng	0.00
45) 2-Fluorobiphenyl	9.01	172	2853279	94.60	ng	0.00
79) Terphenyl-d14	12.73	244	3008621	88.94	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.37	88	275542	36.324	ng	100
3) Pyridine	3.05	79	785445	36.777	ng	99
4) n-Nitrosodimethylamine	2.99	42	303111	39.976	ng	95
6) Aniline	6.32	93	563996	21.543	ng	# 7
8) 2-Chlorophenol	6.44	128	777792	42.327	ng	100
9) Benzaldehyde	6.19	77	220126	15.116	ng	96
10) Phenol	6.32	94	883238	40.383	ng	79
11) bis(2-Chloroethyl)ether	6.39	93	704566	41.504	ng	100
12) 1,3-Dichlorobenzene	6.59	146	850404	39.621	ng	98
13) 1,4-Dichlorobenzene	6.66	146	869570	40.298	ng	98
14) 1,2-Dichlorobenzene	6.82	146	780771	38.433	ng	98
15) Benzyl Alcohol	6.80	79	467597	31.925	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.93	45	902895	39.739	ng	94
17) 2-Methylphenol	6.92	107	679542	44.336	ng	96
18) Hexachloroethane	7.16	117	308999	39.652	ng	97
19) n-Nitroso-di-n-propylamine	7.07	70	489275	41.194	ng	97
20) 3+4-Methylphenols	7.07	107	780880	42.807	ng	94
22) Acetophenone	7.06	105	1062944	44.619	ng	97
24) Nitrobenzene	7.23	77	777771	43.723	ng	94
25) Isophorone	7.47	82	1425632	43.536	ng	99
26) 2-Nitrophenol	7.55	139	453131	45.700	ng	96
27) 2,4-Dimethylphenol	7.60	122	740995	51.805	ng	99
28) bis(2-Chloroethoxy)methane	7.69	93	903798	43.019	ng	99
29) 2,4-Dichlorophenol	7.80	162	696471	46.092	ng	99
30) 1,2,4-Trichlorobenzene	7.87	180	743036	42.557	ng	99
31) Naphthalene	7.95	128	2239087	44.968	ng	100
32) Benzoic acid	7.75	122	407560	39.380	ng	97
33) 4-Chloroaniline	8.00	127	387208	16.847	ng	99
34) Hexachlorobutadiene	8.07	225	405374	41.770	ng	100
35) Caprolactam	8.38	113	131393	26.108	ng	94
36) 4-Chloro-3-methylphenol	8.50	107	721538	47.383	ng	97
37) 2-Methylnaphthalene	8.65	142	1537824	46.306	ng	99
38) 1-Methylnaphthalene	8.74	142	1442049	45.942	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.81	216	653685	43.284	ng	99

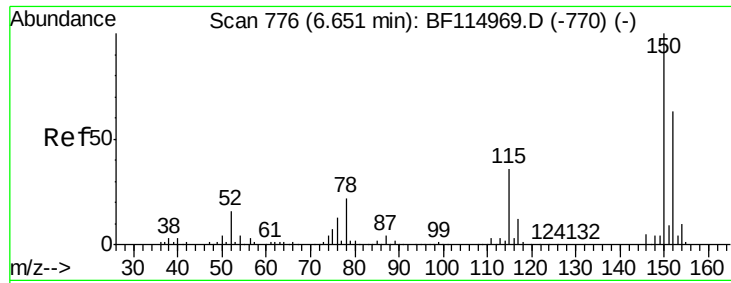
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 15:42:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.80	237	696239	93.559	ng	99
43) 2,4,6-Trichlorophenol	8.93	196	473685	41.994	ng	98
44) 2,4,5-Trichlorophenol	8.97	196	525790	46.124	ng	97
46) 1,1'-Biphenyl	9.11	154	1780631	43.469	ng	99
47) 2-Chloronaphthalene	9.13	162	1439879	43.468	ng	99
48) 2-Nitroaniline	9.23	65	414319	42.317	ng	94
49) Acenaphthylene	9.54	152	2228740	43.761	ng	99
50) Dimethylphthalate	9.42	163	1665787	43.331	ng	99
51) 2,6-Dinitrotoluene	9.47	165	398568	45.706	ng	# 86
52) Acenaphthene	9.72	154	1284760	44.092	ng	98
53) 3-Nitroaniline	9.63	138	232677	21.778	ng	98
54) 2,4-Dinitrophenol	9.75	184	399229	94.386	ng	91
55) Dibenzofuran	9.89	168	1879443	42.797	ng	99
56) 4-Nitrophenol	9.82	139	629364	85.421	ng	97
57) 2,4-Dinitrotoluene	9.87	165	504681	45.470	ng	96
58) Fluorene	10.23	166	1384977	47.709	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.01	232	449350	48.800	ng	98
60) Diethylphthalate	10.11	149	1609296	43.781	ng	99
61) 4-Chlorophenyl-phenylether	10.22	204	663267	45.863	ng	97
62) 4-Nitroaniline	10.25	138	427577	39.803	ng	98
63) Azobenzene	10.38	77	1424228	44.289	ng	97
65) 4,6-Dinitro-2-methylphenol	10.28	198	248412	43.391	ng	96
66) n-Nitrosodiphenylamine	10.34	169	1344639	44.040	ng	99
67) 4-Bromophenyl-phenylether	10.70	248	456839	41.655	ng	93
68) Hexachlorobenzene	10.77	284	504030	41.745	ng	96
69) Atrazine	10.87	200	448707	45.581	ng	99
70) Pentachlorophenol	10.97	266	579430	88.366	ng	99
71) Phenanthrene	11.18	178	2195200	41.625	ng	100
72) Anthracene	11.23	178	2277523	42.808	ng	100
73) Carbazole	11.39	167	2088948	44.984	ng	99
74) Di-n-butylphthalate	11.73	149	2405634	41.092	ng	100
75) Fluoranthene	12.36	202	2321387	43.047	ng	98
77) Benzidine	12.48	184	536261	20.837	ng	97
78) Pyrene	12.59	202	2357543	40.673	ng	100
80) Butylbenzylphthalate	13.21	149	1136645	41.984	ng	95
81) Benzo(a)anthracene	13.77	228	2046567	42.982	ng	99
82) 3,3'-Dichlorobenzidine	13.73	252	541029	29.638	ng	99
83) Chrysene	13.80	228	2090242	44.146	ng	99
84) Bis(2-ethylhexyl)phthalate	13.77	149	1321181	41.289	ng	98
85) Di-n-octyl phthalate	14.38	149	2471947	44.861	ng	100
86) Indeno(1,2,3-cd)pyrene	16.46	276	1809289	43.502	ng	100
88) Benzo(b)fluoranthene	14.77	252	2148354	46.127	ng	100
89) Benzo(k)fluoranthene	14.80	252	1886052	46.136	ng	99
90) Benzo(a)pyrene	15.10	252	1894087	47.130	ng	99
91) Dibenzo(a,h)anthracene	16.47	278	1495401	43.207	ng	100
92) Benzo(g,h,i)perylene	16.85	276	1506546	42.682	ng	99

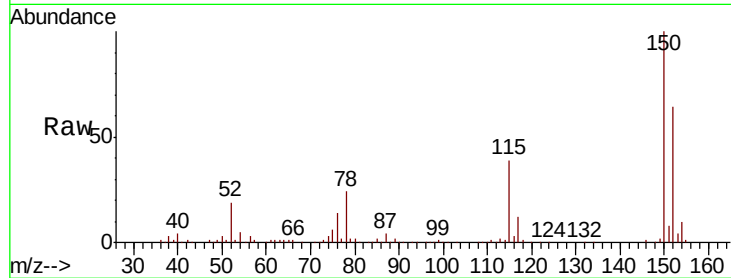
(#) = qualifier out of range (m) = manual integration (+) = signals summed



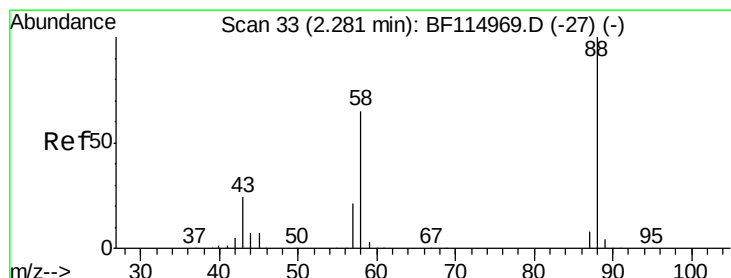
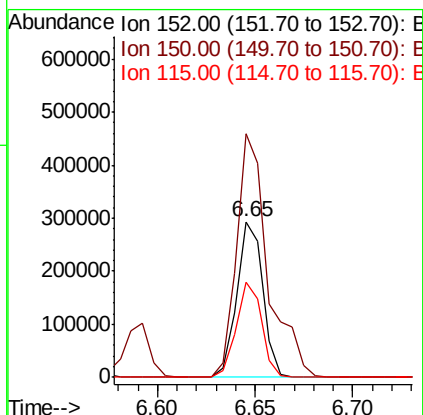
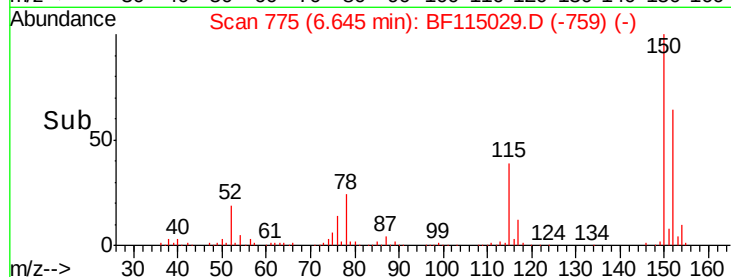
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.65 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF115029.D
 Acq: 14 Jun 2019 10:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 270602
 Ion Ratio Lower Upper
 152 100
 150 156.7 127.4 191.0
 115 60.8 46.0 69.0

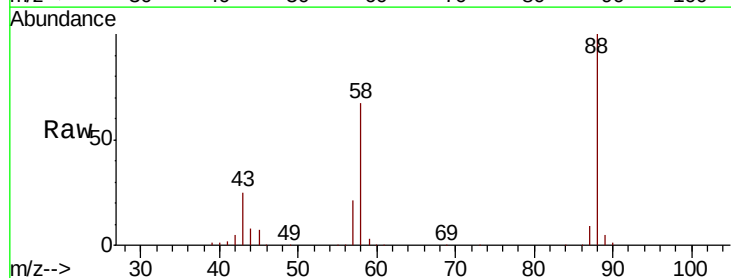


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

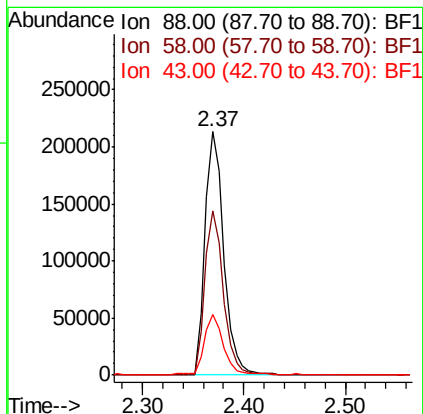
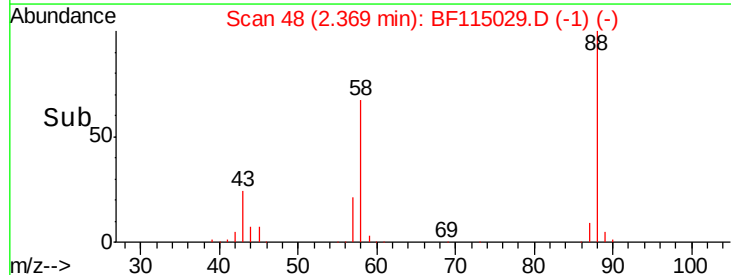


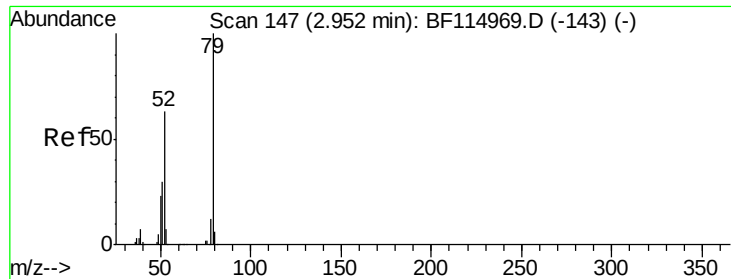
#2
 1,4-Dioxane
 Concen: 36.324 ng
 RT: 2.37 min Scan# 48
 Delta R.T. 0.09 min
 Lab File: BF115029.D
 Acq: 14 Jun 2019 10:31

Tgt Ion: 88 Resp: 275542
 Ion Ratio Lower Upper
 88 100
 58 66.7 53.4 80.2
 43 24.6 19.7 29.5



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: 36.777 ng

RT: 3.05 min Scan# 163

Delta R.T. 0.09 min

Lab File: BF115029.D

Acq: 14 Jun 2019 10:31

Instrument :

BNA_F

ClientSampleId :

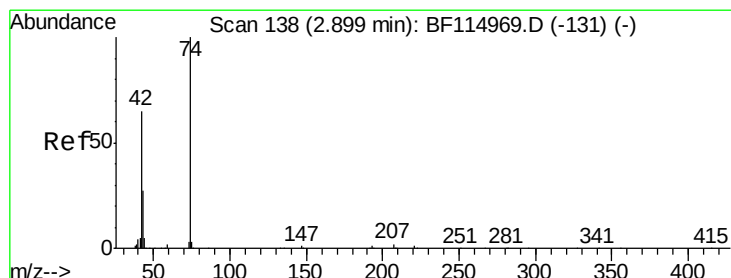
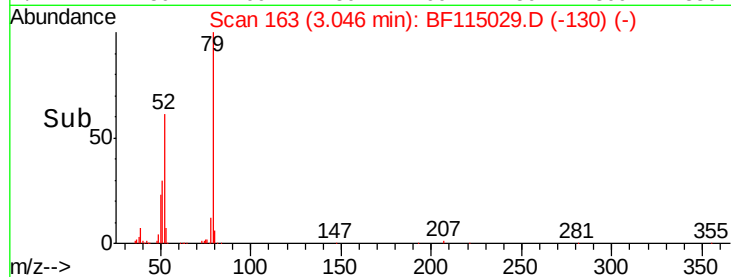
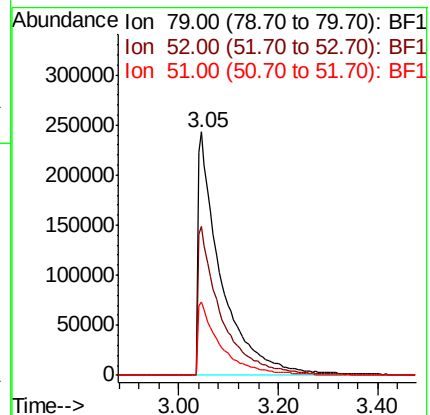
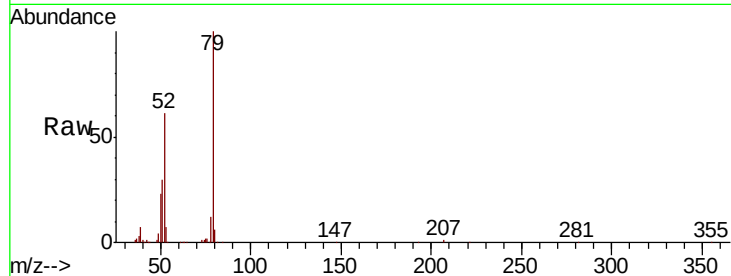
Tot Ion: 79 Resp: 785445

Ion Ratio Lower Upper

79 100

52 61.4 50.3 75.5

51 30.3 24.4 36.6



#4

n-Nitrosodimethylamine

Concen: 39.976 ng

RT: 2.99 min Scan# 153

Delta R.T. 0.09 min

Lab File: BF115029.D

Acq: 14 Jun 2019 10:31

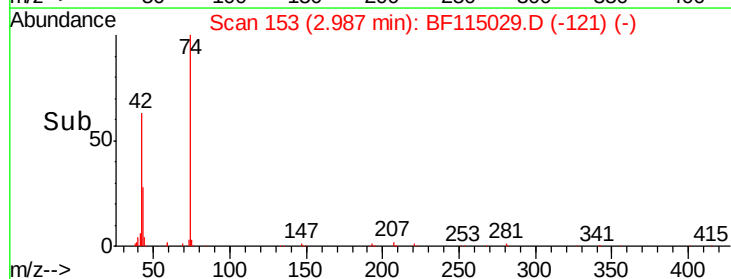
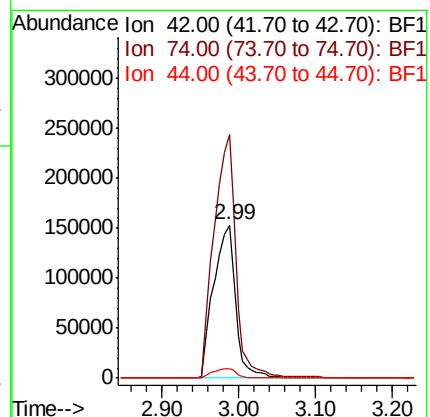
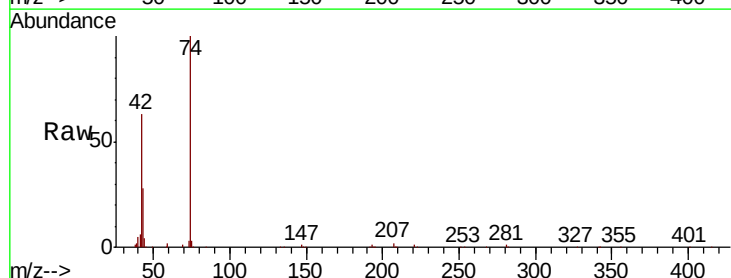
Tgt Ion: 42 Resp: 303111

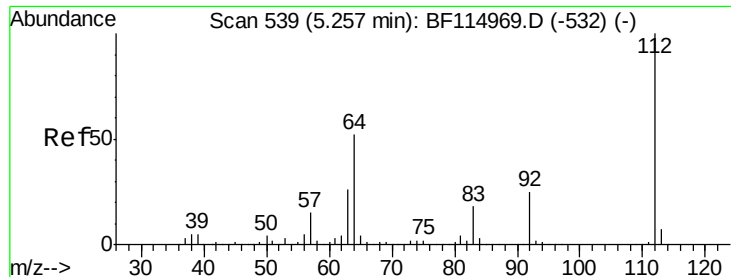
Ion Ratio Lower Upper

42 100

74 158.8 122.2 183.2

44 6.5 5.8 8.8





#5

2-Fluorophenol

Concen: 122.868 ng

RT: 5.27 min Scan# 542

Delta R.T. 0.02 min

Lab File: BF115029.D

Acq: 14 Jun 2019 10:31

Instrument :

BNA_F

ClientSampleId :

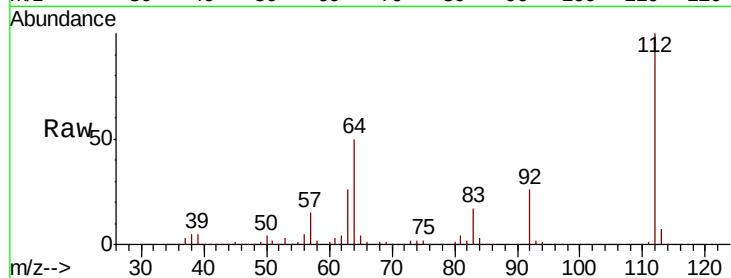
Tot Ion:112 Resp: 1991177

Ion Ratio Lower Upper

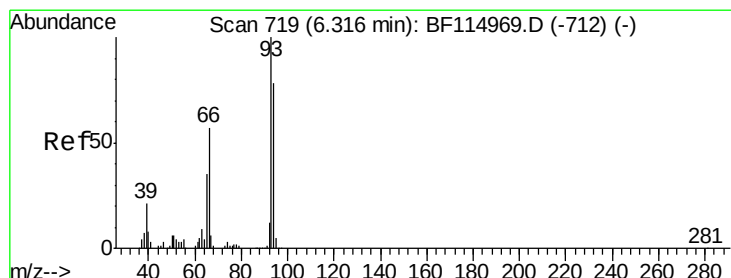
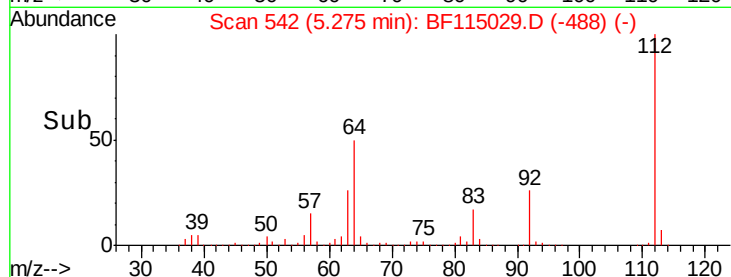
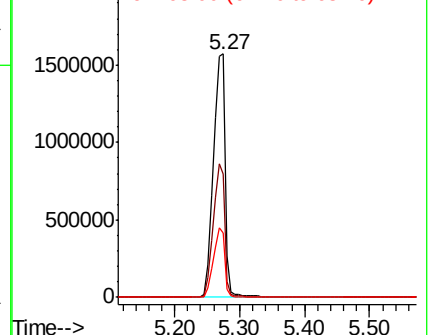
112 100

64 50.5 41.6 62.4

63 26.3 20.9 31.3



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 21.543 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.00 min

Lab File: BF115029.D

Acq: 14 Jun 2019 10:31

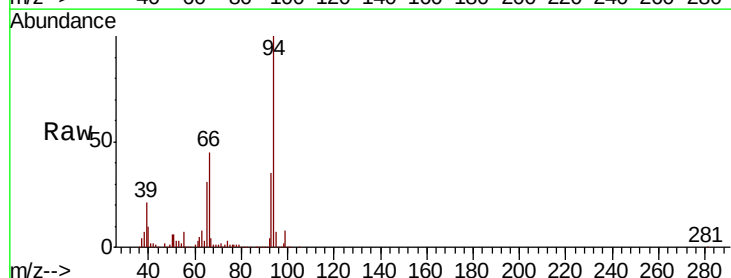
Tgt Ion: 93 Resp: 563996

Ion Ratio Lower Upper

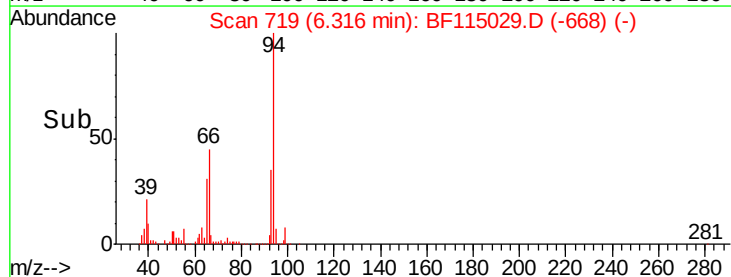
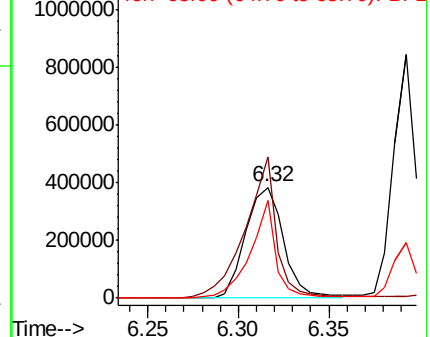
93 100

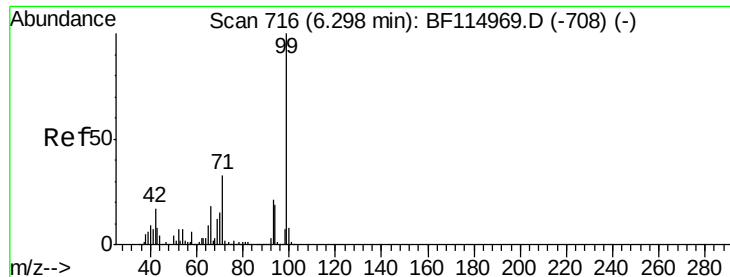
66 127.5 46.2 69.2#

65 87.4 27.7 41.5#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 126.437 ng

RT: 6.30 min Scan# 717

Delta R.T. 0.01 min

Lab File: BF115029.D

Acq: 14 Jun 2019 10:31

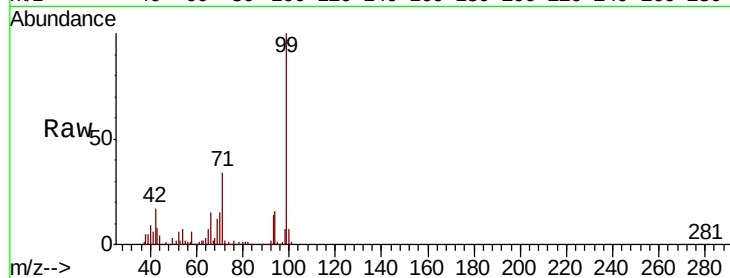
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 2471687

Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.4	20.2
71	34.0	26.4	39.6

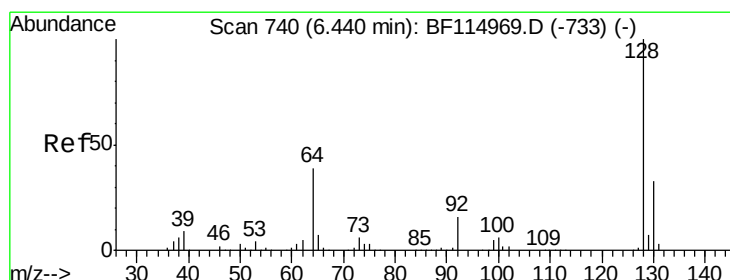
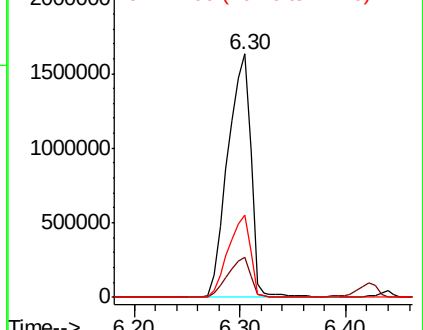
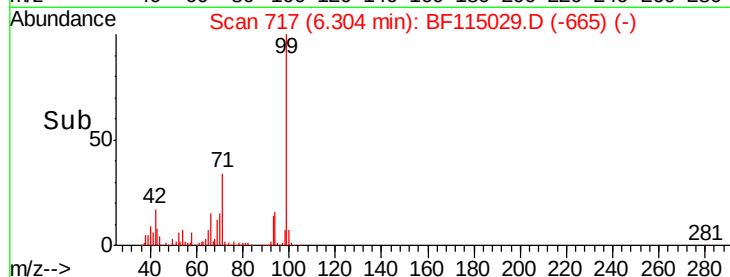


Abundance

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: 42.327 ng

RT: 6.44 min Scan# 740

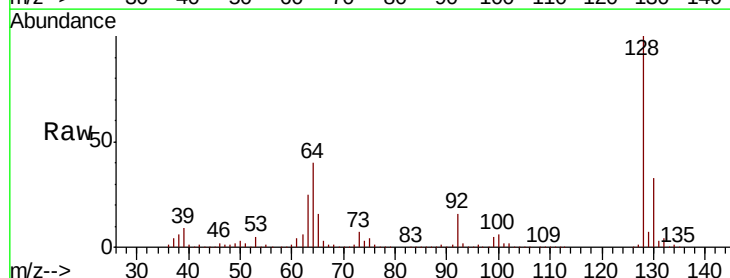
Delta R.T. -0.00 min

Lab File: BF115029.D

Acq: 14 Jun 2019 10:31

Tgt Ion: 128 Resp: 777792

Ion	Ratio	Lower	Upper
128	100		
130	33.4	13.4	53.4
64	40.4	20.1	60.1

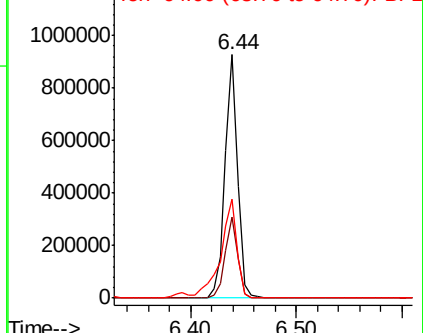
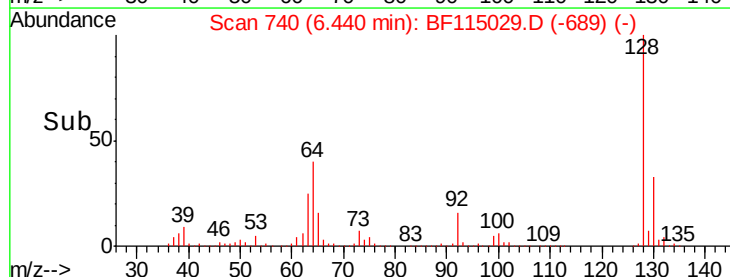


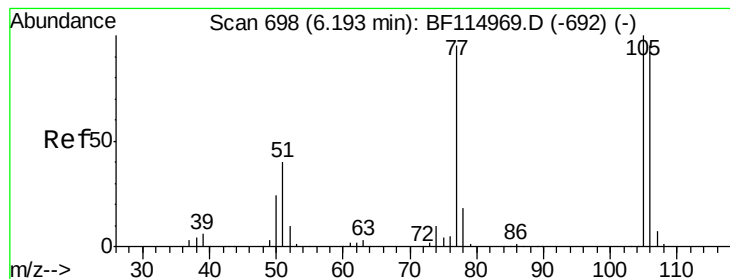
Abundance

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: 15.116 ng

RT: 6.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF115029.D

Acq: 14 Jun 2019 10:31

Instrument :

BNA_F

ClientSampleId :

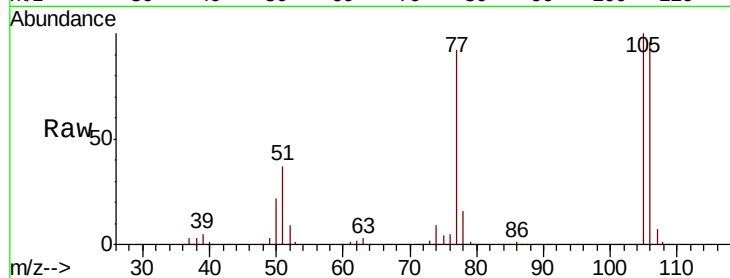
Tot Ion: 77 Resp: 220126

Ion Ratio Lower Upper

77 100

105 108.7 85.1 125.1

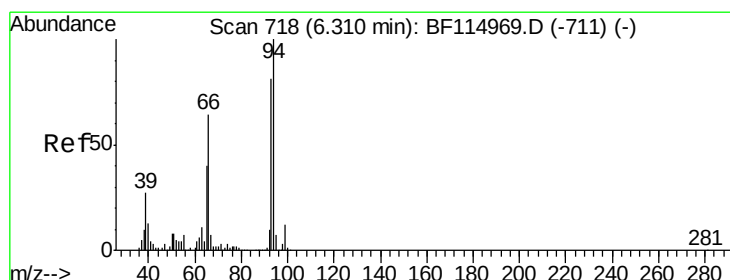
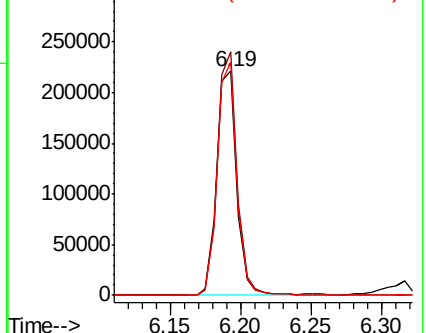
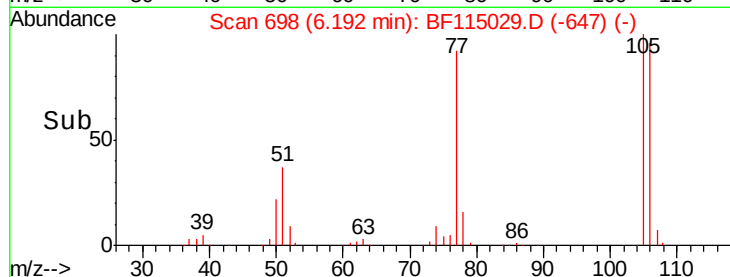
106 104.0 80.0 120.0



