

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
 Data File : BF115034.D
 Acq On : 14 Jun 2019 12:44
 Operator : HP/JU
 Sample : PB120572BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120572BS

Quant Time: Jun 17 03:42:25 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	247893	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	963286	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	470216	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	916715	20.00	ng	0.00
76) Chrysene-d12	13.77	240	582455	20.00	ng	0.00
87) Perylene-d12	15.15	264	574518	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	1675599	112.87	ng	0.01
7) Phenol-d6	6.30	99	2027696	113.23	ng	0.00
23) Nitrobenzene-d5	7.22	82	1273563	79.58	ng	0.00
42) 2,4,6-Tribromophenol	10.47	330	599114	118.98	ng	0.00
45) 2-Fluorobiphenyl	9.01	172	2434228	87.74	ng	0.00
79) Terphenyl-d14	12.73	244	2607006	84.19	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	287292	41.342	ng	100
3) Pyridine	3.05	79	782714	40.007	ng	99
4) n-Nitrosodimethylamine	2.99	42	289160	41.630	ng	99
6) Aniline	6.31	93	629853	26.263	ng	# 44
8) 2-Chlorophenol	6.44	128	737310	43.799	ng	99
9) Benzaldehyde	6.19	77	132212	7.474	ng	100
10) Phenol	6.31	94	825736	41.212	ng	90
11) bis(2-Chloroethyl)ether	6.39	93	657619	42.287	ng	99
12) 1,3-Dichlorobenzene	6.59	146	818953	41.651	ng	99
13) 1,4-Dichlorobenzene	6.66	146	835651	42.274	ng	98
14) 1,2-Dichlorobenzene	6.82	146	764452	41.077	ng	98
15) Benzyl Alcohol	6.80	79	460023	34.285	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.93	45	855287	41.092	ng	96
17) 2-Methylphenol	6.92	107	622304	44.321	ng	99
18) Hexachloroethane	7.16	117	295405	41.380	ng	97
19) n-Nitroso-di-n-propylamine	7.07	70	451728	41.517	ng	99
20) 3+4-Methylphenols	7.07	107	726741m	43.489	ng	
22) Acetophenone	7.06	105	1001987	45.951	ng	97
24) Nitrobenzene	7.23	77	736893	45.256	ng	97
25) Isophorone	7.47	82	1334500	44.523	ng	100
26) 2-Nitrophenol	7.55	139	423920	46.709	ng	96
27) 2,4-Dimethylphenol	7.60	122	656975	50.179	ng	99
28) bis(2-Chloroethoxy)methane	7.69	93	839931	43.677	ng	99
29) 2,4-Dichlorophenol	7.80	162	647050	46.782	ng	99
30) 1,2,4-Trichlorobenzene	7.87	180	709778	44.412	ng	99
31) Naphthalene	7.95	128	2136010	46.866	ng	99
32) Benzoic acid	7.74	122	416335	43.949	ng	97
33) 4-Chloroaniline	8.00	127	521400	24.783	ng	99
34) Hexachlorobutadiene	8.07	225	383730	43.197	ng	99
35) Caprolactam	8.37	113	203994m	44.282	ng	
36) 4-Chloro-3-methylphenol	8.50	107	668799	47.982	ng	98
37) 2-Methylnaphthalene	8.64	142	1440474	47.386	ng	99
38) 1-Methylnaphthalene	8.74	142	1367162	47.585	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.81	216	616282	44.363	ng	99

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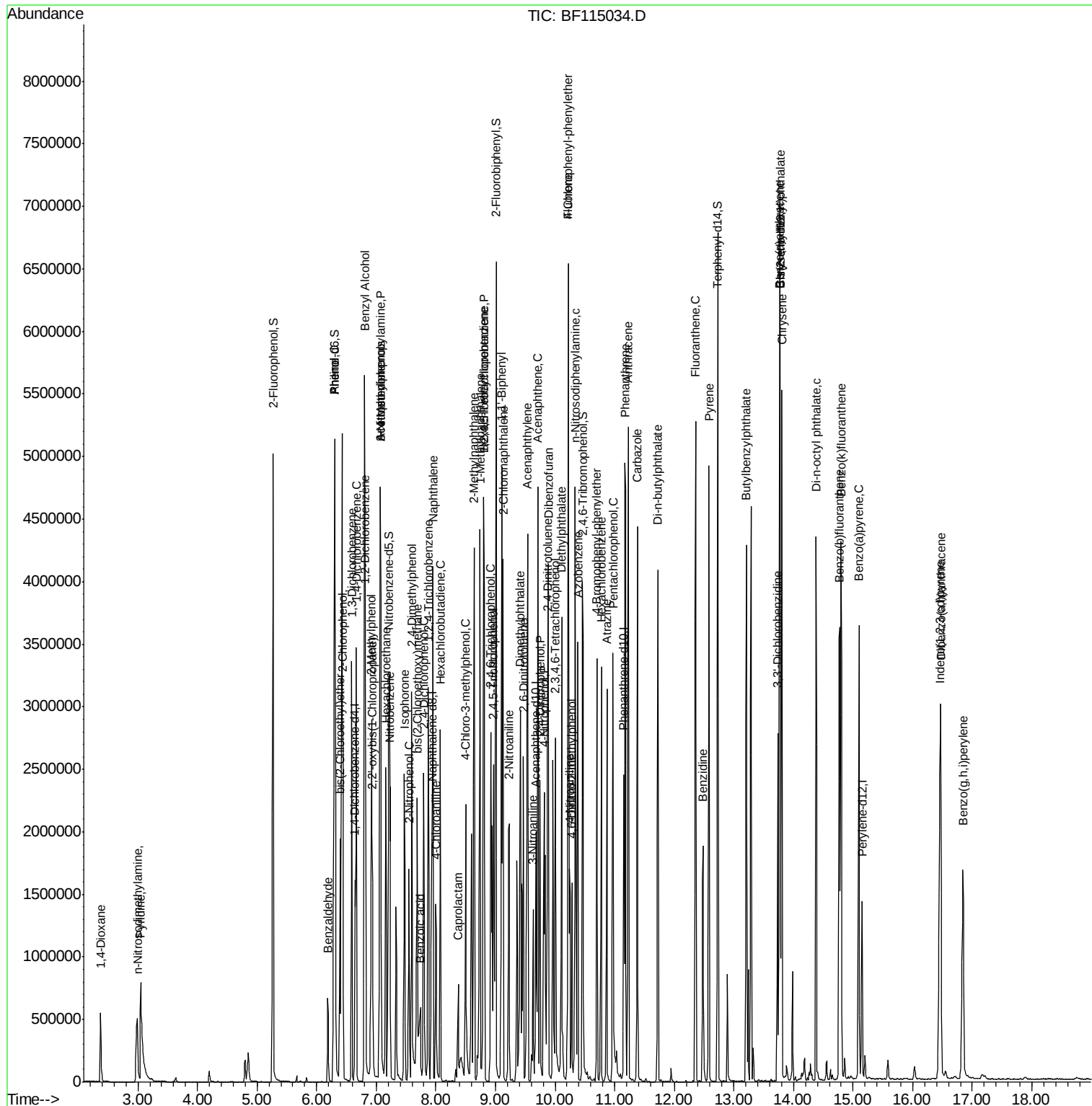
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.80	237	605710	88.484	nq	99
43) 2,4,6-Trichlorophenol	8.92	196	439507	42.358	nq	99
44) 2,4,5-Trichlorophenol	8.97	196	481433	45.912	nq	97
46) 1,1'-Biphenyl	9.10	154	1679426	44.570	nq	99
47) 2-Chloronaphthalene	9.13	162	1346702	44.197	nq	100
48) 2-Nitroaniline	9.22	65	380935	42.297	nq	97
49) Acenaphthylene	9.54	152	2089564	44.602	nq	99
50) Dimethylphthalate	9.42	163	1544185	43.668	nq	99
51) 2,6-Dinitrotoluene	9.47	165	364597	45.453	nq	89
52) Acenaphthene	9.71	154	1208310	45.081	nq	99
53) 3-Nitroaniline	9.63	138	259220	26.376	nq	98
54) 2,4-Dinitrophenol	9.75	184	363208	93.351	nq	94
55) Dibenzofuran	9.89	168	1765727	43.710	nq	99
56) 4-Nitrophenol	9.82	139	582443	85.939	nq	92
57) 2,4-Dinitrotoluene	9.87	165	474954	46.520	nq	93
58) Fluorene	10.23	166	1291815	48.508	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.00	232	429006	50.650	nq	96
60) Diethylphthalate	10.11	149	1485550	43.935	nq	99
61) 4-Chlorophenyl-phenylether	10.22	204	621707	46.908	nq	98
62) 4-Nitroaniline	10.25	138	404262	40.911	nq	99
63) Azobenzene	10.38	77	1312281	44.363	nq	97
65) 4,6-Dinitro-2-methylphenol	10.28	198	229142	44.597	nq	91
66) n-Nitrosodiphenylamine	10.34	169	1238607	45.201	nq	100
67) 4-Bromophenyl-phenylether	10.70	248	425391	43.218	nq	95
68) Hexachlorobenzene	10.77	284	463630	42.785	nq	93
69) Atrazine	10.87	200	392518	44.428	nq	100
70) Pentachlorophenol	10.97	266	530304	90.112	nq	99
71) Phenanthrene	11.18	178	2034375	42.982	nq	98
72) Anthracene	11.23	178	2134747	44.707	nq	100
73) Carbazole	11.39	167	1916490	45.984	nq	99
74) Di-n-butylphthalate	11.72	149	2215689	42.170	nq	100
75) Fluoranthene	12.36	202	2143290	44.284	nq	99
77) Benzidine	12.48	184	798342	33.887	nq	97
78) Pyrene	12.58	202	2160887	40.725	nq	100
80) Butylbenzylphthalate	13.21	149	1019075	41.119	nq	96
81) Benzo(a)anthracene	13.76	228	1845966	42.352	nq	99
82) 3,3'-Dichlorobenzidine	13.73	252	599084	35.851	nq	99
83) Chrysene	13.80	228	1891613	43.643	nq	99
84) Bis(2-ethylhexyl)phthalate	13.77	149	1206219	41.180	nq	99
85) Di-n-octyl phthalate	14.38	149	2222000	44.052	nq	100
86) Indeno(1,2,3-cd)pyrene	16.46	276	1622996	42.629	nq	100
88) Benzo(b)fluoranthene	14.77	252	1996410	52.273	nq	99
89) Benzo(k)fluoranthene	14.80	252	1602811m	47.813	nq	
90) Benzo(a)pyrene	15.10	252	1702557	51.662	nq	99
91) Dibenzo(a,h)anthracene	16.47	278	1348675	47.520	nq	98
92) Benzo(g,h,i)perylene	16.84	276	1355116	46.818	nq	100

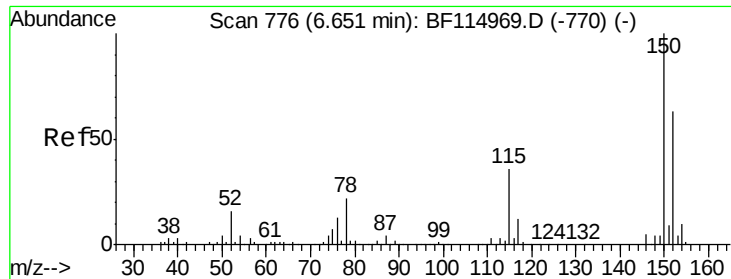
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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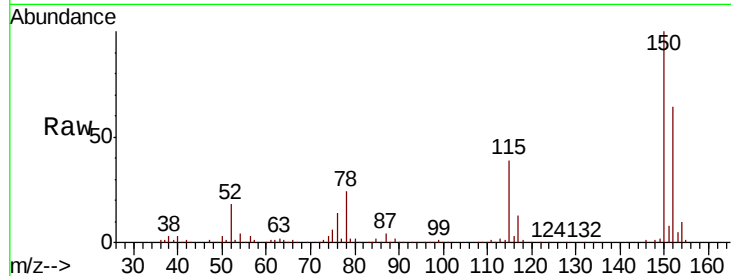


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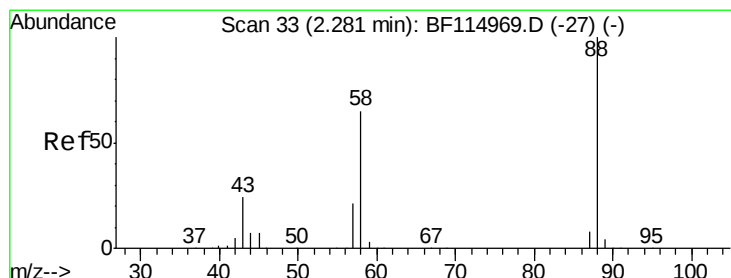
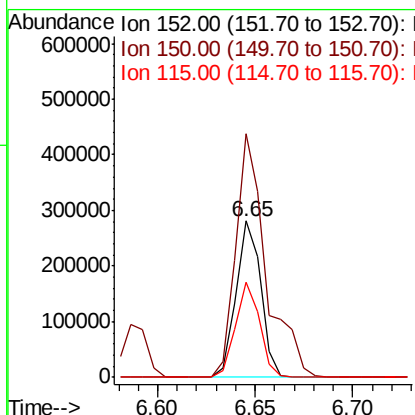
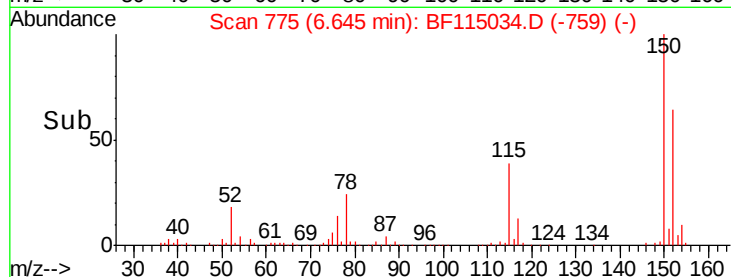
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.65 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF115034.D
 Acq: 14 Jun 2019 12:44

Instrument :
 BNA_F
 ClientSampleId :
 PB120572BS

Tot Ion:152 Resp: 247893
 Ion Ratio Lower Upper
 152 100
 150 155.9 127.4 191.0
 115 61.1 46.0 69.0



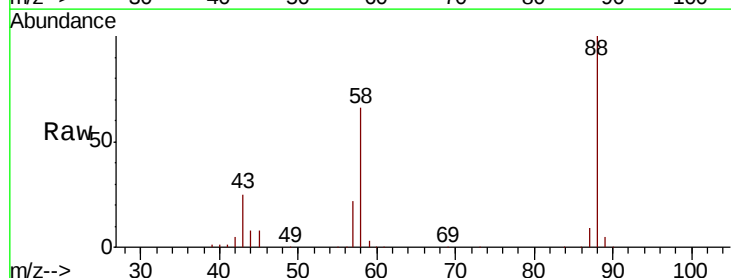
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



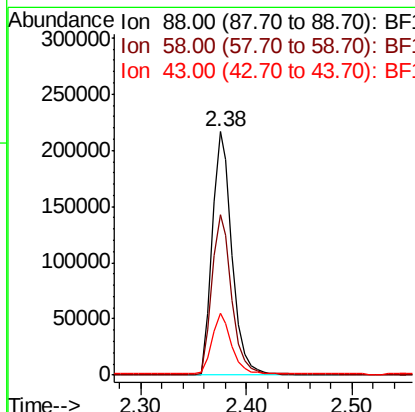
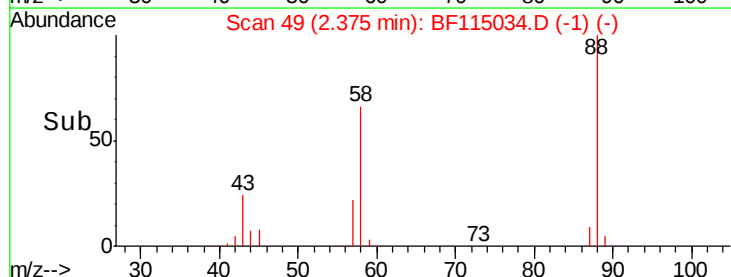
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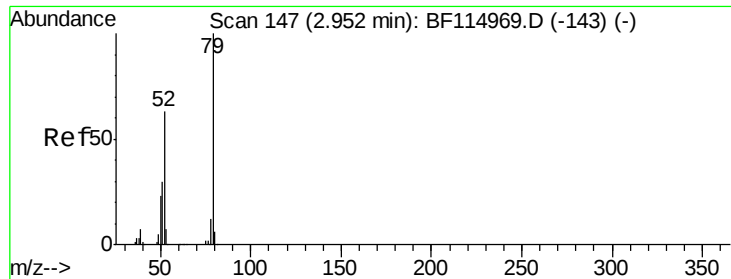
1,4-Dioxane
 Concen: 41.342 ng
 RT: 2.38 min Scan# 49
 Delta R.T. 0.09 min
 Lab File: BF115034.D
 Acq: 14 Jun 2019 12:44

Tgt Ion: 88 Resp: 287292
 Ion Ratio Lower Upper
 88 100
 58 66.7 53.4 80.2
 43 24.5 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

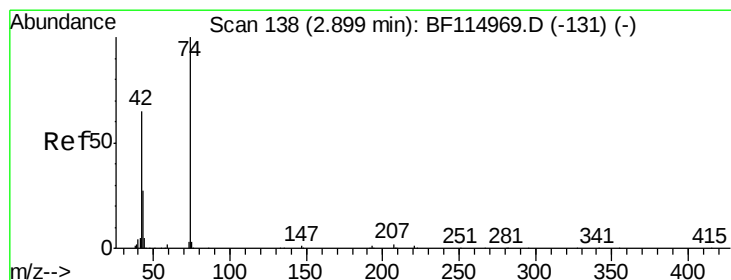
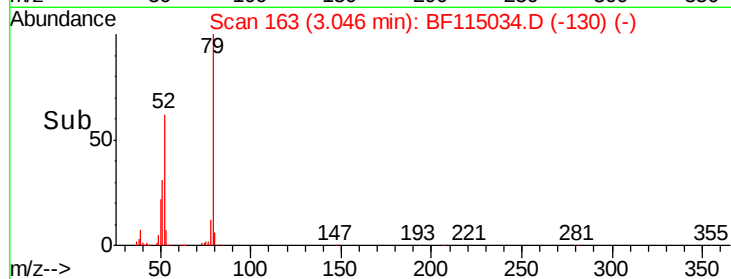
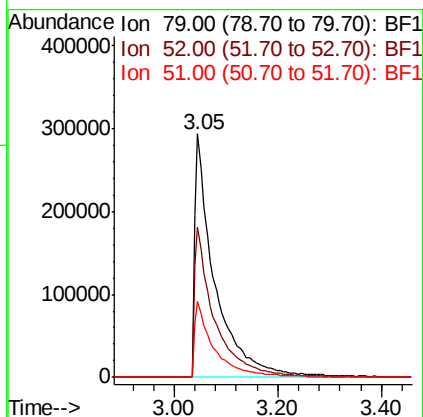
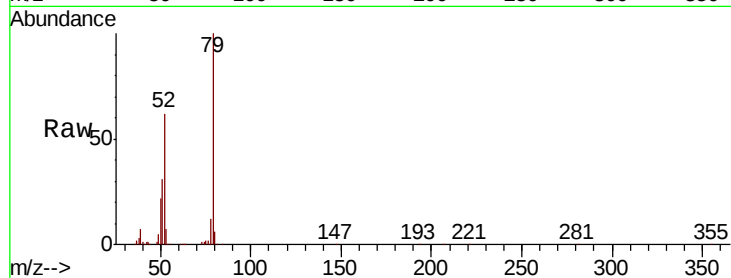




#3
 Pvridine
 Concen: 40.007 ng
 RT: 3.05 min Scan# 163
 Delta R.T. 0.09 min
 Lab File: BF115034.D
 Acq: 14 Jun 2019 12:44

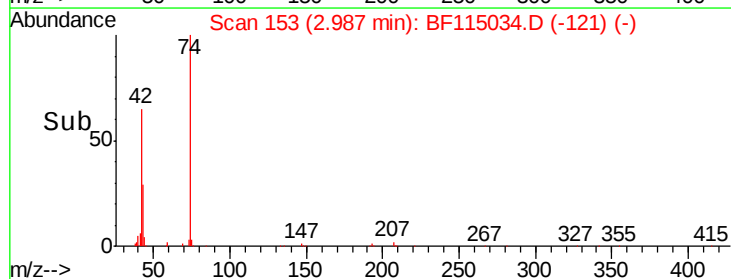
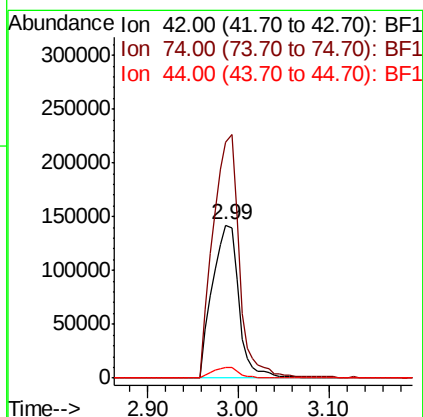
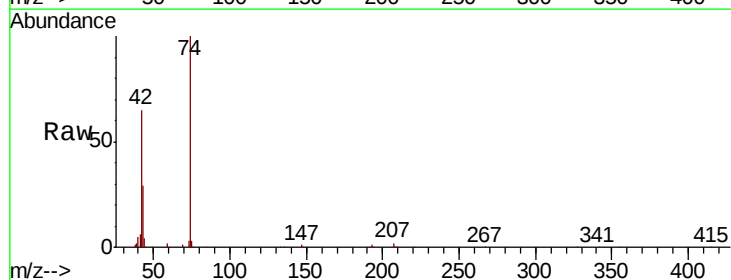
Instrument :
 BNA_F
 ClientSampleId :
 PB120572BS