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: 40.383 ng

RT: 6.32 min Scan# 719

Delta R.T. 0.01 min

Lab File: BF115029.D

Acq: 14 Jun 2019 10:31

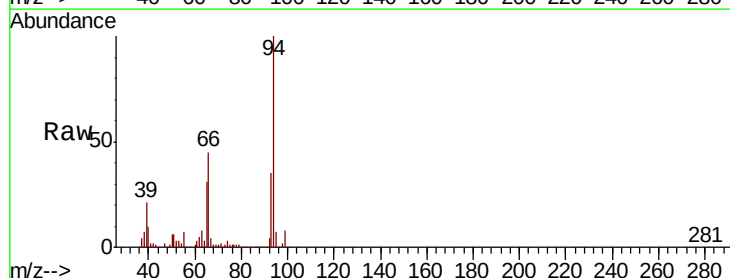
Tgt Ion: 94 Resp: 883238

Ion Ratio Lower Upper

94 100

65 30.7 20.0 60.0

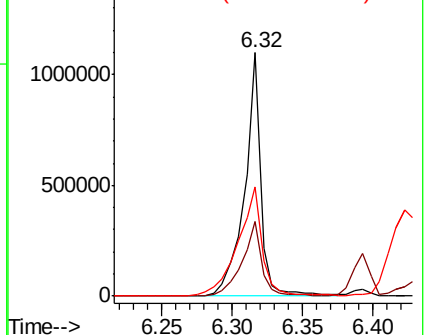
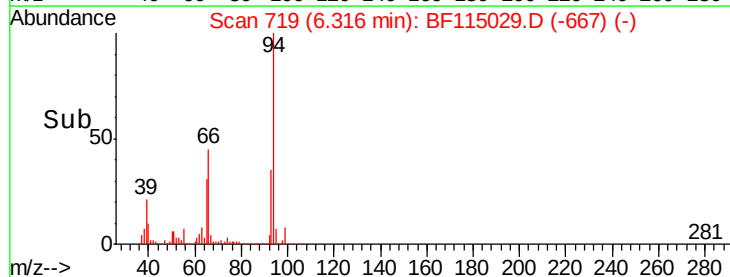
66 44.7 44.1 84.1

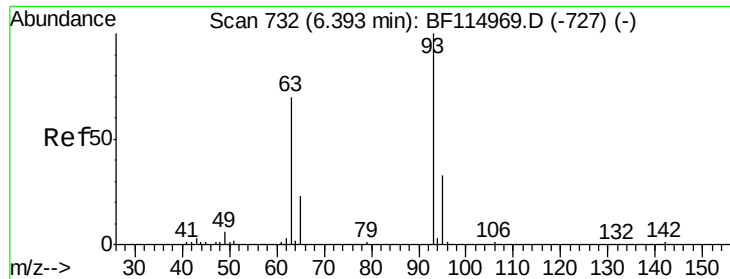


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

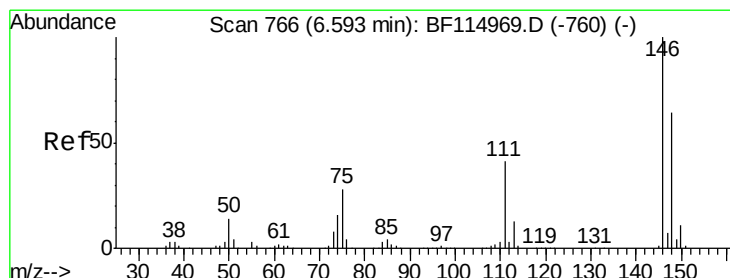
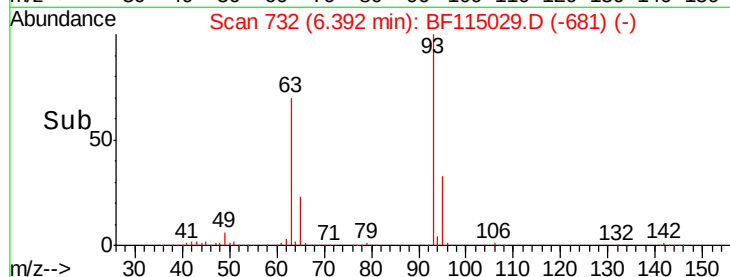
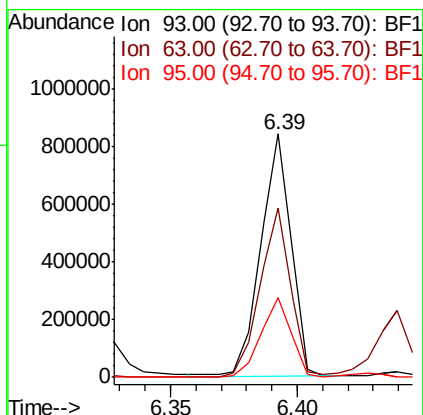
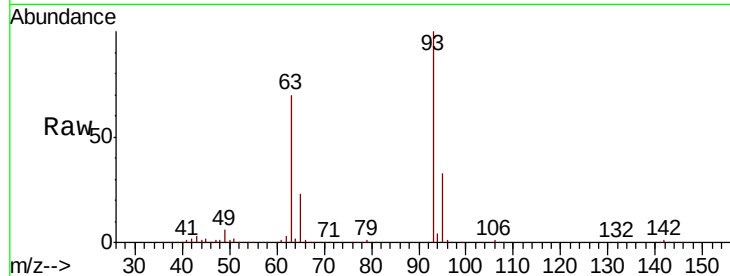




#11
bis(2-Chloroethyl)ether
Concen: 41.504 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF115029.D
Acq: 14 Jun 2019 10:31

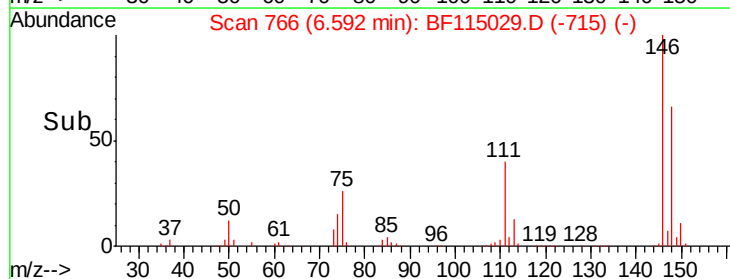
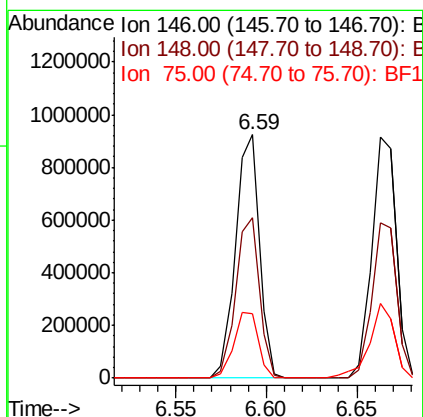
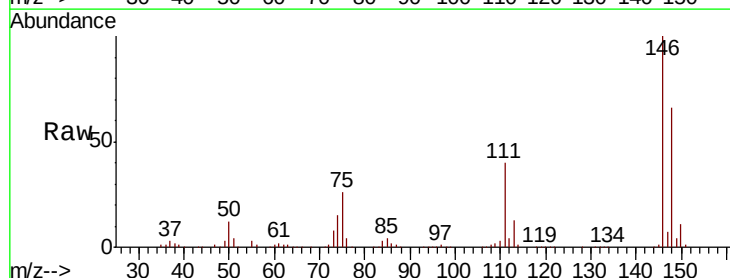
Instrument :
BNA_F
ClientSampleId :

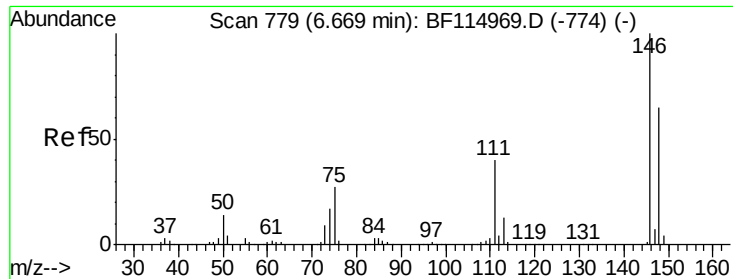
Tot Ion	Ratio	Lower	Upper
93	100		
63	69.8	49.8	89.8
95	32.8	13.3	53.3



#12
1,3-Dichlorobenzene
Concen: 39.621 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.00 min
Lab File: BF115029.D
Acq: 14 Jun 2019 10:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.1	51.6	77.4
75	26.4	22.3	33.5

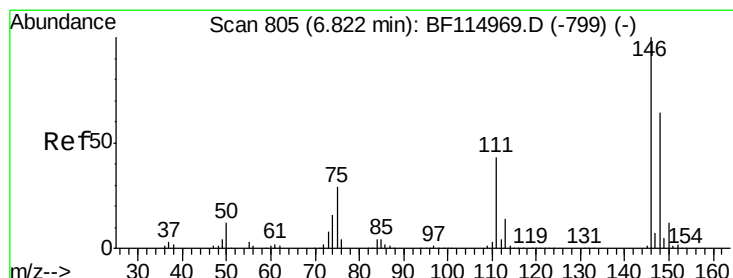
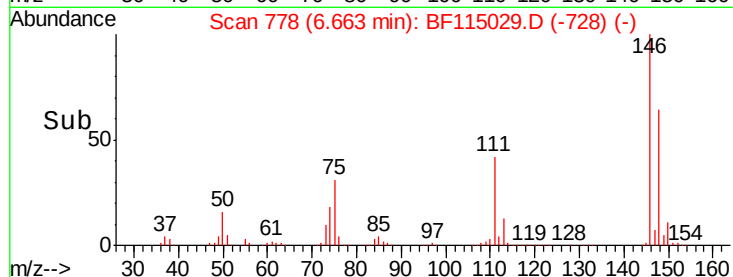
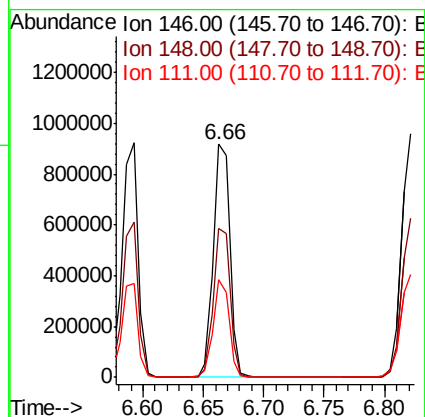
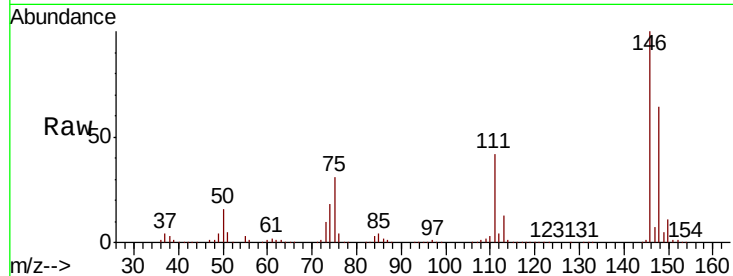




#13
 1,4-Dichlorobenzene
 Concen: 40.298 ng
 RT: 6.66 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BF115029.D
 Acq: 14 Jun 2019 10:31

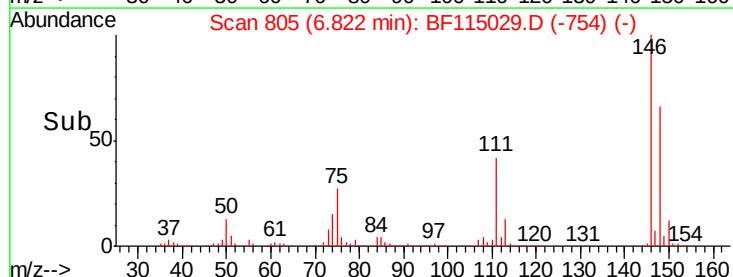
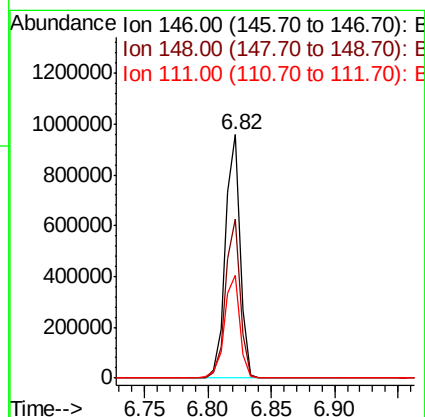
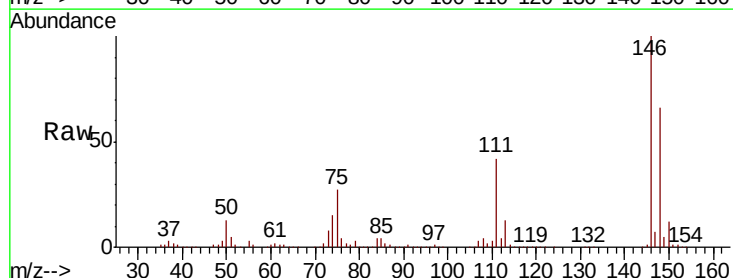
Instrument :
 BNA_F
 ClientSampled :

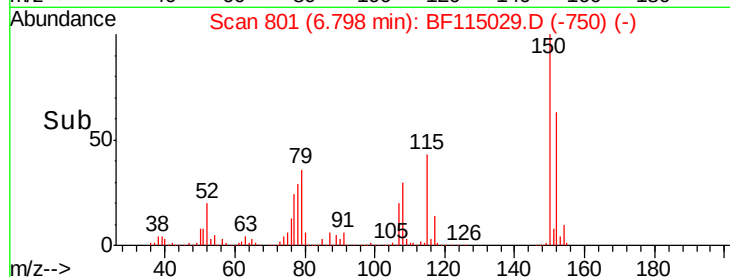
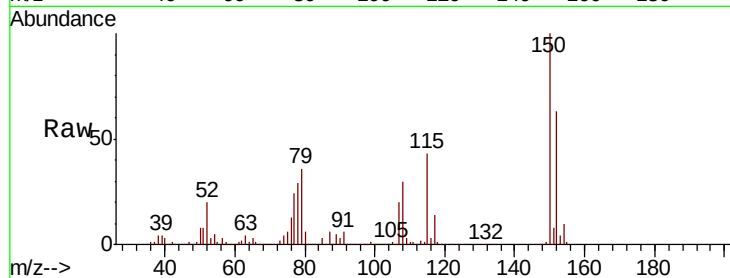
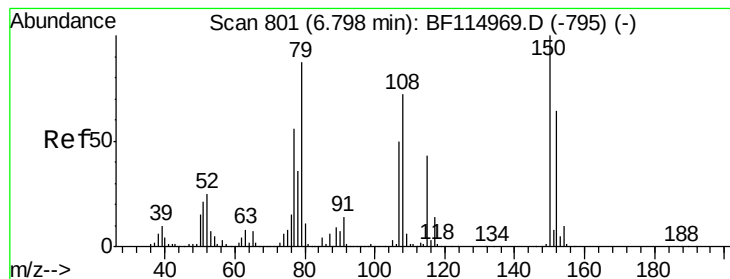
Tot Ion:146 Resp: 869570
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.2 78.2
 111 41.8 32.4 48.6



#14
 1,2-Dichlorobenzene
 Concen: 38.433 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF115029.D
 Acq: 14 Jun 2019 10:31

Tgt Ion:146 Resp: 780771
 Ion Ratio Lower Upper
 146 100
 148 65.6 51.5 77.3
 111 42.2 34.6 51.8





#15

Benzyl Alcohol

Concen: 31.925 ng

RT: 6.80 min Scan# 801

Delta R.T. -0.00 min

Lab File: BF115029.D

Acq: 14 Jun 2019 10:31

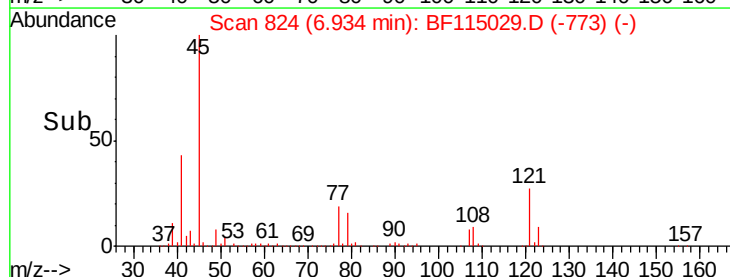
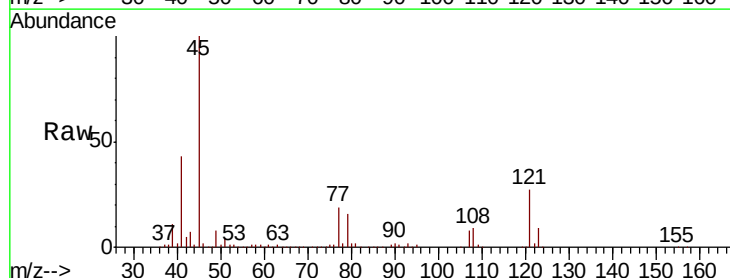
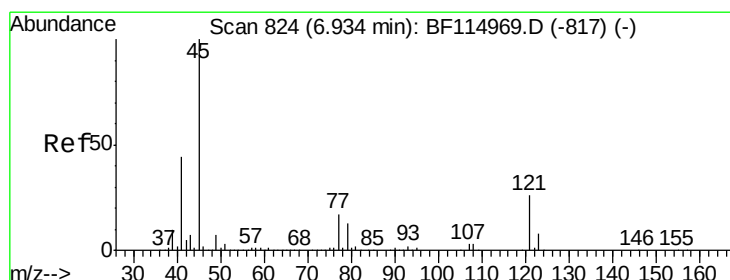
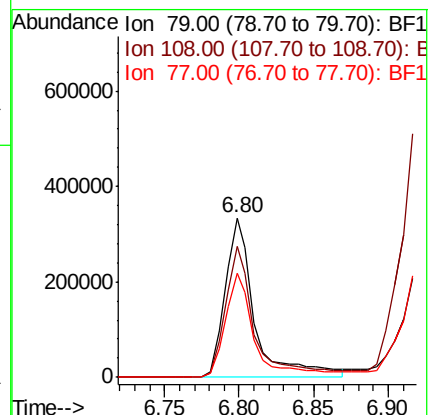
Tot Ion: 79 Resp: 467597

Ion Ratio Lower Upper

79 100

108 82.1 66.0 99.0

77 65.1 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.739 ng

RT: 6.93 min Scan# 824

Delta R.T. -0.00 min

Lab File: BF115029.D

Acq: 14 Jun 2019 10:31

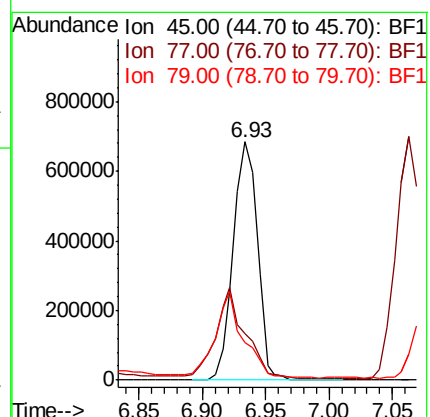
Tgt Ion: 45 Resp: 902895

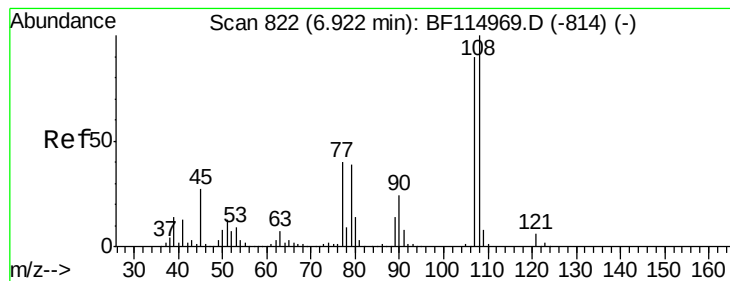
Ion Ratio Lower Upper

45 100

77 19.5 0.0 37.0

79 15.8 0.0 33.1

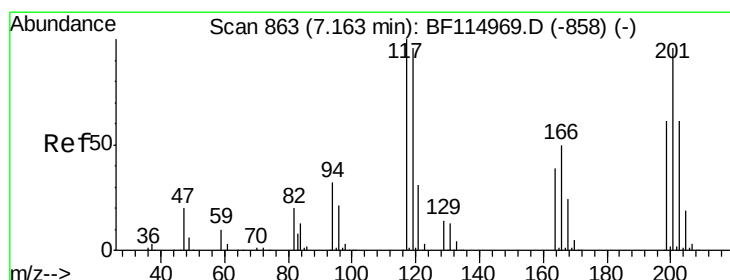
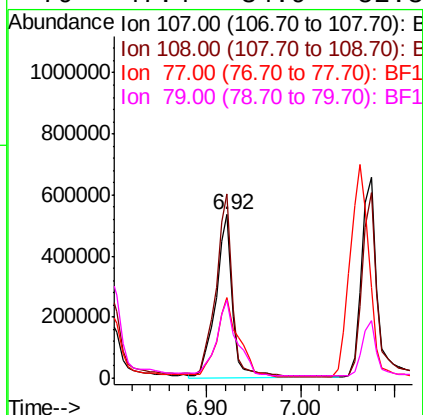
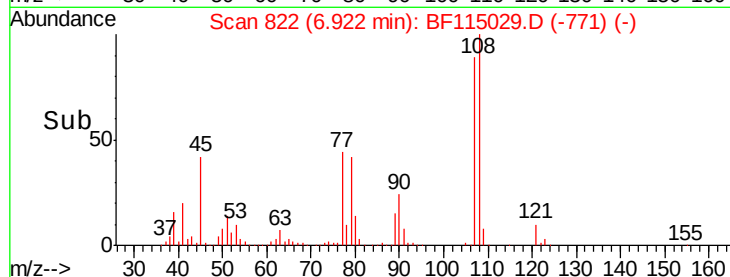
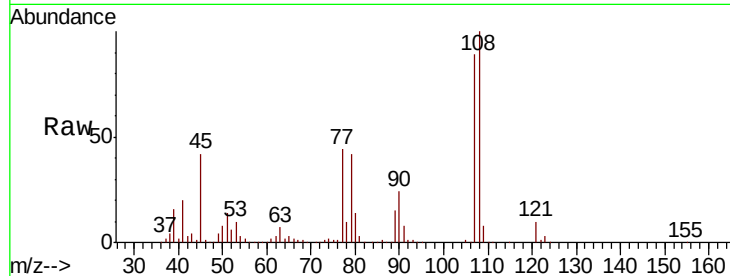




#17
2-Methylphenol
Concen: 44.336 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF115029.D
Acq: 14 Jun 2019 10:31

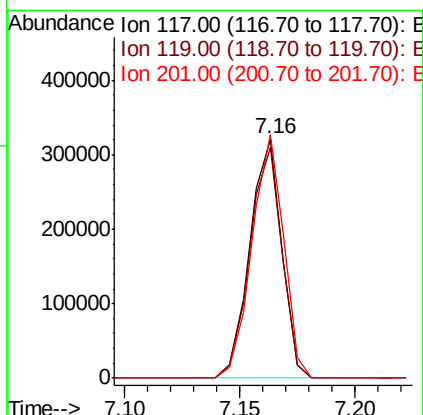
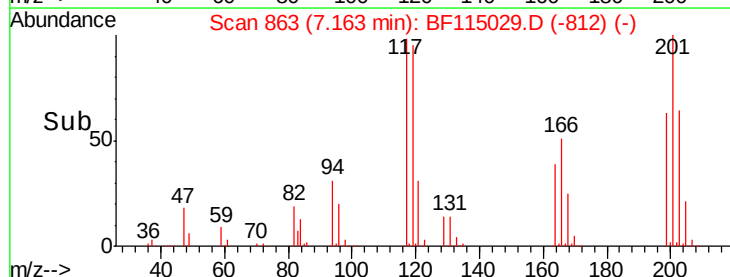
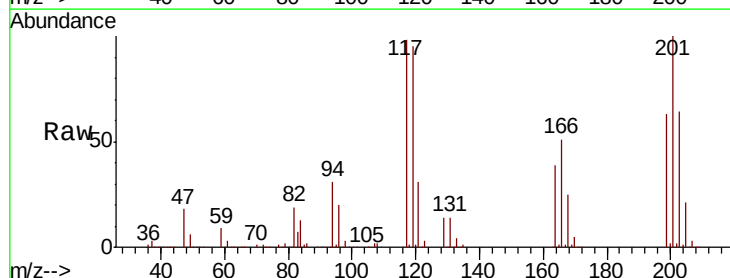
Instrument :
BNA_F
ClientSampleId :

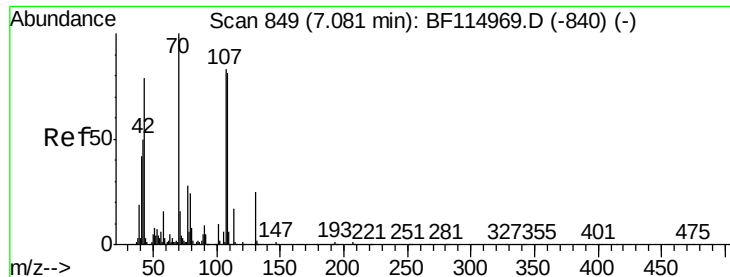
Tot Ion:107 Resp: 679542
Ion Ratio Lower Upper
107 100
108 112.8 89.3 133.9
77 49.6 35.4 53.2
79 47.4 34.9 52.3



#18
Hexachloroethane
Concen: 39.652 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF115029.D
Acq: 14 Jun 2019 10:31

Tgt Ion:117 Resp: 308999
Ion Ratio Lower Upper
117 100
119 96.7 77.0 115.4
201 101.9 76.6 115.0

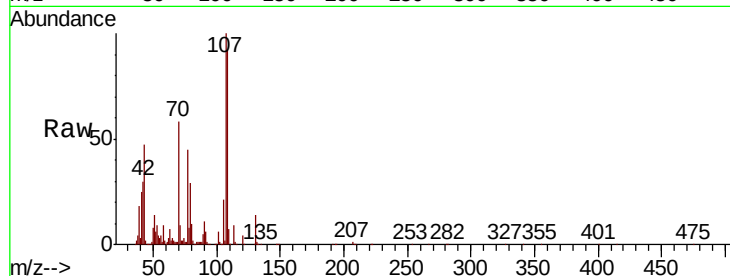




#19
n-Nitroso-di-n-propylamine
Concen: 41.194 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF115029.D
Acq: 14 Jun 2019 10:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	489275
Ion	Ratio	Lower	Upper
70	100		
42	52.4	40.3	60.5
101	10.3	8.2	12.4
130	23.6	20.3	30.5



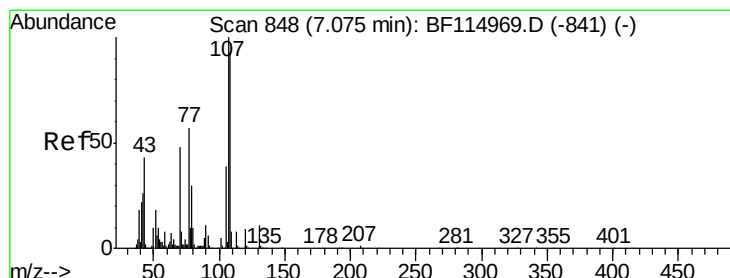
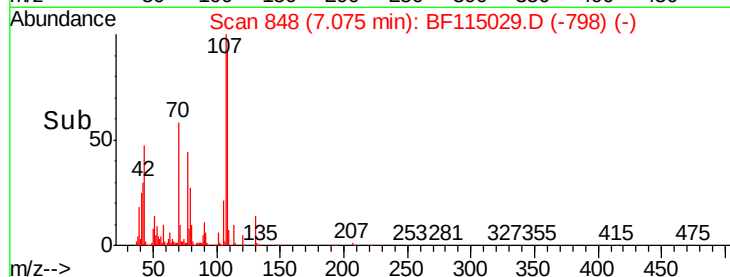
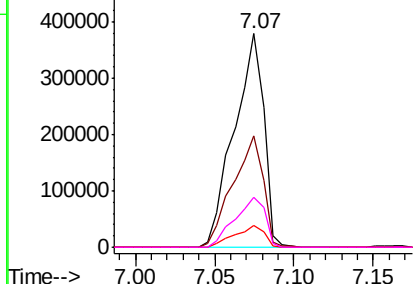
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

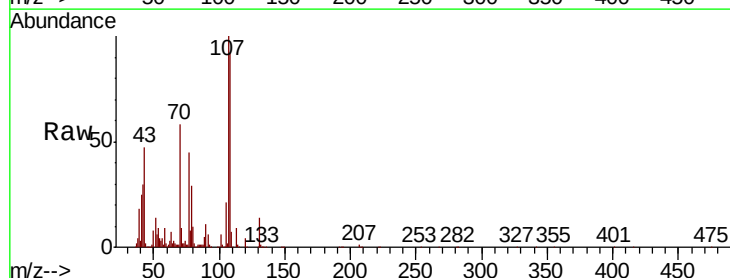
Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 42.807 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.00 min
Lab File: BF115029.D
Acq: 14 Jun 2019 10:31

Tgt Ion:	107	Resp:	780880
Ion	Ratio	Lower	Upper
107	100		
108	92.3	73.1	113.1
77	45.1	37.3	77.3
79	28.8	9.6	49.6



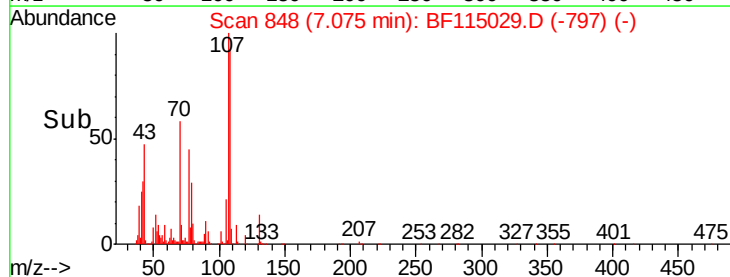
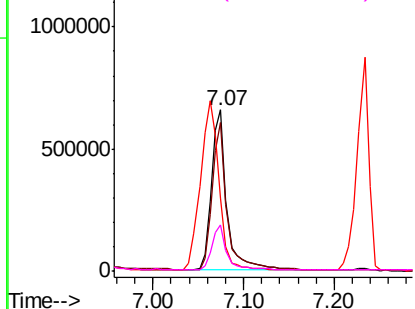
Abundance

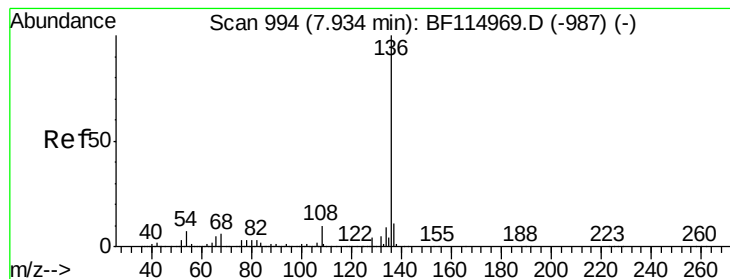
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF115029.D

Acq: 14 Jun 2019 10:31

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 1052382

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	6.6	5.4	8.0
68	5.7	4.6	7.0

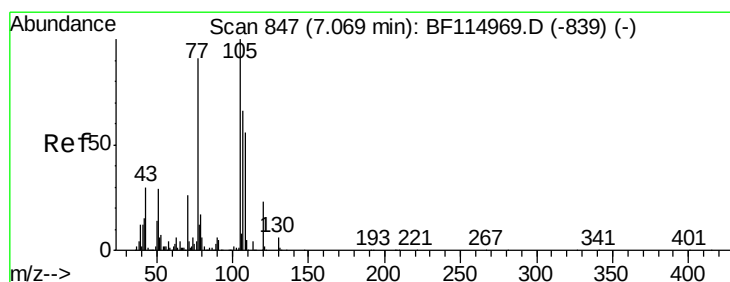
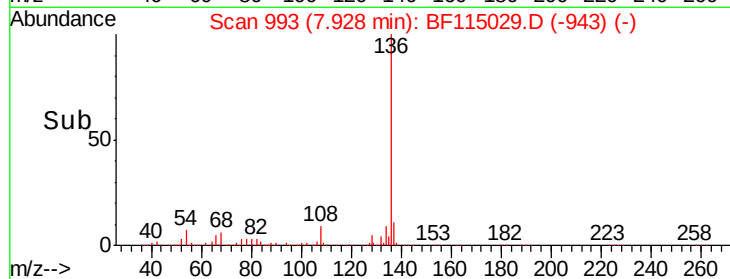
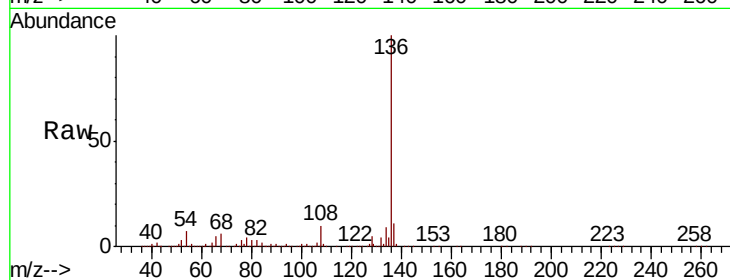
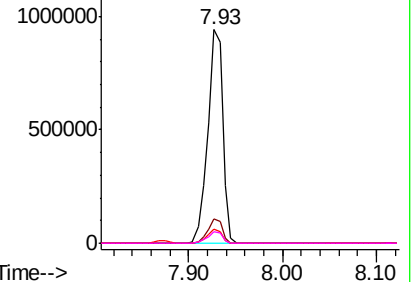
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 44.619 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF115029.D

Acq: 14 Jun 2019 10:31

Tgt Ion:105 Resp: 1062944

Ion	Ratio	Lower	Upper
105	100		
71	4.3	3.4	5.2
51	26.1	23.3	34.9
120	23.5	18.8	28.2

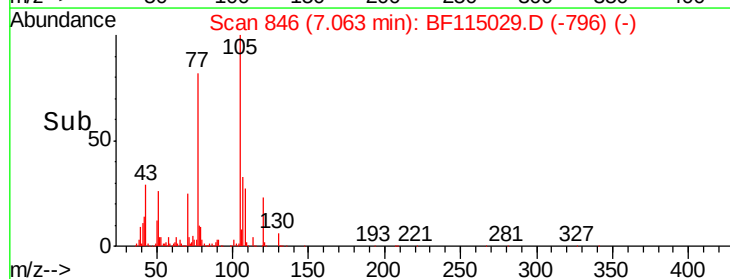
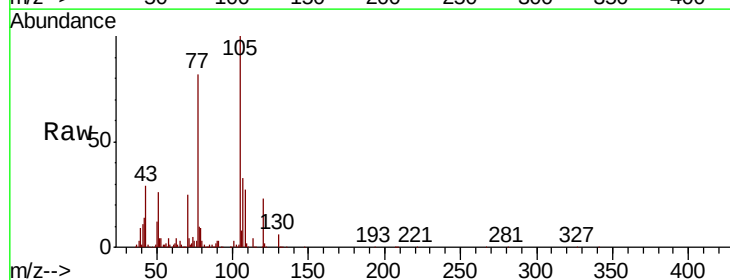
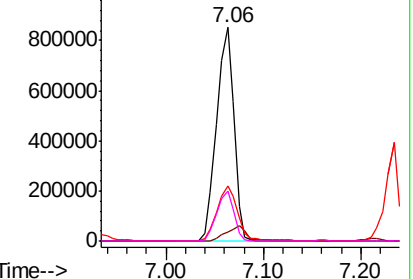
Abundance

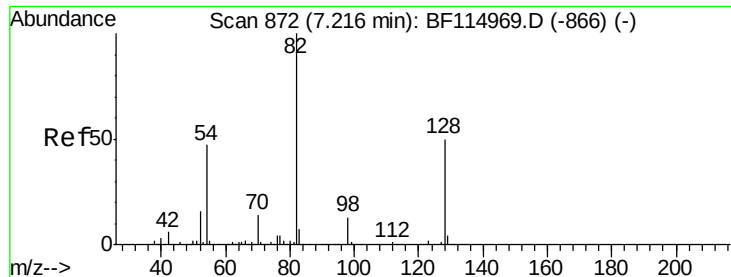
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



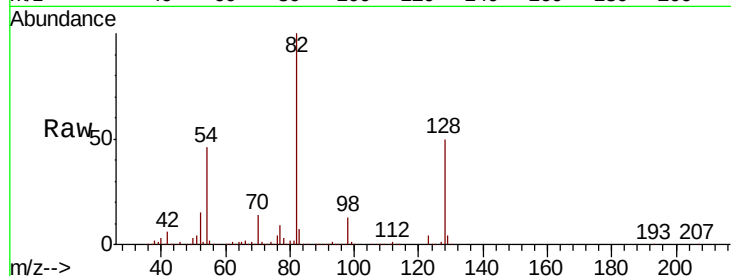


#23
 Nitrobenzene-d5
 Concen: 88.196 ng
 RT: 7.22 min Scan# 872
 Delta R.T. -0.00 min
 Lab File: BF115029.D
 Acq: 14 Jun 2019 10:31

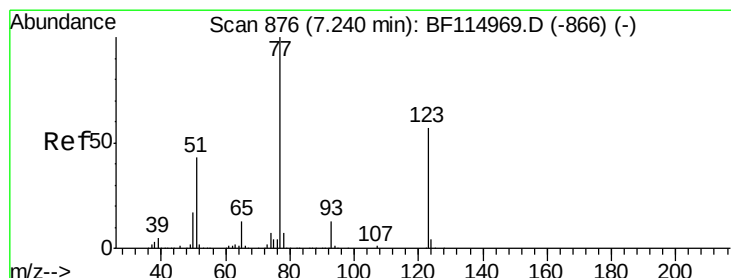
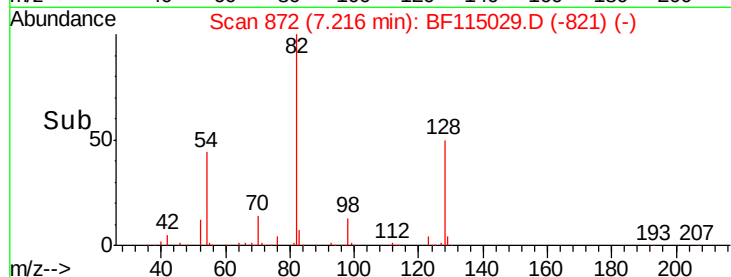
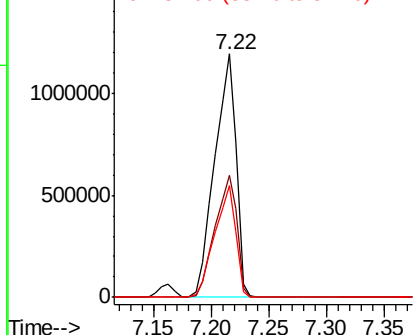
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1541988

Ion	Ratio	Lower	Upper
82	100		
128	50.4	39.9	59.9
54	45.8	37.3	55.9



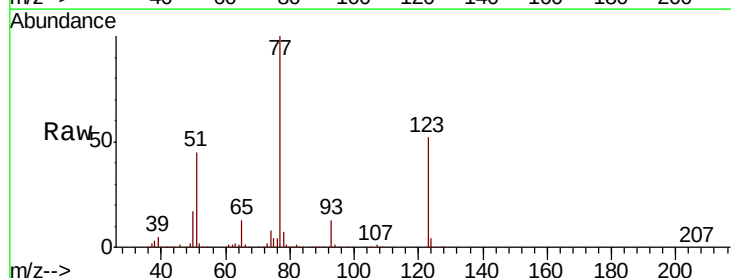
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



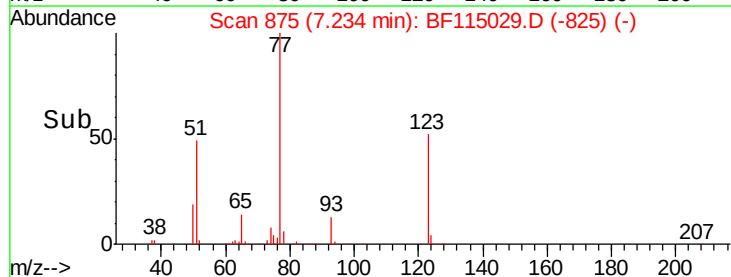
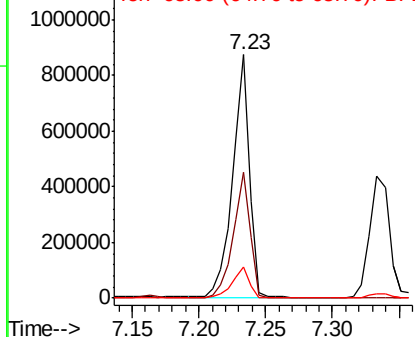
#24
 Nitrobenzene
 Concen: 43.723 ng
 RT: 7.23 min Scan# 875
 Delta R.T. -0.01 min
 Lab File: BF115029.D
 Acq: 14 Jun 2019 10:31

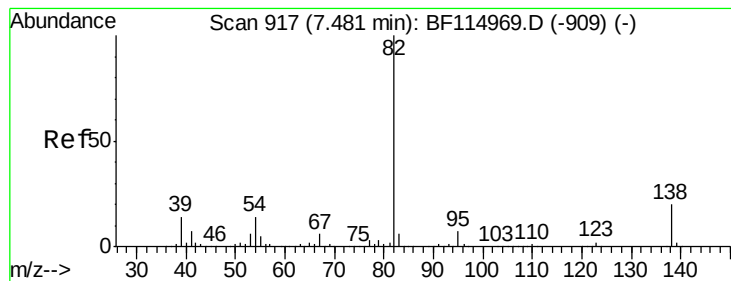
Tgt Ion: 77 Resp: 777771

Ion	Ratio	Lower	Upper
77	100		
123	51.7	45.5	68.3
65	12.8	10.3	15.5



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: 43.536 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF115029.D

Acq: 14 Jun 2019 10:31

Instrument :

BNA_F

ClientSampled :

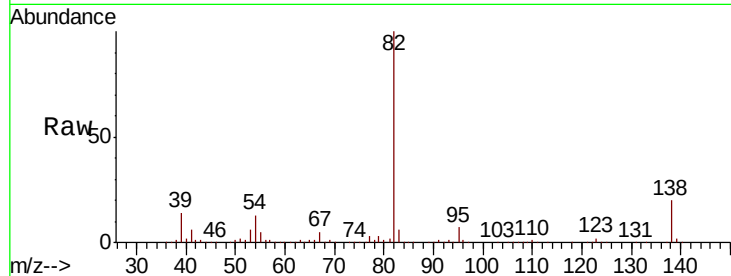
Tot Ion: 82 Resp: 1425632

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

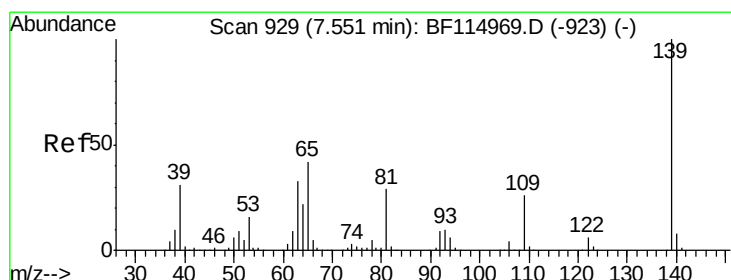
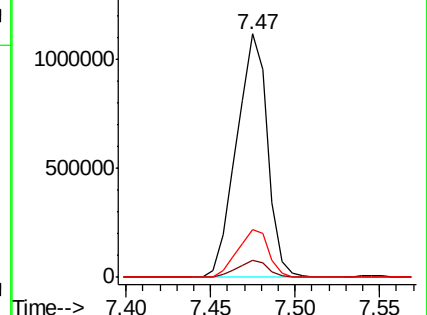
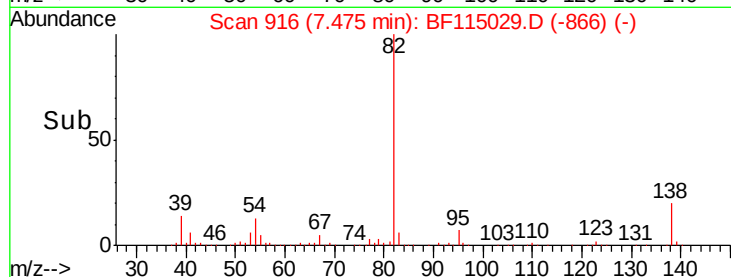
138 19.8 16.1 24.1



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 45.700 ng

RT: 7.55 min Scan# 929

Delta R.T. -0.00 min

Lab File: BF115029.D

Acq: 14 Jun 2019 10:31

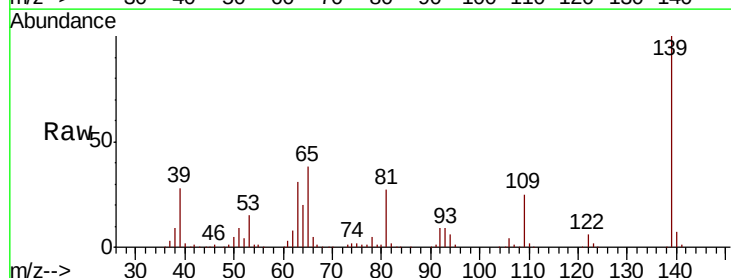
Tgt Ion: 139 Resp: 453131

Ion Ratio Lower Upper

139 100

109 25.2 20.8 31.2

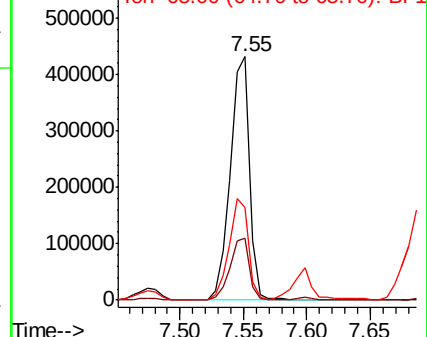
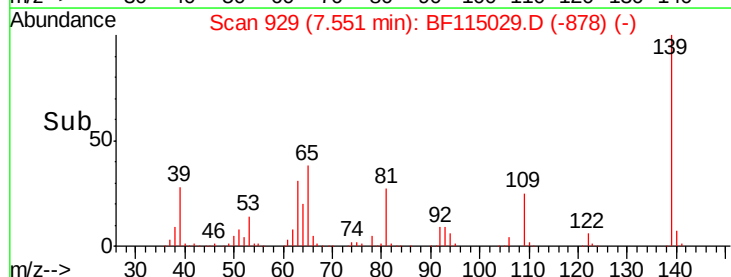
65 38.2 33.4 50.2

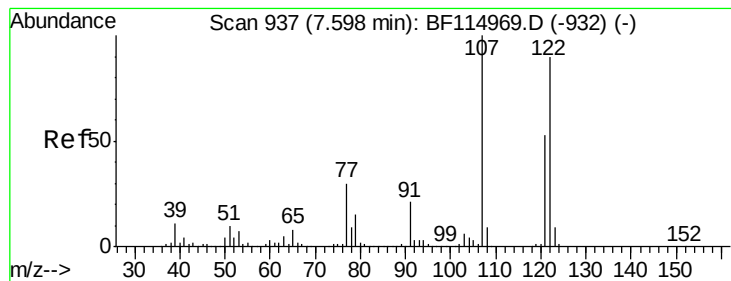


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 51.805 ng

RT: 7.60 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF115029.D

Acq: 14 Jun 2019 10:31

Instrument :

BNA_F

ClientSampled :

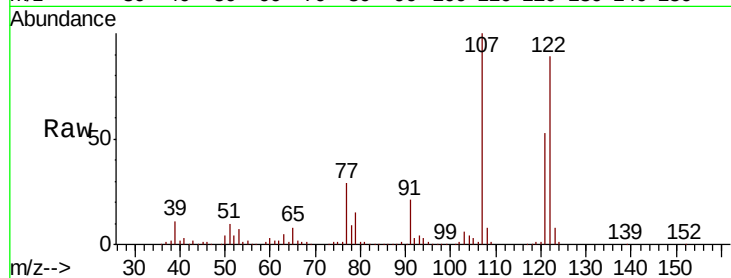
Tot Ion:122 Resp: 740995

Ion Ratio Lower Upper

122 100

107 112.7 88.8 133.2

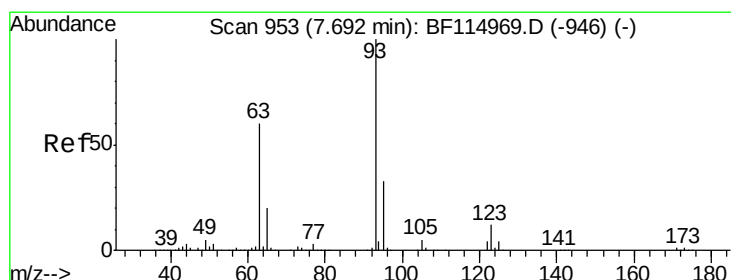
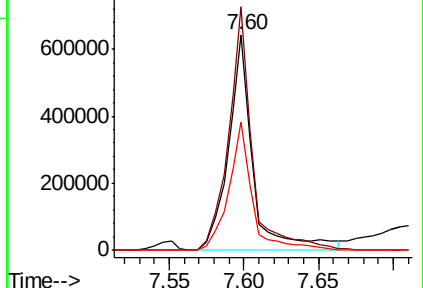
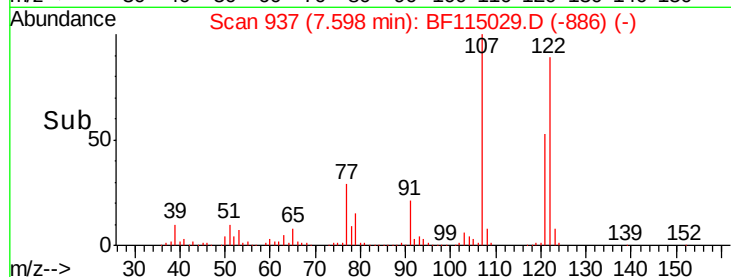
121 59.6 47.4 71.0



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: 43.019 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF115029.D

Acq: 14 Jun 2019 10:31

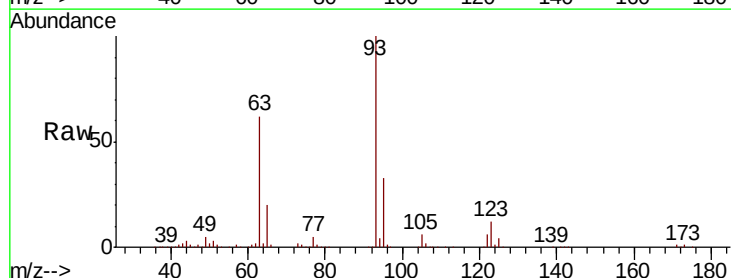
Tgt Ion: 93 Resp: 903798

Ion Ratio Lower Upper

93 100

95 32.9 26.6 40.0

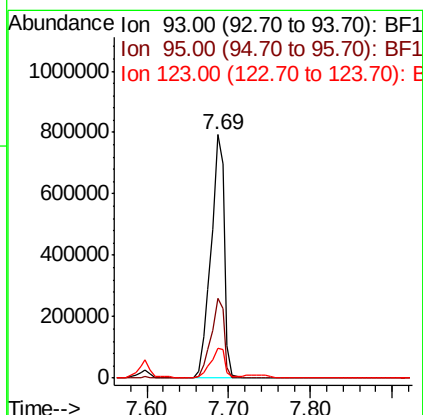
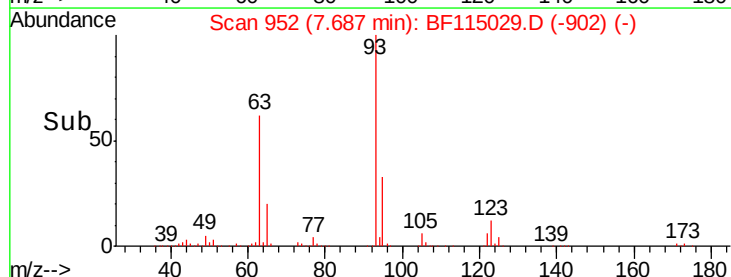
123 12.3 9.9 14.9

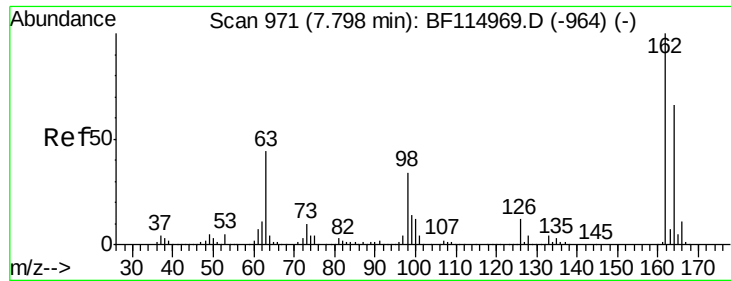


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

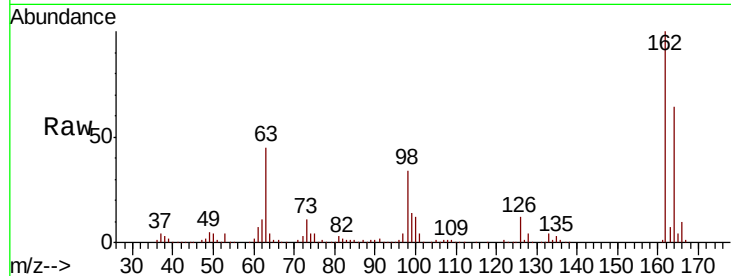




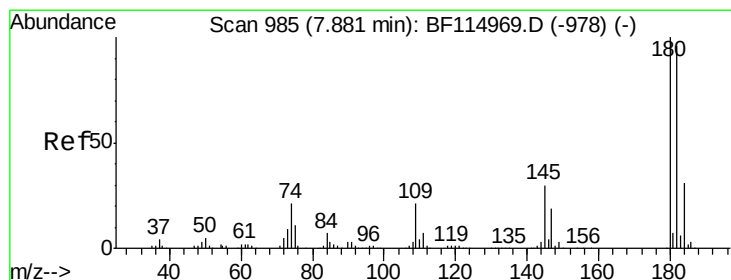
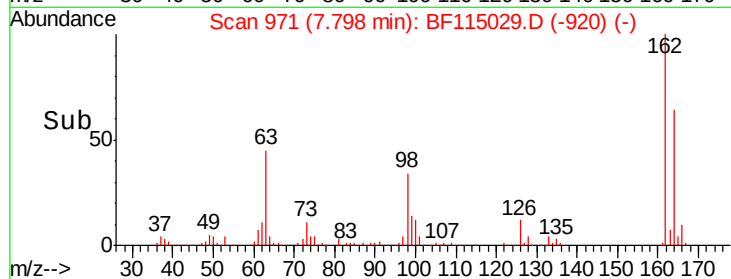
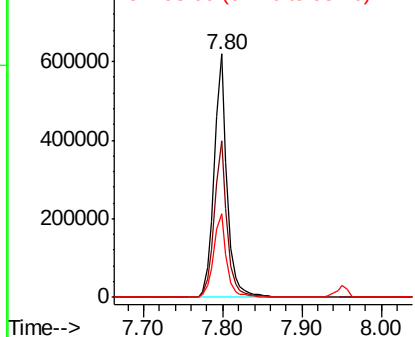
#29
2,4-Dichlorophenol
Concen: 46.092 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.00 min
Lab File: BF115029.D
Acq: 14 Jun 2019 10:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 696471
Ion Ratio Lower Upper
162 100
164 64.3 45.7 85.7
98 34.3 14.0 54.0

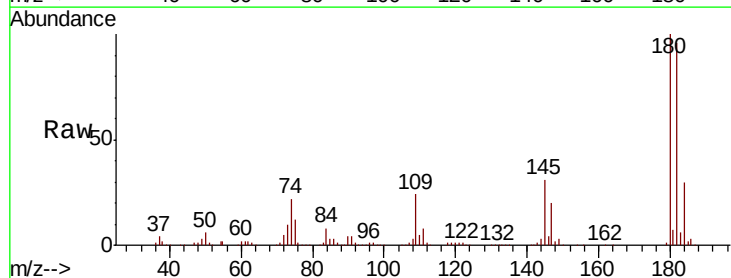


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

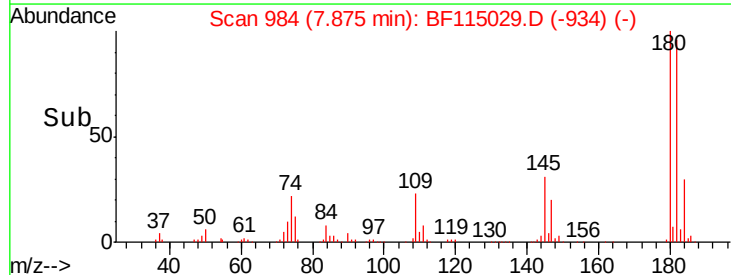
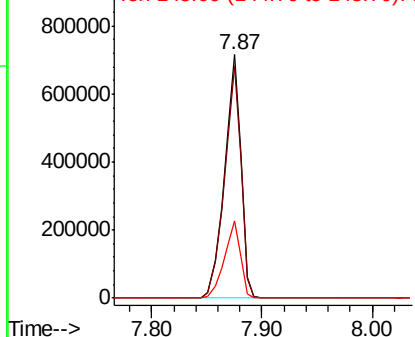


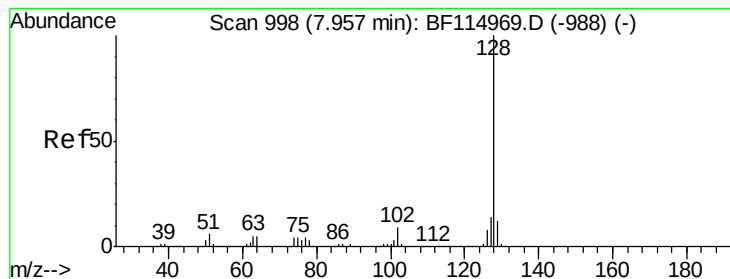
#30
1,2,4-Trichlorobenzene
Concen: 42.557 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF115029.D
Acq: 14 Jun 2019 10:31

Tgt Ion:180 Resp: 743036
Ion Ratio Lower Upper
180 100
182 95.5 76.7 115.1
145 31.5 24.1 36.1



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: 44.968 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.01 min

Lab File: BF115029.D

Acq: 14 Jun 2019 10:31

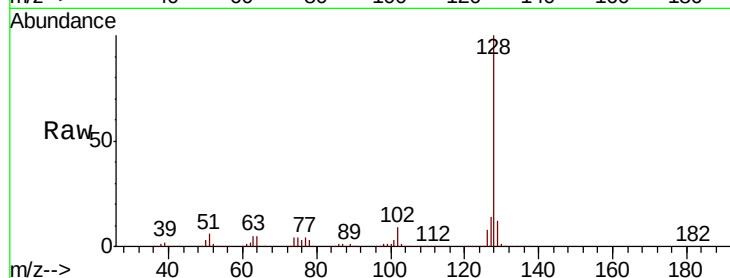
Instrument :

BNA_F

ClientSampleId :

Tot Ion:128 Resp: 2239087

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.5	14.3
127	14.1	11.5	17.3

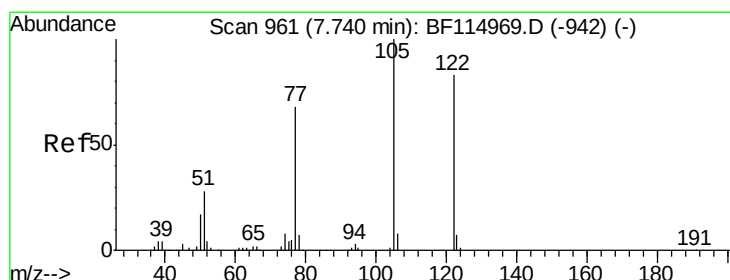
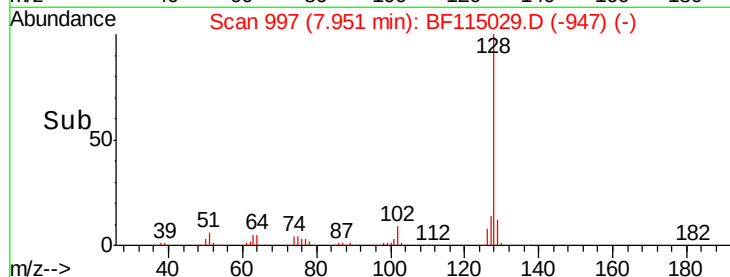
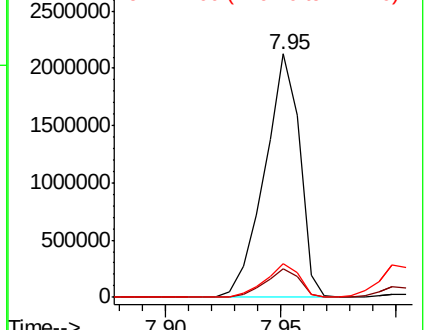


Abundance

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: 39.380 ng

RT: 7.75 min Scan# 962

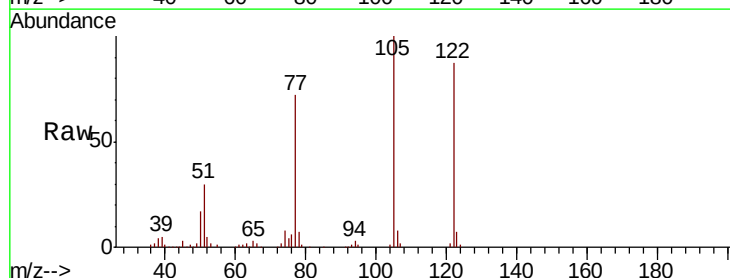
Delta R.T. 0.01 min

Lab File: BF115029.D

Acq: 14 Jun 2019 10:31

Tgt Ion:122 Resp: 407560

Ion	Ratio	Lower	Upper
122	100		
105	115.0	98.6	138.6
77	82.8	60.9	100.9

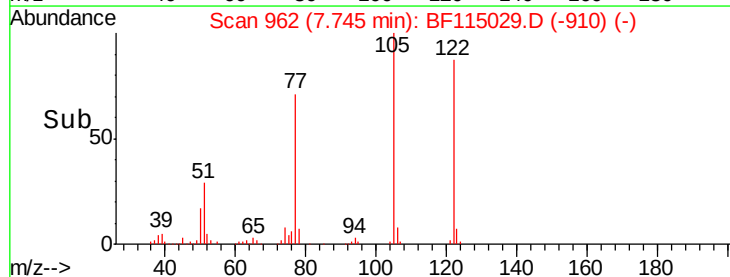
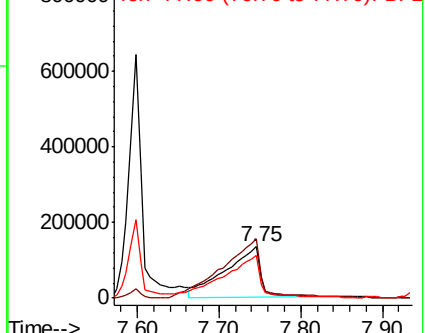


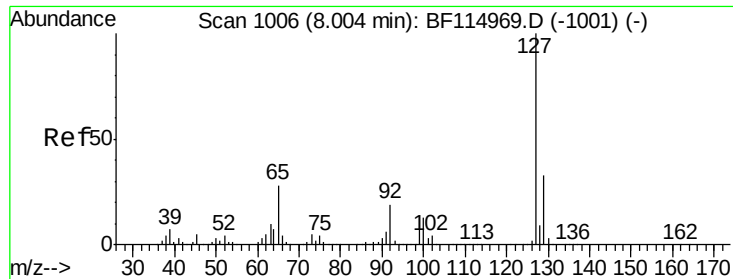
Abundance

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

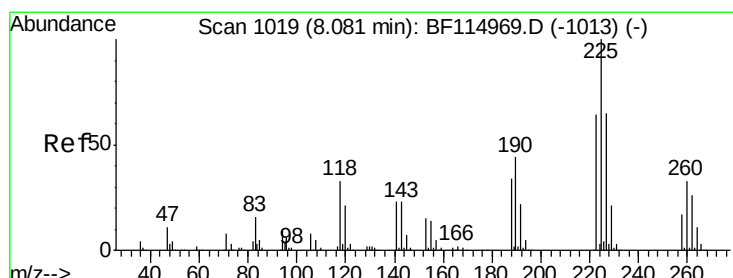
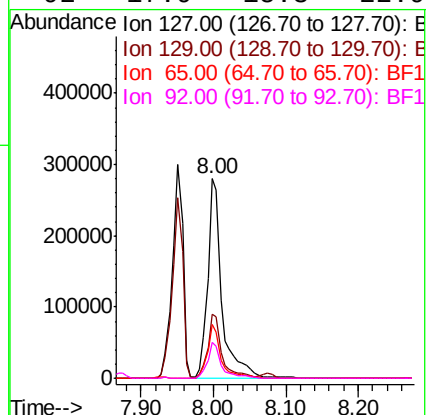
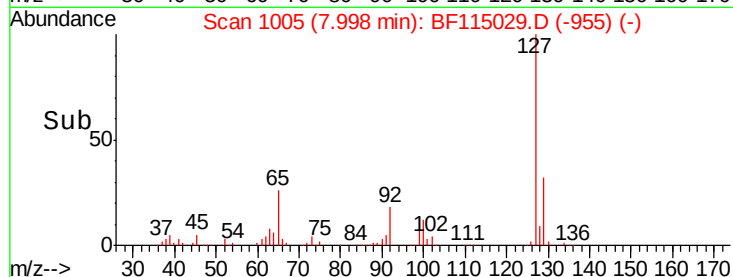
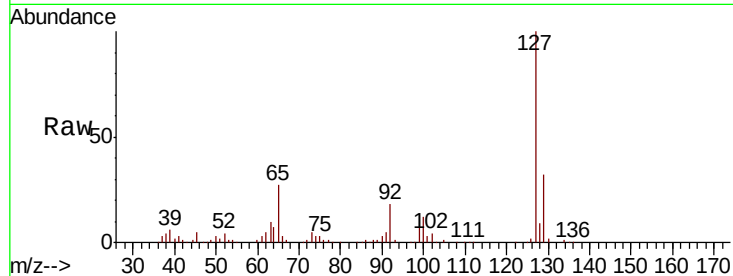