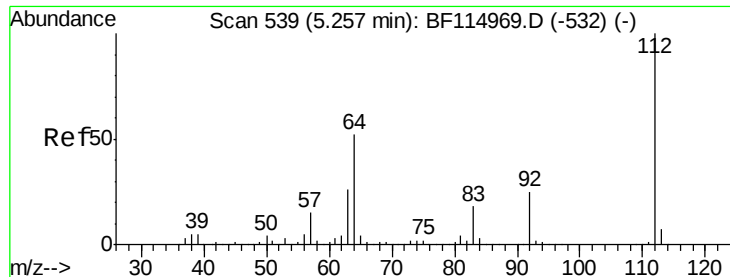
Tot Ion: 79 Resp: 782714
 Ion Ratio Lower Upper
 79 100
 52 61.9 50.3 75.5
 51 31.0 24.4 36.6



#4
 n-Nitrosodimethylamine
 Concen: 41.630 ng
 RT: 2.99 min Scan# 153
 Delta R.T. 0.09 min
 Lab File: BF115034.D
 Acq: 14 Jun 2019 12:44

Tgt Ion: 42 Resp: 289160
 Ion Ratio Lower Upper
 42 100
 74 154.0 122.2 183.2
 44 6.7 5.8 8.8





#5

2-Fluorophenol

Concen: 112.867 ng

RT: 5.27 min Scan# 541

Delta R.T. 0.01 min

Lab File: BF115034.D

Acq: 14 Jun 2019 12:44

Instrument :

BNA_F

ClientSampleId :

PB120572BS

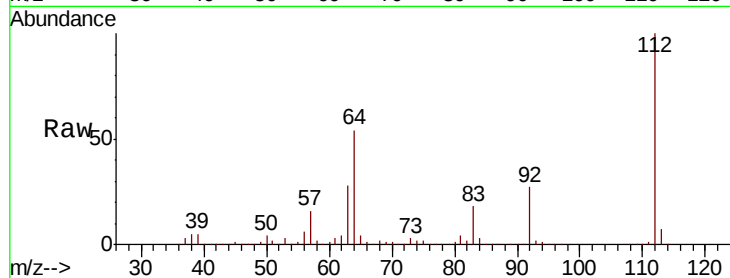
Tot Ion:112 Resp: 1675599

Ion Ratio Lower Upper

112 100

64 54.1 41.6 62.4

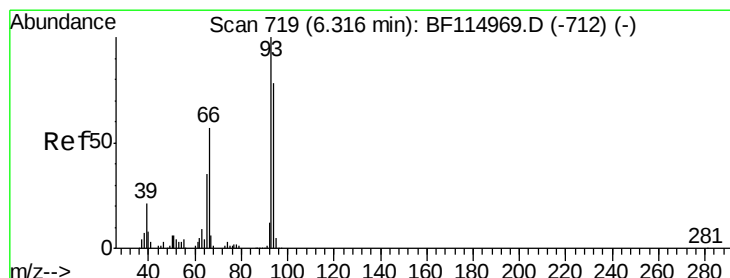
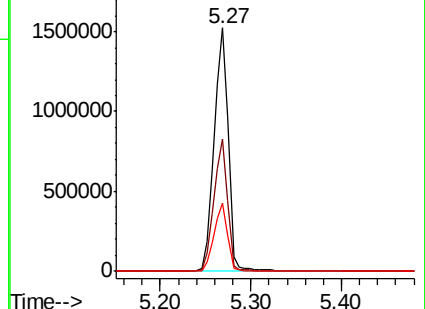
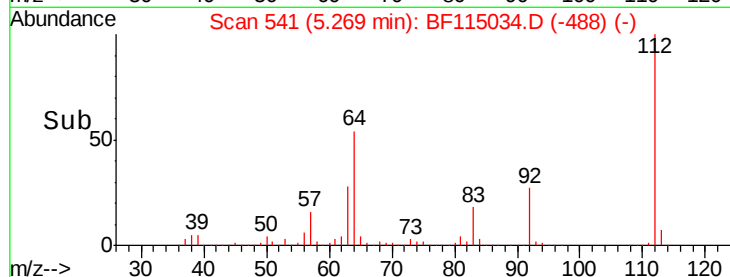
63 28.3 20.9 31.3



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: 26.263 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF115034.D

Acq: 14 Jun 2019 12:44

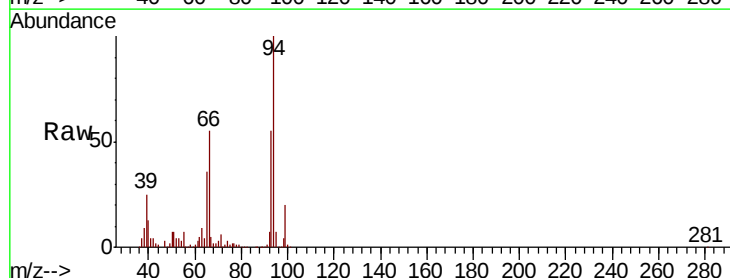
Tgt Ion: 93 Resp: 629853

Ion Ratio Lower Upper

93 100

66 100.5 46.2 69.2#

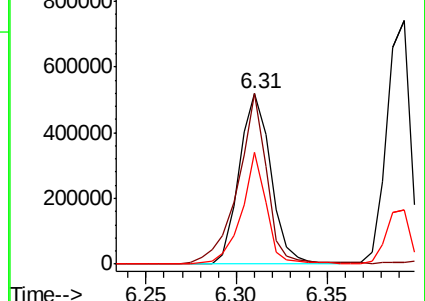
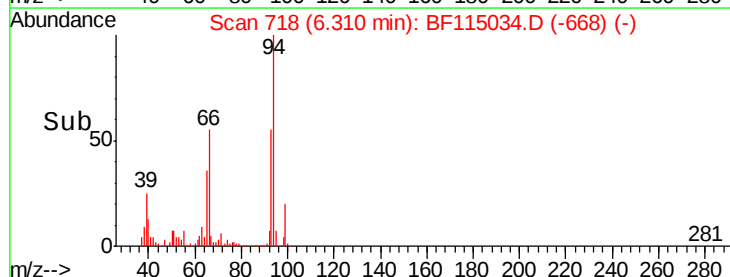
65 65.9 27.7 41.5#

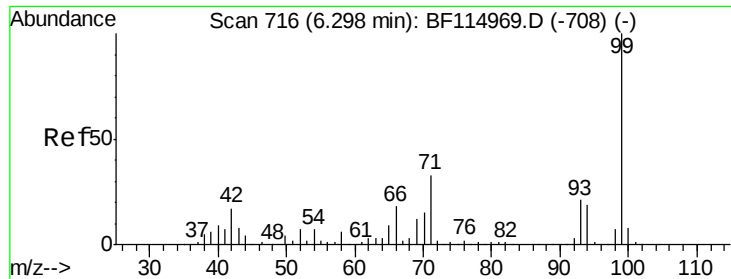


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 113.227 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF115034.D

Acq: 14 Jun 2019 12:44

Instrument :

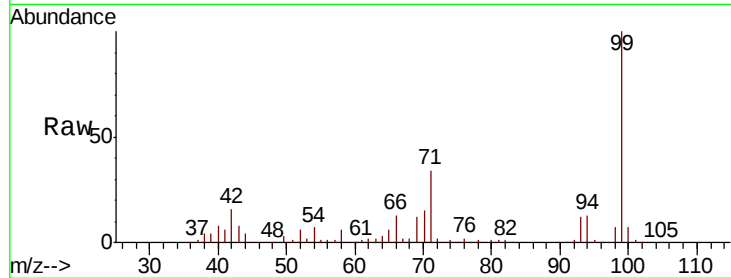
BNA_F

ClientSampleId :

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Tot Ion: 99 Resp: 2027696

Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.4	20.2
71	33.8	26.4	39.6

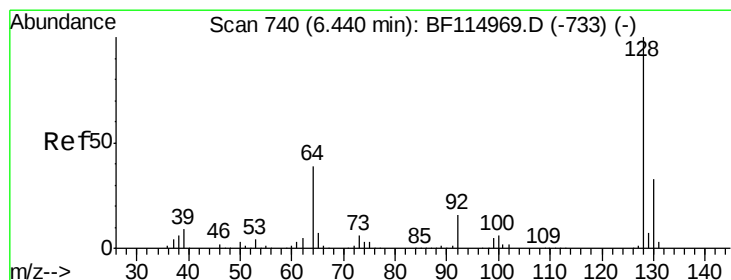
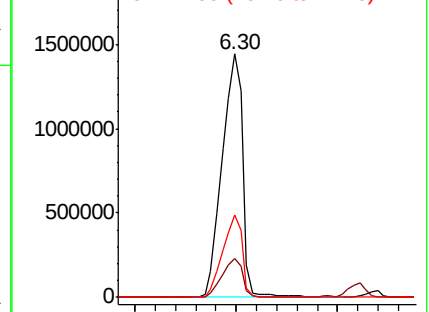
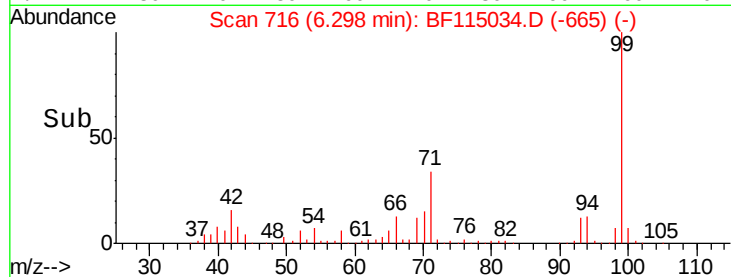


Abundance

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: 43.799 ng

RT: 6.44 min Scan# 740

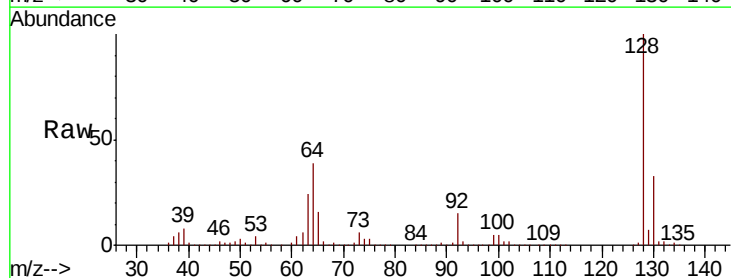
Delta R.T. -0.00 min

Lab File: BF115034.D

Acq: 14 Jun 2019 12:44

Tgt Ion: 128 Resp: 737310

Ion	Ratio	Lower	Upper
128	100		
130	33.4	13.4	53.4
64	39.4	20.1	60.1

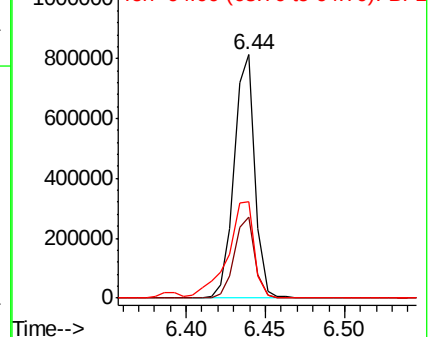
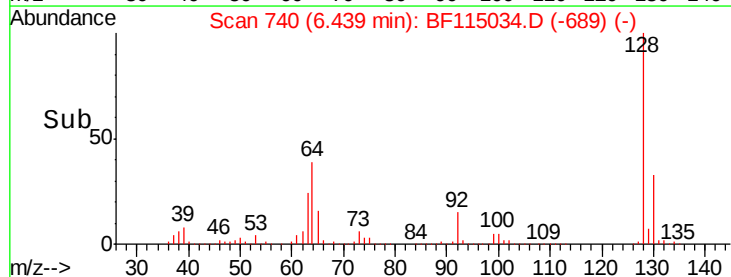


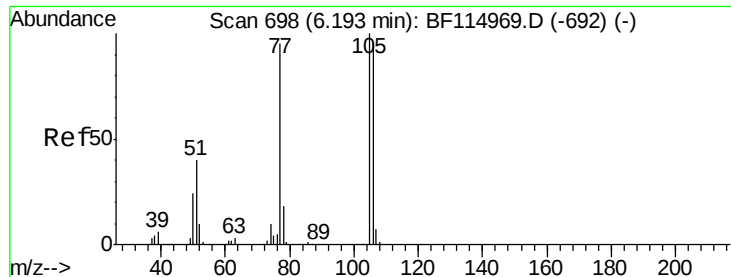
Abundance

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: 7.474 ng

RT: 6.19 min Scan# 697

Delta R.T. -0.01 min

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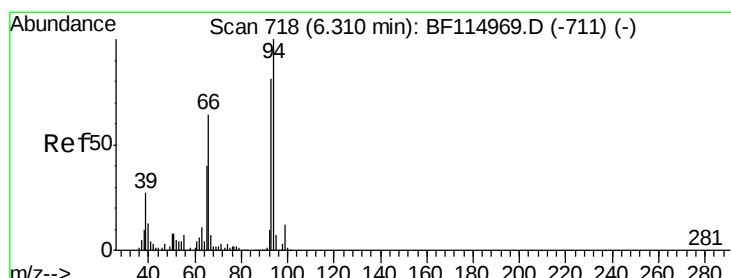
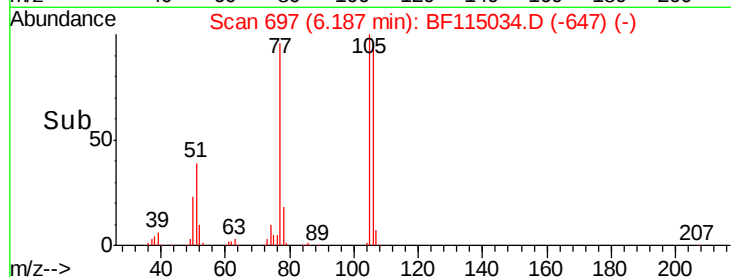
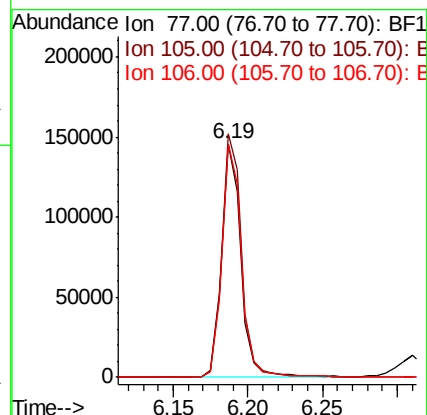
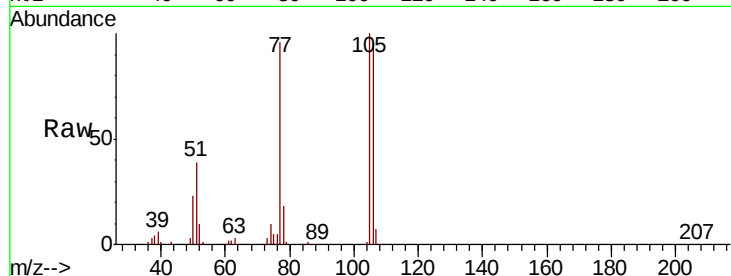
Tot Ion: 77 Resp: 132212

Ion Ratio Lower Upper

77 100

105 104.3 85.1 125.1

106 99.9 80.0 120.0



#10

Phenol

Concen: 41.212 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF115034.D

Acq: 14 Jun 2019 12:44

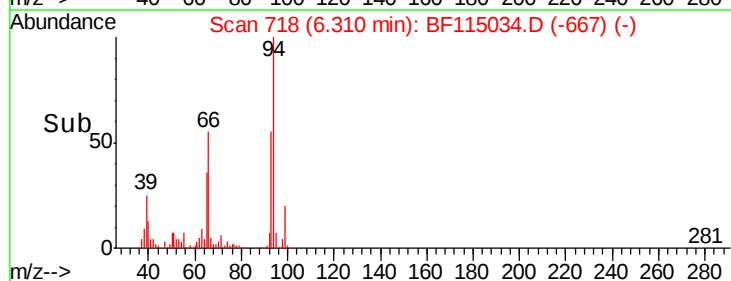
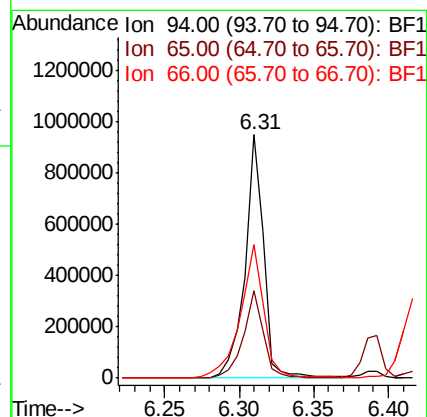
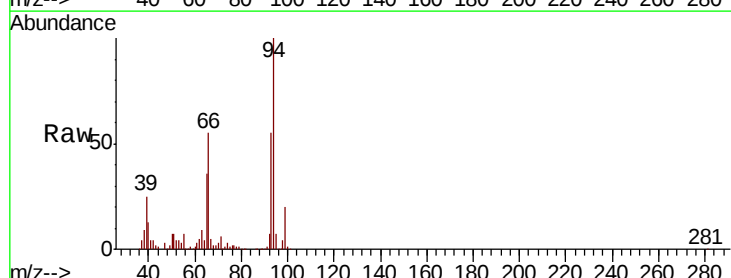
Tgt Ion: 94 Resp: 825736

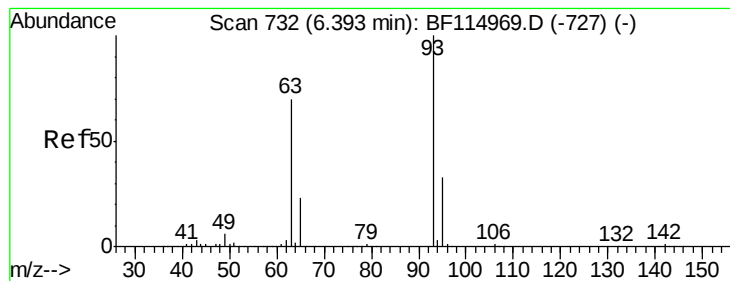
Ion Ratio Lower Upper

94 100

65 36.0 20.0 60.0

66 54.9 44.1 84.1

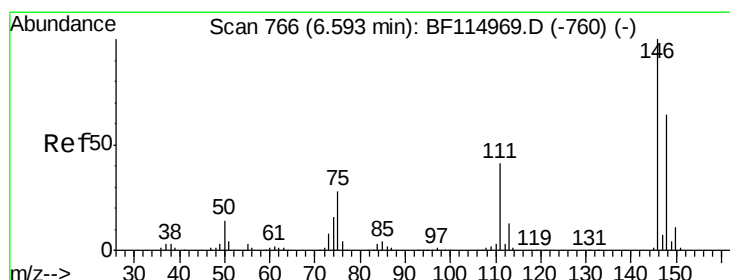
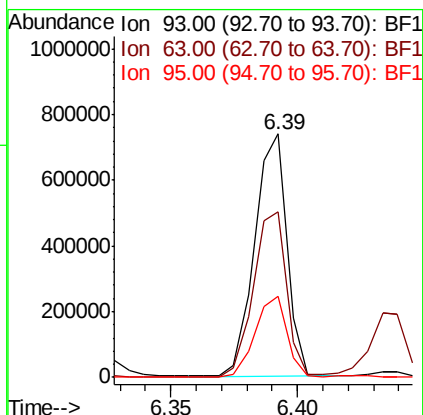
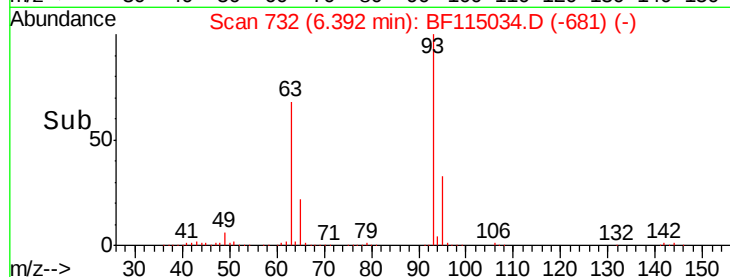
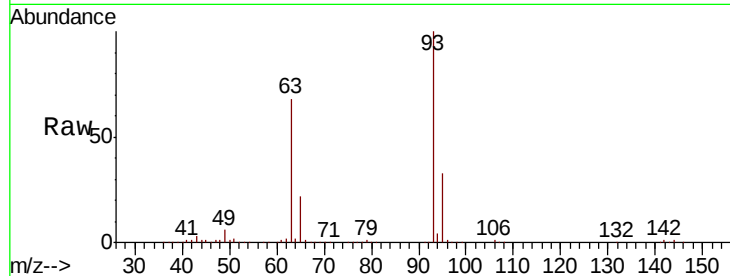




#11
bis(2-Chloroethyl)ether
Concen: 42.287 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF115034.D
Acq: 14 Jun 2019 12:44

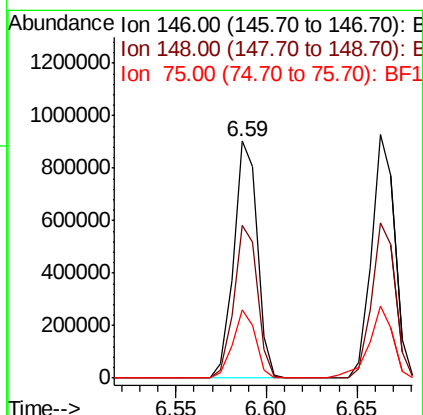
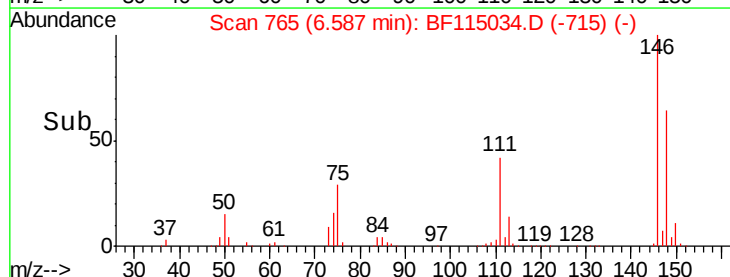
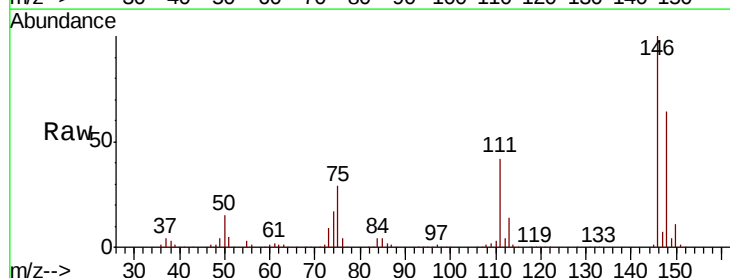
Instrument :
BNA_F
ClientSampleId :
PB120572BS