#33
4-Chloroaniline
Concen: 16.847 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF115029.D
Acq: 14 Jun 2019 10:31

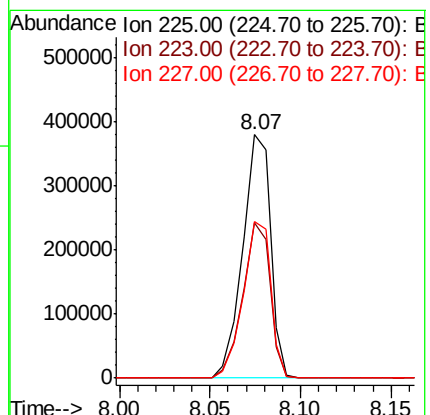
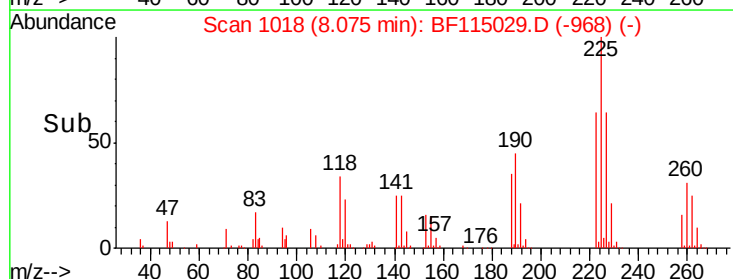
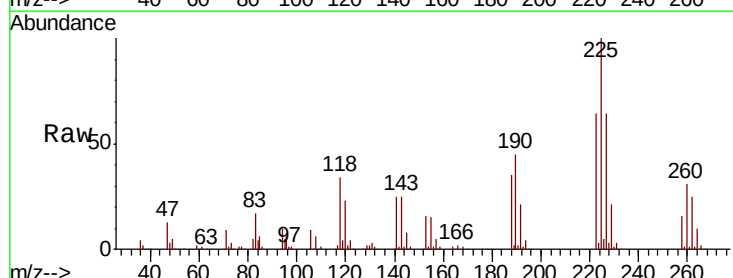
Instrument :
BNA_F
ClientSampleId :

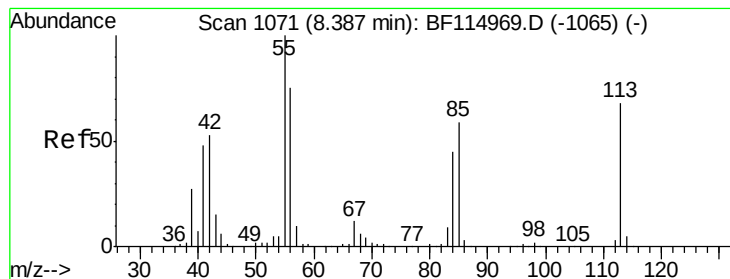
Tot Ion:	127	Resp:	387208
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.1	39.1
65	27.1	22.3	33.5
92	17.9	15.3	22.9



#34
Hexachlorobutadiene
Concen: 41.770 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF115029.D
Acq: 14 Jun 2019 10:31

Tgt Ion:	225	Resp:	405374
Ion	Ratio	Lower	Upper
225	100		
223	63.8	51.0	76.6
227	64.3	51.7	77.5





#35

Caprolactam

Concen: 26.108 ng

RT: 8.38 min Scan# 1070

Delta R.T. -0.01 min

Lab File: BF115029.D

Acq: 14 Jun 2019 10:31

Instrument :

BNA_F

ClientSampleId :

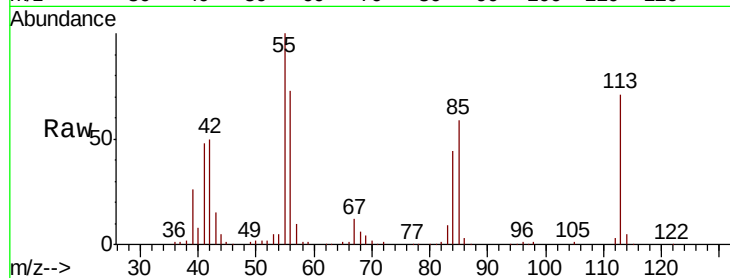
Tot Ion:113 Resp: 131393

Ion Ratio Lower Upper

113 100

55 141.2 127.3 167.3

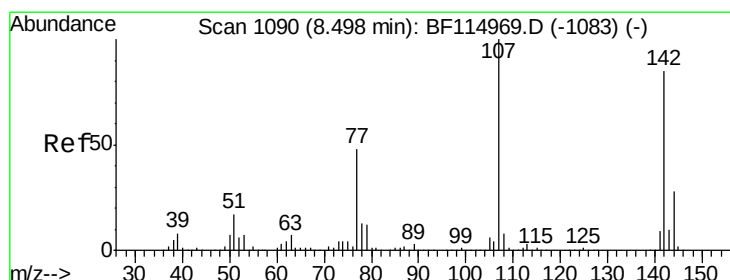
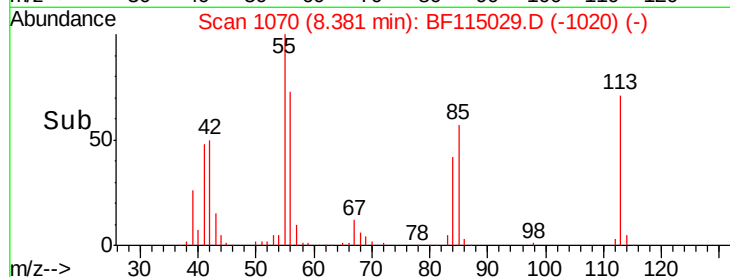
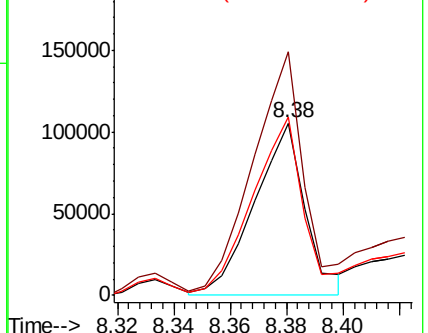
56 103.4 90.6 130.6



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: 47.383 ng

RT: 8.50 min Scan# 1090

Delta R.T. -0.00 min

Lab File: BF115029.D

Acq: 14 Jun 2019 10:31

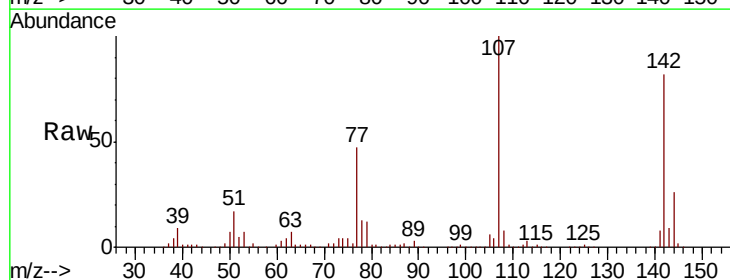
Tgt Ion:107 Resp: 721538

Ion Ratio Lower Upper

107 100

144 26.3 22.0 33.0

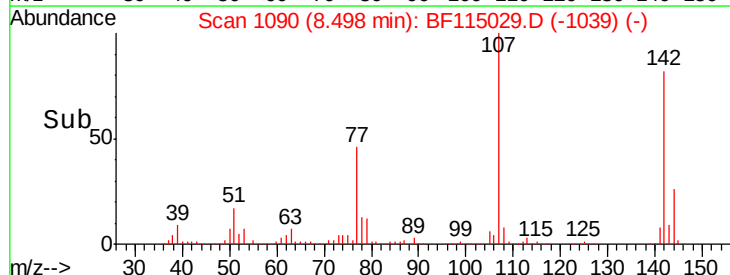
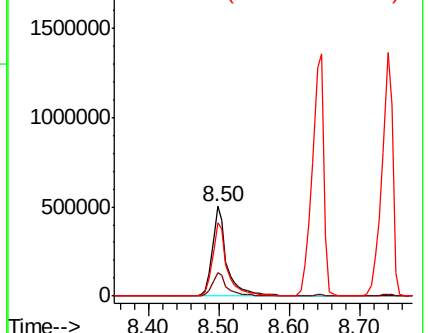
142 81.9 68.2 102.4

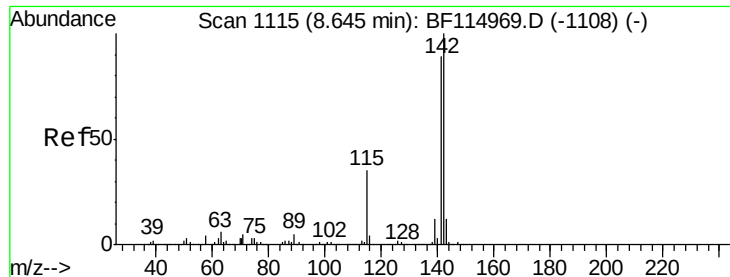


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

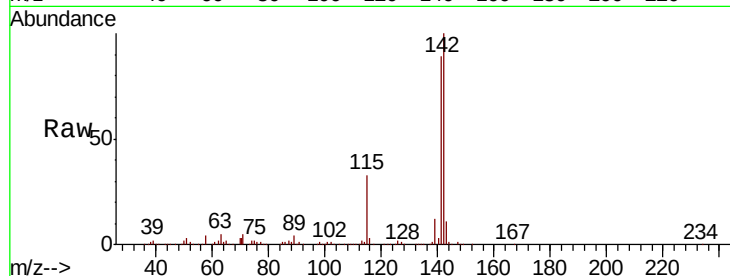




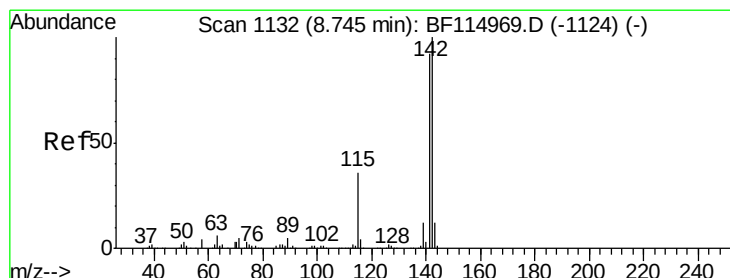
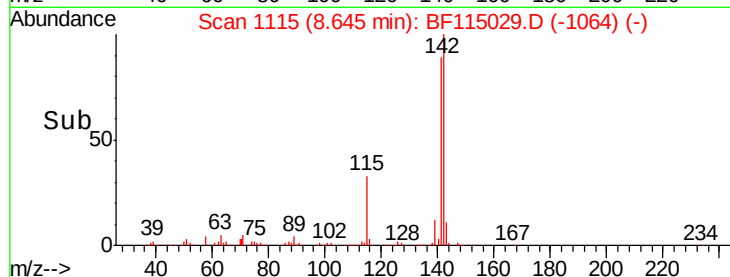
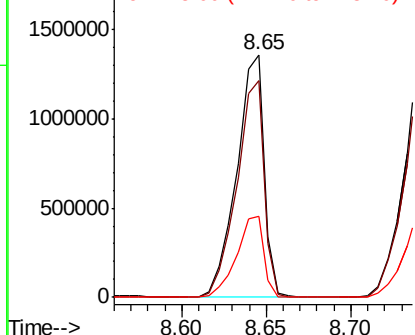
#37
2-Methylnaphthalene
Concen: 46.306 ng
RT: 8.65 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BF115029.D
Acq: 14 Jun 2019 10:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1537824
Ion Ratio Lower Upper
142 100
141 89.2 71.0 106.6
115 33.2 27.9 41.9

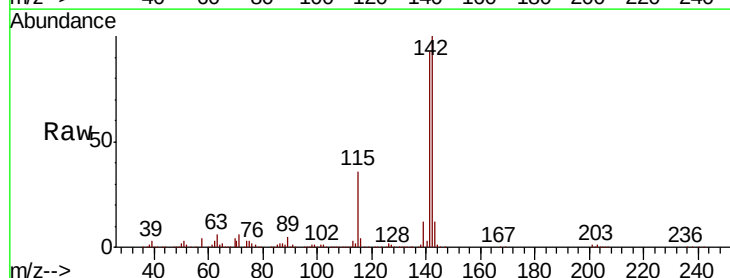


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

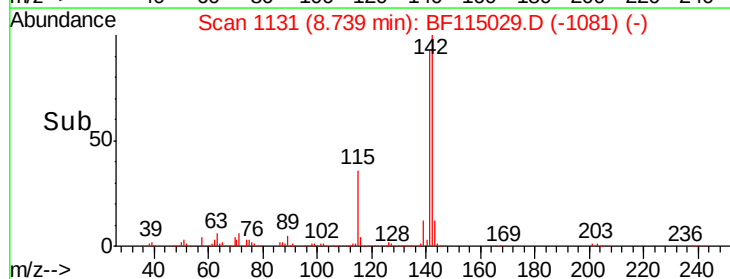
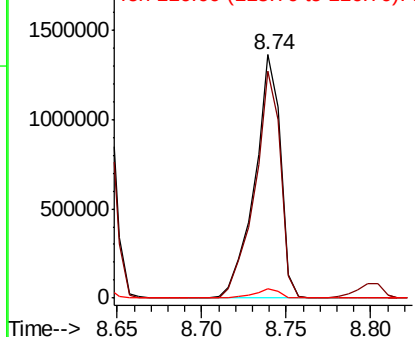


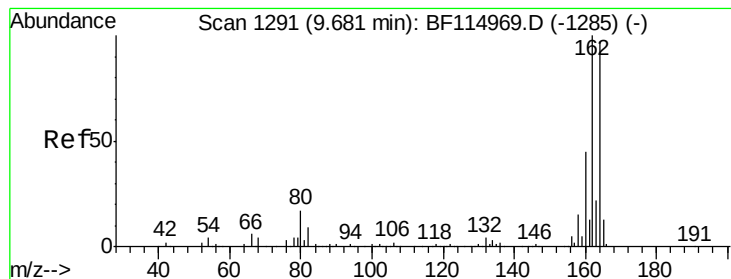
#38
1-Methylnaphthalene
Concen: 45.942 ng
RT: 8.74 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BF115029.D
Acq: 14 Jun 2019 10:31

Tgt Ion:142 Resp: 1442049
Ion Ratio Lower Upper
142 100
141 93.3 73.8 110.8
116 4.0 2.9 4.3



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: 9.68 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BF115029.D

Acq: 14 Jun 2019 10:31

Instrument :

BNA_F

ClientSampleId :

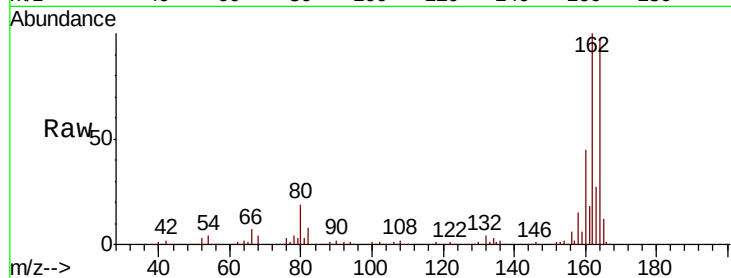
Tot Ion:164 Resp: 511181

Ion Ratio Lower Upper

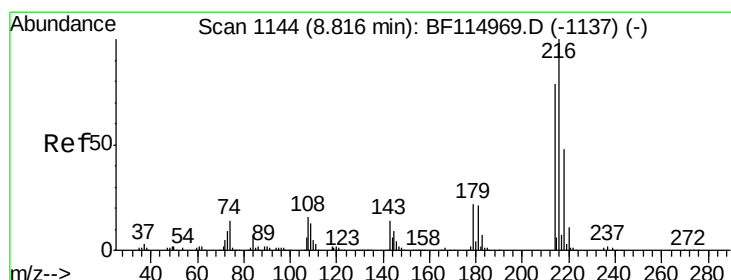
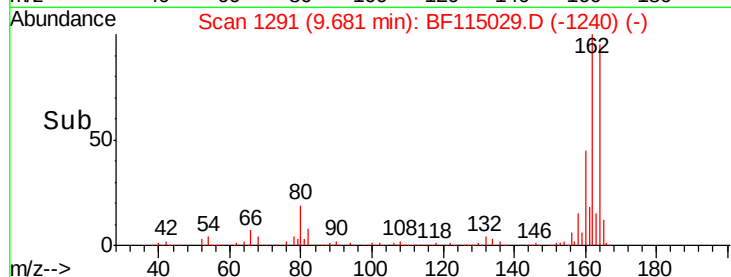
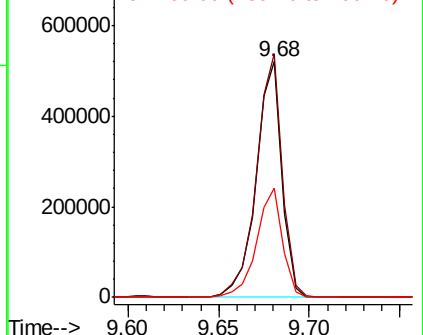
164 100

162 103.4 82.6 124.0

160 46.4 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.284 ng

RT: 8.81 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF115029.D

Acq: 14 Jun 2019 10:31

Tgt Ion:216 Resp: 653685

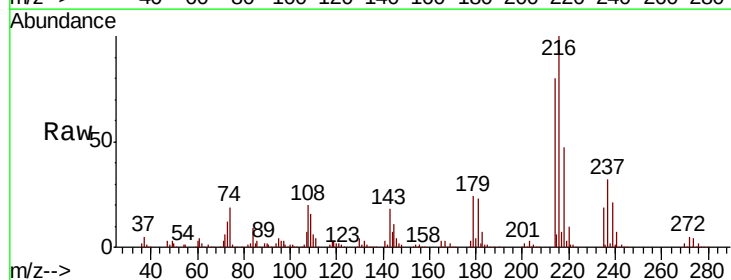
Ion Ratio Lower Upper

216 100

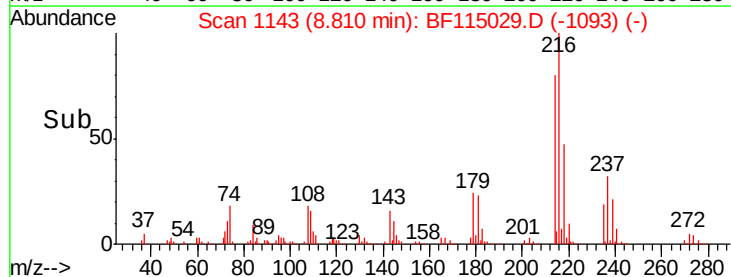
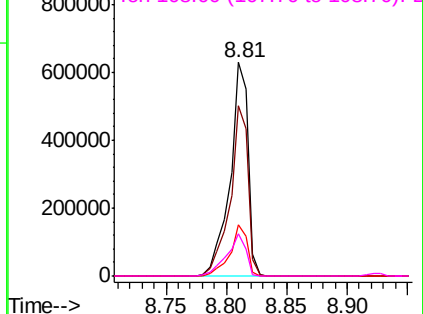
214 79.0 63.7 95.5

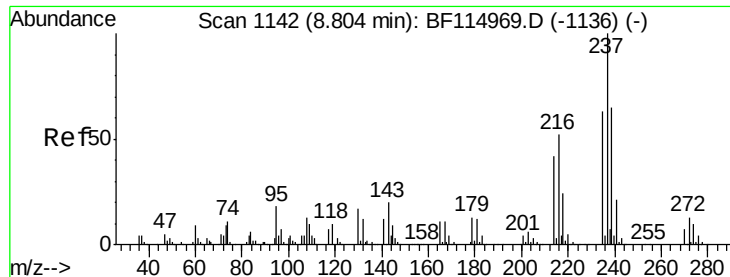
179 22.6 18.2 27.4

108 20.9 15.0 22.6



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: 93.559 ng

RT: 8.80 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BF115029.D

Acq: 14 Jun 2019 10:31

Instrument :

BNA_F

ClientSampled :

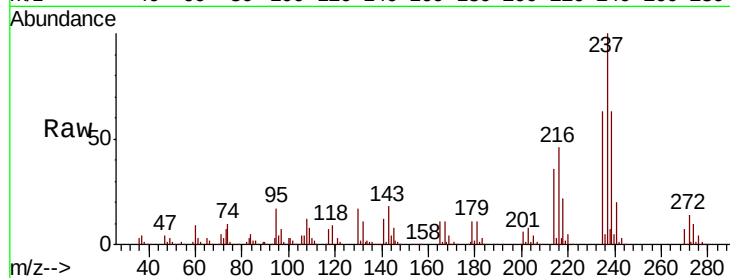
Tot Ion:237 Resp: 696239

Ion Ratio Lower Upper

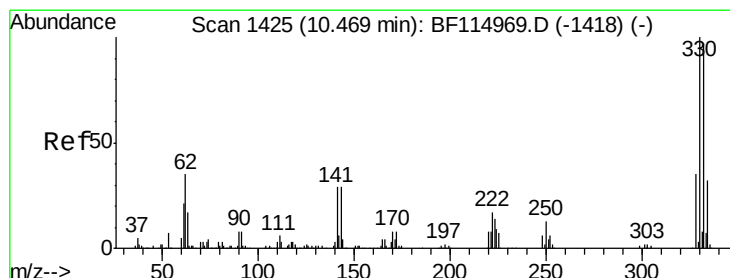
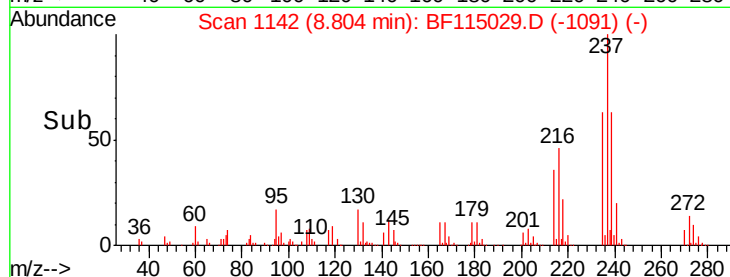
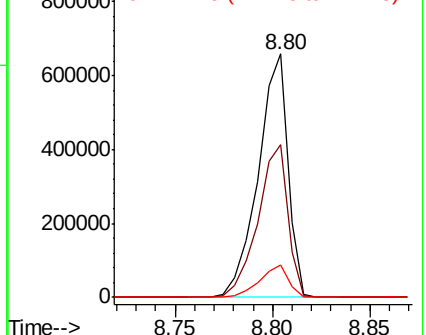
237 100

235 62.5 42.7 82.7

272 13.5 0.0 32.7



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: 132.000 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.00 min

Lab File: BF115029.D

Acq: 14 Jun 2019 10:31

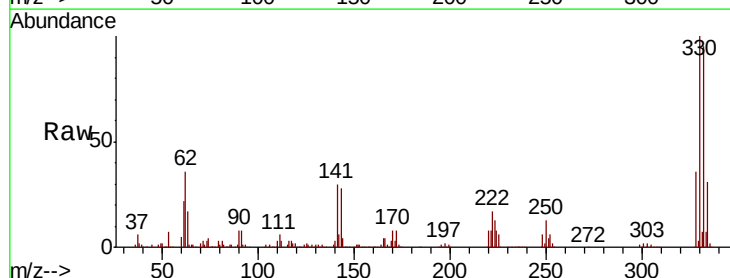
Tgt Ion:330 Resp: 722573

Ion Ratio Lower Upper

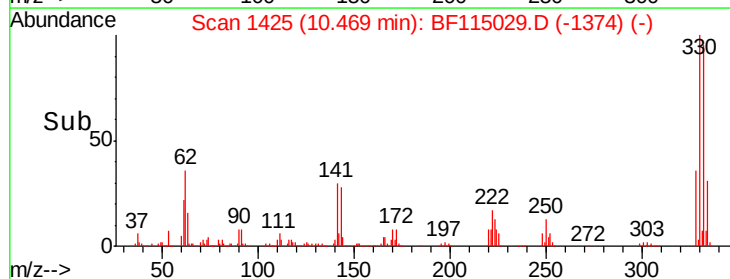
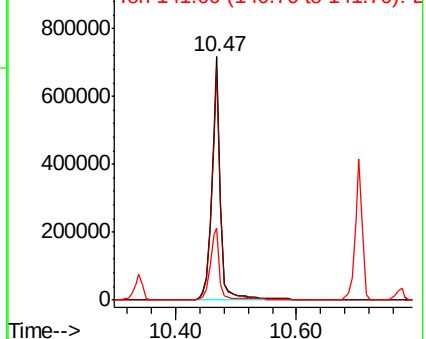
330 100

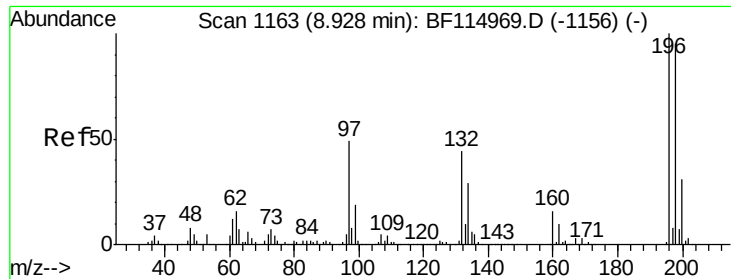
332 95.4 77.6 116.4

141 31.8 27.2 40.8



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

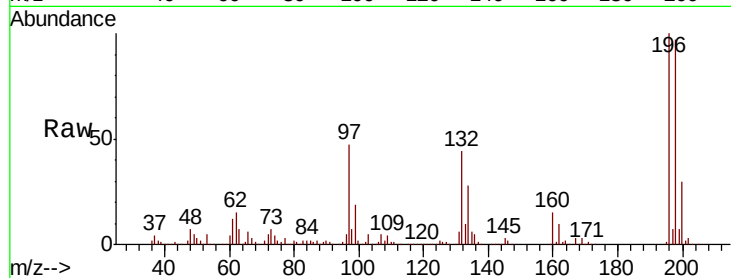




#43
 2,4,6-Trichlorophenol
 Concen: 41.994 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BF115029.D
 Acq: 14 Jun 2019 10:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	196	Resp	473685
Ion	Ratio	Lower	Upper
196	100		
198	96.6	75.8	113.8
200	30.5	24.9	37.3

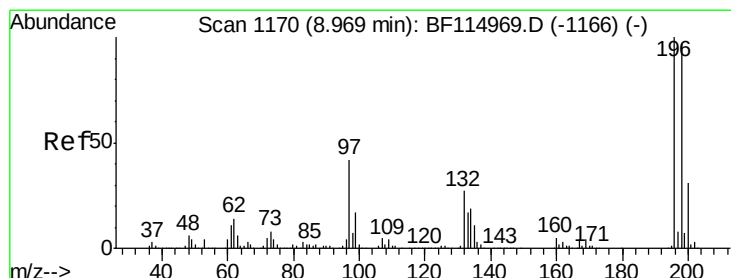
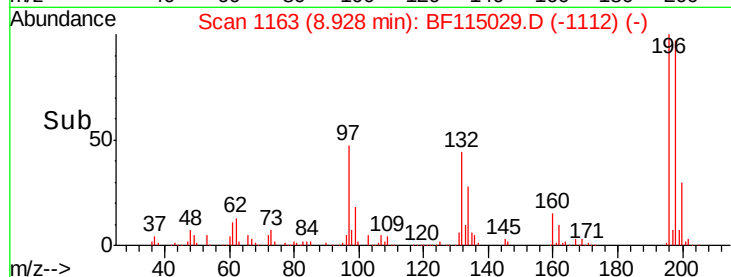
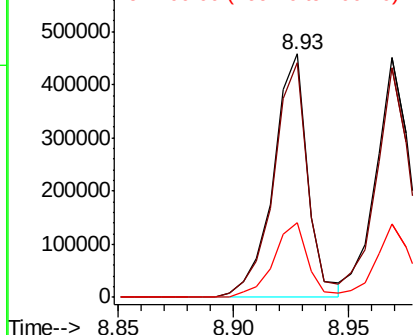


Abundance

Ion 196.00 (195.70 to 196.70): E

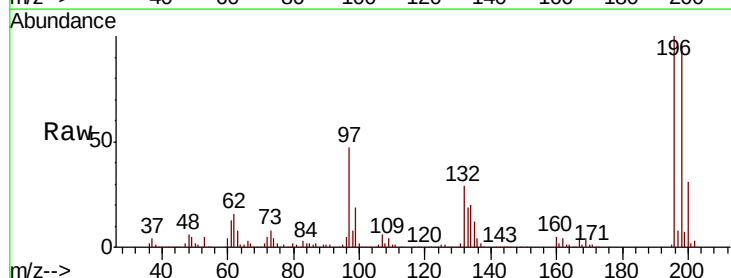
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 46.124 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF115029.D
 Acq: 14 Jun 2019 10:31

Tgt Ion	196	Resp	525790
Ion	Ratio	Lower	Upper
196	100		
198	95.5	77.3	115.9
97	46.9	34.2	51.4
132	29.2	22.1	33.1



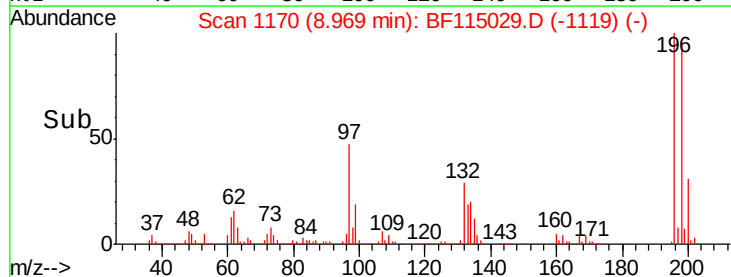
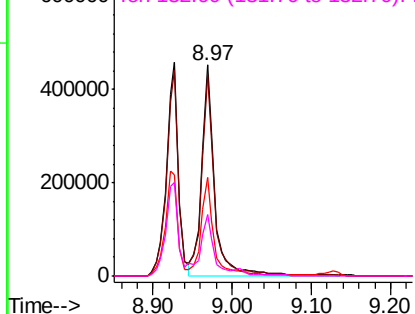
Abundance