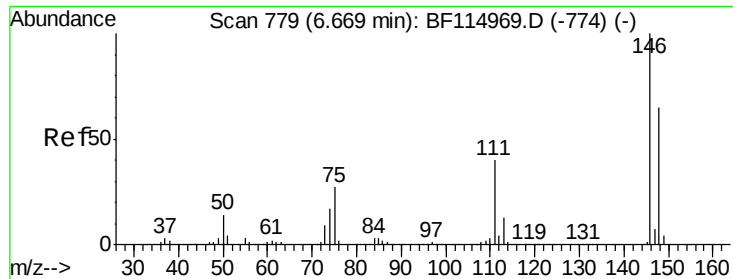
Tot Ion	Ratio	Lower	Upper
93	100		
63	68.2	49.8	89.8
95	33.4	13.3	53.3



#12
1,3-Dichlorobenzene
Concen: 41.651 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF115034.D
Acq: 14 Jun 2019 12:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.6	77.4
75	28.9	22.3	33.5

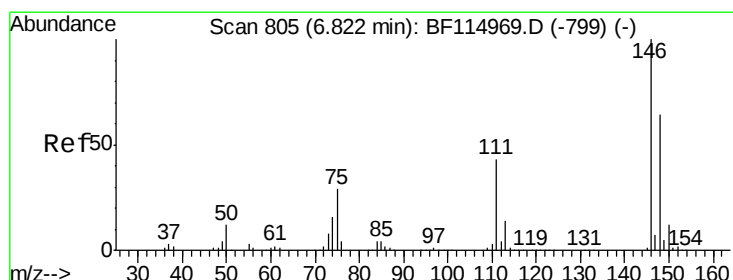
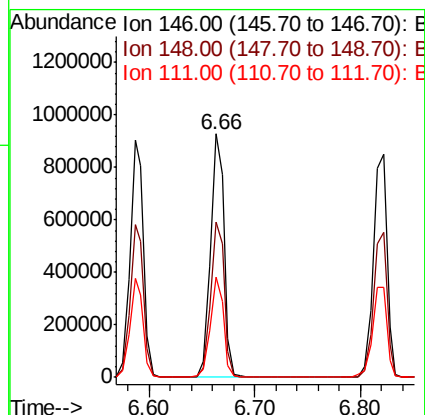
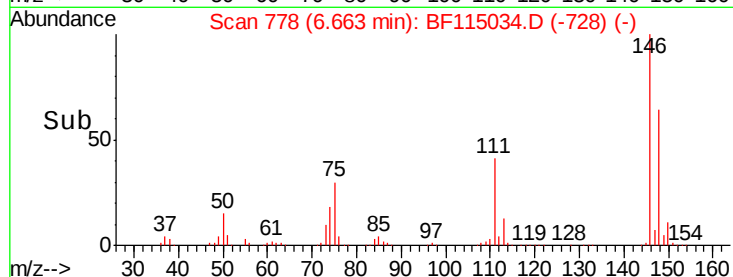
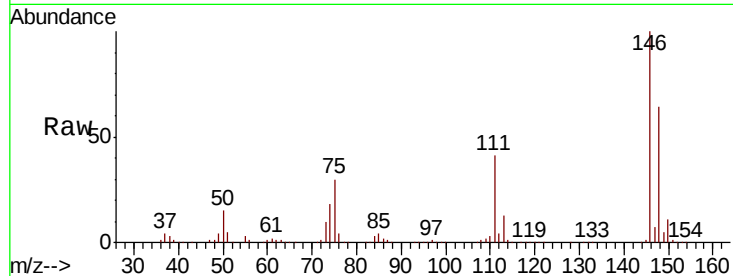




#13
 1,4-Dichlorobenzene
 Concen: 42.274 ng
 RT: 6.66 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BF115034.D
 Acq: 14 Jun 2019 12:44

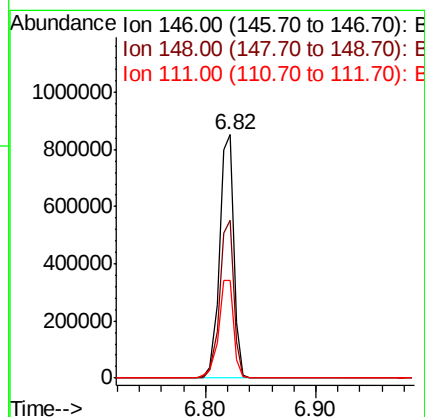
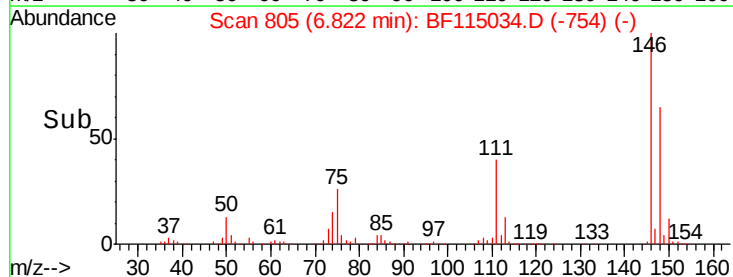
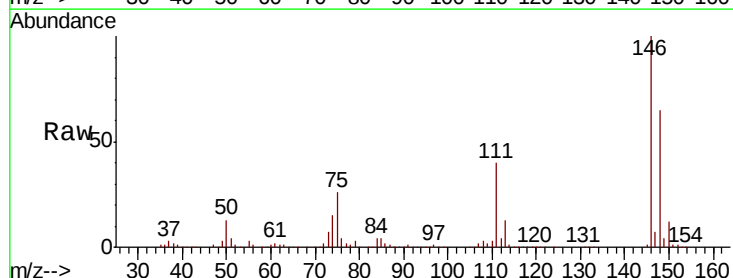
Instrument :
 BNA_F
 ClientSampleId :
 PB120572BS

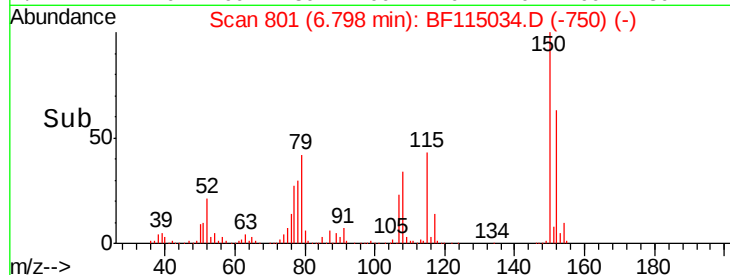
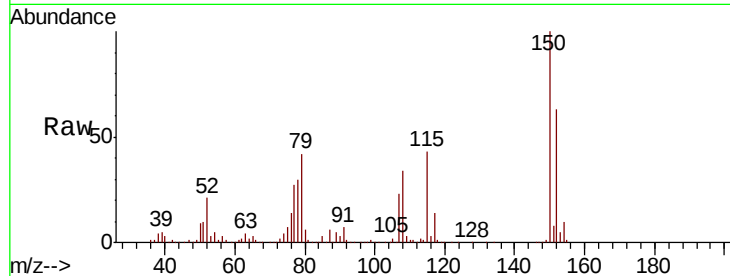
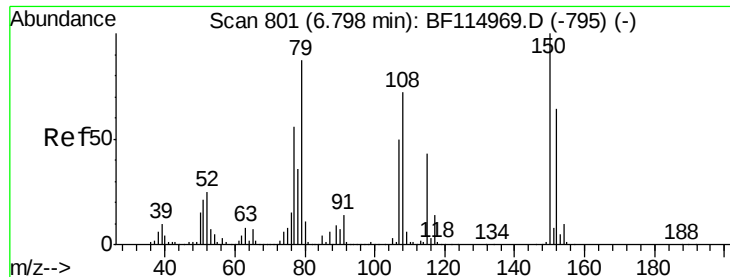
Tot Ion:146 Resp: 835651
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.2 78.2
 111 41.3 32.4 48.6



#14
 1,2-Dichlorobenzene
 Concen: 41.077 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF115034.D
 Acq: 14 Jun 2019 12:44

Tgt Ion:146 Resp: 764452
 Ion Ratio Lower Upper
 146 100
 148 65.1 51.5 77.3
 111 40.3 34.6 51.8





#15

Benzyl Alcohol

Concen: 34.285 ng

RT: 6.80 min Scan# 801

Delta R.T. -0.00 min

Lab File: BF115034.D

Acq: 14 Jun 2019 12:44

Instrument :

BNA_F

ClientSampleId :

PB120572BS

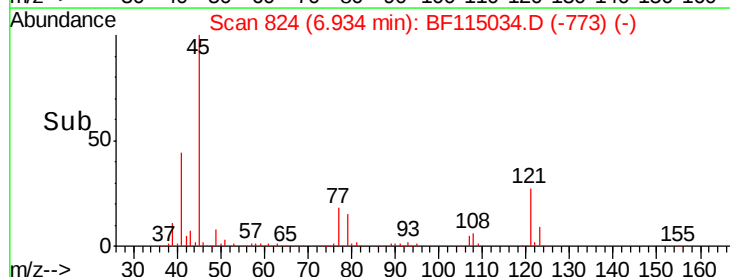
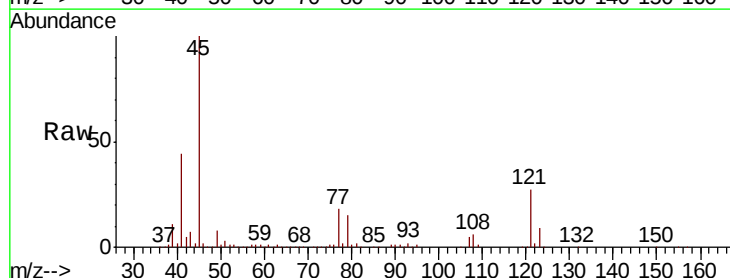
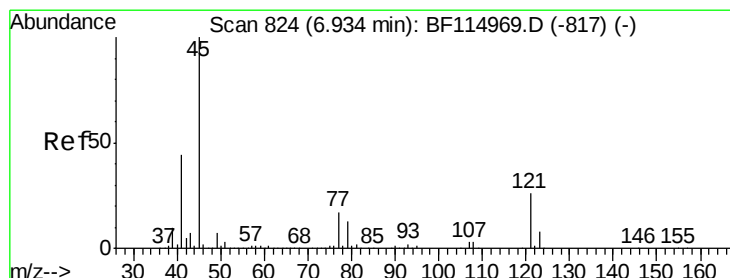
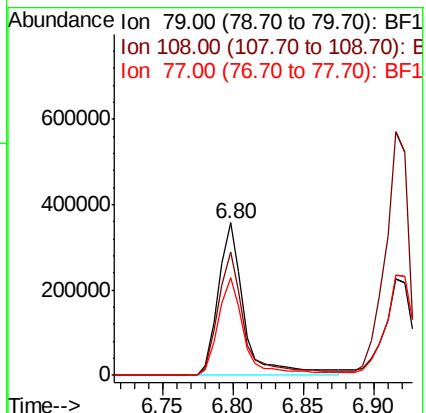
Tot Ion: 79 Resp: 460023

Ion Ratio Lower Upper

79 100

108 81.2 66.0 99.0

77 64.5 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.092 ng

RT: 6.93 min Scan# 824

Delta R.T. -0.00 min

Lab File: BF115034.D

Acq: 14 Jun 2019 12:44

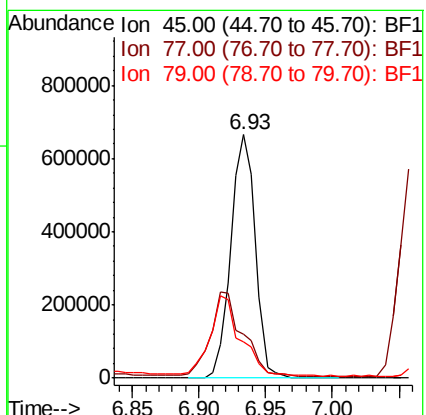
Tgt Ion: 45 Resp: 855287

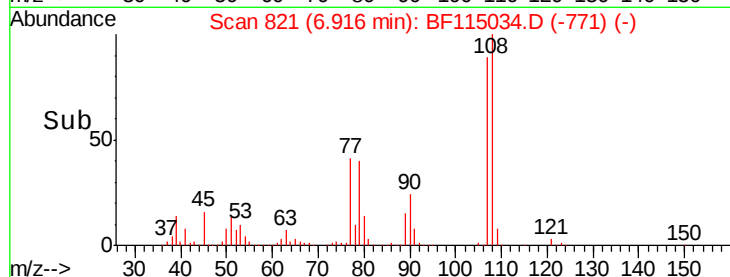
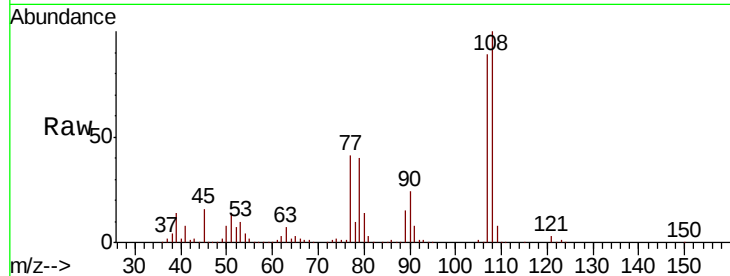
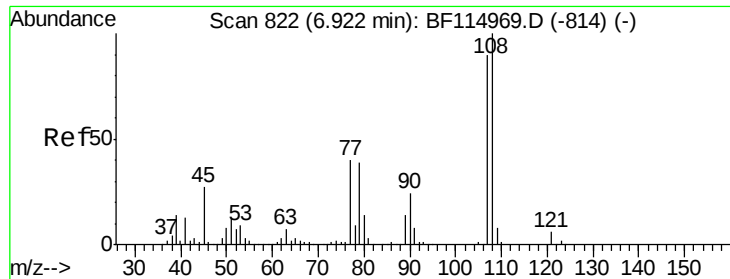
Ion Ratio Lower Upper

45 100

77 18.2 0.0 37.0

79 15.0 0.0 33.1

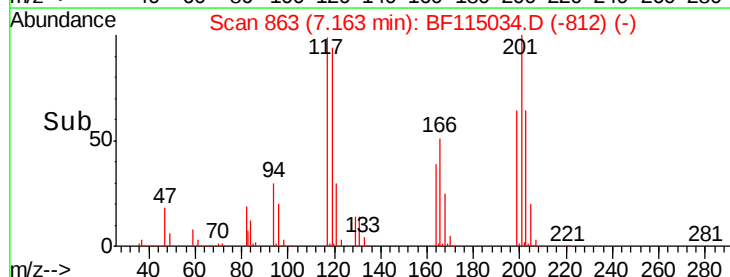
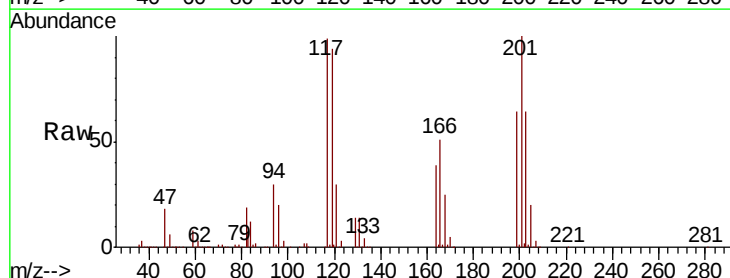
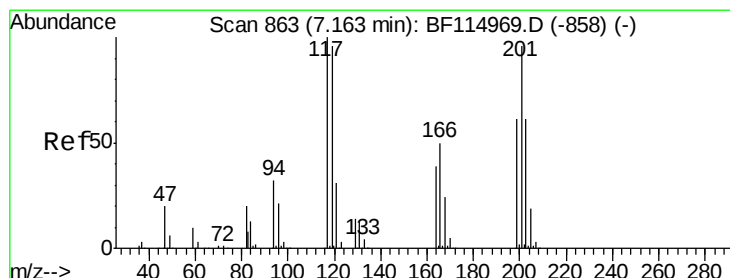
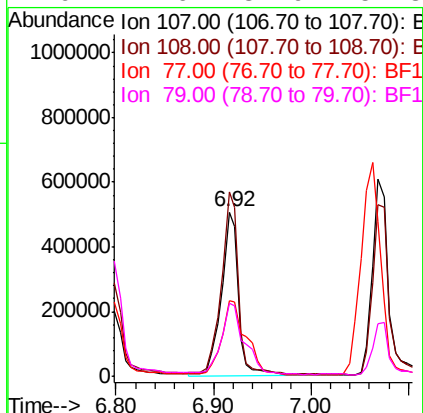




#17
2-Methylphenol
Concen: 44.321 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF115034.D
Acq: 14 Jun 2019 12:44

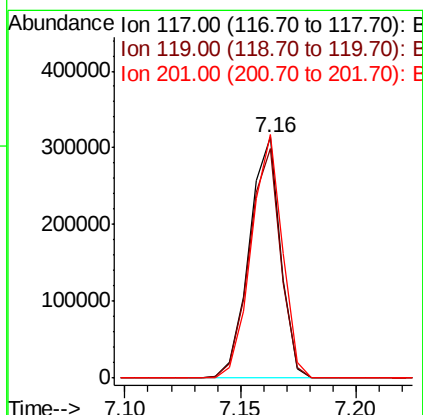
Instrument :
BNA_F
ClientSampleId :
PB120572BS

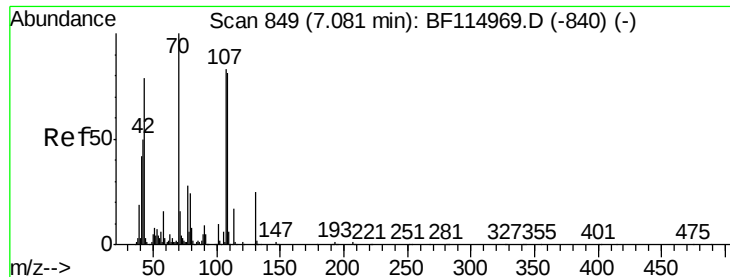
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.3	89.3	133.9
77	46.4	35.4	53.2
79	44.6	34.9	52.3



#18
Hexachloroethane
Concen: 41.380 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF115034.D
Acq: 14 Jun 2019 12:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	77.0	115.4
201	101.2	76.6	115.0

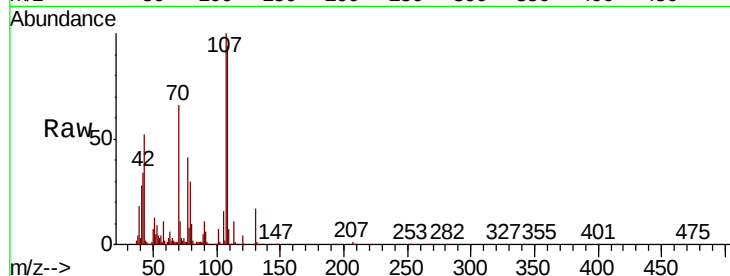




#19
n-Nitroso-di-n-propylamine
Concen: 41.517 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF115034.D
Acq: 14 Jun 2019 12:44

Instrument :
BNA_F
ClientSampleId :
PB120572BS

Tot Ion:	70	Resp:	451728
Ion	Ratio	Lower	Upper
70	100		
42	51.7	40.3	60.5
101	10.6	8.2	12.4
130	25.4	20.3	30.5



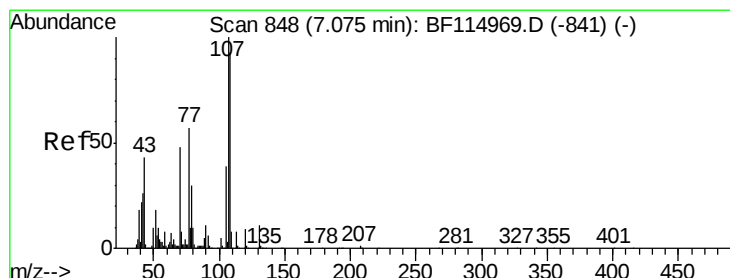
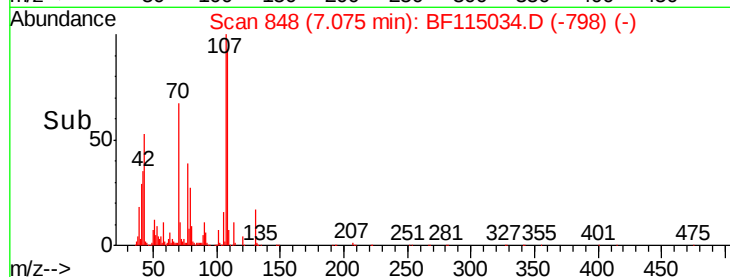
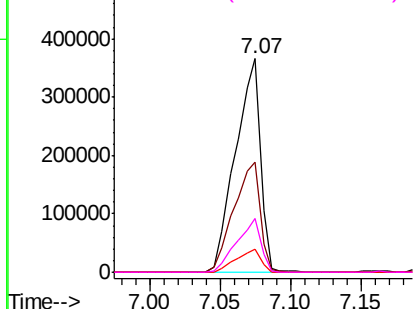
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