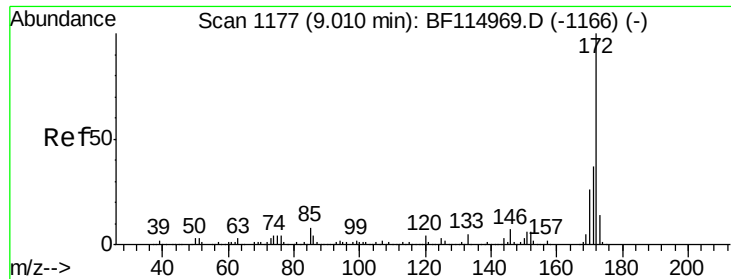
Ion 196.00 (195.70 to 196.70): E

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

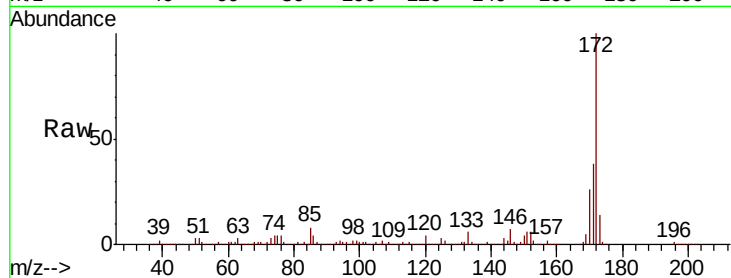




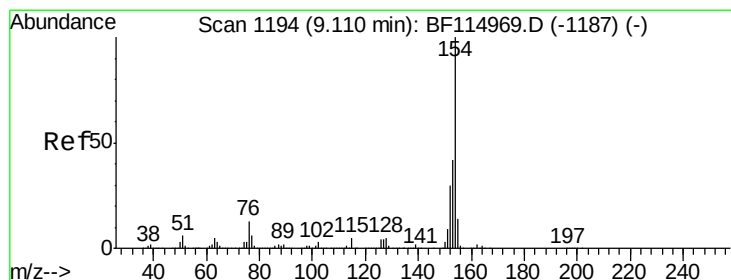
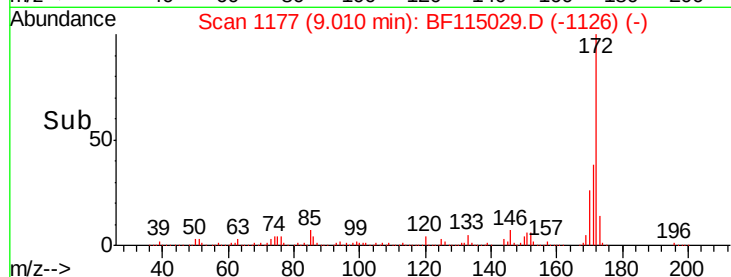
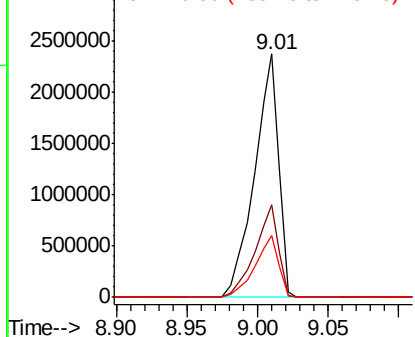
#45
2-Fluorobiphenyl
Concen: 94.601 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BF115029.D
Acq: 14 Jun 2019 10:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2853279
Ion Ratio Lower Upper
172 100
171 37.9 29.8 44.6
170 25.6 20.6 31.0

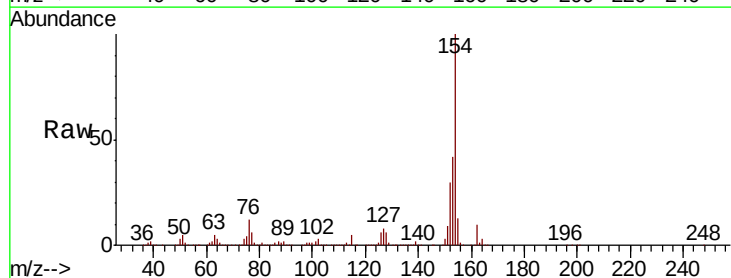


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

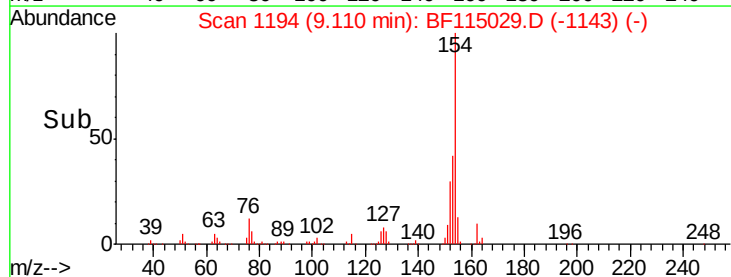
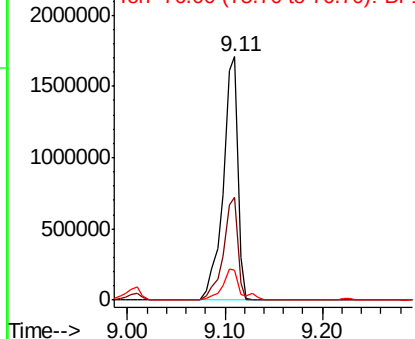


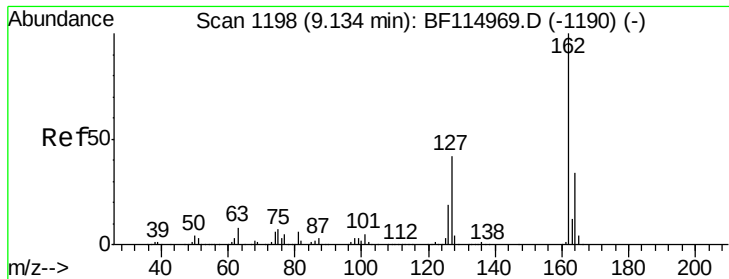
#46
1,1'-Biphenyl
Concen: 43.469 ng
RT: 9.11 min Scan# 1194
Delta R.T. -0.00 min
Lab File: BF115029.D
Acq: 14 Jun 2019 10:31

Tgt Ion:154 Resp: 1780631
Ion Ratio Lower Upper
154 100
153 42.1 22.4 62.4
76 12.1 0.0 33.3



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

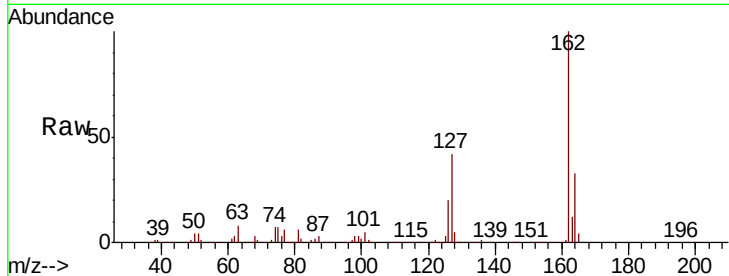




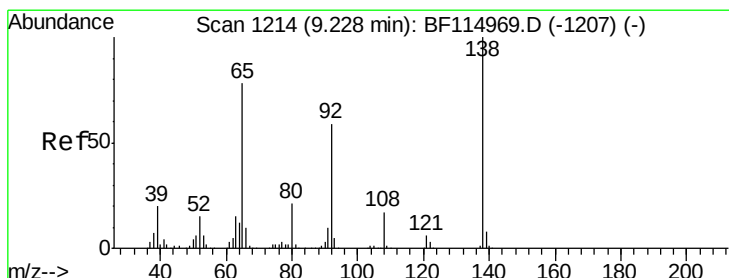
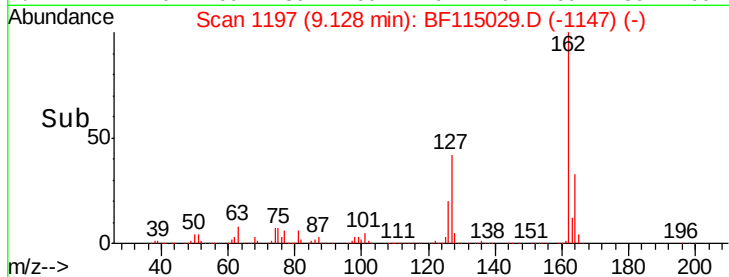
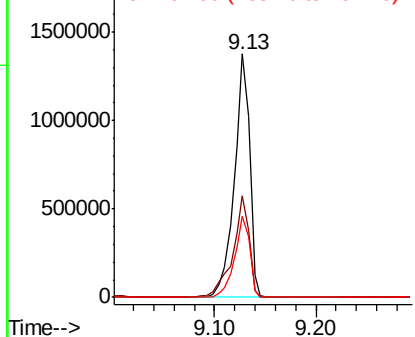
#47
 2-Chloronaphthalene
 Concen: 43.468 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF115029.D
 Acq: 14 Jun 2019 10:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1439879
 Ion Ratio Lower Upper
 162 100
 127 41.6 33.4 50.2
 164 33.4 27.2 40.8

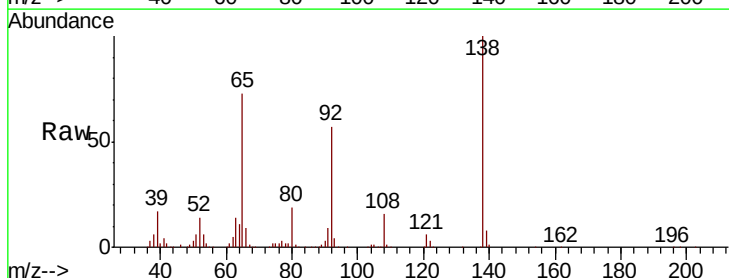


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

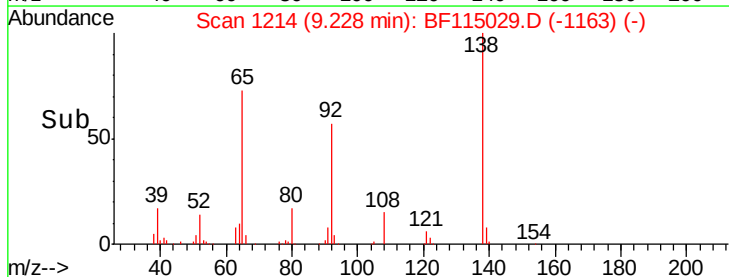
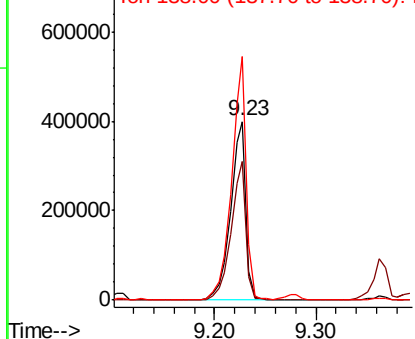


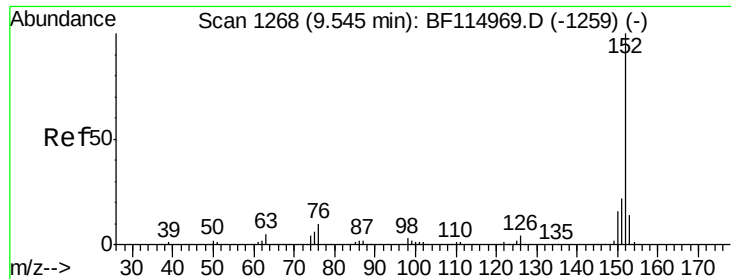
#48
 2-Nitroaniline
 Concen: 42.317 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.00 min
 Lab File: BF115029.D
 Acq: 14 Jun 2019 10:31

Tgt Ion: 65 Resp: 414319
 Ion Ratio Lower Upper
 65 100
 92 77.5 60.5 90.7
 138 136.2 102.0 153.0



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





#49

Acenaphthylene

Concen: 43.761 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF115029.D

Acq: 14 Jun 2019 10:31

Instrument :

BNA_F

ClientSampled :

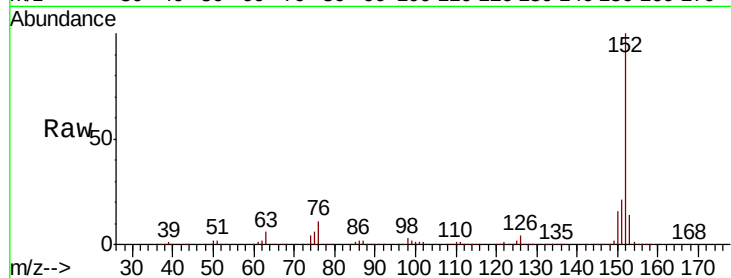
Tot Ion:152 Resp: 2228740

Ion Ratio Lower Upper

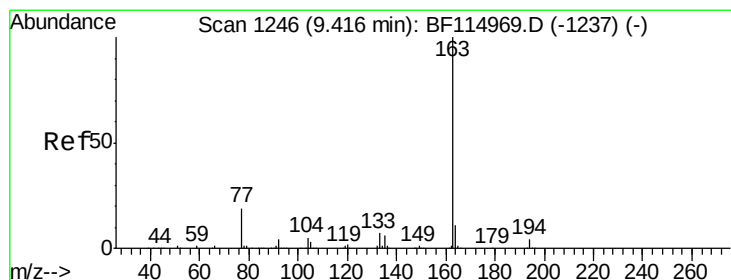
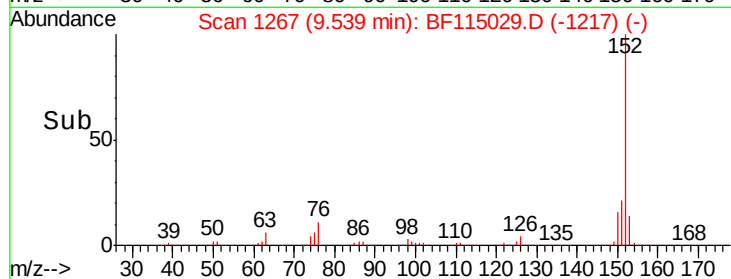
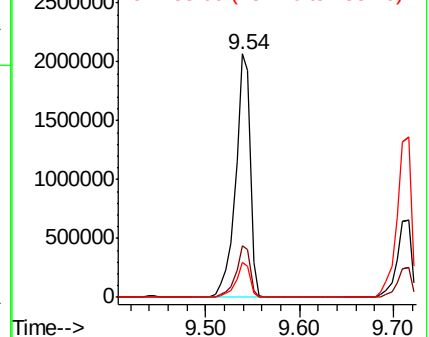
152 100

151 21.4 17.5 26.3

153 14.4 11.2 16.8



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: 43.331 ng

RT: 9.42 min Scan# 1246

Delta R.T. -0.00 min

Lab File: BF115029.D

Acq: 14 Jun 2019 10:31

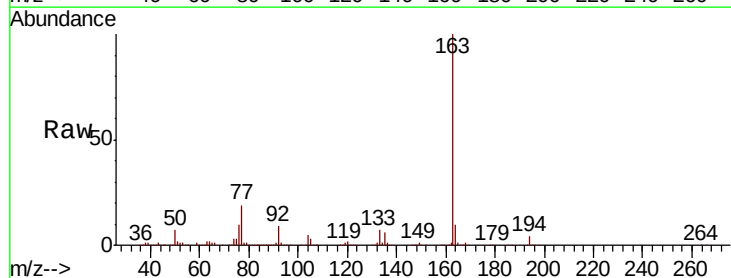
Tgt Ion:163 Resp: 1665787

Ion Ratio Lower Upper

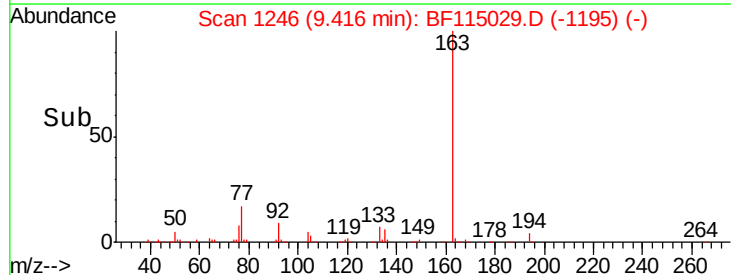
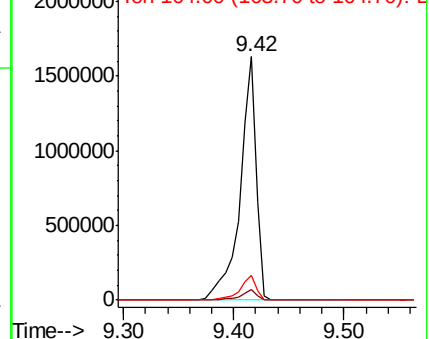
163 100

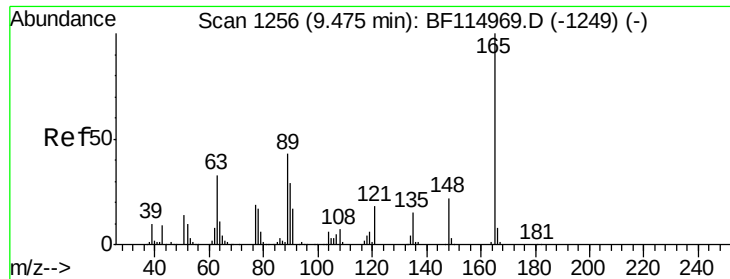
194 4.1 3.3 4.9

164 10.3 8.6 12.8



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

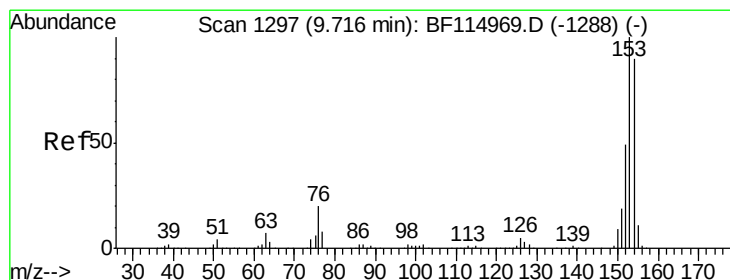
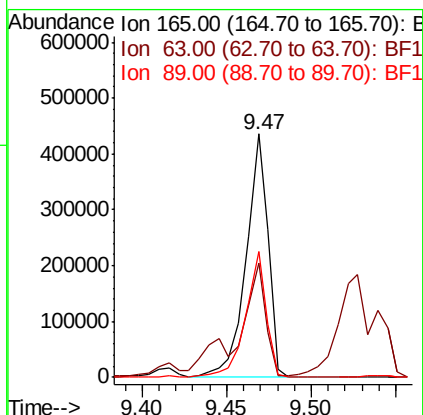
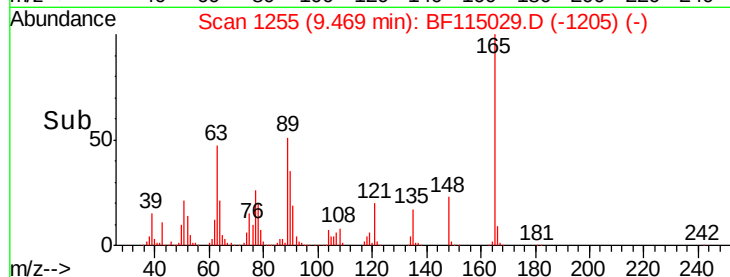
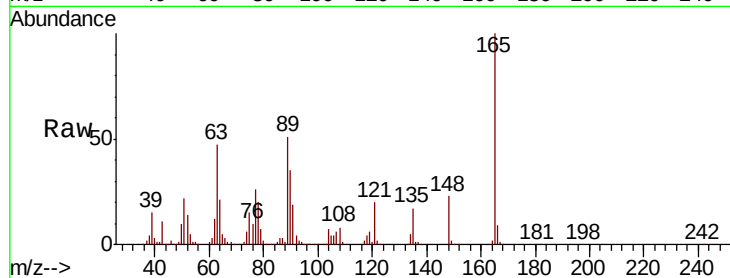




#51
 2,6-Dinitrotoluene
 Concen: 45.706 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF115029.D
 Acq: 14 Jun 2019 10:31

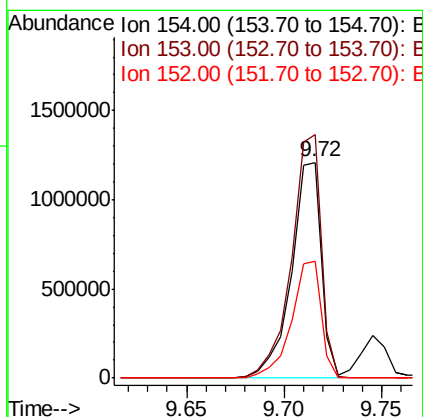
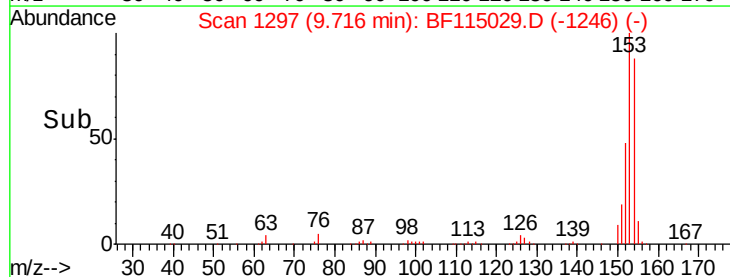
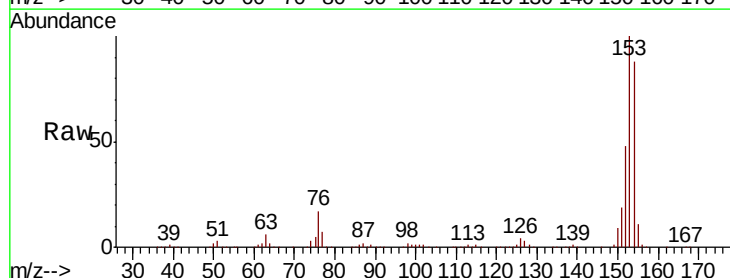
Instrument :
 BNA_F
 ClientSampled :

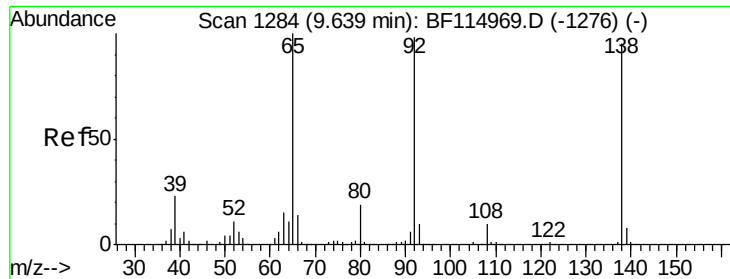
Tot Ion:165 Resp: 398568
 Ion Ratio Lower Upper
 165 100
 63 47.0 30.6 46.0#
 89 51.4 34.4 51.6



#52
 Acenaphthene
 Concen: 44.092 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.00 min
 Lab File: BF115029.D
 Acq: 14 Jun 2019 10:31

Tgt Ion:154 Resp: 1284760
 Ion Ratio Lower Upper
 154 100
 153 113.0 88.5 132.7
 152 54.1 43.6 65.4

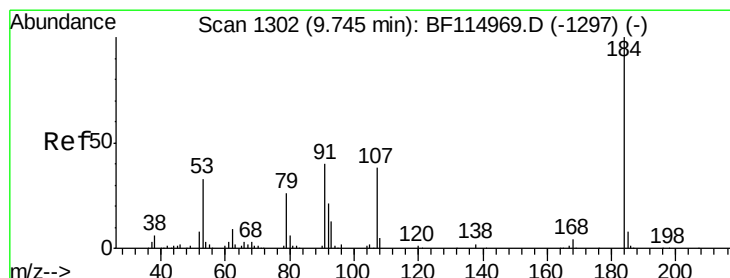
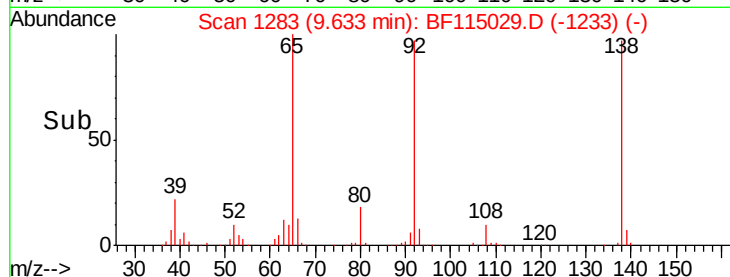
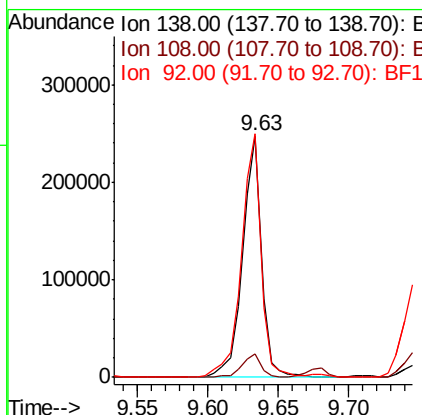
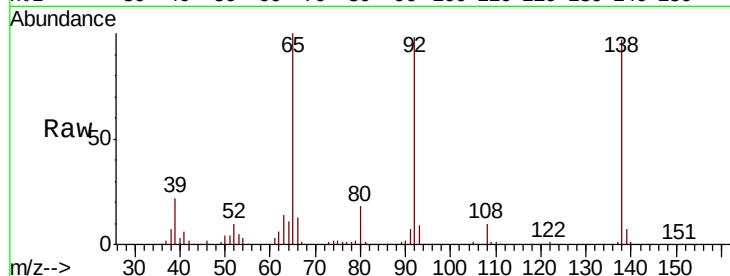




#53
3-Nitroaniline
Concen: 21.778 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF115029.D
Acq: 14 Jun 2019 10:31

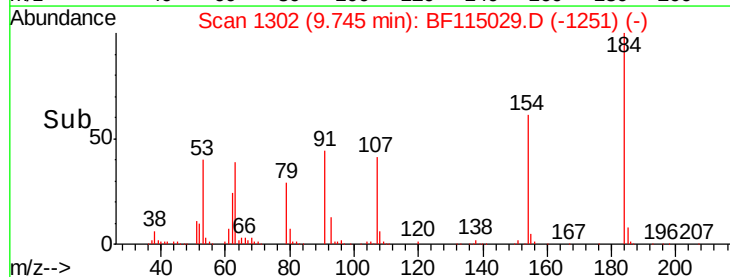
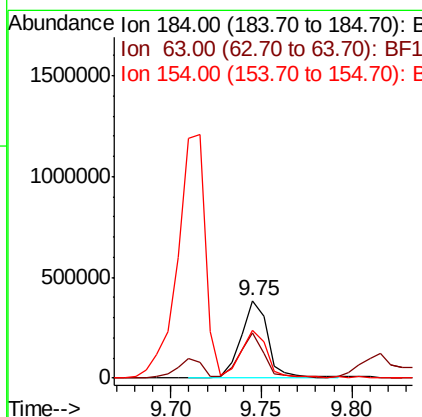
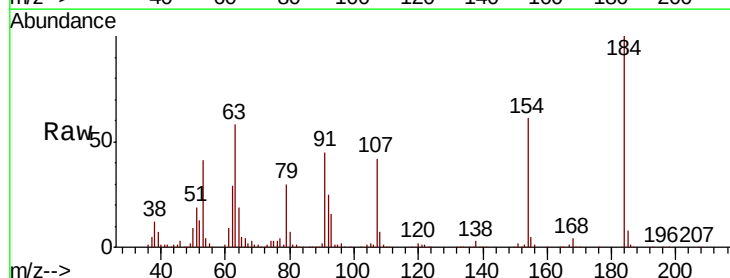
Instrument :
BNA_F
ClientSampleId :

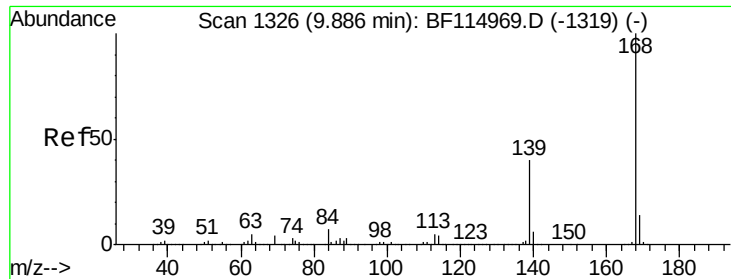
Tot Ion:138 Resp: 232677
Ion Ratio Lower Upper
138 100
108 9.9 8.0 12.0
92 100.8 82.4 123.6



#54
2,4-Dinitrophenol
Concen: 94.386 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BF115029.D
Acq: 14 Jun 2019 10:31

Tgt Ion:184 Resp: 399229
Ion Ratio Lower Upper
184 100
63 57.7 40.5 60.7
154 61.4 44.8 67.2

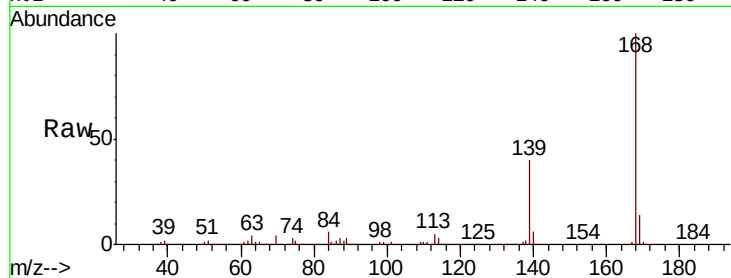




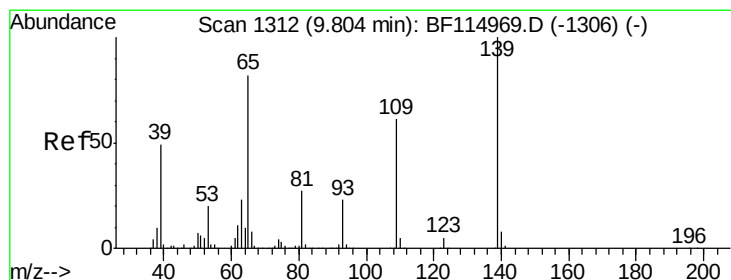
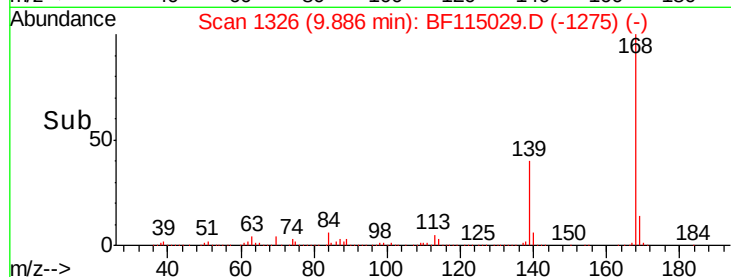
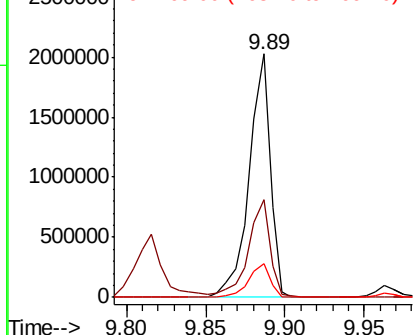
#55
Dibenzofuran
Concen: 42.797 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF115029.D
Acq: 14 Jun 2019 10:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1879443
Ion Ratio Lower Upper
168 100
139 40.3 32.5 48.7
169 13.9 11.5 17.3

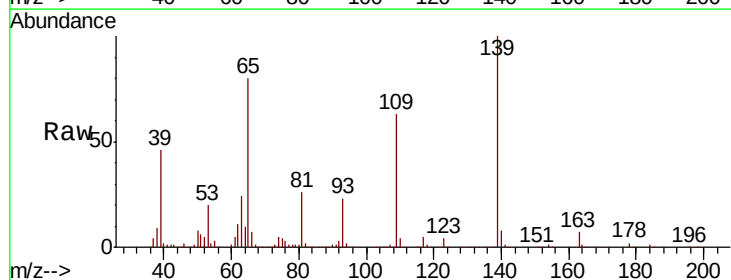


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

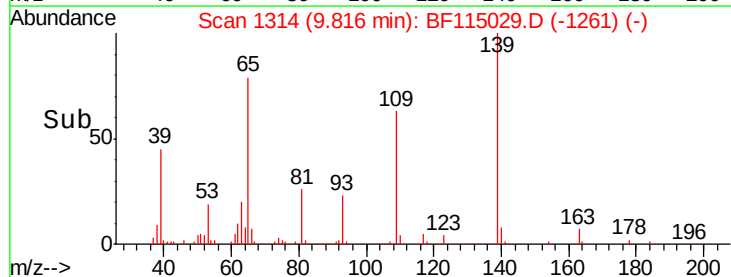
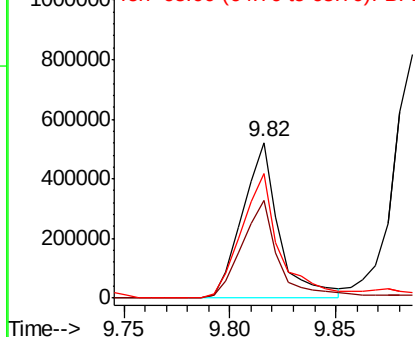


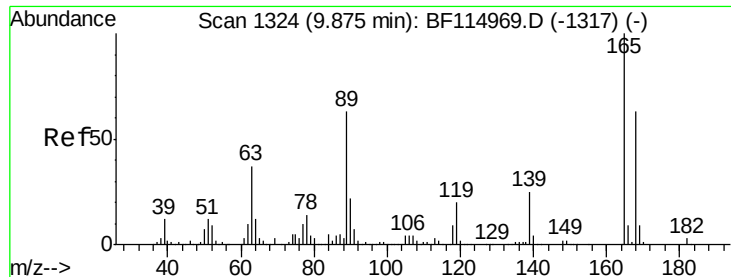
#56
4-Nitrophenol
Concen: 85.421 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF115029.D
Acq: 14 Jun 2019 10:31