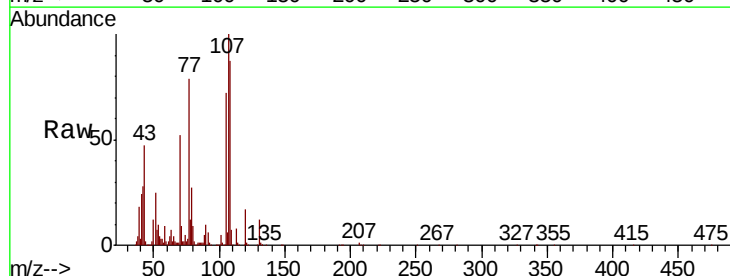
Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 43.489 ng m
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF115034.D
Acq: 14 Jun 2019 12:44

Tgt Ion:	107	Resp:	726741
Ion	Ratio	Lower	Upper
107	100		
108	87.0	73.1	113.1
77	78.8	37.3	77.3#
79	26.8	9.6	49.6



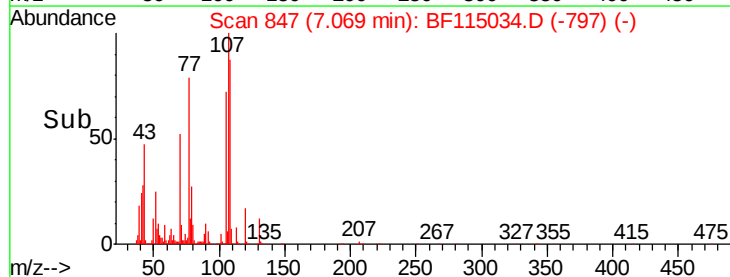
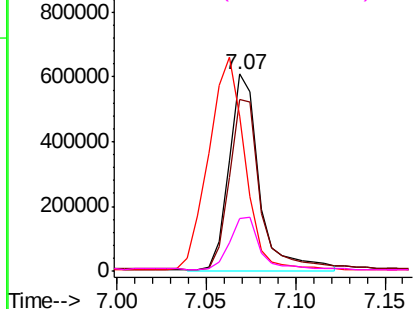
Abundance

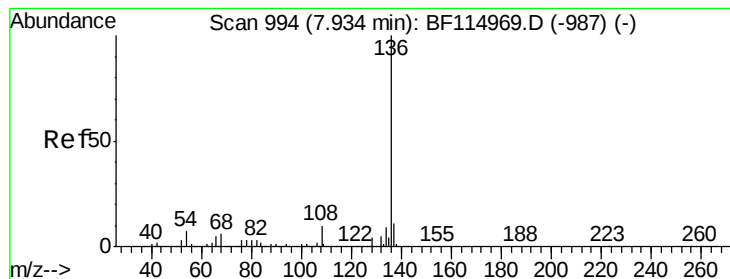
Ion 107.00 (106.70 to 107.70): E

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: BF115034.D

Acq: 14 Jun 2019 12:44

Instrument :

BNA_F

ClientSampleId :

PB120572BS

Tot Ion:136 Resp: 963286

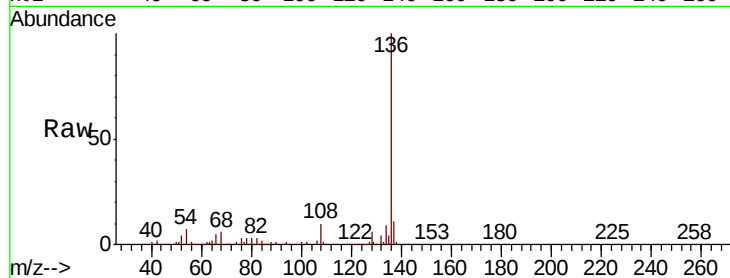
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 6.9 5.4 8.0

68 5.8 4.6 7.0

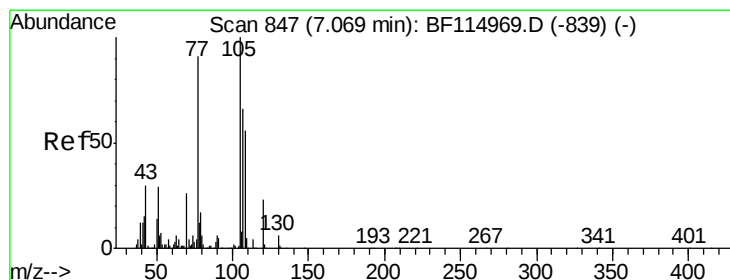
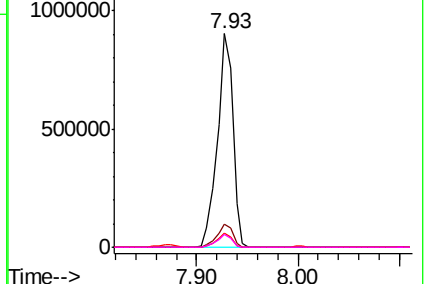
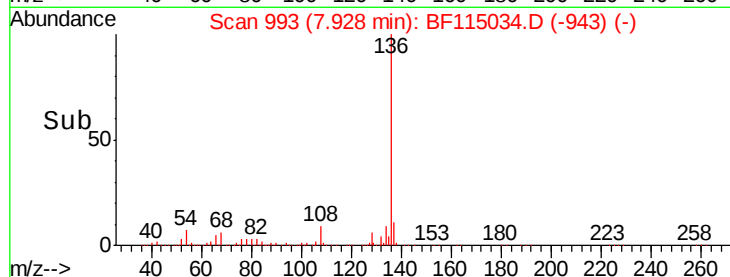


Abundance Ion 136.00 (135.70 to 136.70): E

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: 45.951 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF115034.D

Acq: 14 Jun 2019 12:44

Tgt Ion:105 Resp: 1001987

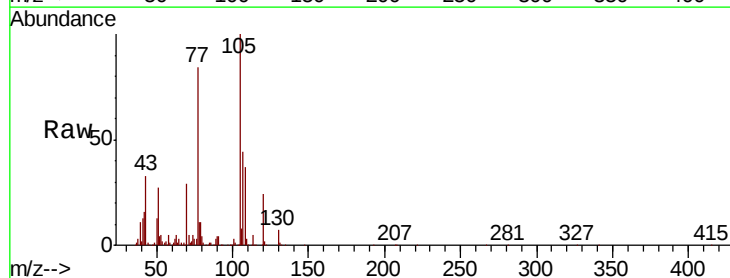
Ion Ratio Lower Upper

105 100

71 5.0 3.4 5.2

51 26.6 23.3 34.9

120 23.6 18.8 28.2

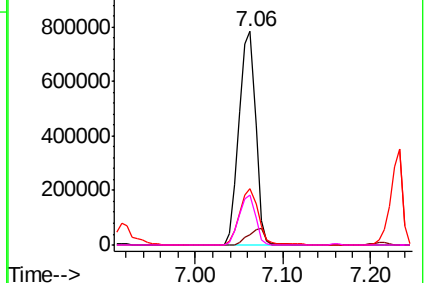
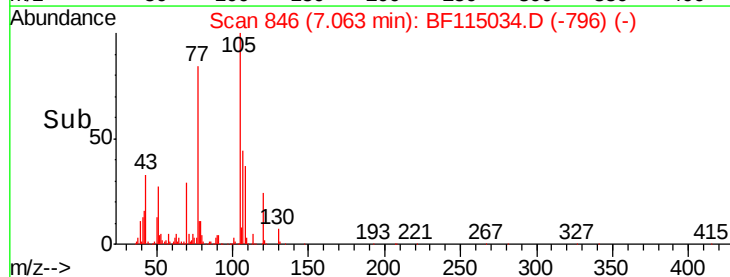


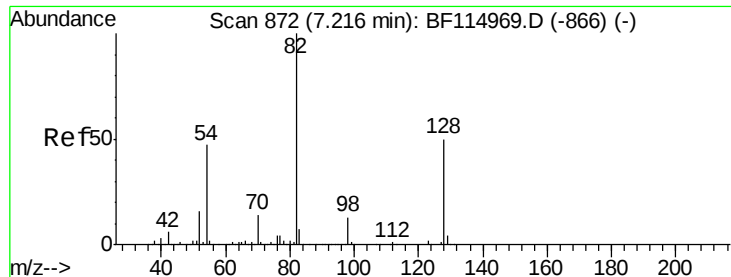
Abundance Ion 105.00 (104.70 to 105.70): E

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

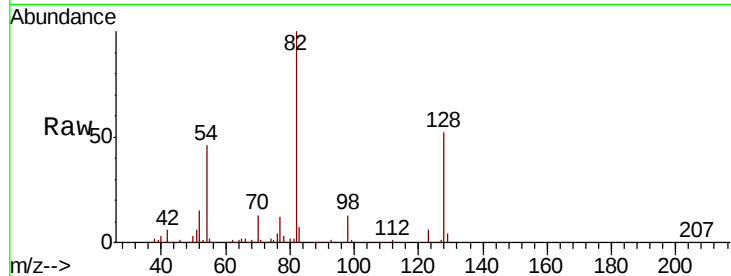




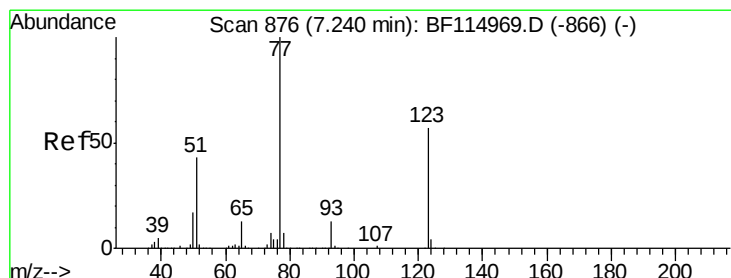
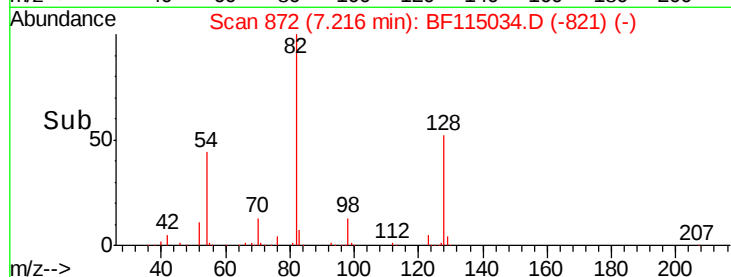
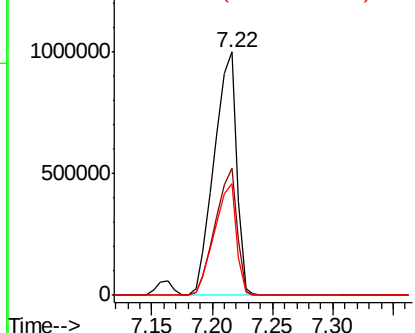
#23
 Nitrobenzene-d5
 Concen: 79.580 ng
 RT: 7.22 min Scan# 872
 Delta R.T. -0.00 min
 Lab File: BF115034.D
 Acq: 14 Jun 2019 12:44

Instrument :
 BNA_F
 ClientSampleId :
 PB120572BS

Tot Ion: 82 Resp: 1273563
 Ion Ratio Lower Upper
 82 100
 128 52.3 39.9 59.9
 54 45.7 37.3 55.9

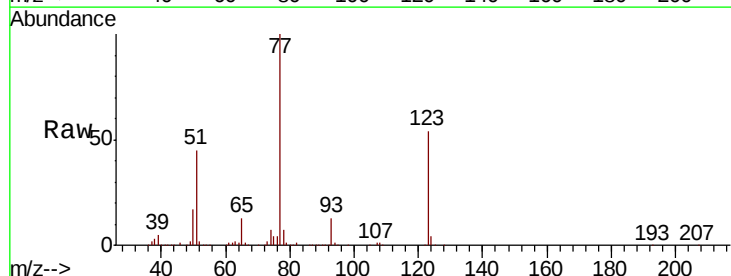


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

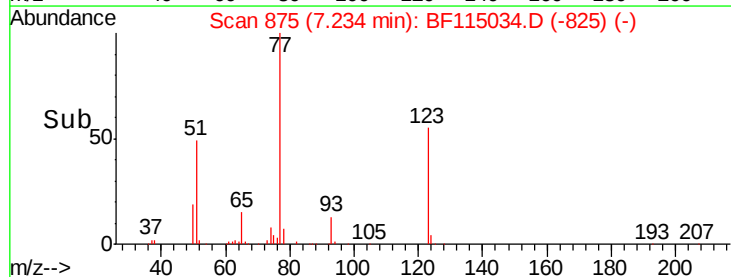
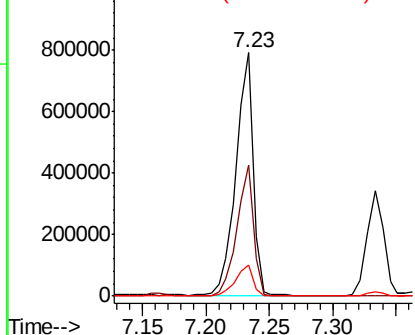


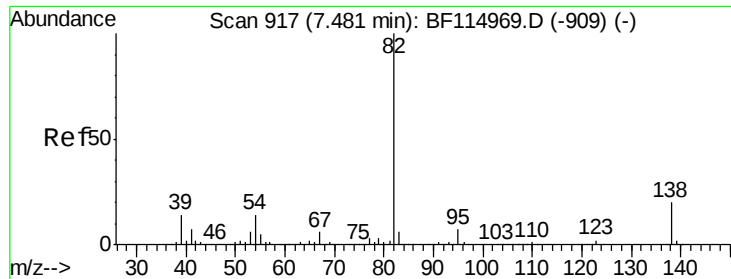
#24
 Nitrobenzene
 Concen: 45.256 ng
 RT: 7.23 min Scan# 875
 Delta R.T. -0.01 min
 Lab File: BF115034.D
 Acq: 14 Jun 2019 12:44

Tgt Ion: 77 Resp: 736893
 Ion Ratio Lower Upper
 77 100
 123 53.9 45.5 68.3
 65 12.9 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: 44.523 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF115034.D

Acq: 14 Jun 2019 12:44

Instrument :

BNA_F

ClientSampleId :

PB120572BS

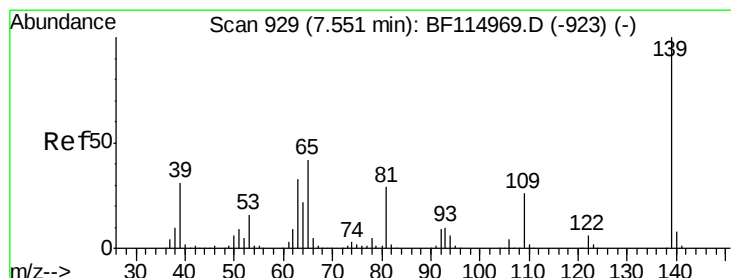
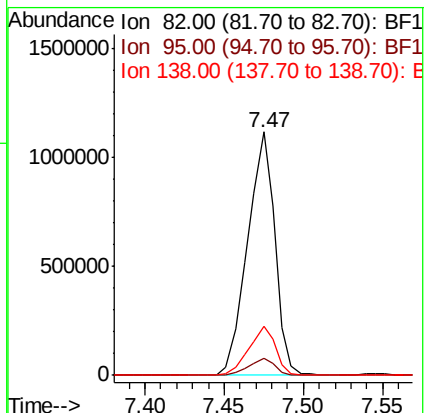
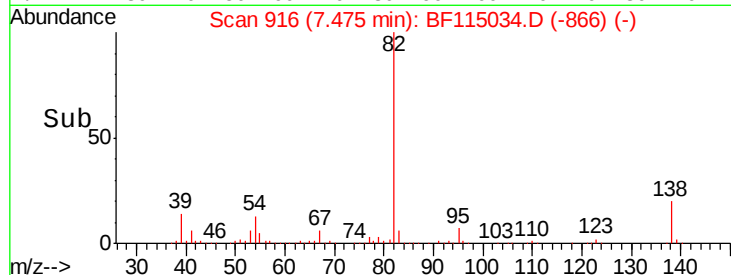
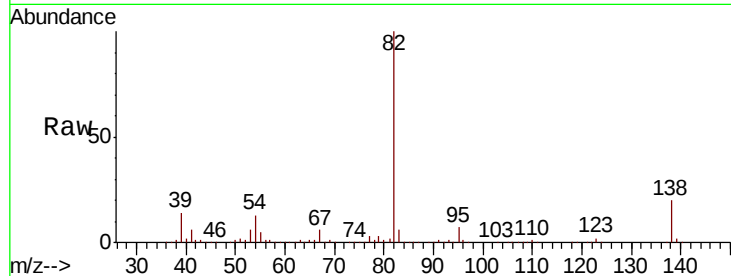
Tot Ion: 82 Resp: 1334500

Ion Ratio Lower Upper

82 100

95 7.1 5.6 8.4

138 20.0 16.1 24.1



#26

2-Nitrophenol

Concen: 46.709 ng

RT: 7.55 min Scan# 929

Delta R.T. -0.00 min

Lab File: BF115034.D

Acq: 14 Jun 2019 12:44

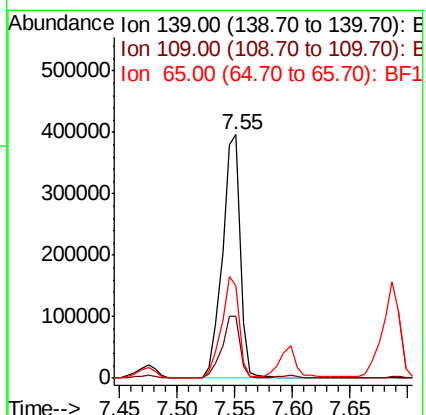
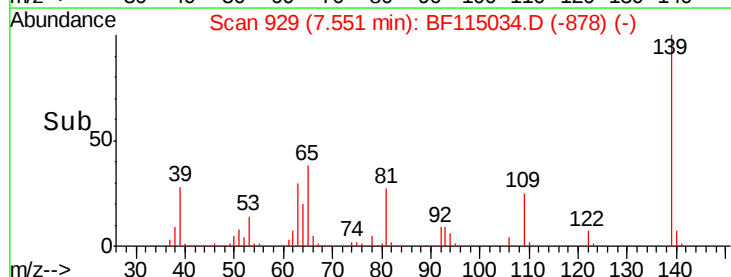
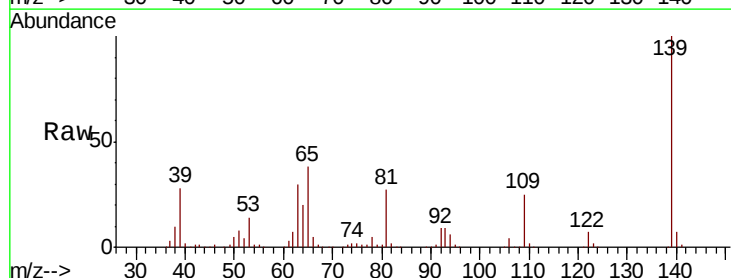
Tgt Ion: 139 Resp: 423920

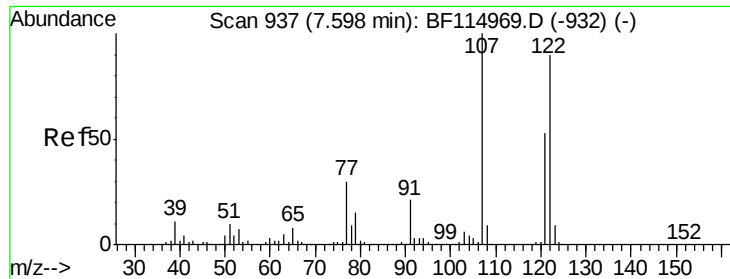
Ion Ratio Lower Upper

139 100

109 25.2 20.8 31.2

65 37.8 33.4 50.2

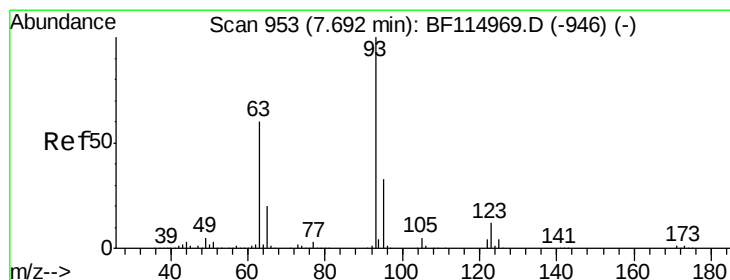
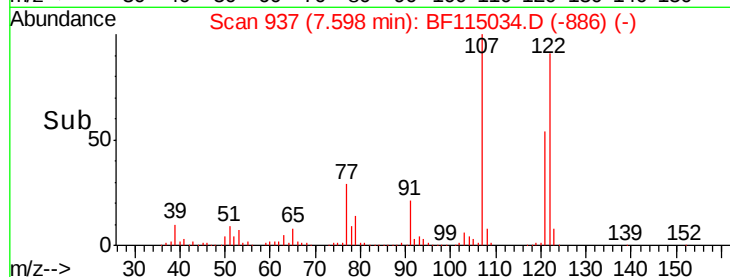
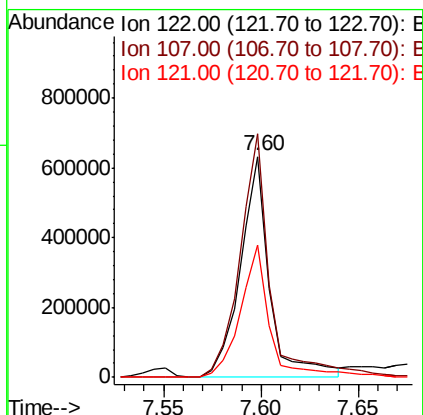
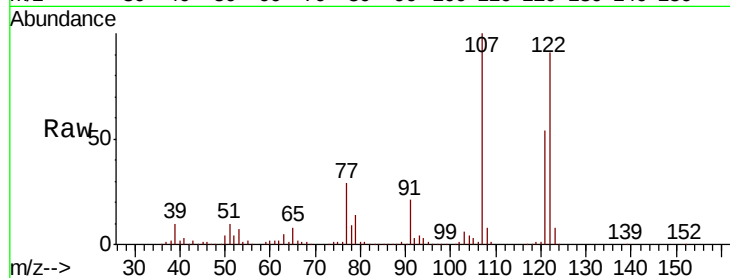