Tgt Ion:139 Resp: 629364
Ion Ratio Lower Upper
139 100
109 62.9 41.4 81.4
65 79.6 62.7 102.7



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

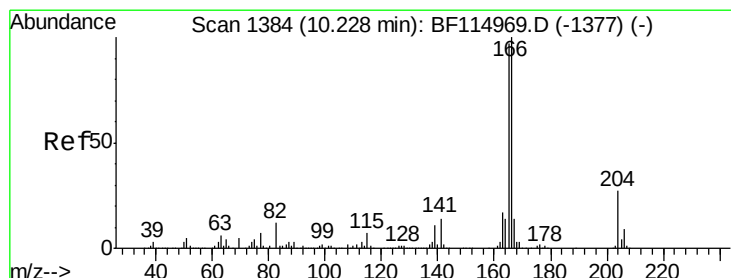
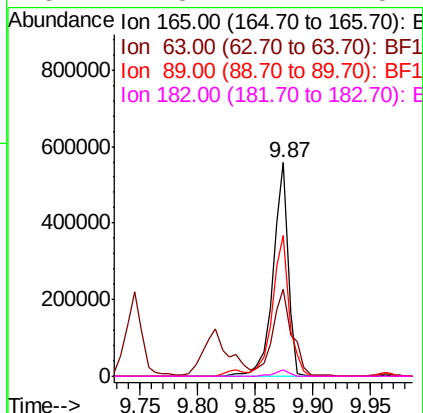
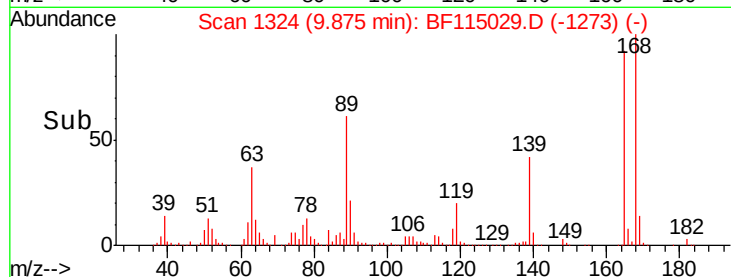
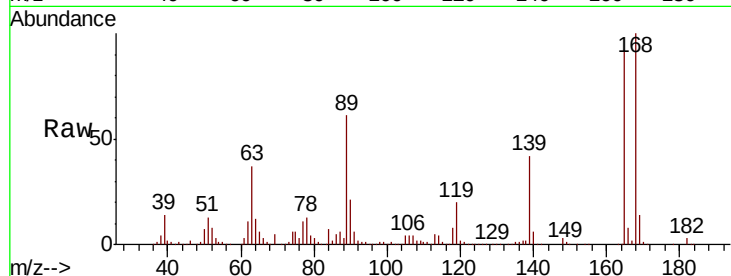




#57
 2,4-Dinitrotoluene
 Concen: 45.470 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: BF115029.D
 Acq: 14 Jun 2019 10:31

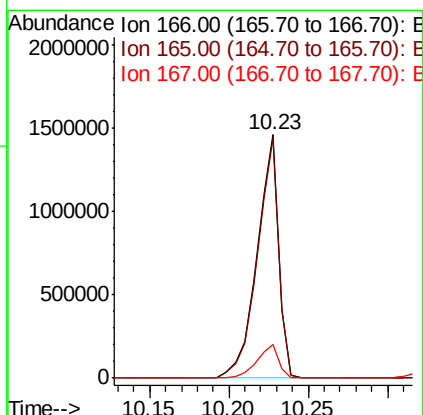
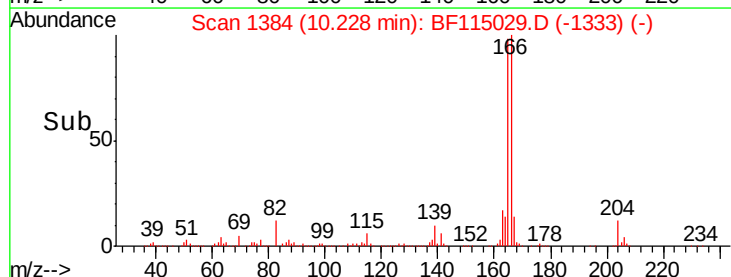
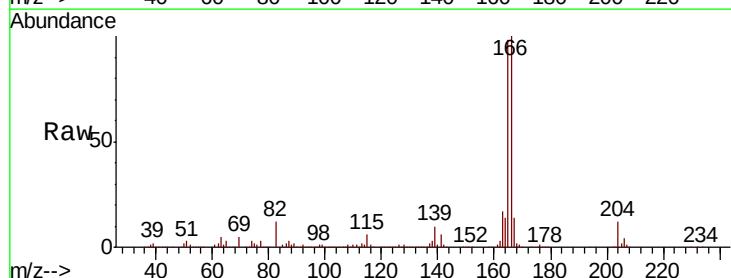
Instrument :
 BNA_F
 ClientSampleId :

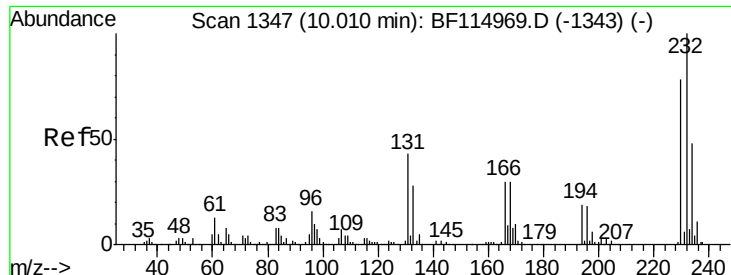
Tot Ion	Ratio	Lower	Upper
165	100		
63	40.6	29.4	44.2
89	66.0	50.6	75.8
182	2.8	2.2	3.2



#58
 Fluorene
 Concen: 47.709 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. -0.00 min
 Lab File: BF115029.D
 Acq: 14 Jun 2019 10:31

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.5	77.6	116.4
167	13.7	11.0	16.4

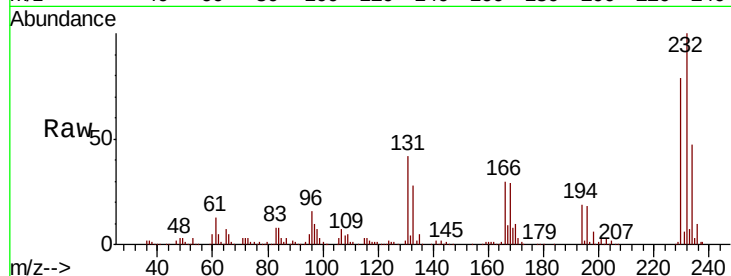




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.800 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.00 min
 Lab File: BF115029.D
 Acq: 14 Jun 2019 10:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.5	36.9	55.3
130	2.1	1.8	2.6
166	29.1	24.8	37.2



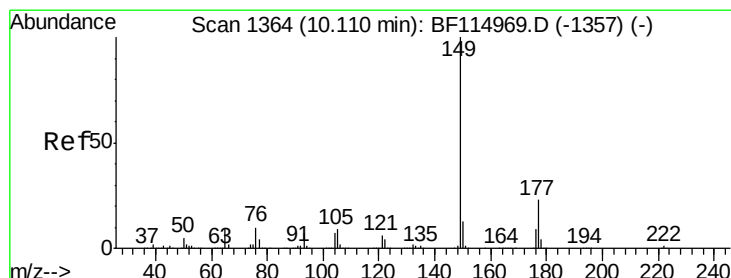
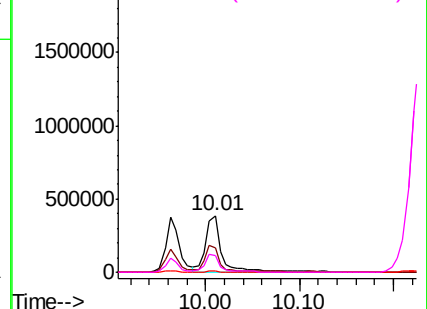
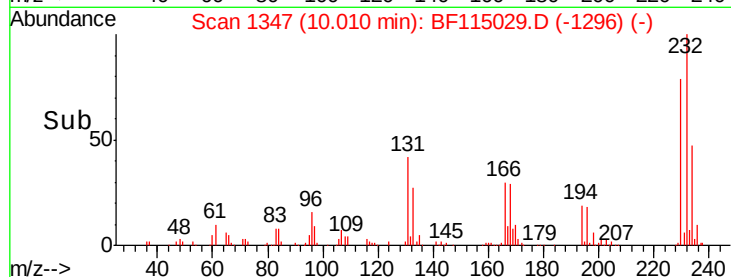
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

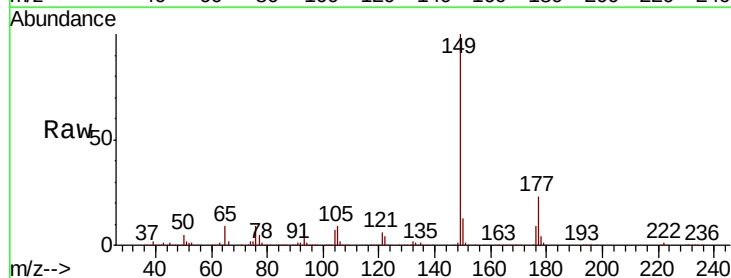
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 43.781 ng
 RT: 10.11 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: BF115029.D
 Acq: 14 Jun 2019 10:31

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.6	18.6	27.8
150	13.5	10.5	15.7

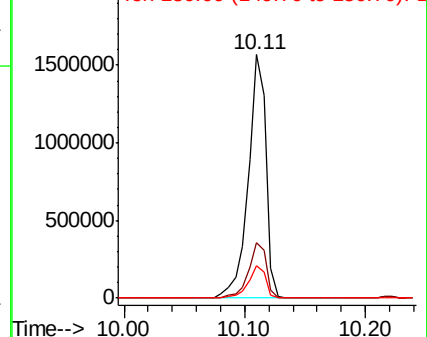
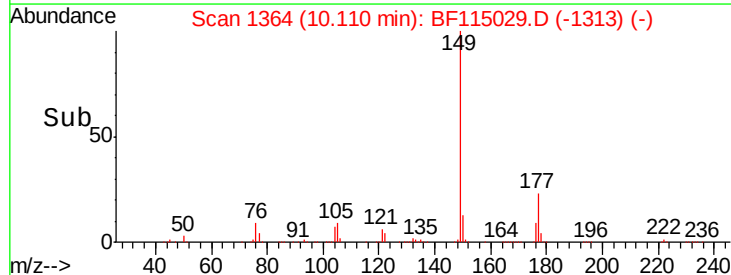


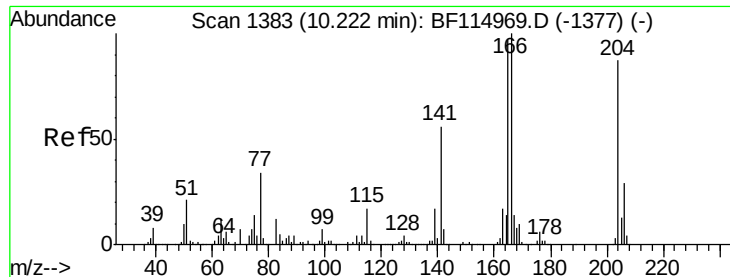
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

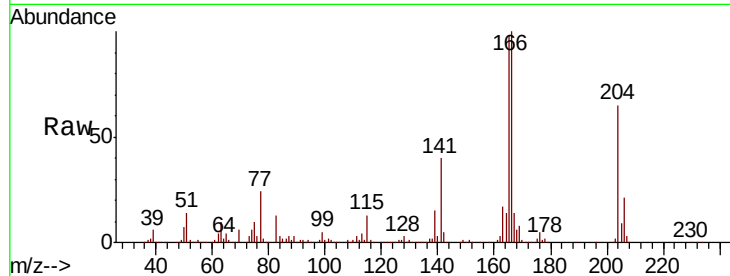




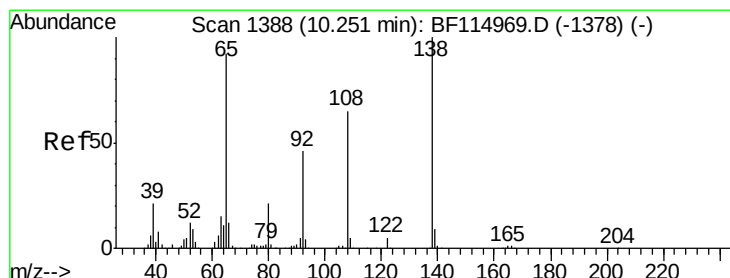
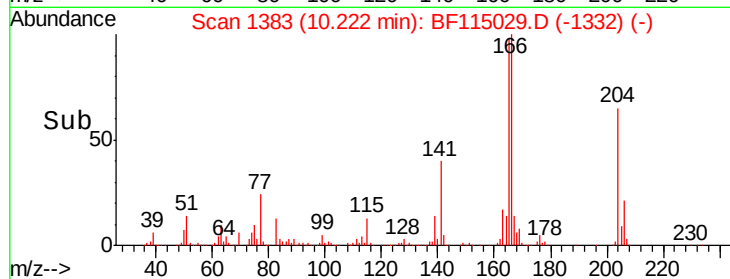
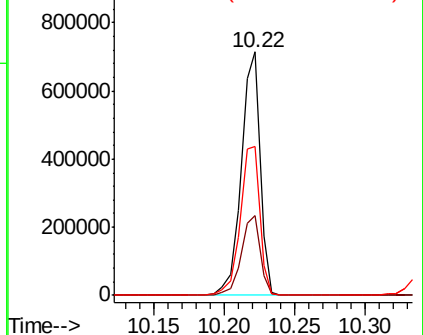
#61
4-Chlorophenyl-phenylether
Concen: 45.863 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.00 min
Lab File: BF115029.D
Acq: 14 Jun 2019 10:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 663267
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 61.4 51.8 77.8

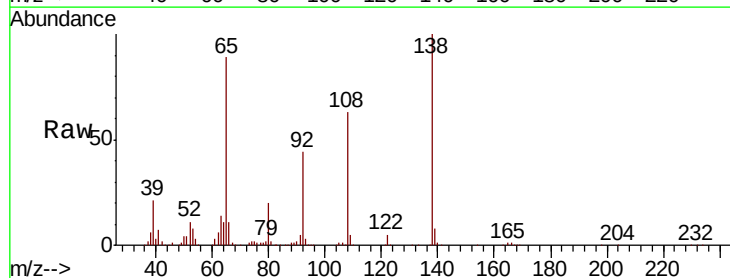


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

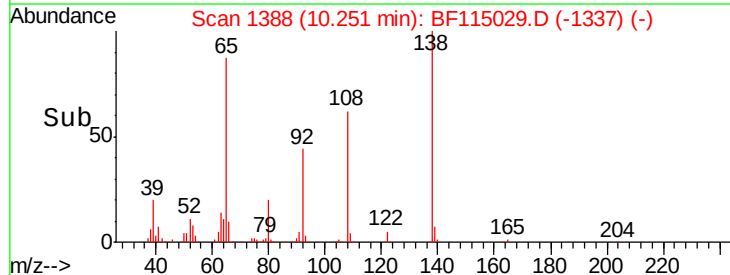
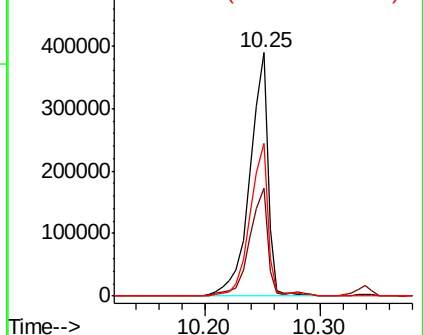


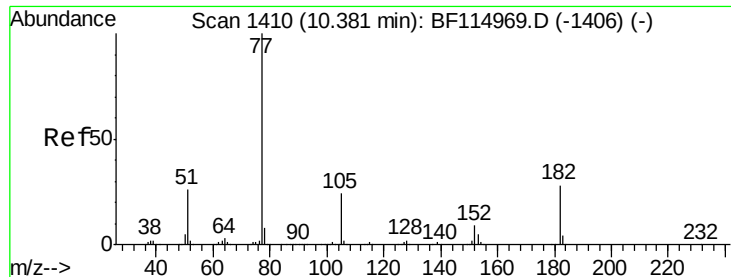
#62
4-Nitroaniline
Concen: 39.803 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BF115029.D
Acq: 14 Jun 2019 10:31

Tgt Ion:138 Resp: 427577
Ion Ratio Lower Upper
138 100
92 44.3 25.7 65.7
108 62.5 44.6 84.6



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: 44.289 ng

RT: 10.38 min Scan# 1410

Delta R.T. -0.00 min

Lab File: BF115029.D

Acq: 14 Jun 2019 10:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1424228

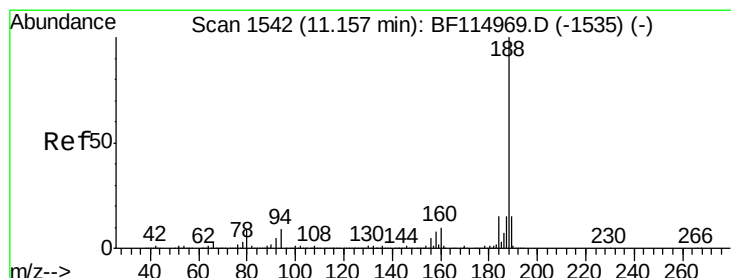
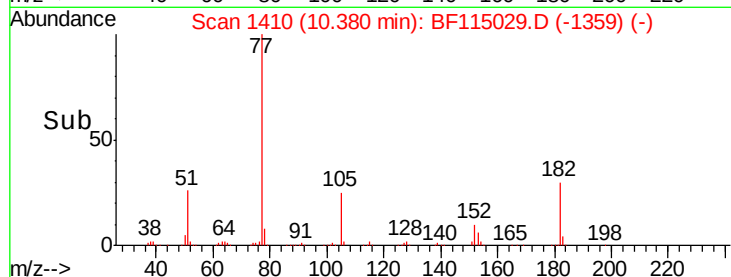
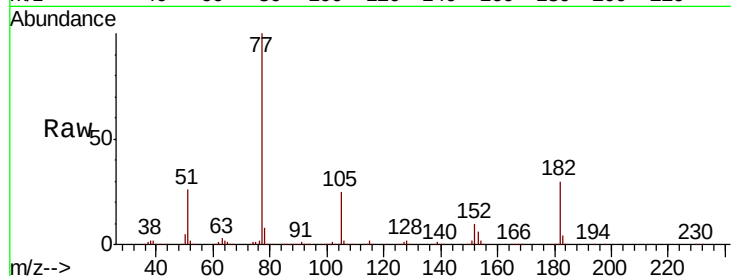
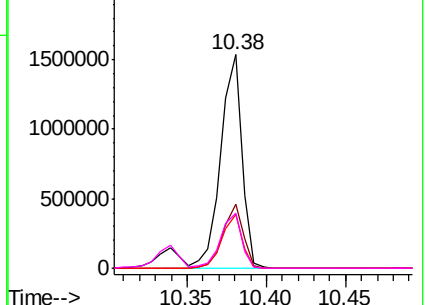
Ion	Ratio	Lower	Upper
77	100		
182	30.2	7.4	47.4
105	24.9	4.2	44.2
51	25.9	6.2	46.2

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: 11.15 min Scan# 1541

Delta R.T. -0.01 min

Lab File: BF115029.D

Acq: 14 Jun 2019 10:31

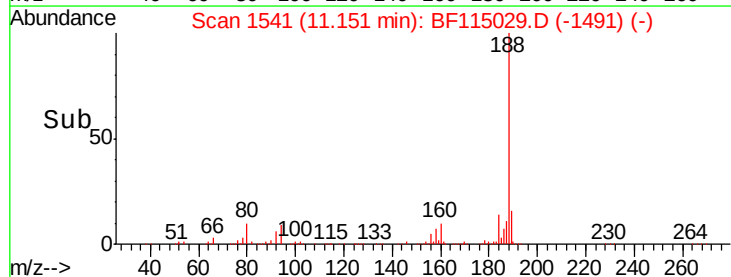
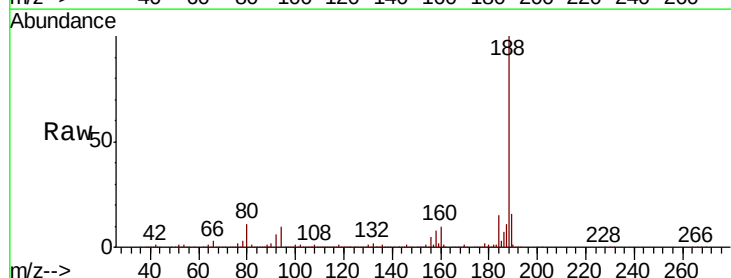
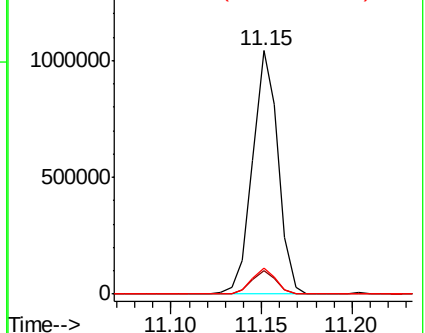
Tgt Ion: 188 Resp: 1021423

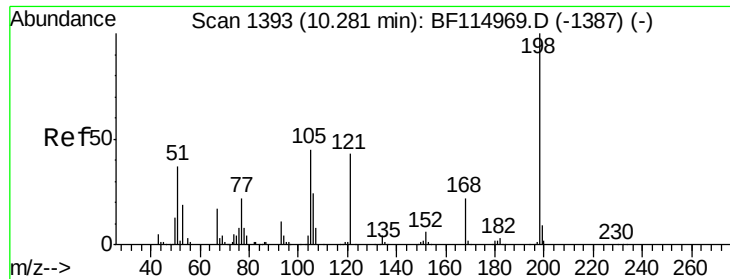
Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.2	10.8
80	10.6	7.4	11.2

Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 43.391 ng

RT: 10.28 min Scan# 1393

Delta R.T. -0.00 min

Lab File: BF115029.D

Acq: 14 Jun 2019 10:31

Instrument :

BNA_F

ClientSampled :

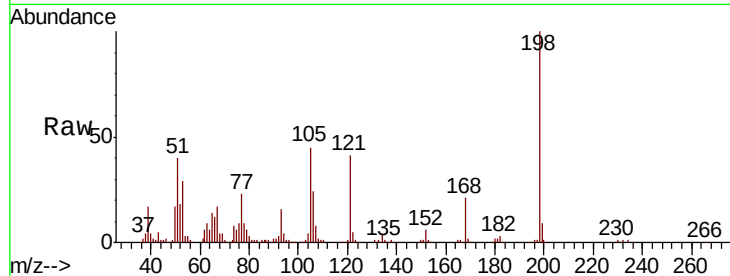
Tot Ion:198 Resp: 248412

Ion Ratio Lower Upper

198 100

51 39.6 23.0 63.0

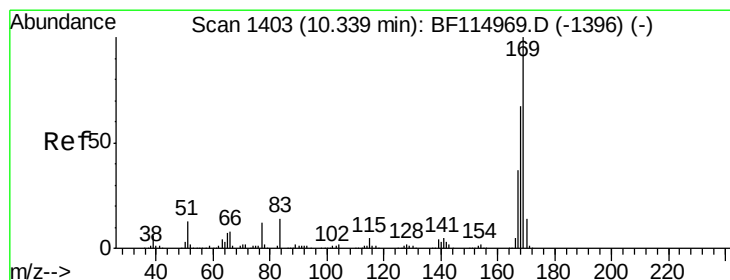
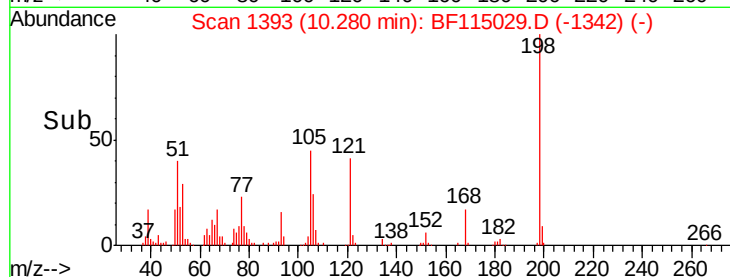
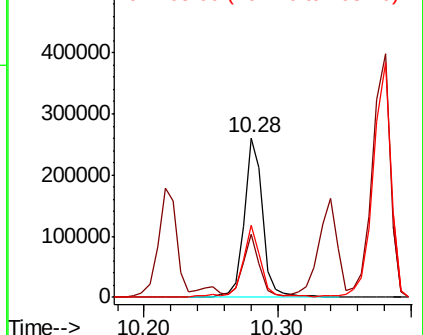
105 45.0 26.5 66.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.040 ng

RT: 10.34 min Scan# 1403

Delta R.T. -0.00 min

Lab File: BF115029.D

Acq: 14 Jun 2019 10:31

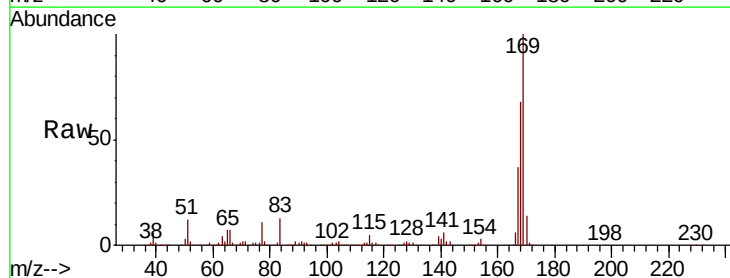
Tgt Ion:169 Resp: 1344639

Ion Ratio Lower Upper

169 100

168 67.7 53.6 80.4

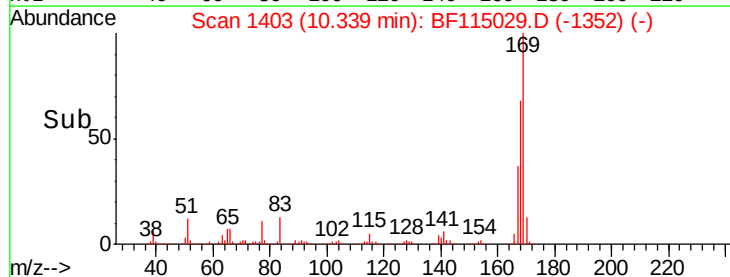
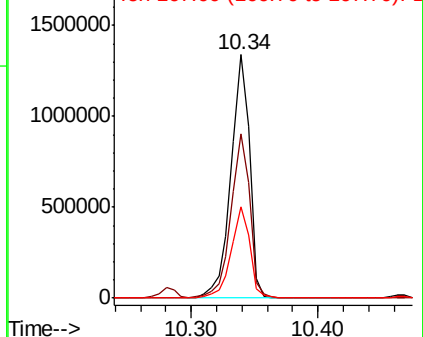
167 37.4 29.6 44.4

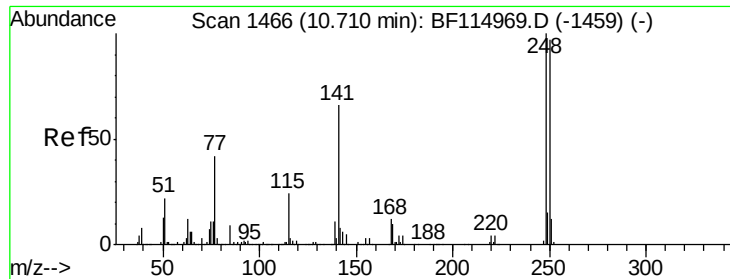


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

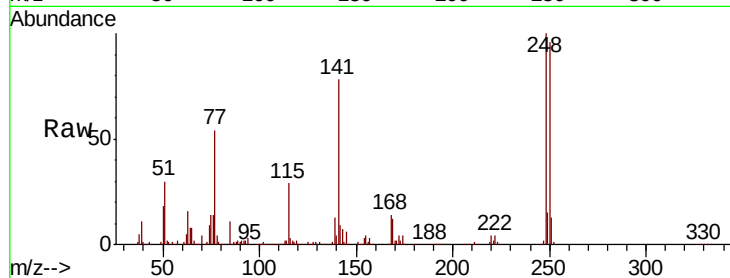




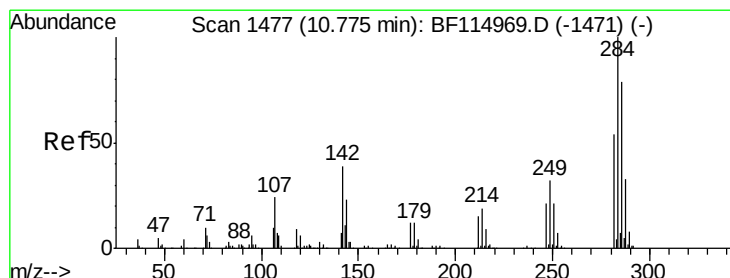
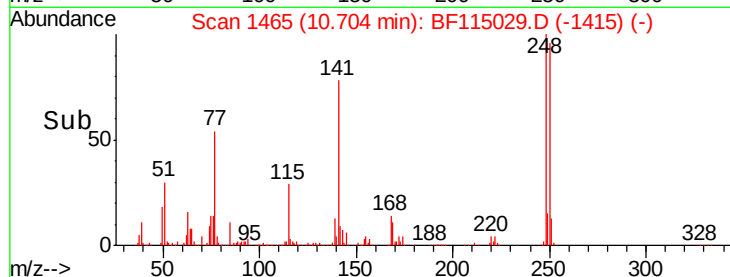
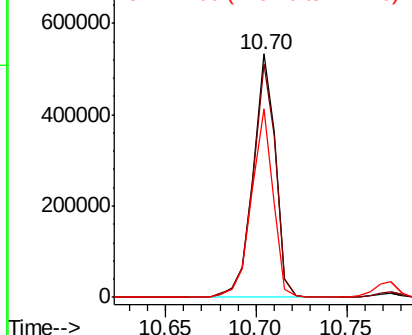
#67
4-Bromophenyl-phenylether
Concen: 41.655 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF115029.D
Acq: 14 Jun 2019 10:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 456839
Ion Ratio Lower Upper
248 100
250 95.7 77.8 116.8
141 77.7 53.1 79.7

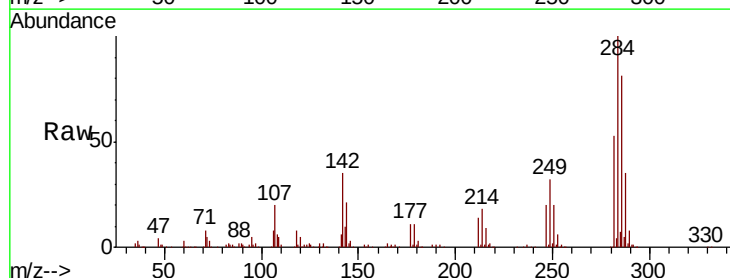


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

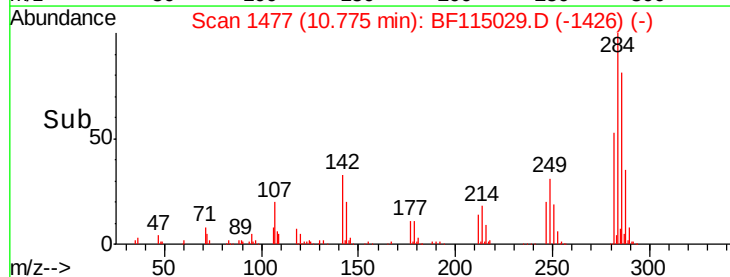
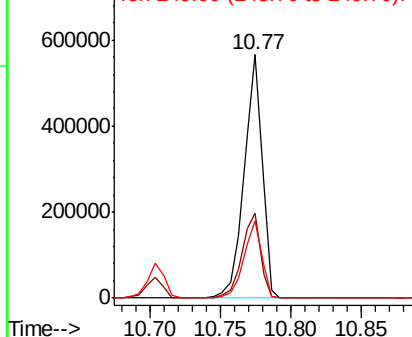


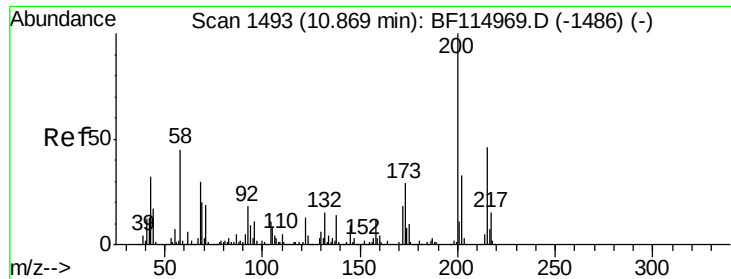
#68
Hexachlorobenzene
Concen: 41.745 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.00 min
Lab File: BF115029.D
Acq: 14 Jun 2019 10:31