#27
 2,4-Dimethylphenol
 Concen: 50.179 ng
 RT: 7.60 min Scan# 937
 Delta R.T. -0.00 min
 Lab File: BF115034.D
 Acq: 14 Jun 2019 12:44

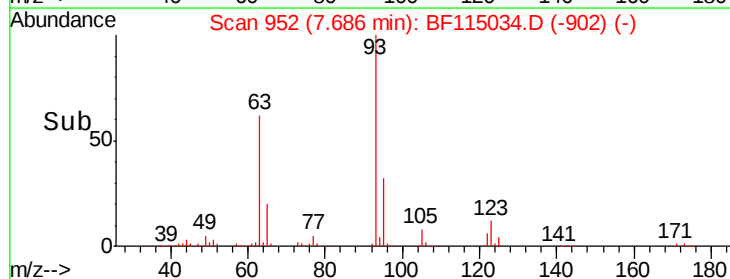
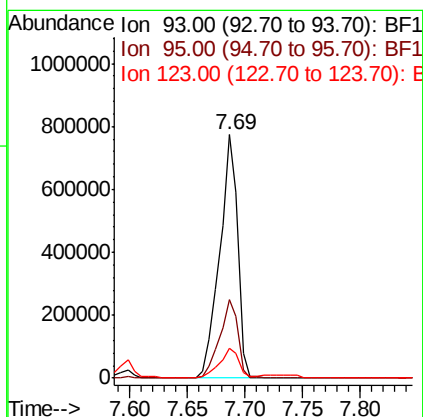
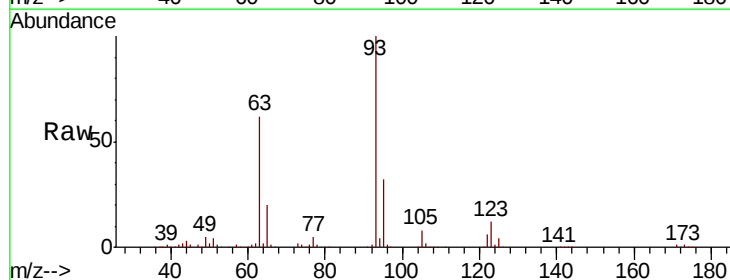
Instrument :
 BNA_F
 ClientSampleId :
 PB120572BS

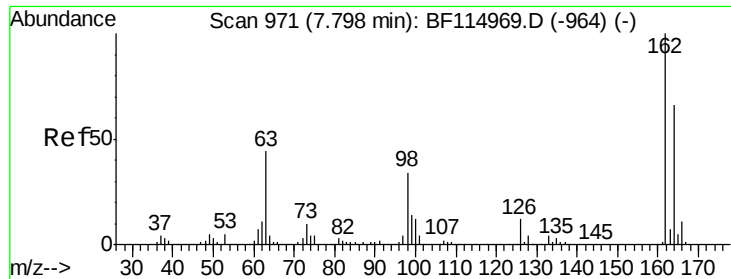
Tot Ion	Ratio	Lower	Upper
122	100		
107	110.3	88.8	133.2
121	59.7	47.4	71.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.677 ng
 RT: 7.69 min Scan# 952
 Delta R.T. -0.01 min
 Lab File: BF115034.D
 Acq: 14 Jun 2019 12:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.6	40.0
123	12.3	9.9	14.9

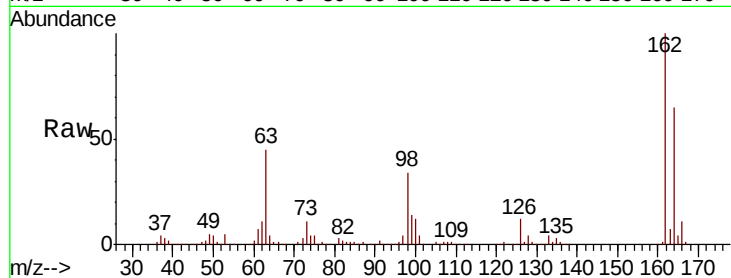




#29
2,4-Dichlorophenol
Concen: 46.782 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.00 min
Lab File: BF115034.D
Acq: 14 Jun 2019 12:44

Instrument :
BNA_F
ClientSampleId :
PB120572BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	45.7	85.7
98	33.9	14.0	54.0

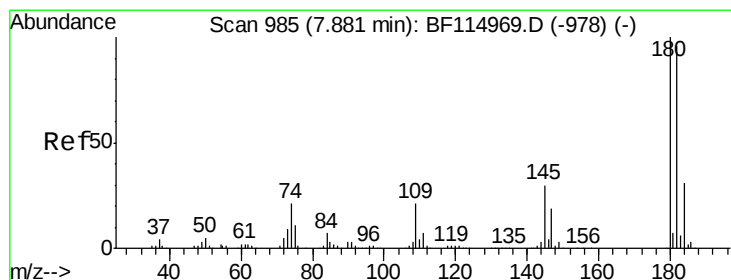
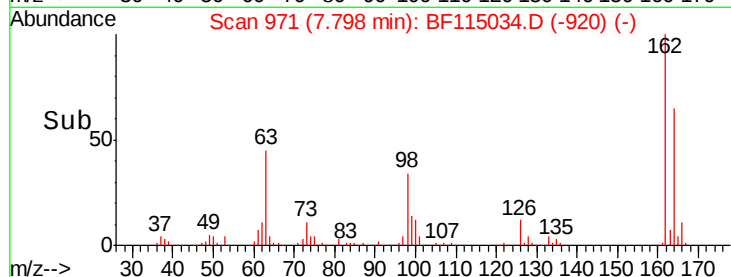
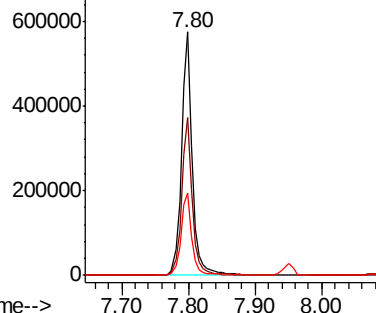


Abundance

Ion 162.00 (161.70 to 162.70): E

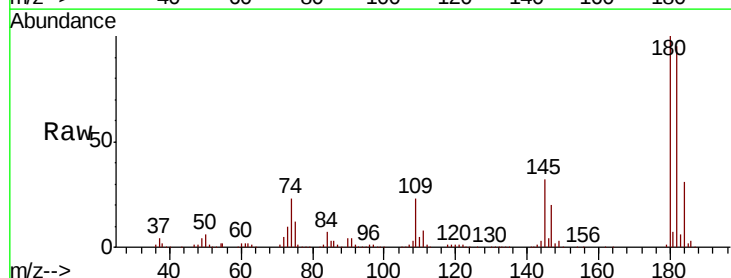
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 44.412 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF115034.D
Acq: 14 Jun 2019 12:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.7	115.1
145	31.7	24.1	36.1

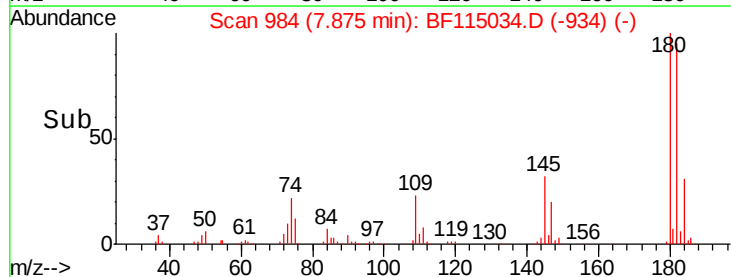
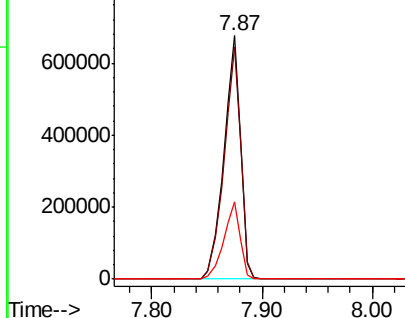


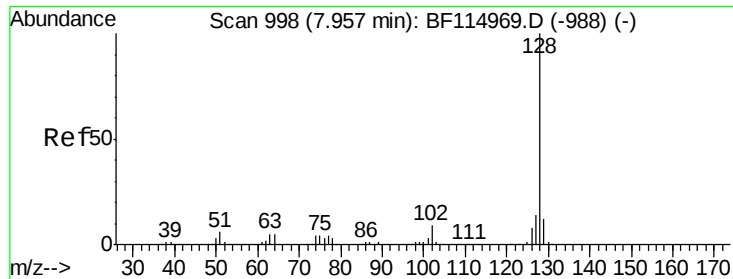
Abundance

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

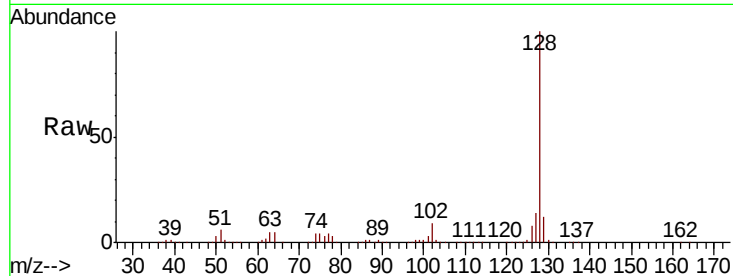




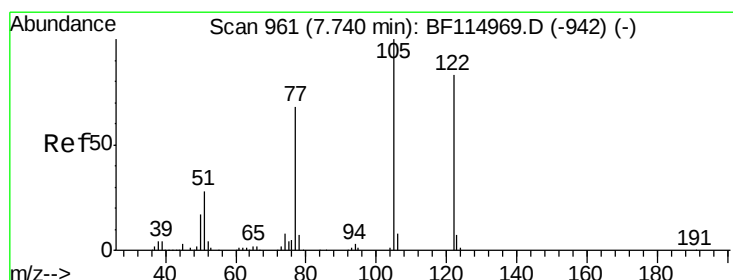
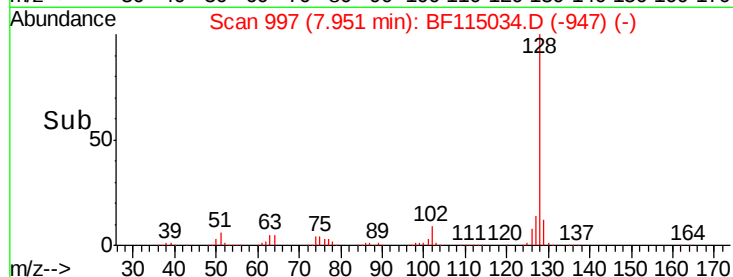
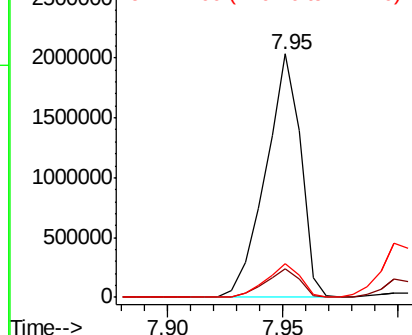
#31
Naphthalene
Concen: 46.866 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF115034.D
Acq: 14 Jun 2019 12:44

Instrument :
BNA_F
ClientSampleId :
PB120572BS

Tot Ion:128 Resp: 2136010
Ion Ratio Lower Upper
128 100
129 11.9 9.5 14.3
127 14.0 11.5 17.3

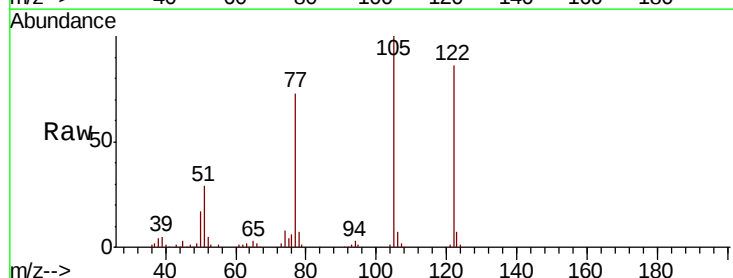


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

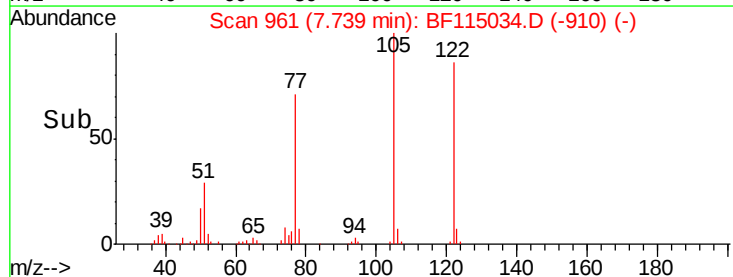
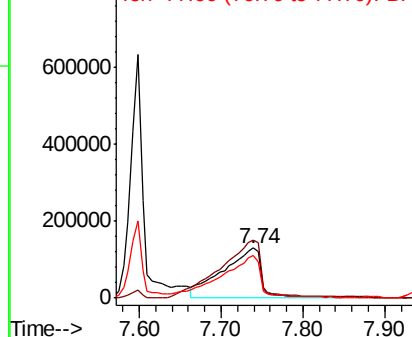


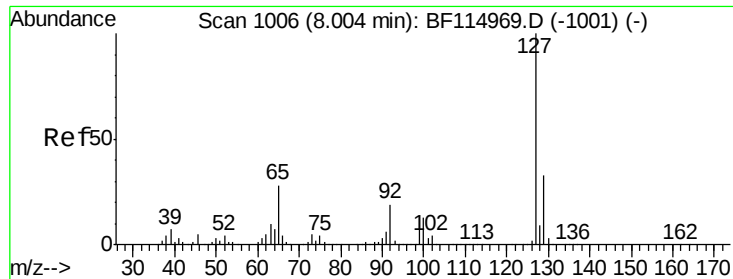
#32
Benzoic acid
Concen: 43.949 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.00 min
Lab File: BF115034.D
Acq: 14 Jun 2019 12:44

Tgt Ion:122 Resp: 416335
Ion Ratio Lower Upper
122 100
105 116.8 98.6 138.6
77 84.8 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

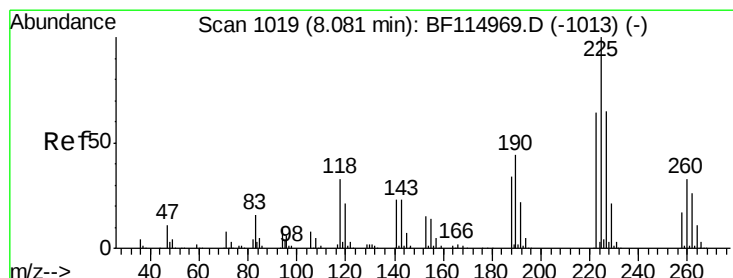
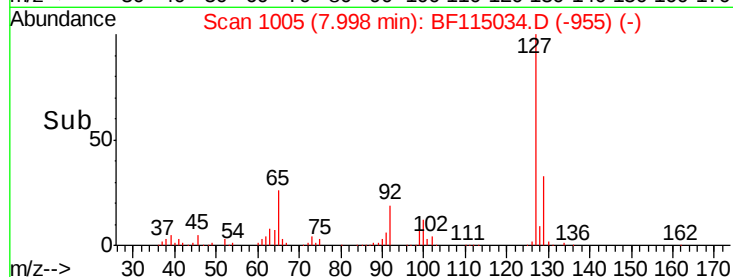
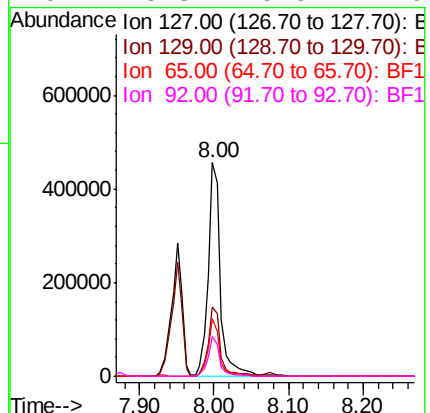
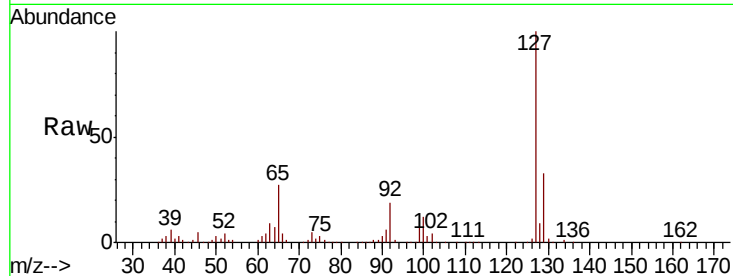




#33
4-Chloroaniline
Concen: 24.783 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF115034.D
Acq: 14 Jun 2019 12:44

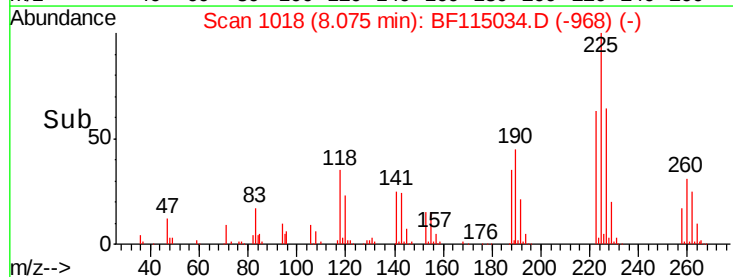
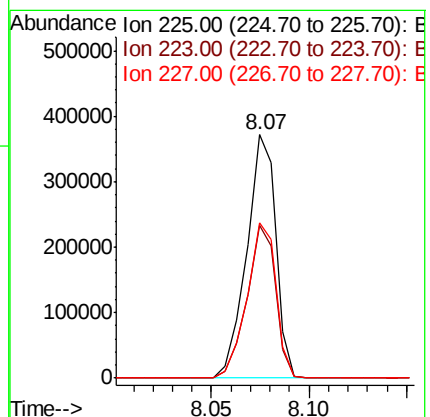
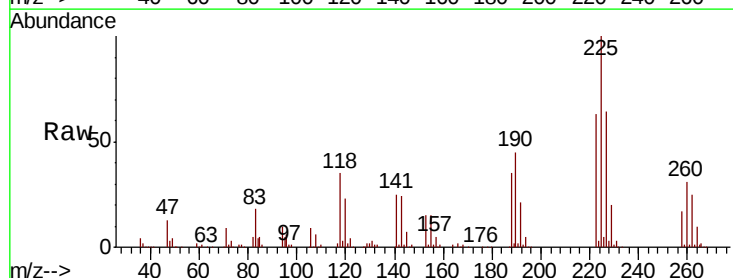
Instrument :
BNA_F
ClientSampleId :
PB120572BS

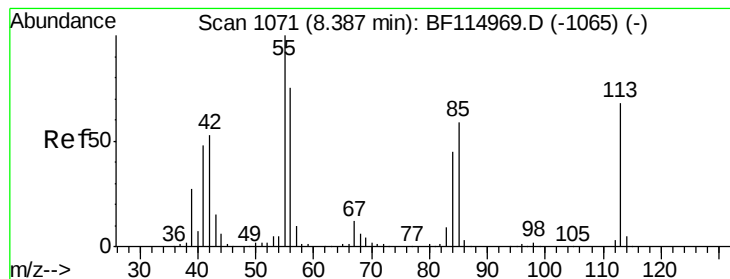
Tot Ion:	127	Resp:	521400
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.1	39.1
65	27.2	22.3	33.5
92	18.5	15.3	22.9



#34
Hexachlorobutadiene
Concen: 43.197 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF115034.D
Acq: 14 Jun 2019 12:44

Tgt Ion:	225	Resp:	383730
Ion	Ratio	Lower	Upper
225	100		
223	62.9	51.0	76.6
227	64.0	51.7	77.5





#35

Caprolactam

Concen: 44.282 ng/ml

RT: 8.37 min Scan# 1069

Delta R.T. -0.01 min

Lab File: BF115034.D

Acq: 14 Jun 2019 12:44

Instrument :

BNA_F

ClientSampleId :

PB120572BS

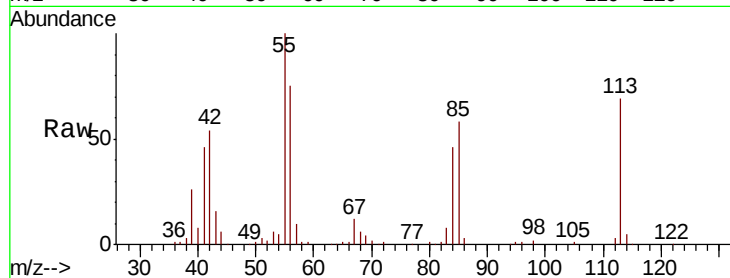
Tot Ion:113 Resp: 203994

Ion Ratio Lower Upper

113 100

55 144.3 127.3 167.3

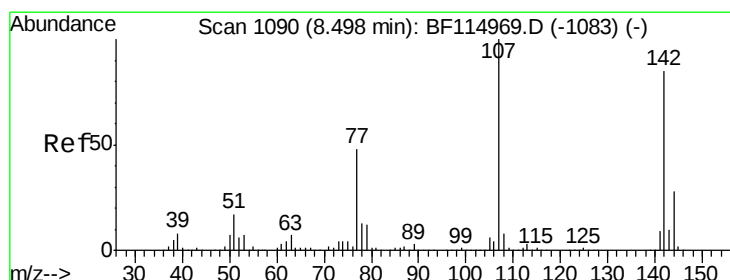
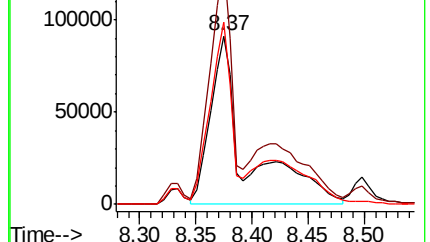
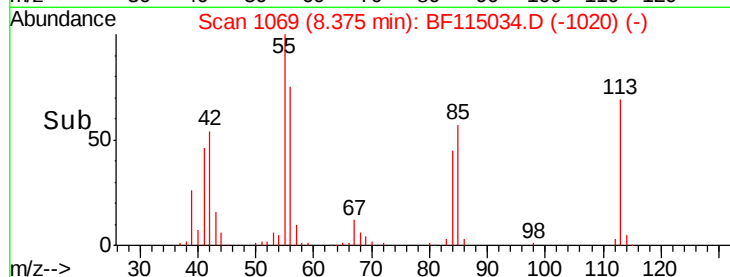
56 107.6 90.6 130.6



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: 47.982 ng/ml

RT: 8.50 min Scan# 1090

Delta R.T. -0.00 min

Lab File: BF115034.D

Acq: 14 Jun 2019 12:44

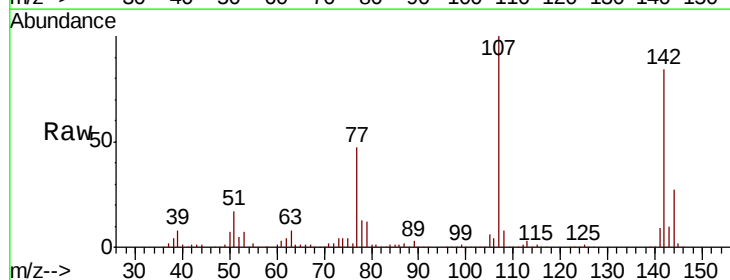
Tgt Ion:107 Resp: 668799

Ion Ratio Lower Upper

107 100

144 27.0 22.0 33.0

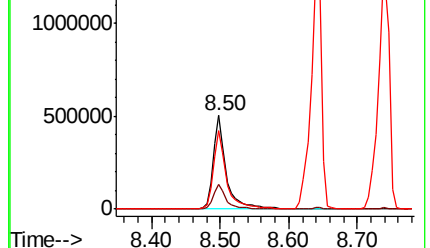
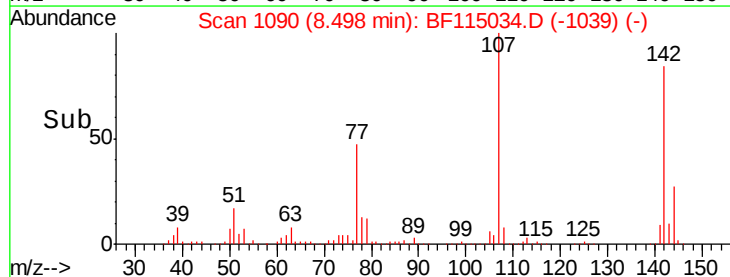
142 83.7 68.2 102.4

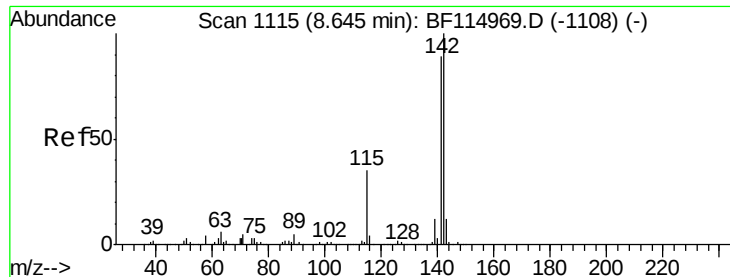


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

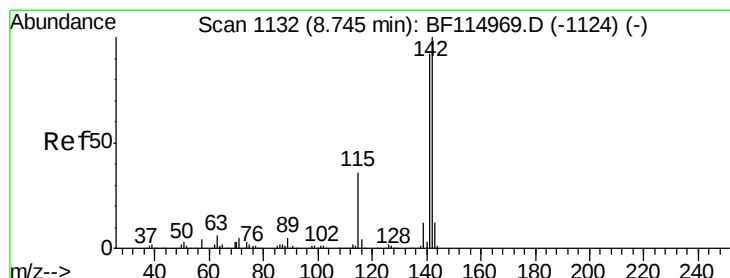
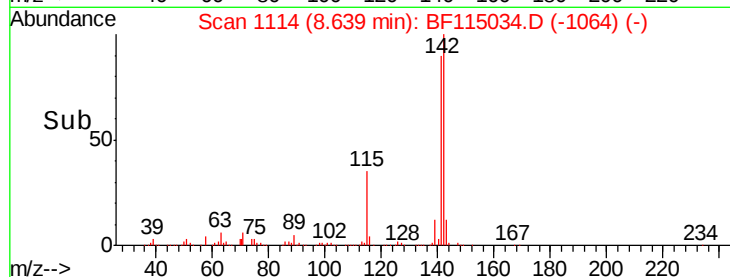
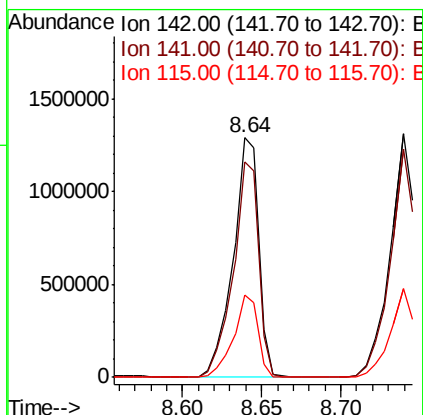
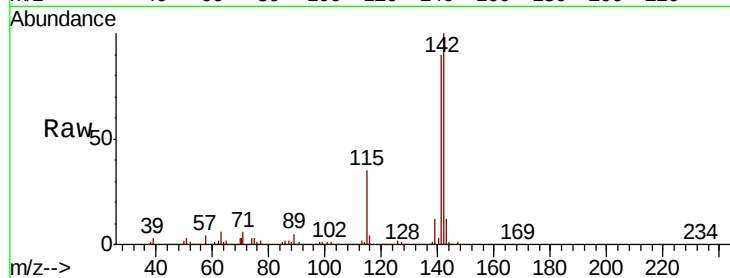




#37
2-Methylnaphthalene
Concen: 47.386 ng
RT: 8.64 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BF115034.D
Acq: 14 Jun 2019 12:44

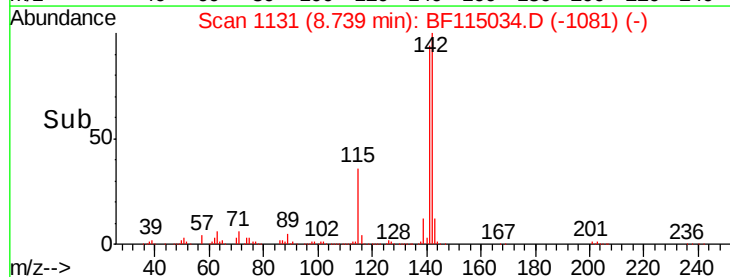
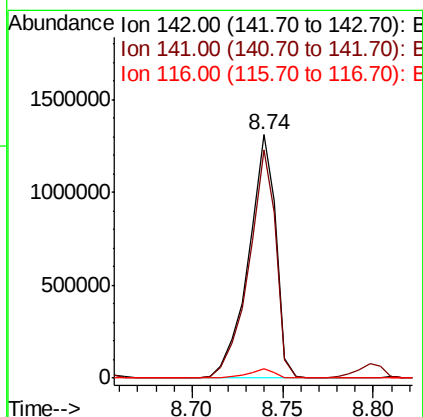
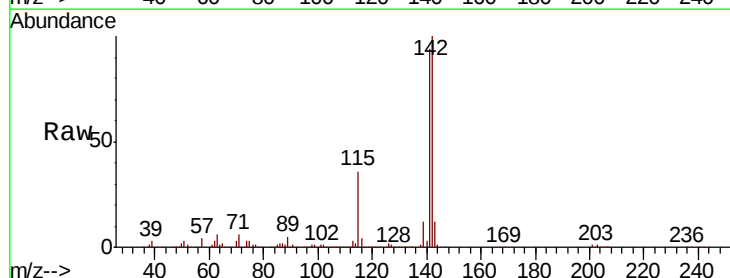
Instrument :
BNA_F
ClientSampleId :
PB120572BS

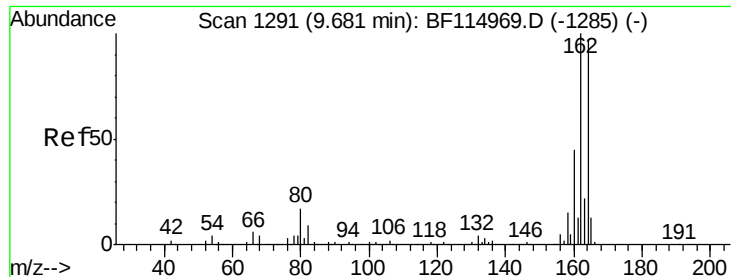
Tot Ion:142 Resp: 1440474
Ion Ratio Lower Upper
142 100
141 90.1 71.0 106.6
115 34.6 27.9 41.9



#38
1-Methylnaphthalene
Concen: 47.585 ng
RT: 8.74 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BF115034.D
Acq: 14 Jun 2019 12:44

Tgt Ion:142 Resp: 1367162
Ion Ratio Lower Upper
142 100
141 93.6 73.8 110.8
116 3.8 2.9 4.3

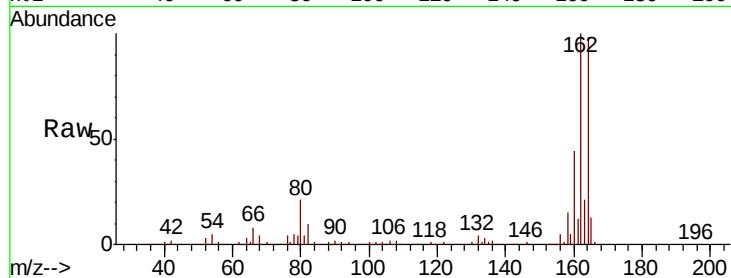




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BF115034.D
 Acq: 14 Jun 2019 12:44

Instrument :
 BNA_F
 ClientSampleId :
 PB120572BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.6	124.0
160	45.3	36.9	55.3

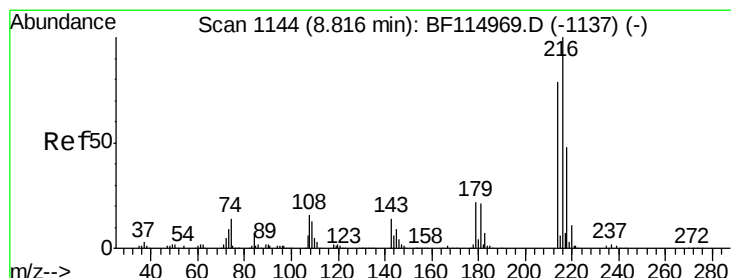
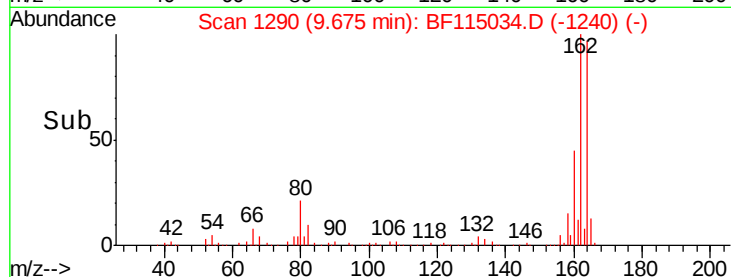
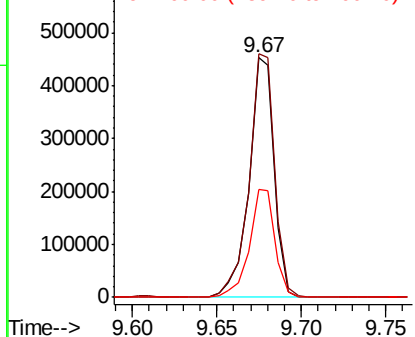


Abundance

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: 44.363 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF115034.D
 Acq: 14 Jun 2019 12:44

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.7	95.5
179	22.6	18.2	27.4
108	20.0	15.0	22.6

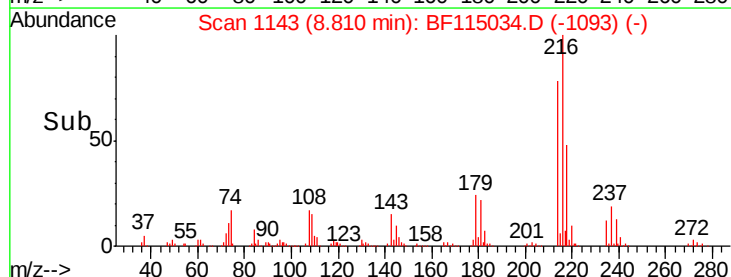
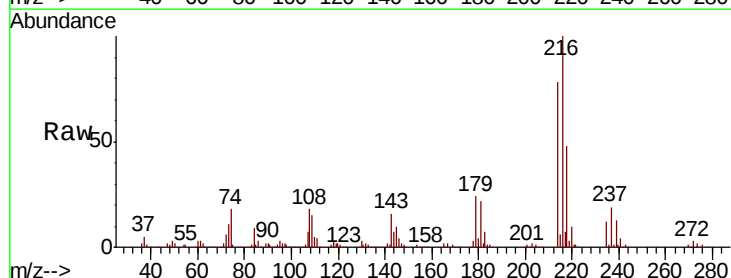
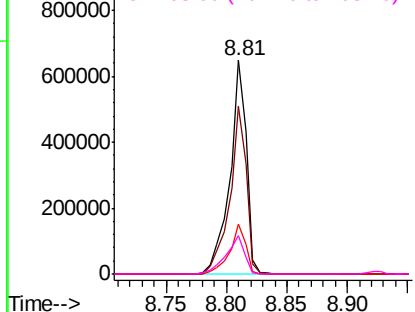
Abundance

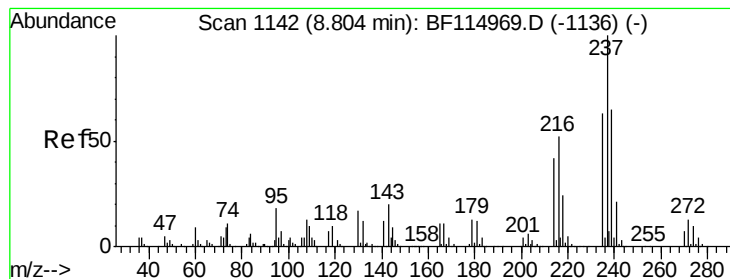
Ion 216.00 (215.70 to 216.70): E

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: 88.484 ng

RT: 8.80 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BF115034.D

Acq: 14 Jun 2019 12:44

Instrument :

BNA_F

ClientSampleId :

PB120572BS

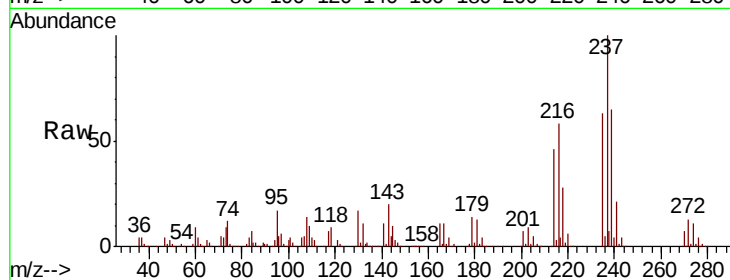
Tot Ion:237 Resp: 605710

Ion Ratio Lower Upper

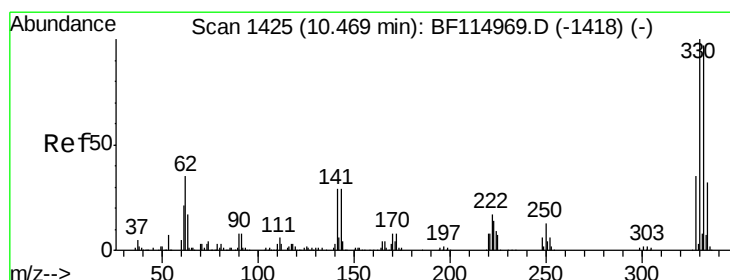
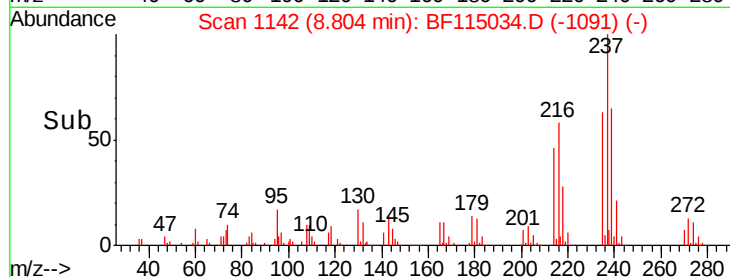
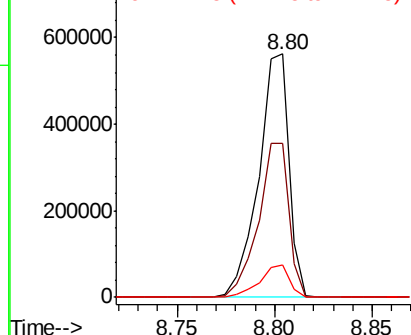
237 100

235 63.1 42.7 82.7

272 13.1 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: 118.981 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.00 min

Lab File: BF115034.D

Acq: 14 Jun 2019 12:44

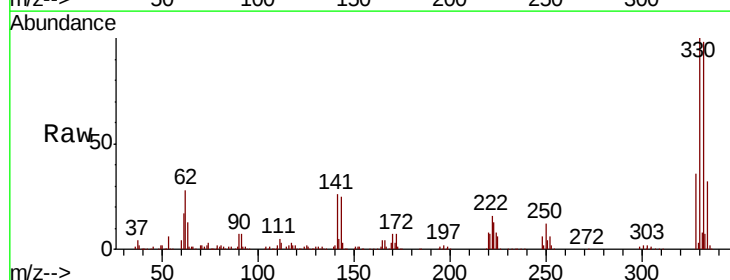
Tgt Ion:330 Resp: 599114

Ion Ratio Lower Upper

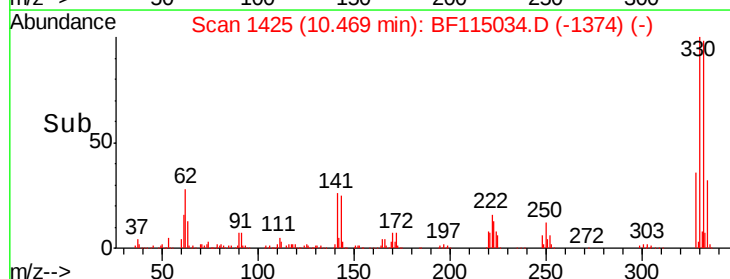
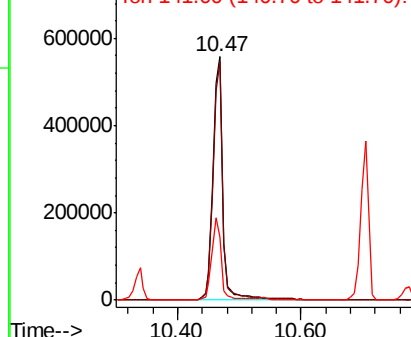
330 100

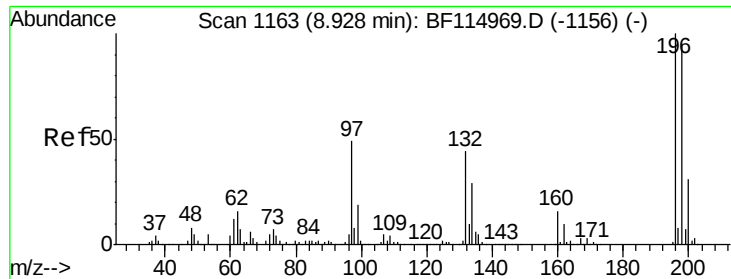
332 96.9 77.6 116.4

141 32.4 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

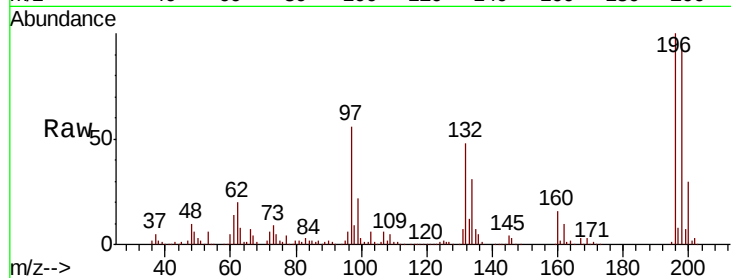




#43
 2,4,6-Trichlorophenol
 Concen: 42.358 ng
 RT: 8.92 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BF115034.D
 Acq: 14 Jun 2019 12:44

Instrument :
 BNA_F
 ClientSampleId :
 PB120572BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.8	75.8	113.8
200	29.7	24.9	37.3