Tgt Ion:284 Resp: 504030
Ion Ratio Lower Upper
284 100
142 34.6 31.5 47.3
249 31.9 25.6 38.4



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

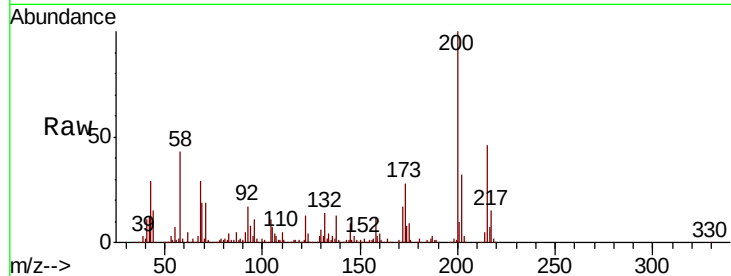




#69
Atrazine
Concen: 45.581 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BF115029.D
Acq: 14 Jun 2019 10:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.4	9.0	49.0
215	46.2	26.5	66.5

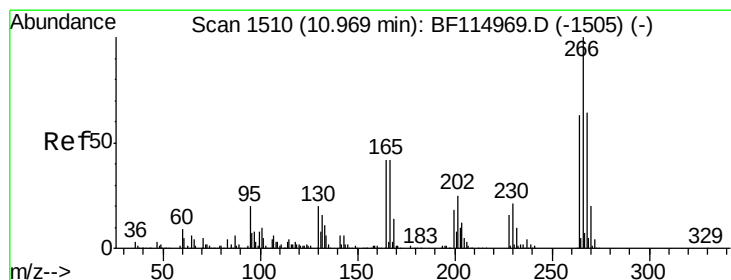
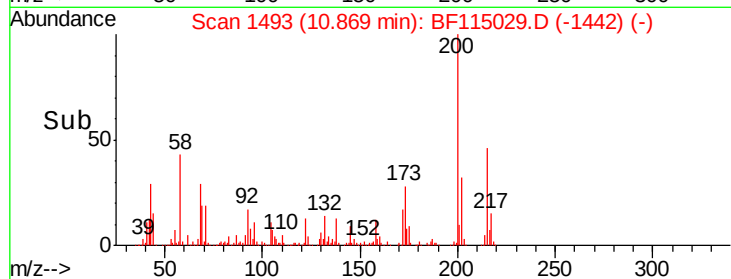
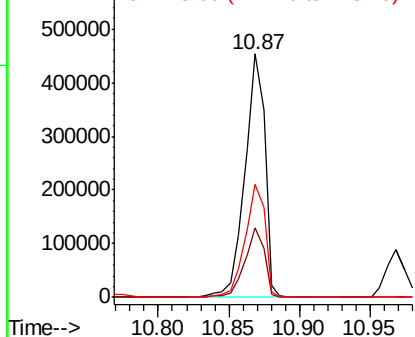


Abundance

Ion 200.00 (199.70 to 200.70): E

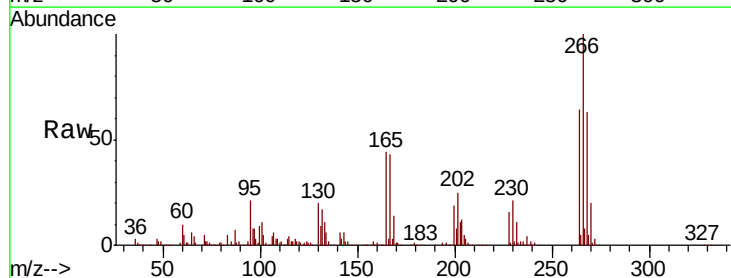
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 88.366 ng
RT: 10.97 min Scan# 1510
Delta R.T. -0.00 min
Lab File: BF115029.D
Acq: 14 Jun 2019 10:31

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.2	51.4	77.2
264	63.8	50.3	75.5

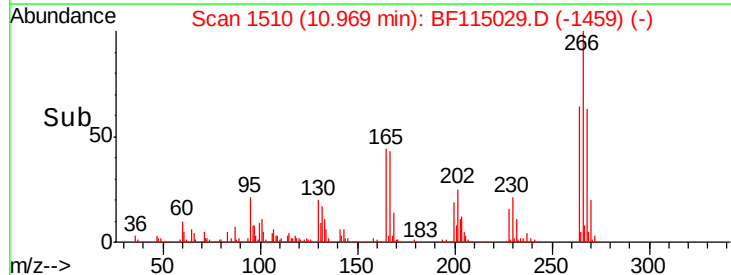
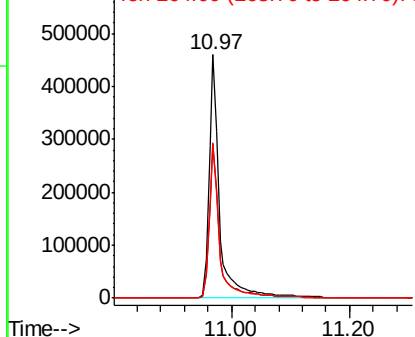


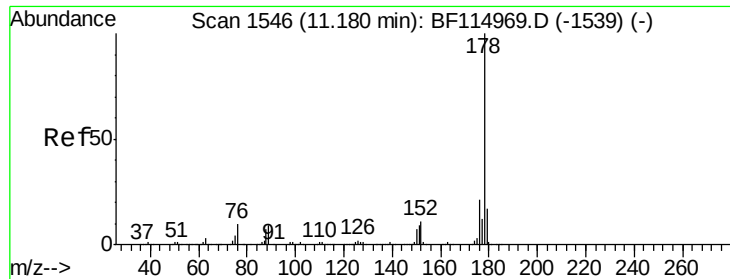
Abundance

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

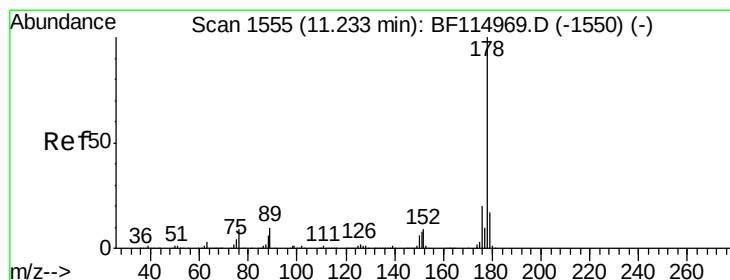
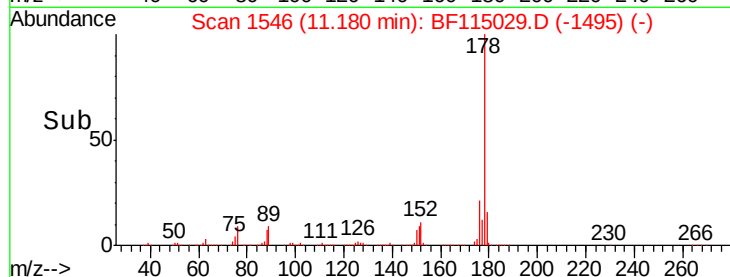
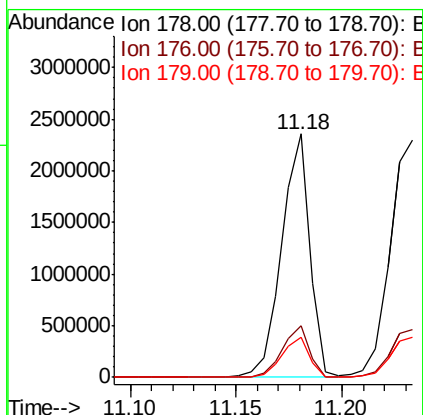
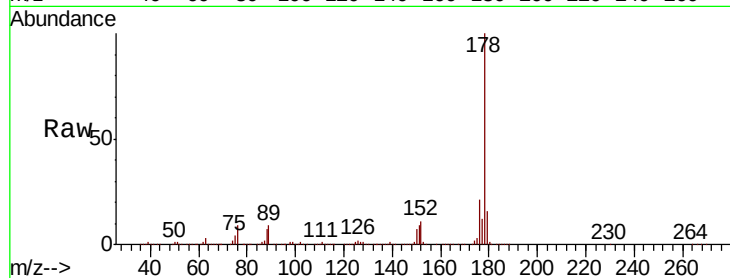




#71
Phenanthrene
Concen: 41.625 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.00 min
Lab File: BF115029.D
Acq: 14 Jun 2019 10:31

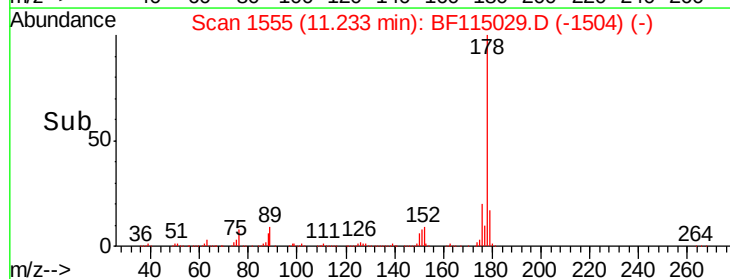
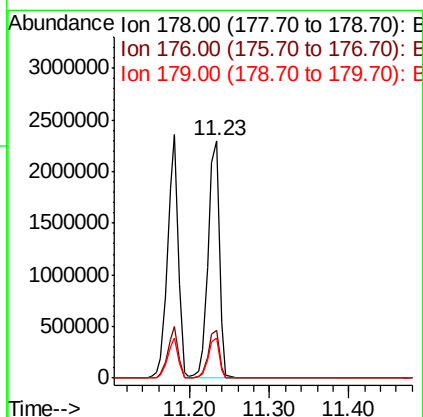
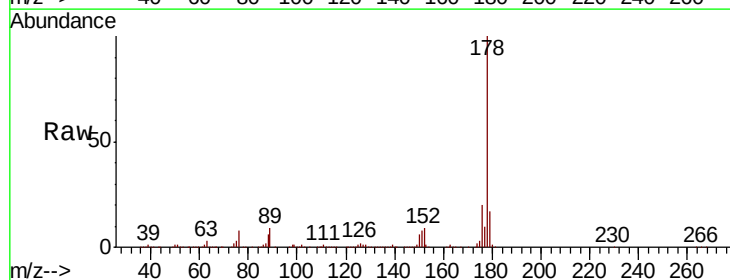
Instrument :
BNA_F
ClientSampleId :

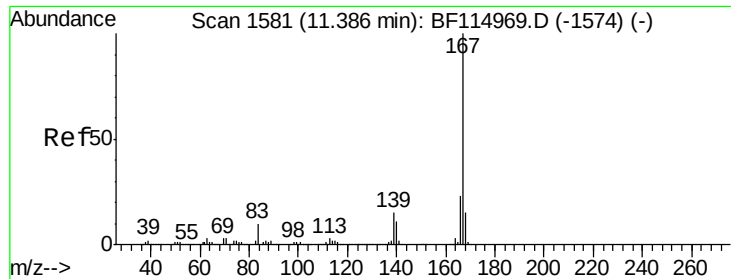
Tot Ion:178 Resp: 2195200
Ion Ratio Lower Upper
178 100
176 21.1 16.9 25.3
179 16.5 13.4 20.0



#72
Anthracene
Concen: 42.808 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF115029.D
Acq: 14 Jun 2019 10:31

Tgt Ion:178 Resp: 2277523
Ion Ratio Lower Upper
178 100
176 20.3 16.2 24.4
179 16.7 13.2 19.8



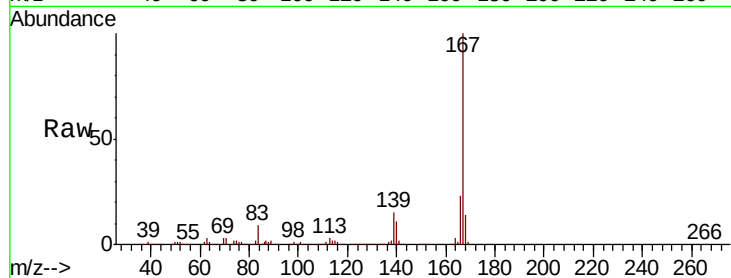


#73
 Carbazole
 Concen: 44.984 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.00 min
 Lab File: BF115029.D
 Acq: 14 Jun 2019 10:31

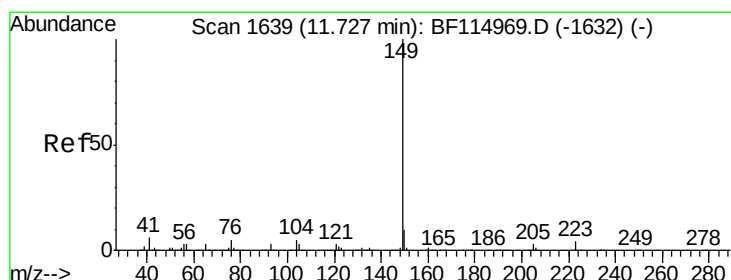
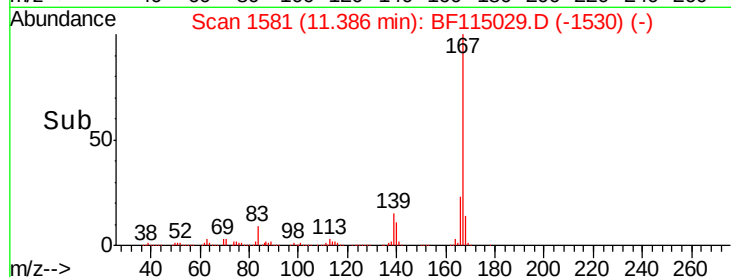
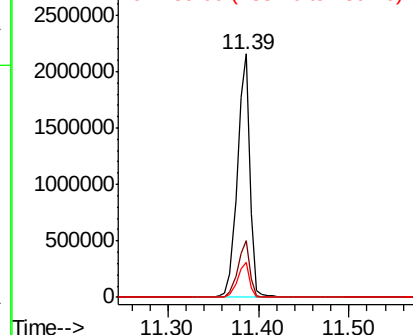
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:167 Resp: 2088948

Ion	Ratio	Lower	Upper
167	100		
166	23.2	18.5	27.7
139	14.6	12.0	18.0



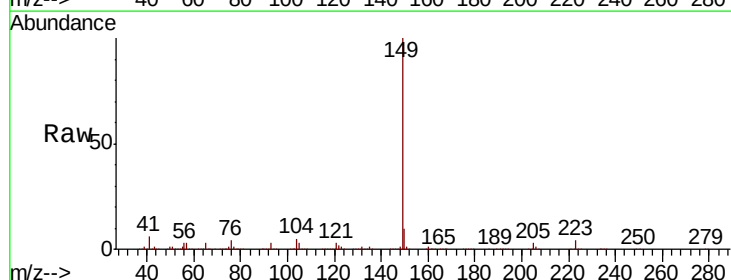
Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



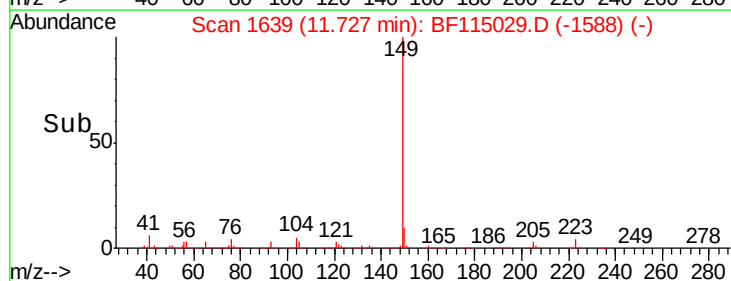
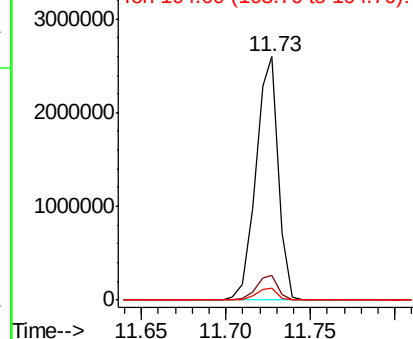
#74
 Di-n-butylphthalate
 Concen: 41.092 ng
 RT: 11.73 min Scan# 1639
 Delta R.T. -0.00 min
 Lab File: BF115029.D
 Acq: 14 Jun 2019 10:31

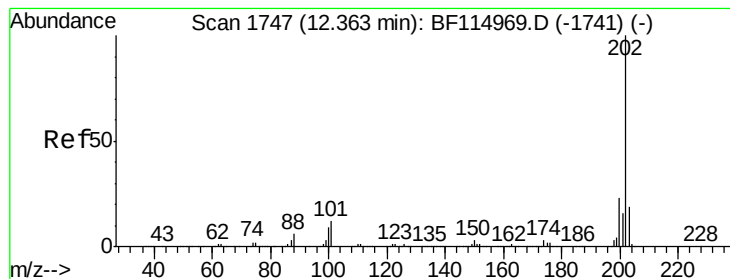
Tgt Ion:149 Resp: 2405634

Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.1	12.1
104	4.8	4.0	6.0



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

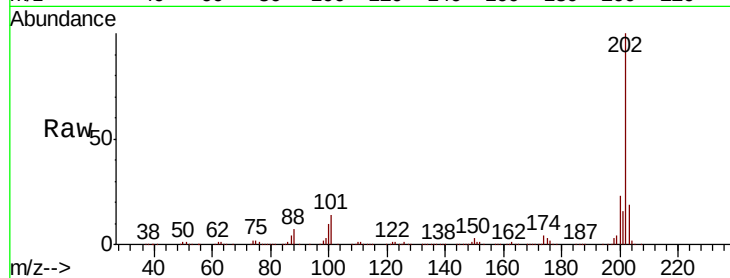




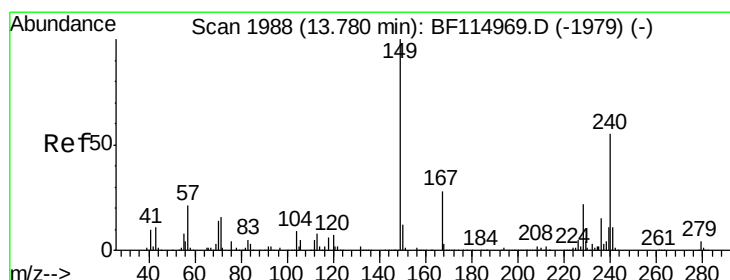
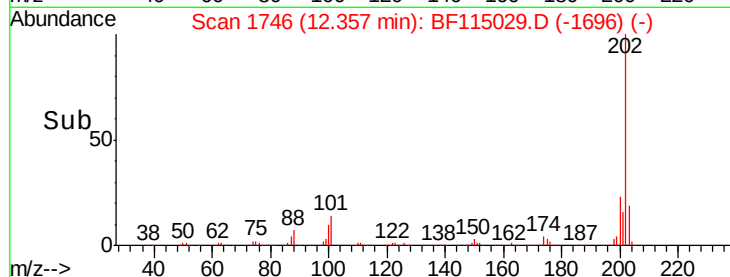
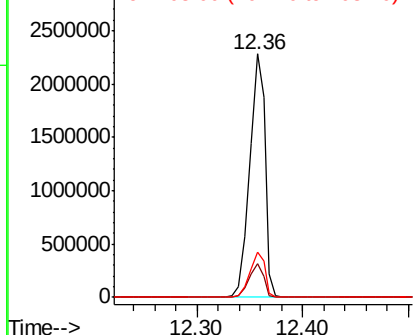
#75
Fluoranthene
Concen: 43.047 ng
RT: 12.36 min Scan# 1746
Delta R.T. -0.01 min
Lab File: BF115029.D
Acq: 14 Jun 2019 10:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 2321387
Ion Ratio Lower Upper
202 100
101 13.6 0.0 32.4
203 18.8 0.0 38.6

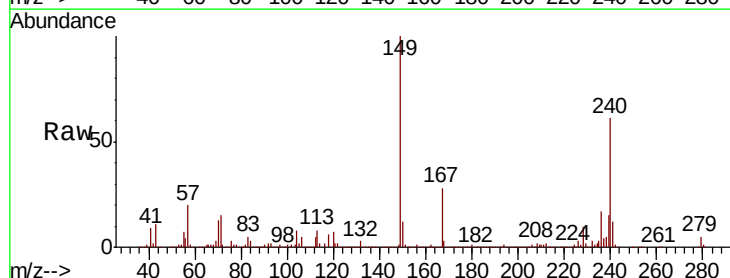


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

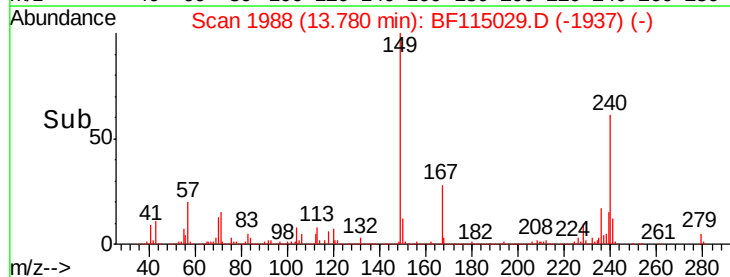
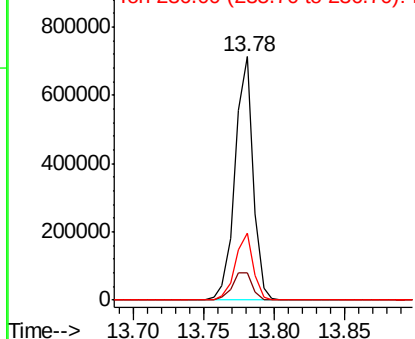


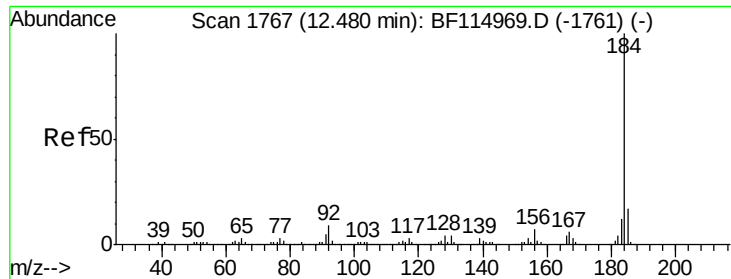
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.78 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BF115029.D
Acq: 14 Jun 2019 10:31

Tgt Ion:240 Resp: 636279
Ion Ratio Lower Upper
240 100
120 11.3 10.0 15.0
236 27.4 21.6 32.4



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 20.837 ng

RT: 12.48 min Scan# 1767

Delta R.T. -0.00 min

Lab File: BF115029.D

Acq: 14 Jun 2019 10:31

Instrument :

BNA_F

ClientSampleId :

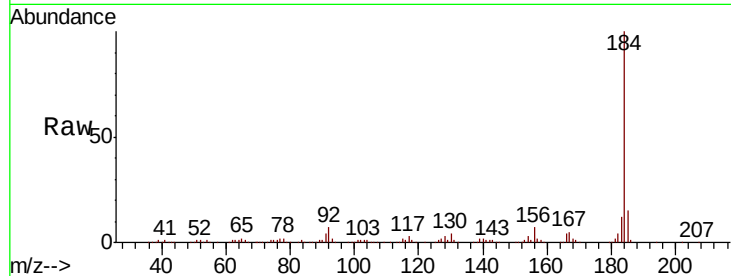
Tot Ion:184 Resp: 536261

Ion Ratio Lower Upper

184 100

185 15.0 13.4 20.0

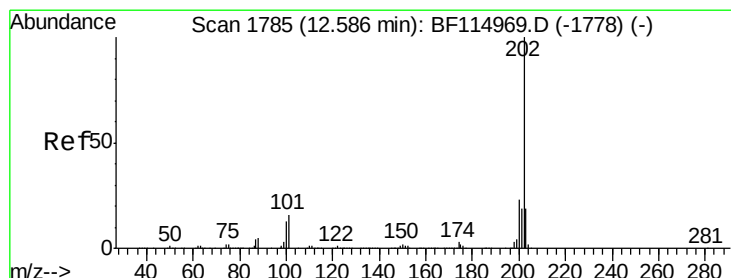
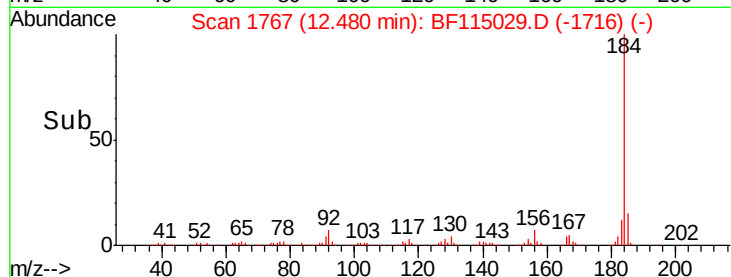
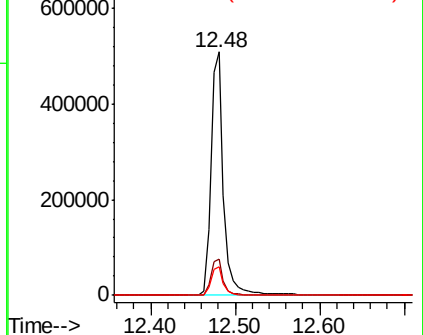
183 11.6 9.8 14.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.673 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BF115029.D

Acq: 14 Jun 2019 10:31

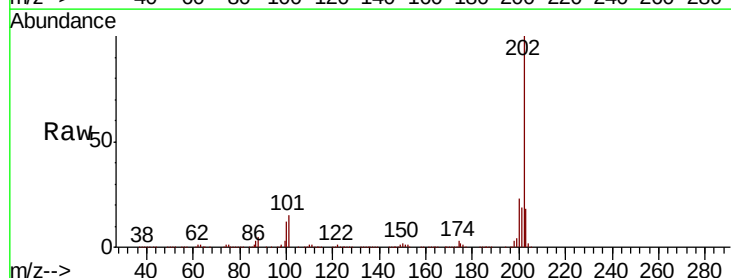
Tgt Ion:202 Resp: 2357543

Ion Ratio Lower Upper

202 100

200 23.1 18.4 27.6

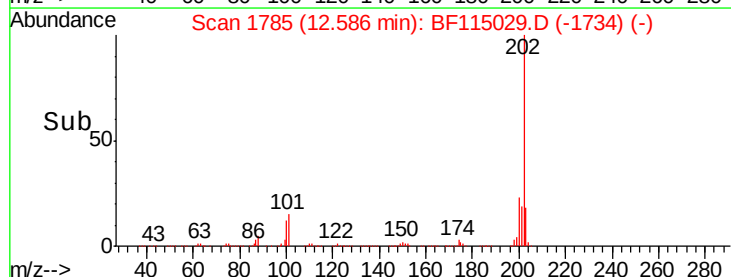
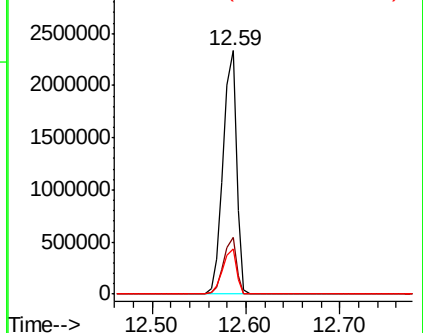
203 18.4 14.9 22.3

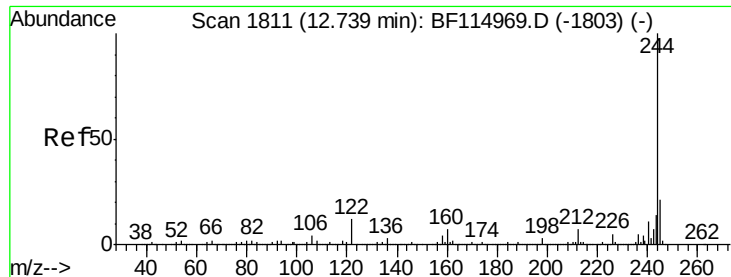


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

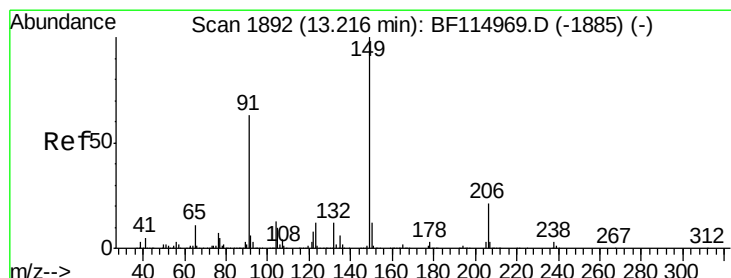
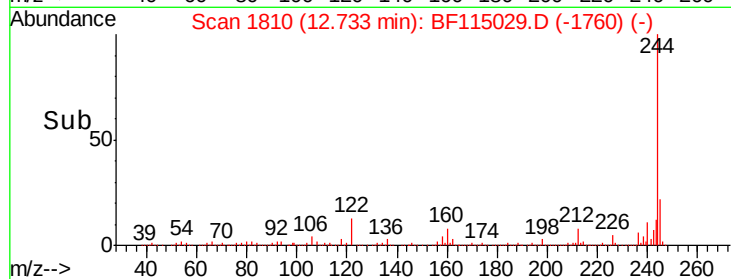
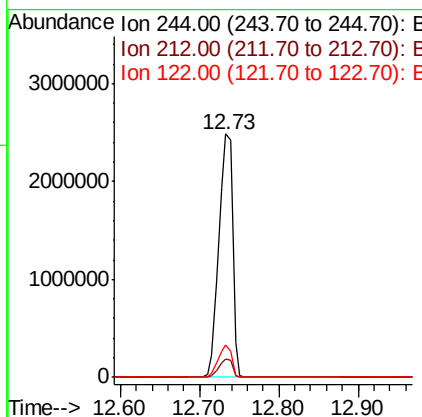
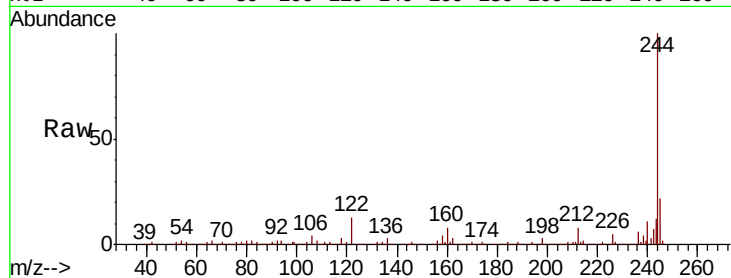




#79
 Terphenyl-d14
 Concen: 88.936 ng
 RT: 12.73 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: BF115029.D
 Acq: 14 Jun 2019 10:31

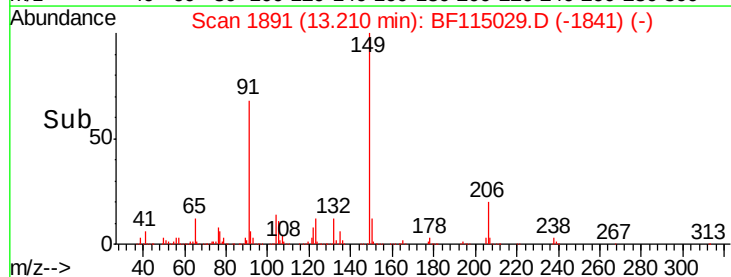
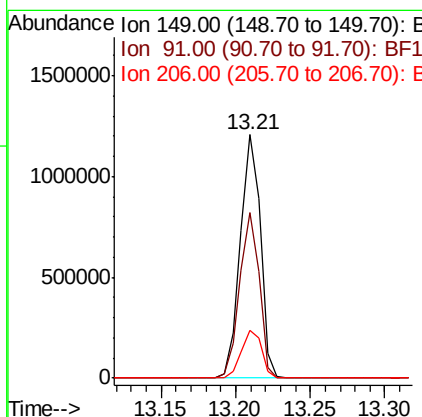
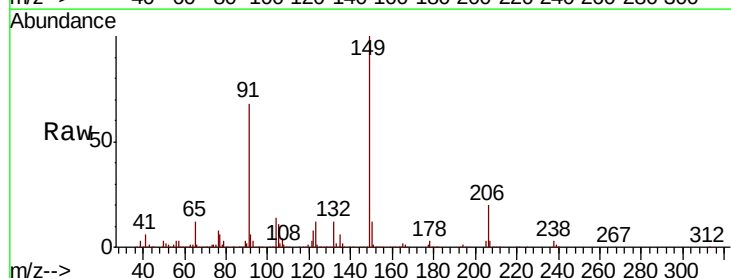
Instrument :
 BNA_F
 ClientSampleId :