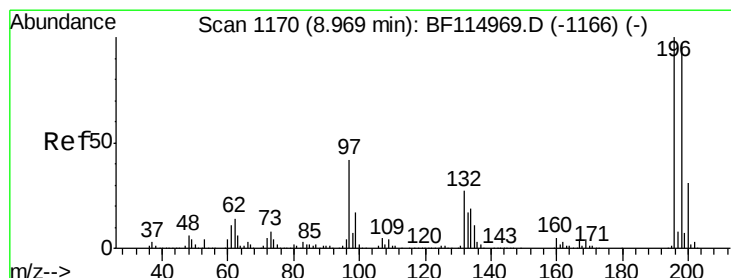
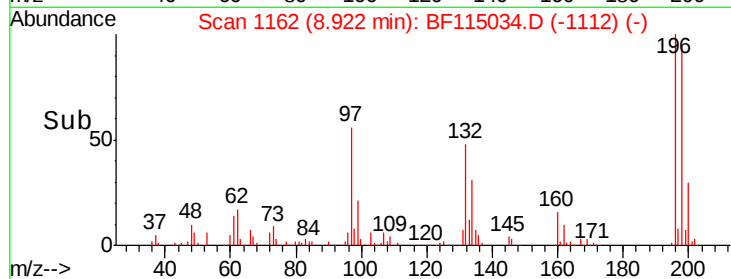
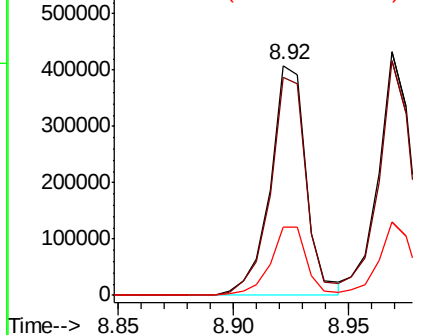


Abundance

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: 45.912 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF115034.D
 Acq: 14 Jun 2019 12:44

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.4	77.3	115.9
97	48.1	34.2	51.4
132	30.3	22.1	33.1

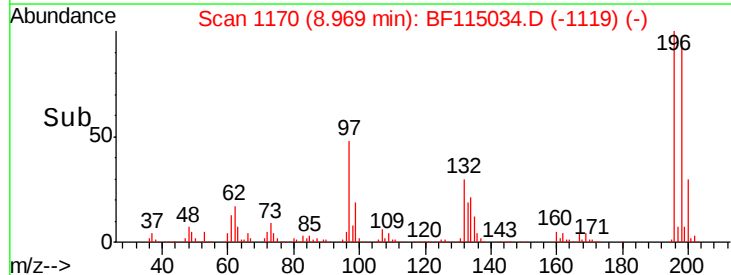
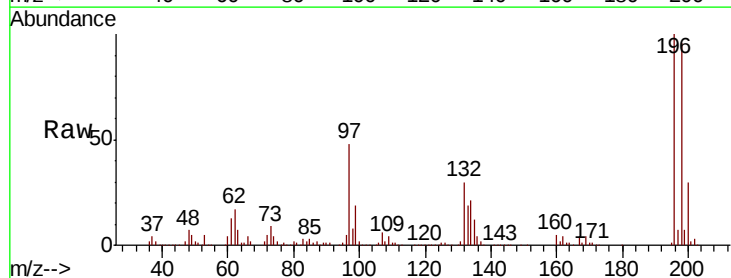
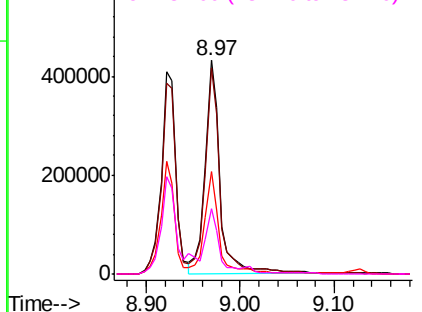
Abundance

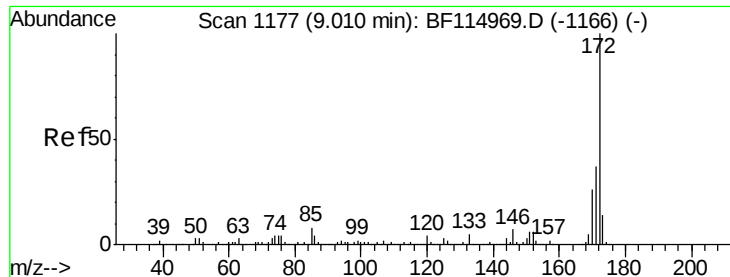
Ion 196.00 (195.70 to 196.70): E

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

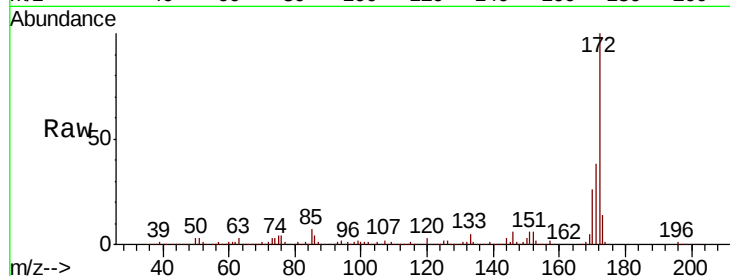




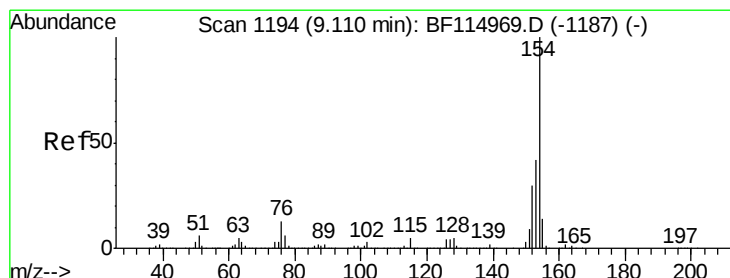
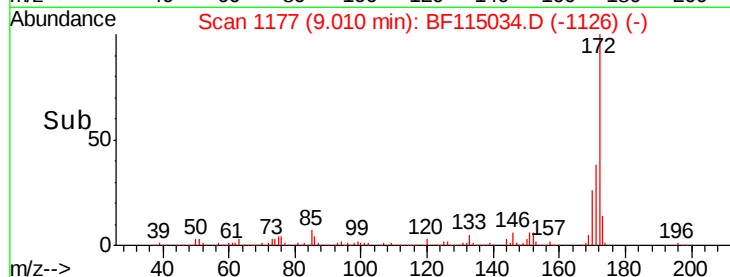
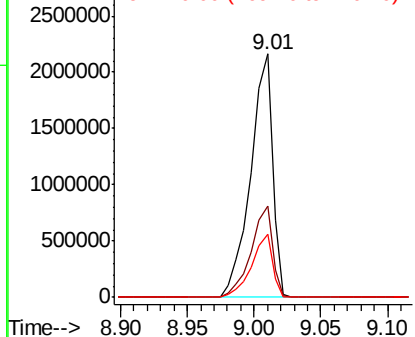
#45
2-Fluorobiphenyl
Concen: 87.739 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BF115034.D
Acq: 14 Jun 2019 12:44

Instrument :
BNA_F
ClientSampleId :
PB120572BS

Tot Ion:172 Resp: 2434228
Ion Ratio Lower Upper
172 100
171 37.6 29.8 44.6
170 25.7 20.6 31.0

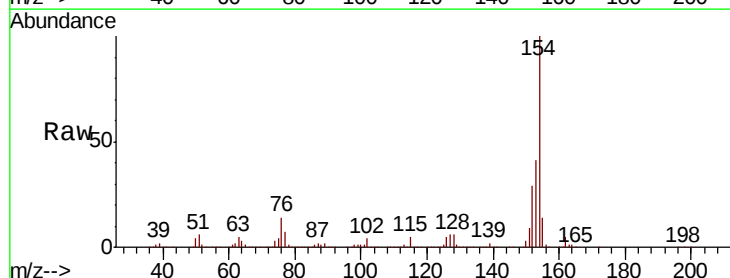


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

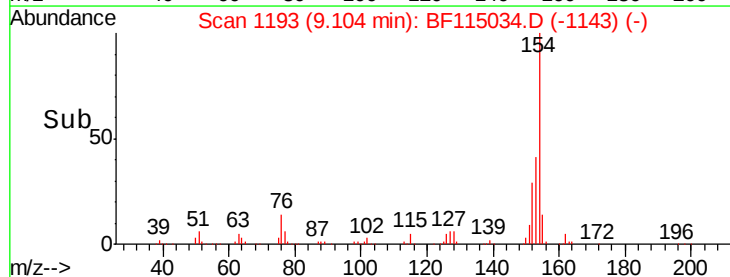
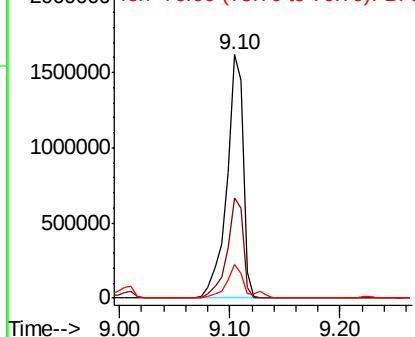


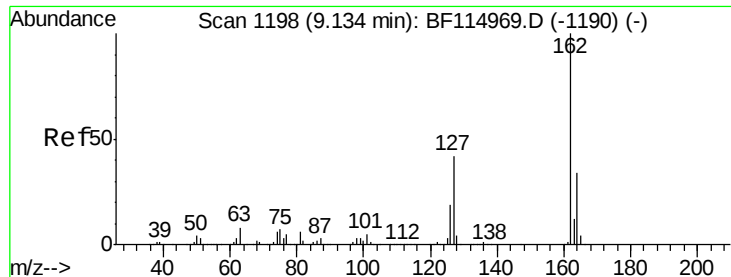
#46
1,1'-Biphenyl
Concen: 44.570 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF115034.D
Acq: 14 Jun 2019 12:44

Tgt Ion:154 Resp: 1679426
Ion Ratio Lower Upper
154 100
153 41.4 22.4 62.4
76 13.7 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

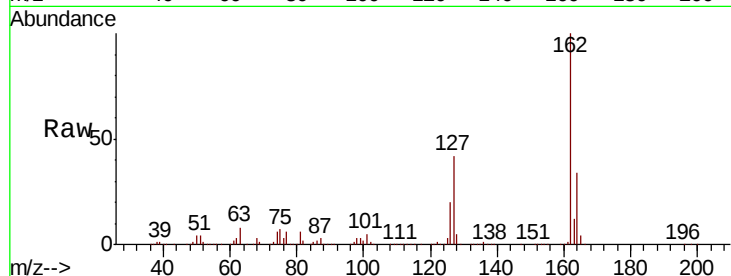




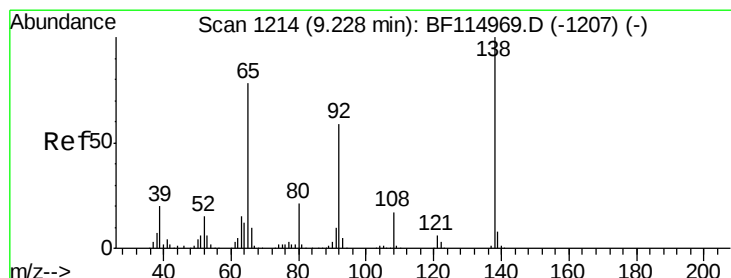
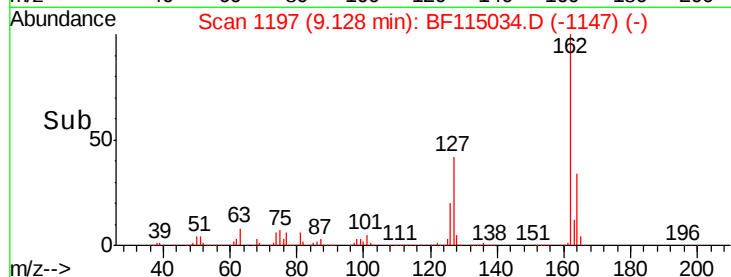
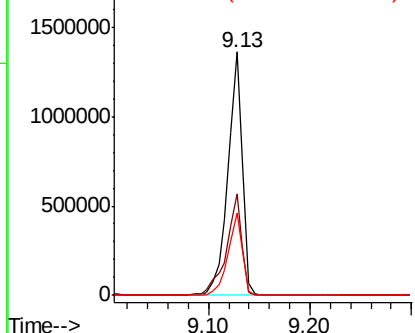
#47
 2-Chloronaphthalene
 Concen: 44.197 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF115034.D
 Acq: 14 Jun 2019 12:44

Instrument :
 BNA_F
 ClientSampleId :
 PB120572BS

Tot Ion:162 Resp: 1346702
 Ion Ratio Lower Upper
 162 100
 127 41.6 33.4 50.2
 164 33.7 27.2 40.8

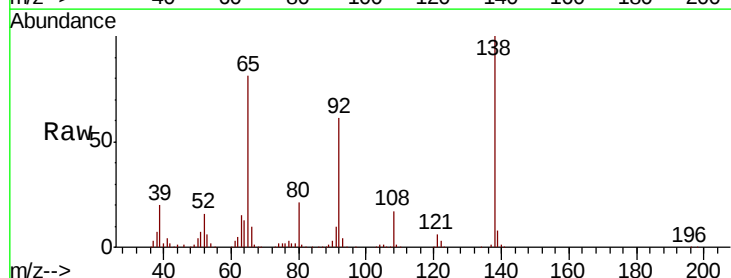


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

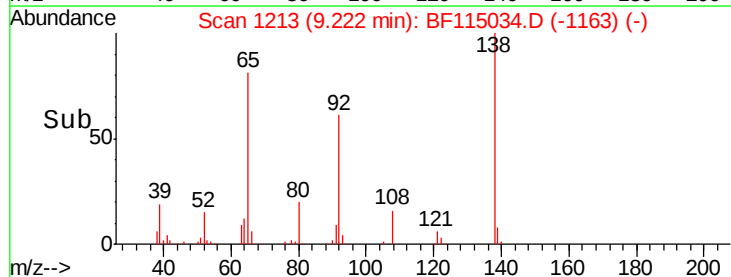
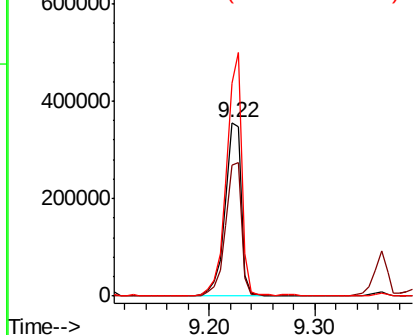


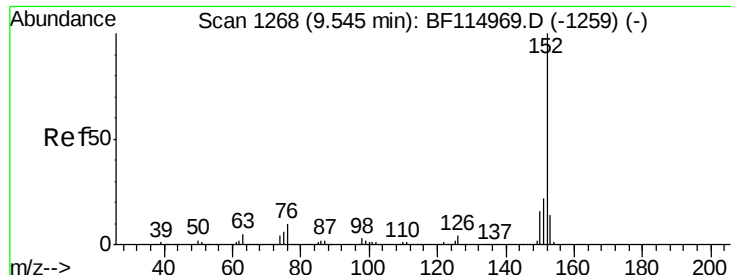
#48
 2-Nitroaniline
 Concen: 42.297 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF115034.D
 Acq: 14 Jun 2019 12:44

Tgt Ion: 65 Resp: 380935
 Ion Ratio Lower Upper
 65 100
 92 75.2 60.5 90.7
 138 122.8 102.0 153.0



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: 44.602 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF115034.D

Acq: 14 Jun 2019 12:44

Instrument :

BNA_F

ClientSampleId :

PB120572BS

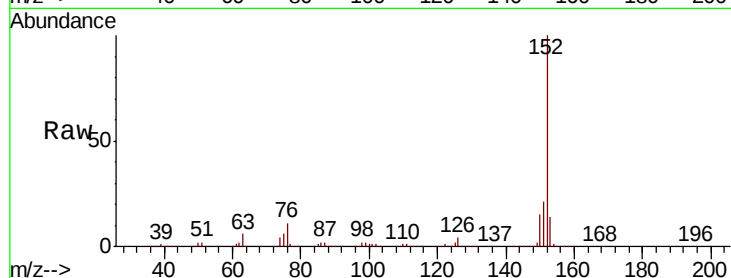
Tot Ion:152 Resp: 2089564

Ion Ratio Lower Upper

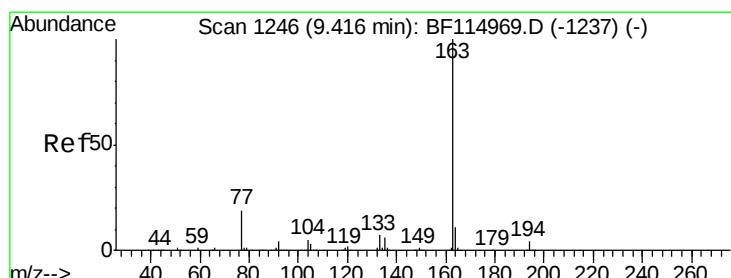
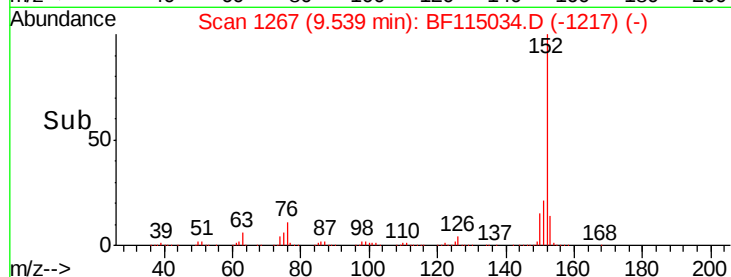
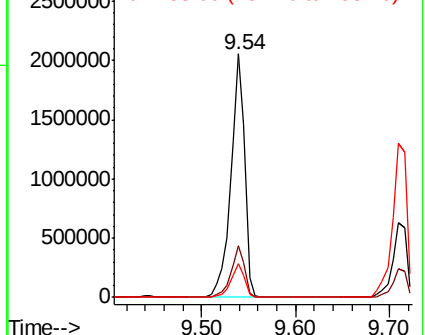
152 100

151 21.3 17.5 26.3

153 13.9 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: 43.668 ng

RT: 9.42 min Scan# 1246

Delta R.T. -0.00 min

Lab File: BF115034.D

Acq: 14 Jun 2019 12:44

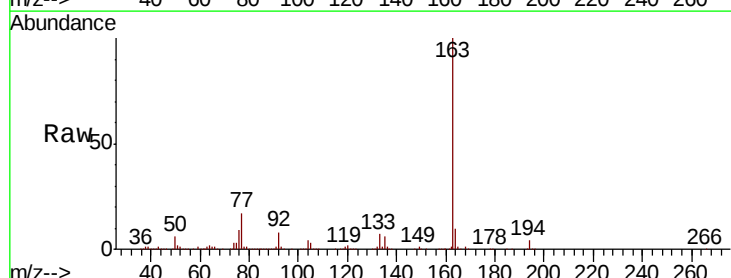
Tgt Ion:163 Resp: 1544185

Ion Ratio Lower Upper

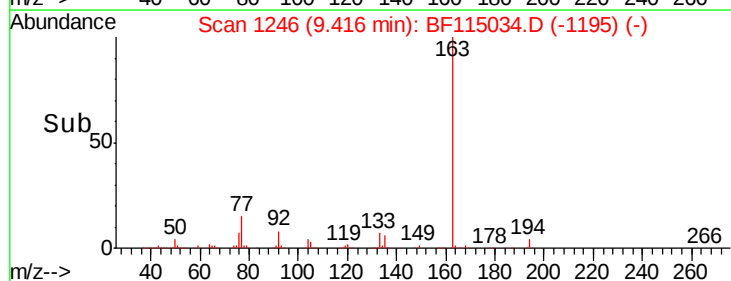
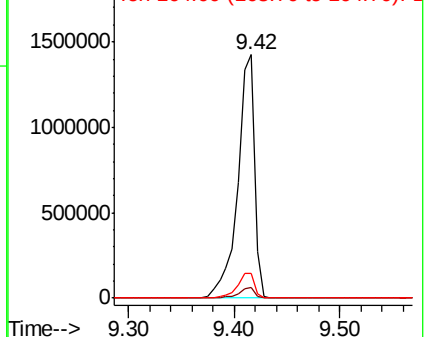
163 100

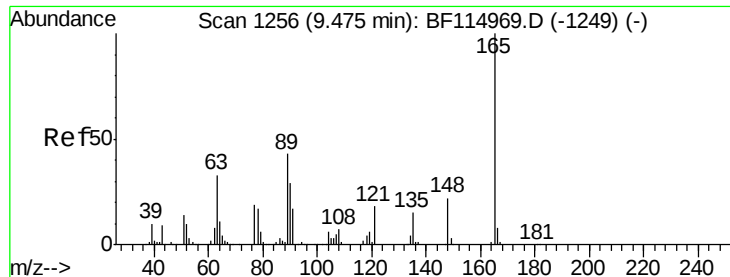
194 4.1 3.3 4.9

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

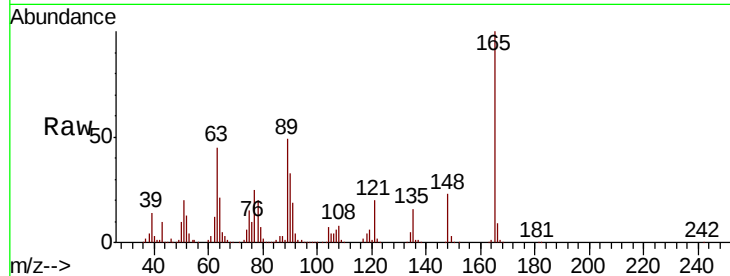




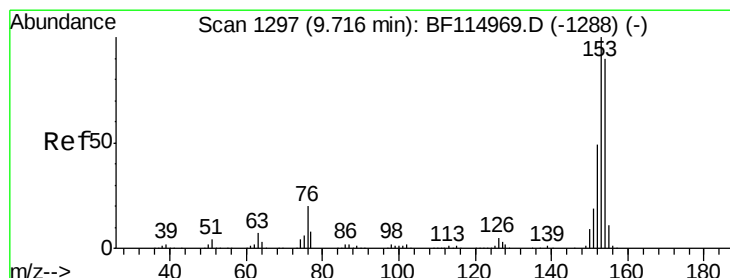
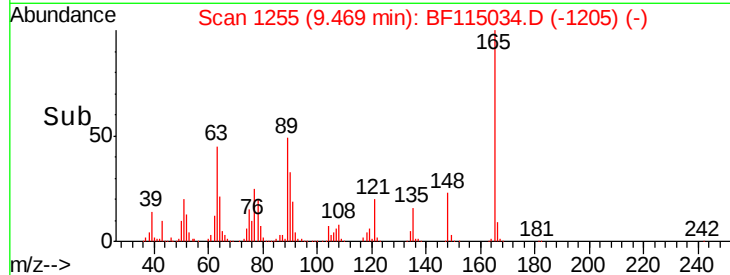
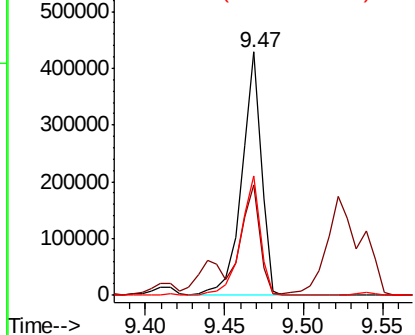
#51
 2,6-Dinitrotoluene
 Concen: 45.453 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF115034.D
 Acq: 14 Jun 2019 12:44