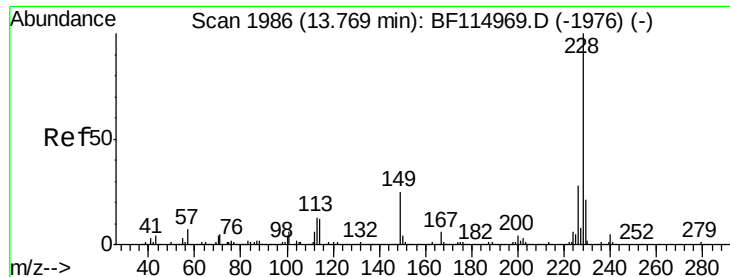
Tot Ion:244 Resp: 3008621
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.8 8.8
 122 13.1 9.4 14.0



#80
 Butylbenzylphthalate
 Concen: 41.984 ng
 RT: 13.21 min Scan# 1891
 Delta R.T. -0.01 min
 Lab File: BF115029.D
 Acq: 14 Jun 2019 10:31

Tgt Ion:149 Resp: 1136645
 Ion Ratio Lower Upper
 149 100
 91 67.8 50.6 76.0
 206 19.8 16.7 25.1





#81

Benzo(a)anthracene

Concen: 42.982 ng

RT: 13.77 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BF115029.D

Acq: 14 Jun 2019 10:31

Instrument :

BNA_F

ClientSampled :

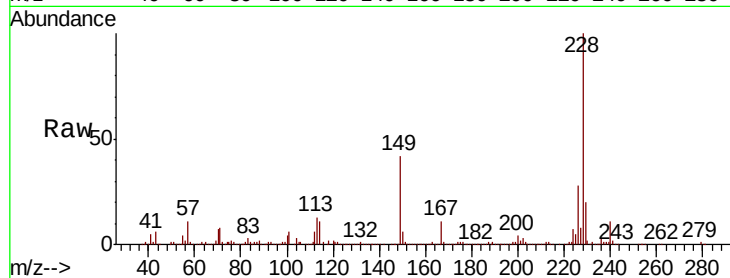
Tot Ion:228 Resp: 2046567

Ion Ratio Lower Upper

228 100

226 28.2 22.0 33.0

229 20.5 16.6 25.0

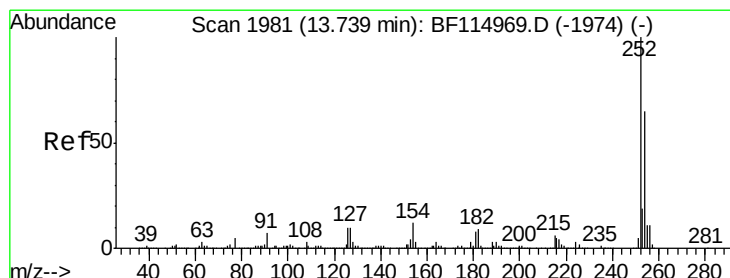
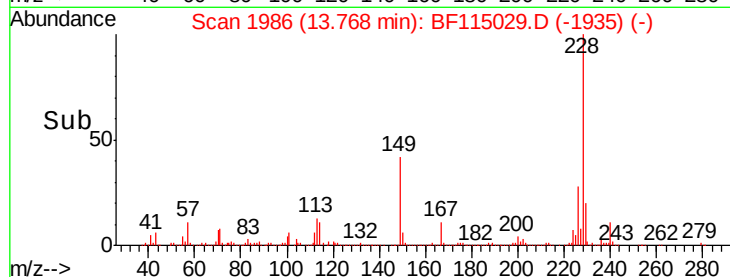
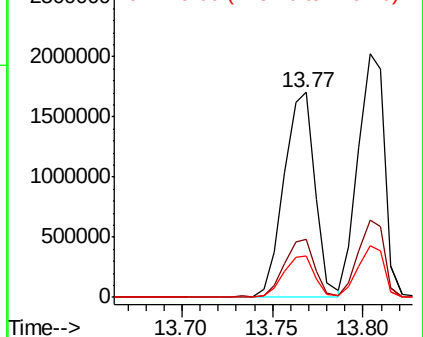


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 29.638 ng

RT: 13.73 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BF115029.D

Acq: 14 Jun 2019 10:31

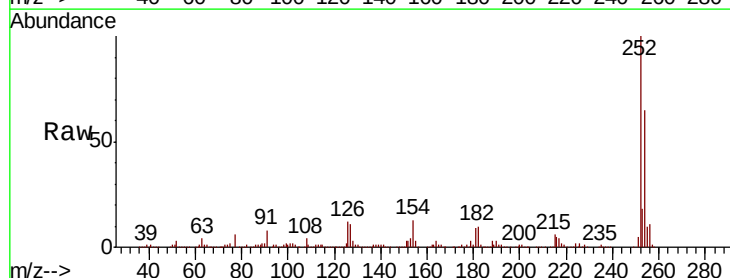
Tgt Ion:252 Resp: 541029

Ion Ratio Lower Upper

252 100

254 65.1 52.2 78.4

126 11.7 8.0 12.0

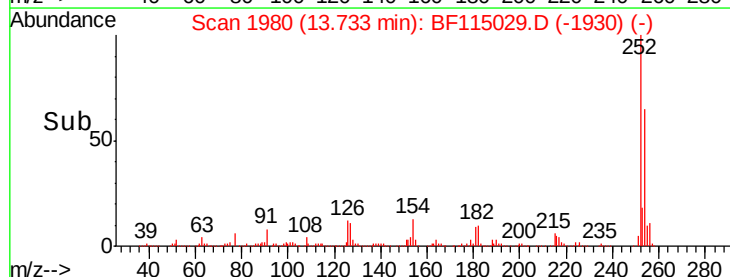
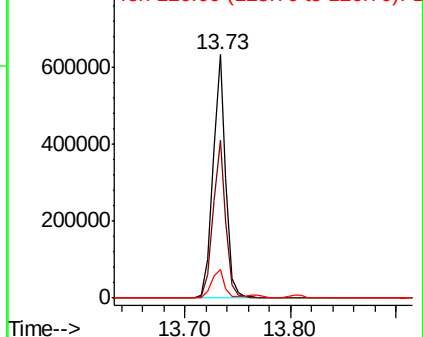


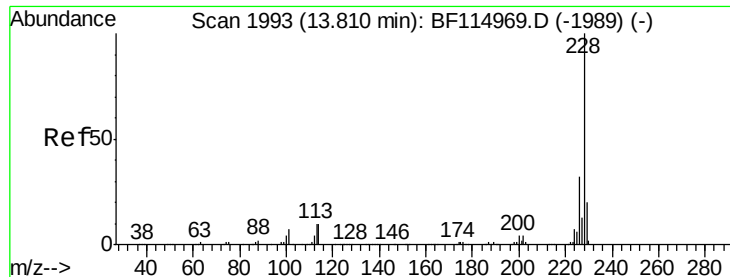
Abundance

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: 44.146 ng

RT: 13.80 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BF115029.D

Acq: 14 Jun 2019 10:31

Instrument :

BNA_F

ClientSampled :

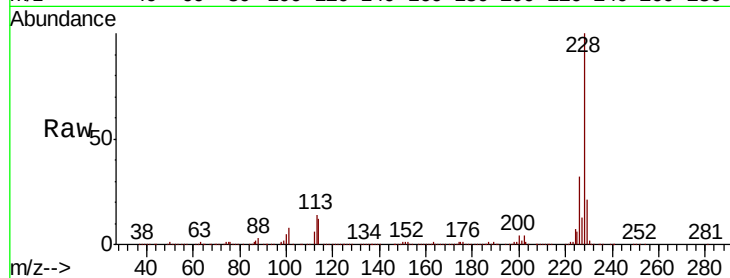
Tot Ion:228 Resp: 2090242

Ion Ratio Lower Upper

228 100

226 31.9 25.4 38.0

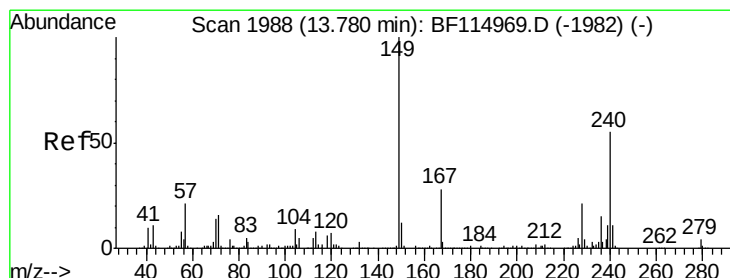
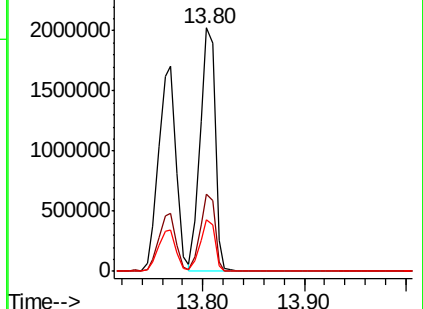
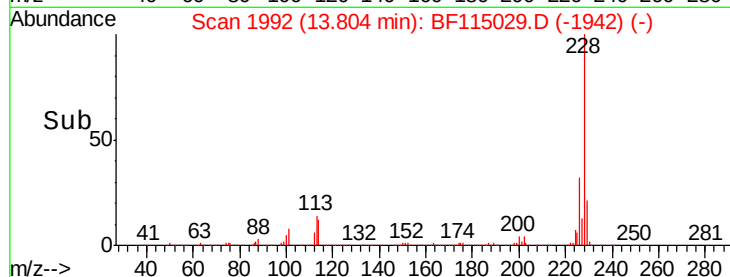
229 21.2 16.4 24.6



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.289 ng

RT: 13.77 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BF115029.D

Acq: 14 Jun 2019 10:31

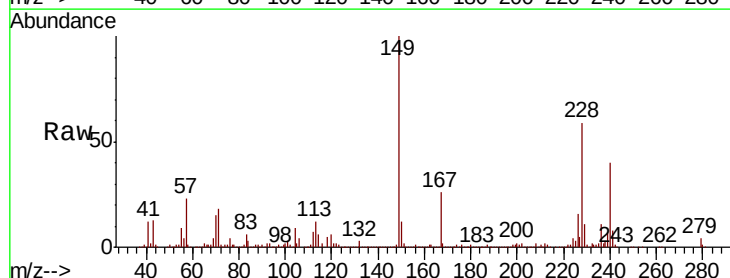
Tgt Ion:149 Resp: 1321181

Ion Ratio Lower Upper

149 100

167 26.5 22.2 33.4

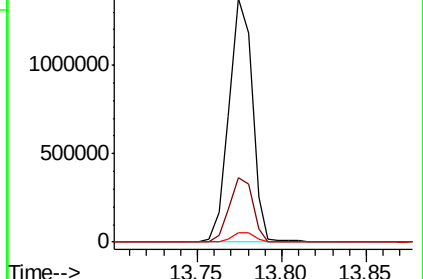
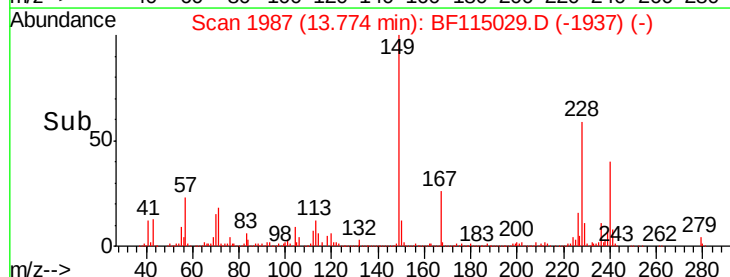
279 3.6 3.4 5.0

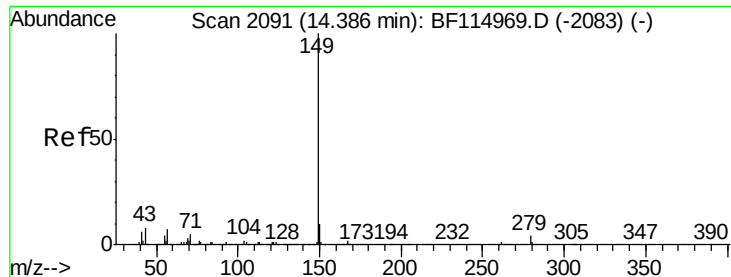


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 44.861 ng

RT: 14.38 min Scan# 2090

Delta R.T. -0.01 min

Lab File: BF115029.D

Acq: 14 Jun 2019 10:31

Instrument :

BNA_F

ClientSampleId :

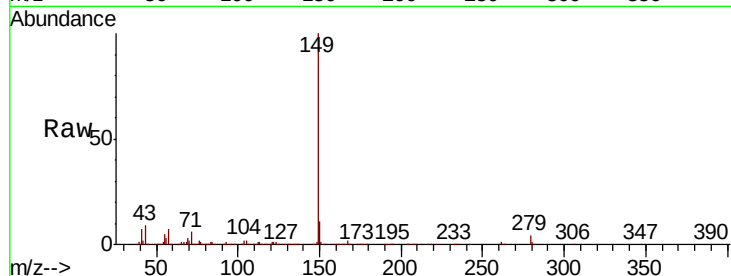
Tot Ion:149 Resp: 2471947

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

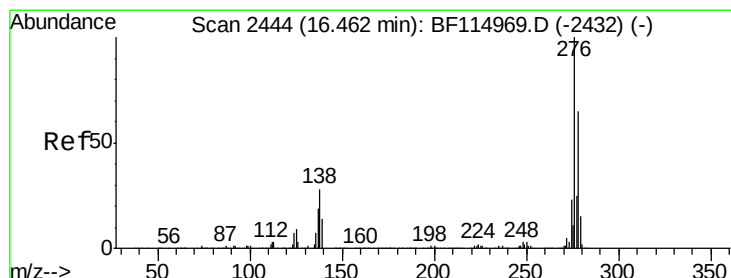
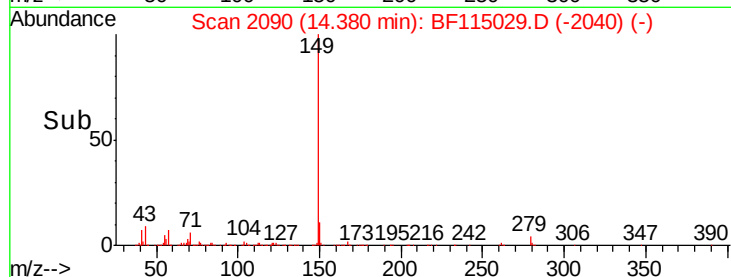
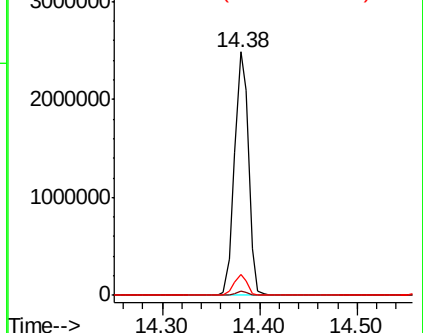
43 7.9 6.5 9.7



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: 43.502 ng

RT: 16.46 min Scan# 2444

Delta R.T. -0.00 min

Lab File: BF115029.D

Acq: 14 Jun 2019 10:31

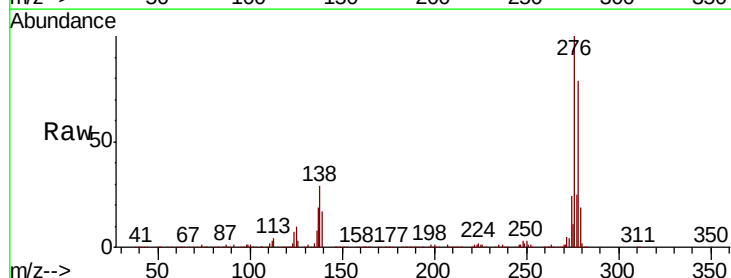
Tgt Ion:276 Resp: 1809289

Ion Ratio Lower Upper

276 100

138 29.0 23.0 34.4

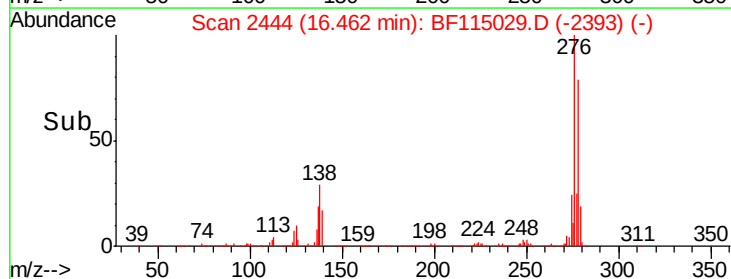
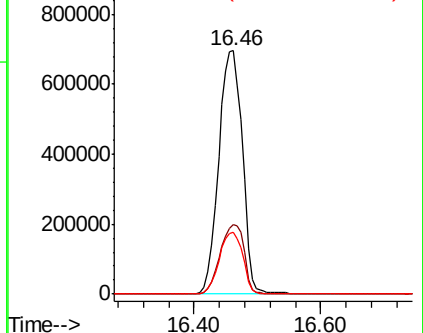
277 25.5 20.6 30.8

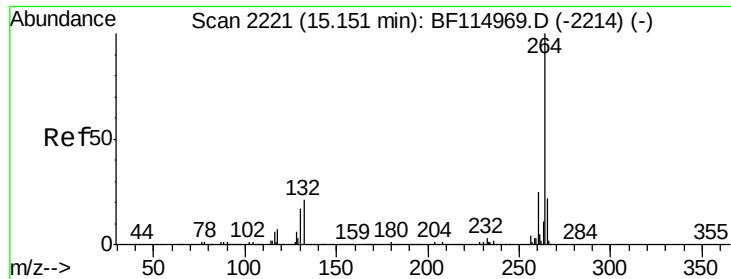


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

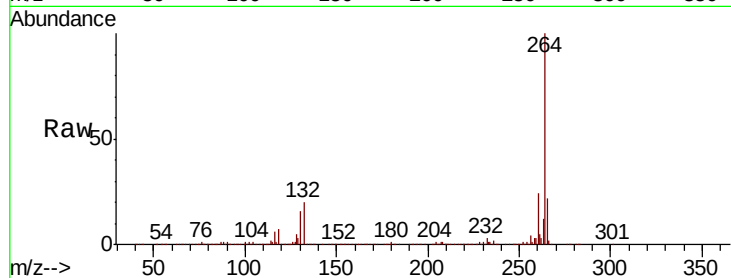




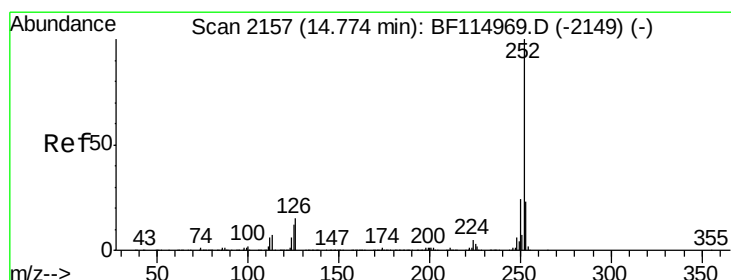
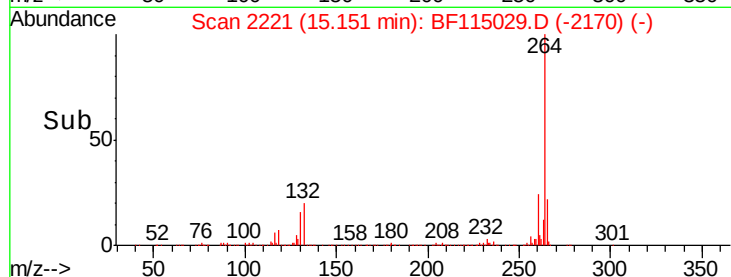
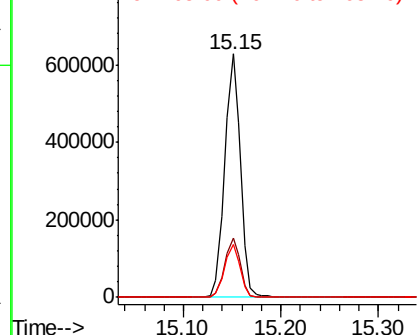
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.00 min
Lab File: BF115029.D
Acq: 14 Jun 2019 10:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 700617
Ion Ratio Lower Upper
264 100
260 24.2 19.9 29.9
265 21.9 17.6 26.4

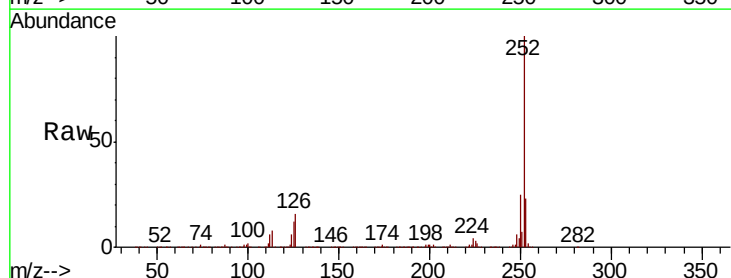


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

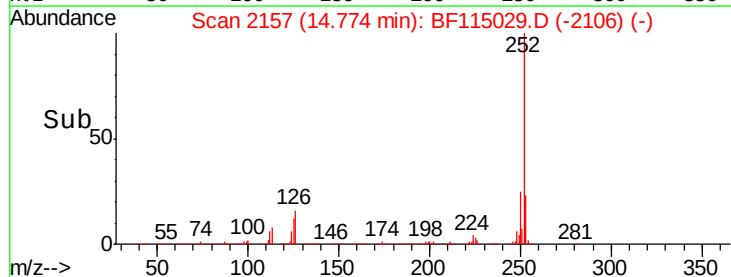
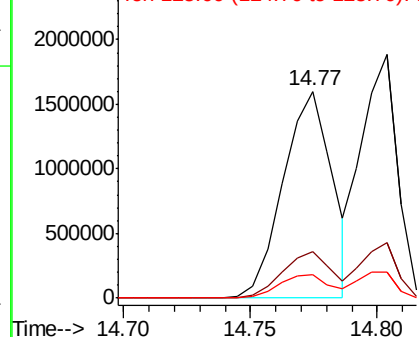


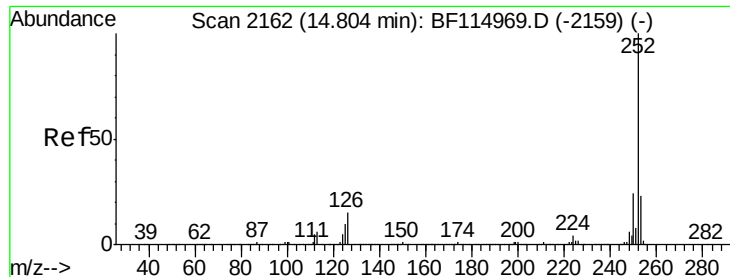
#88
Benzo(b)fluoranthene
Concen: 46.127 ng
RT: 14.77 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BF115029.D
Acq: 14 Jun 2019 10:31

Tgt Ion:252 Resp: 2148354
Ion Ratio Lower Upper
252 100
253 22.5 18.1 27.1
125 11.6 9.4 14.0



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

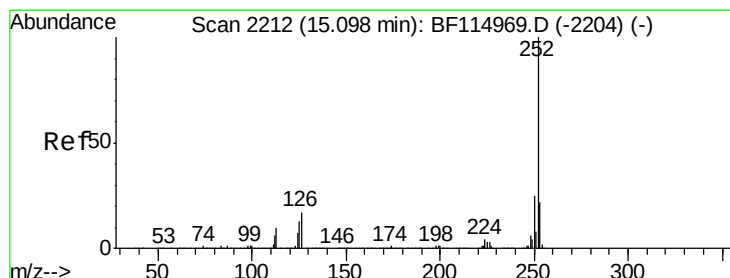
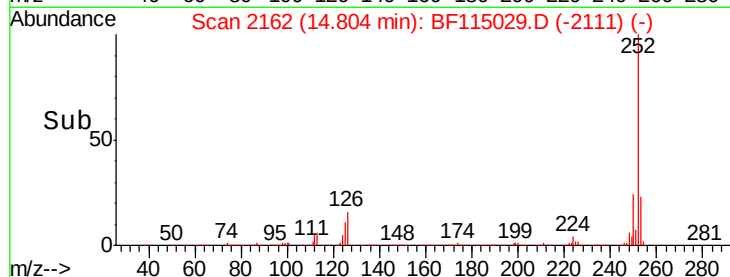
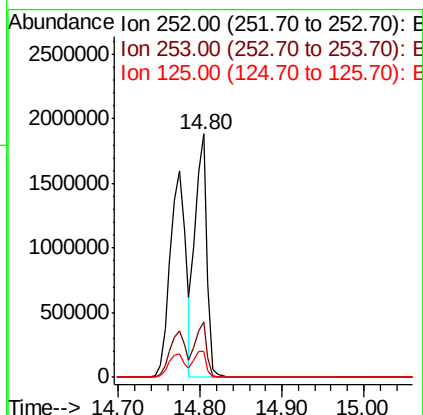
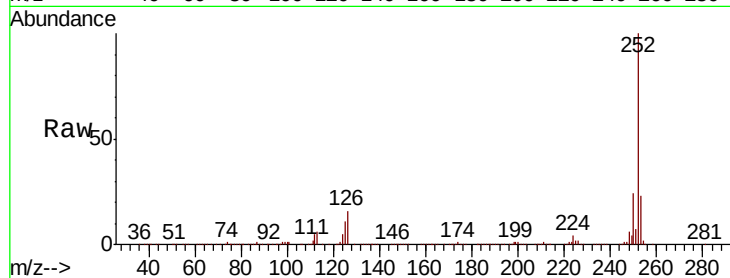




#89
Benzo(k)fluoranthene
Concen: 46.136 ng
RT: 14.80 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BF115029.D
Acq: 14 Jun 2019 10:31

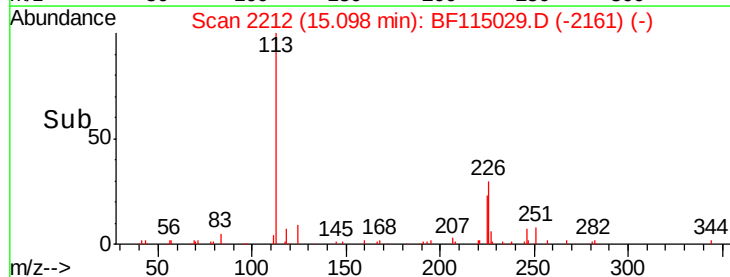
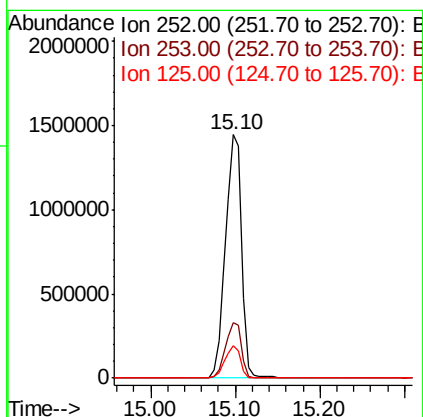
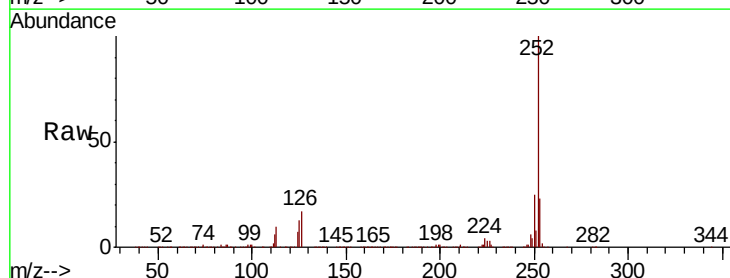
Instrument :
BNA_F
ClientSampleId :

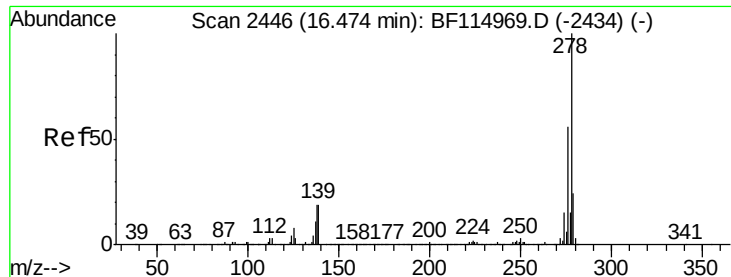
Tot Ion:252 Resp: 1886052
Ion Ratio Lower Upper
252 100
253 22.8 18.0 27.0
125 10.9 8.2 12.4



#90
Benzo(a)pyrene
Concen: 47.130 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.00 min
Lab File: BF115029.D
Acq: 14 Jun 2019 10:31

Tgt Ion:252 Resp: 1894087
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 13.4 10.7 16.1

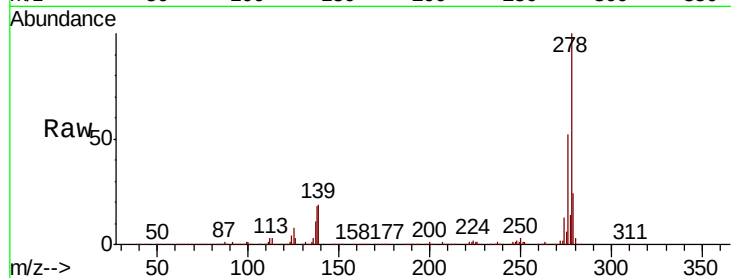




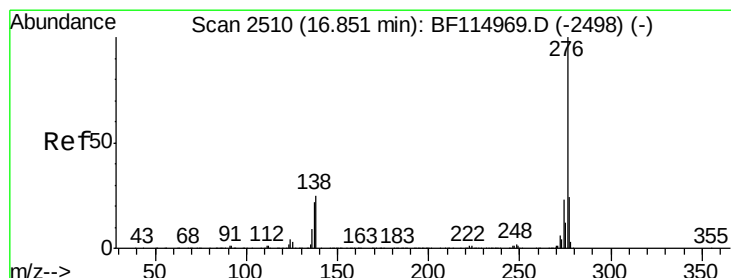
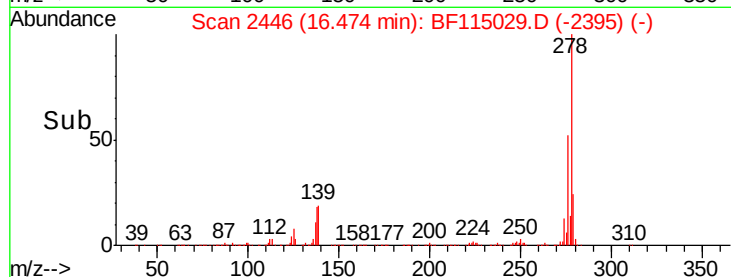
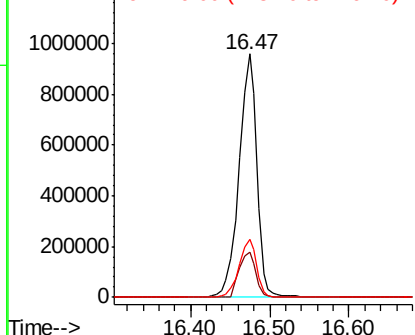
#91
Dibenzo(a,h)anthracene
Concen: 43.207 ng
RT: 16.47 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BF115029.D
Acq: 14 Jun 2019 10:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1495401
Ion Ratio Lower Upper
278 100
139 18.8 15.3 22.9
279 24.0 19.2 28.8

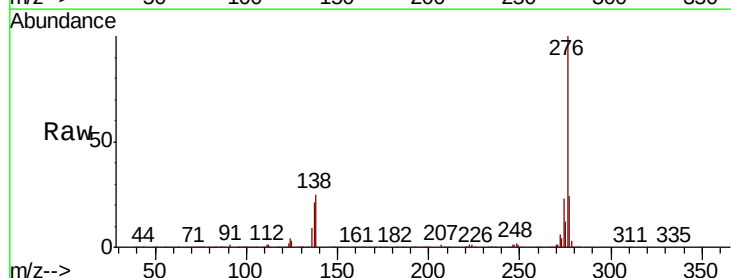


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 42.682 ng
RT: 16.85 min Scan# 2510
Delta R.T. -0.00 min
Lab File: BF115029.D
Acq: 14 Jun 2019 10:31

Tgt Ion:276 Resp: 1506546
Ion Ratio Lower Upper
276 100
277 24.3 18.8 28.2
138 24.9 20.2 30.4



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