Instrument :
 BNA_F
 ClientSampleId :
 PB120572BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	45.3	30.6	46.0
89	49.1	34.4	51.6

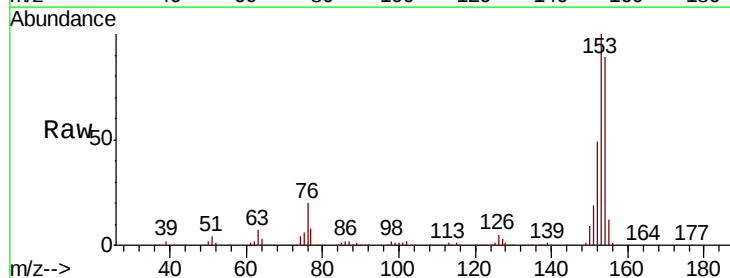


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

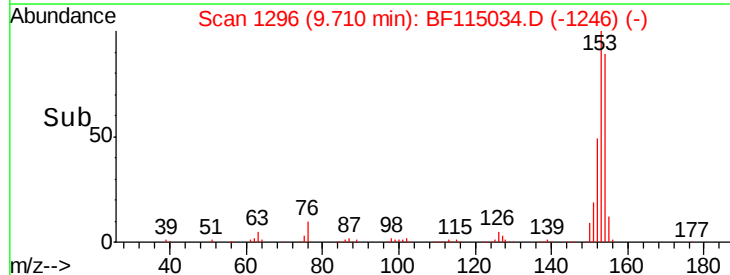
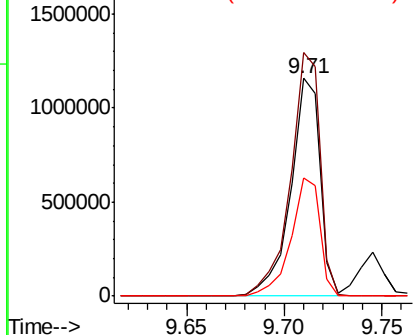


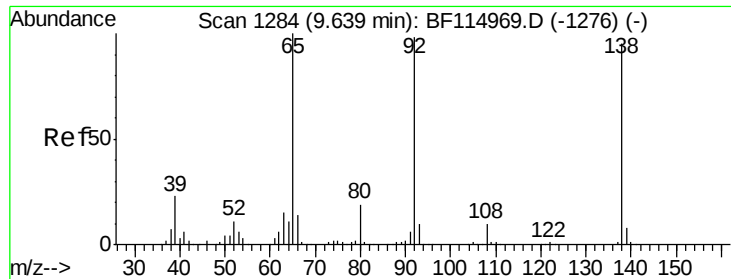
#52
 Acenaphthene
 Concen: 45.081 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: BF115034.D
 Acq: 14 Jun 2019 12:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.7	88.5	132.7
152	54.3	43.6	65.4



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

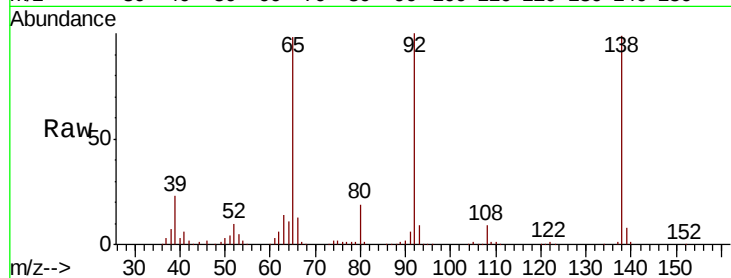




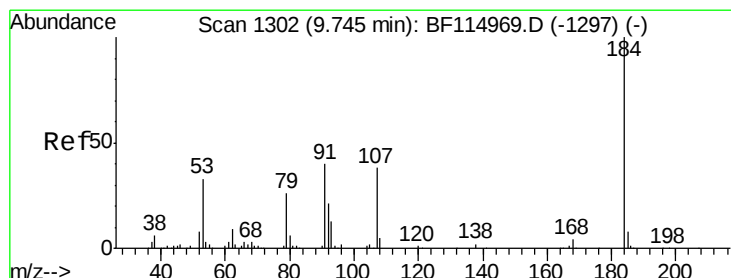
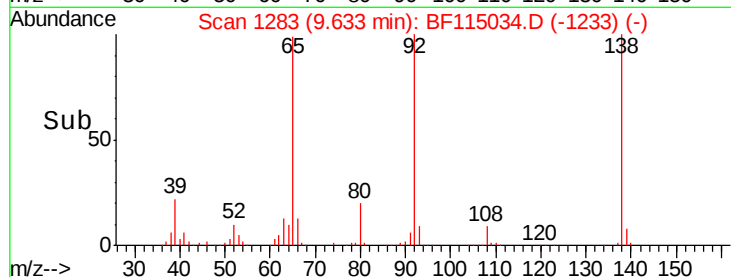
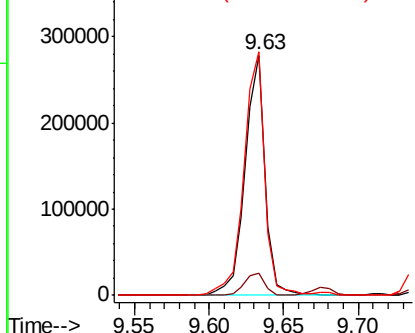
#53
3-Nitroaniline
Concen: 26.376 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF115034.D
Acq: 14 Jun 2019 12:44

Instrument :
BNA_F
ClientSampleId :
PB120572BS

Tot Ion:138 Resp: 259220
Ion Ratio Lower Upper
138 100
108 9.5 8.0 12.0
92 101.4 82.4 123.6

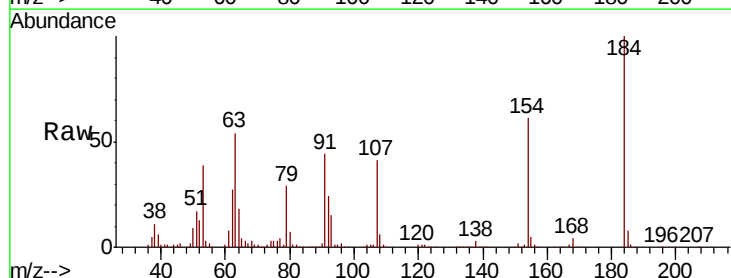


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

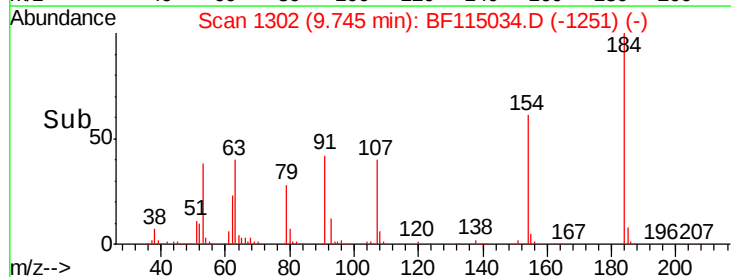
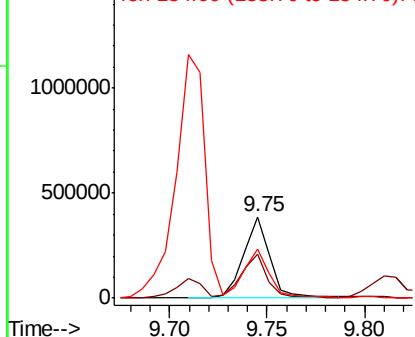


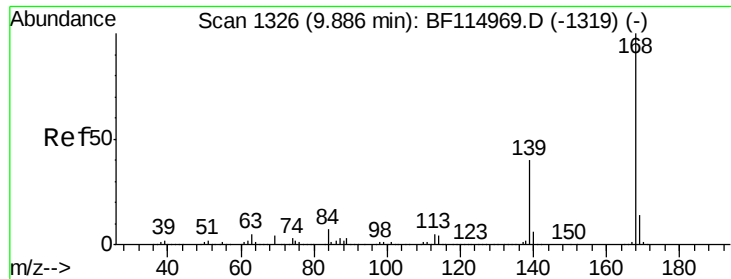
#54
2,4-Dinitrophenol
Concen: 93.351 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BF115034.D
Acq: 14 Jun 2019 12:44

Tgt Ion:184 Resp: 363208
Ion Ratio Lower Upper
184 100
63 54.2 40.5 60.7
154 61.0 44.8 67.2



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

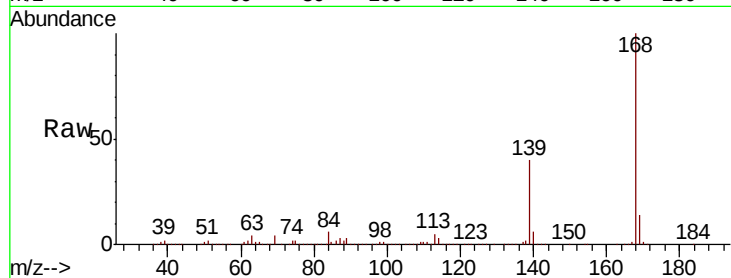




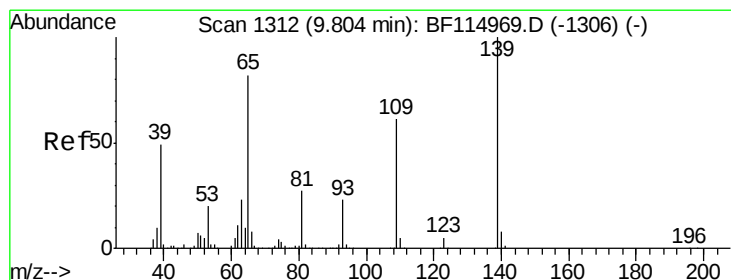
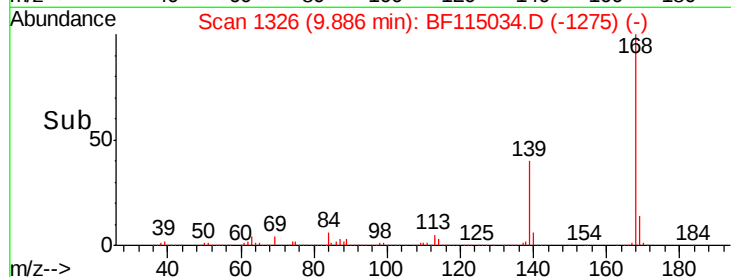
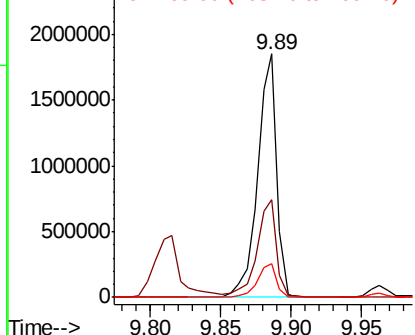
#55
Dibenzofuran
Concen: 43.710 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF115034.D
Acq: 14 Jun 2019 12:44

Instrument :
BNA_F
ClientSampleId :
PB120572BS

Tot Ion:168 Resp: 1765727
Ion Ratio Lower Upper
168 100
139 40.0 32.5 48.7
169 14.0 11.5 17.3

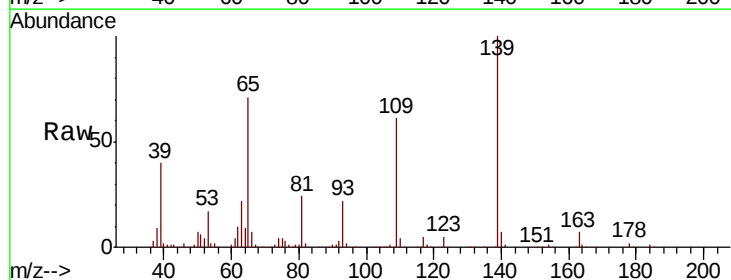


Abundance Ion 168.00 (167.70 to 168.70): E
2500000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

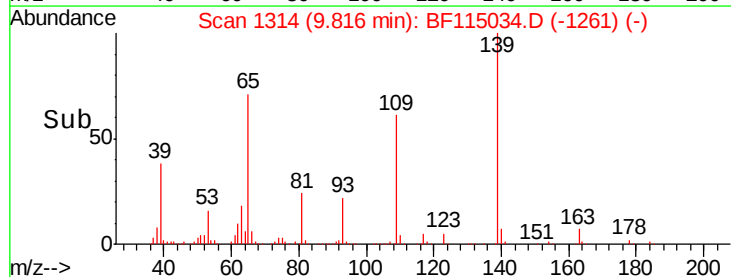
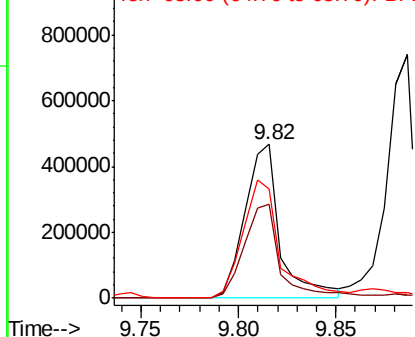


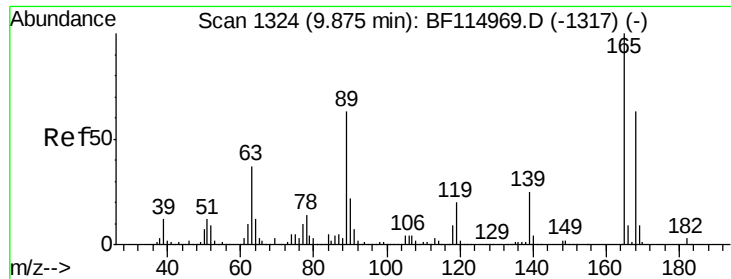
#56
4-Nitrophenol
Concen: 85.939 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF115034.D
Acq: 14 Jun 2019 12:44

Tgt Ion:139 Resp: 582443
Ion Ratio Lower Upper
139 100
109 60.7 41.4 81.4
65 71.2 62.7 102.7



Abundance Ion 139.00 (138.70 to 139.70): E
1000000 Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

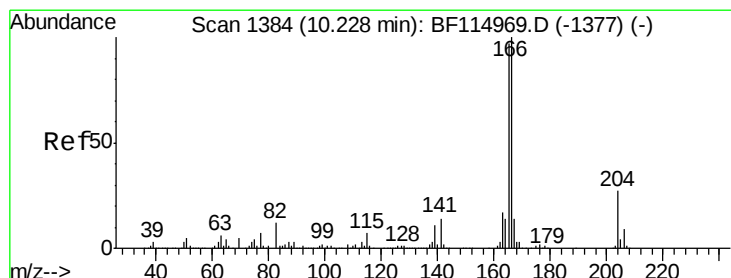
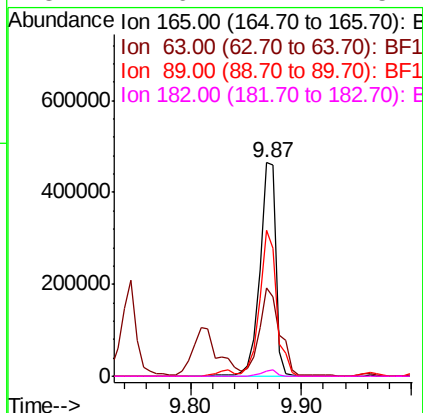
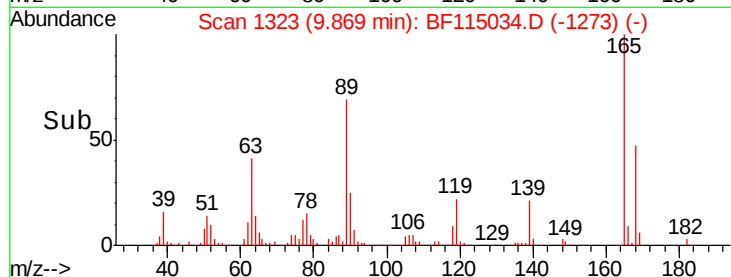
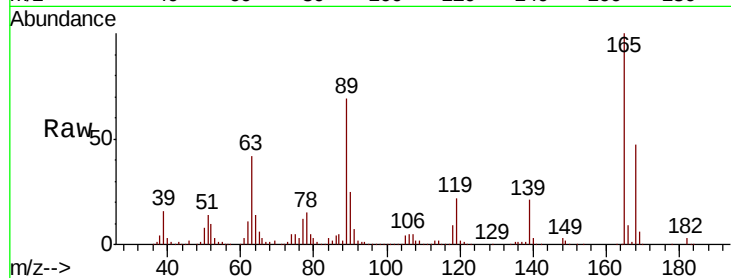




#57
2,4-Dinitrotoluene
Concen: 46.520 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF115034.D
Acq: 14 Jun 2019 12:44

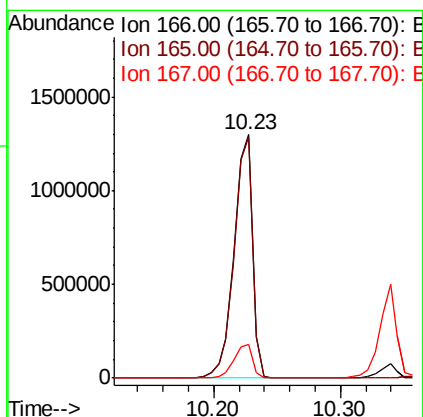
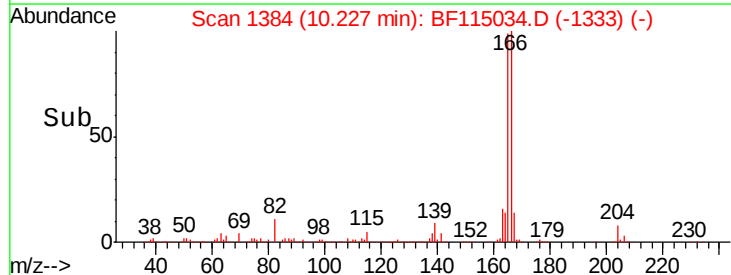
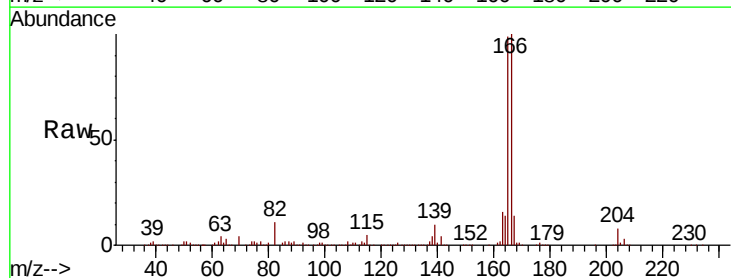
Instrument :
BNA_F
ClientSampleId :
PB120572BS

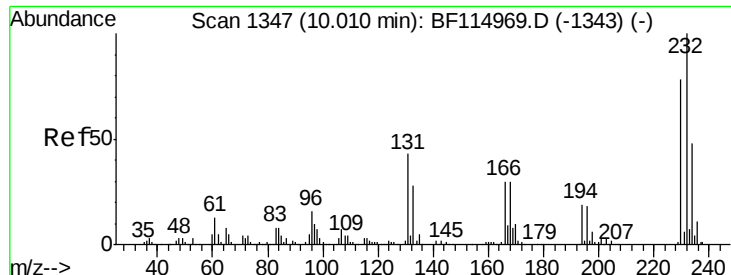
Tot Ion:165	Resp:	474954
Ion Ratio	Lower	Upper
165	100	
63	41.5	29.4 44.2
89	68.6	50.6 75.8
182	2.6	2.2 3.2



#58
Fluorene
Concen: 48.508 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BF115034.D
Acq: 14 Jun 2019 12:44

Tgt Ion:166	Resp:	1291815
Ion Ratio	Lower	Upper
166	100	
165	99.1	77.6 116.4
167	13.7	11.0 16.4

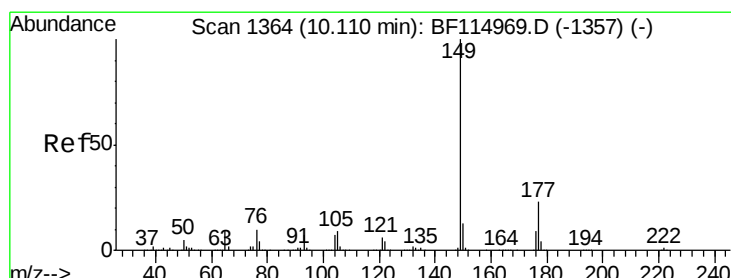
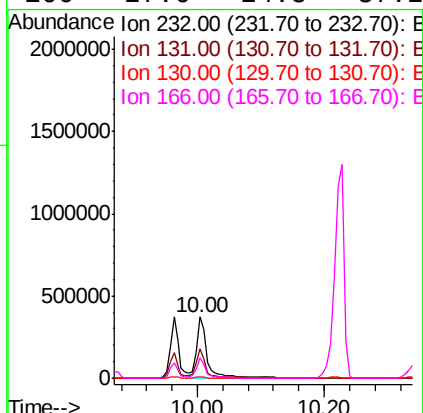
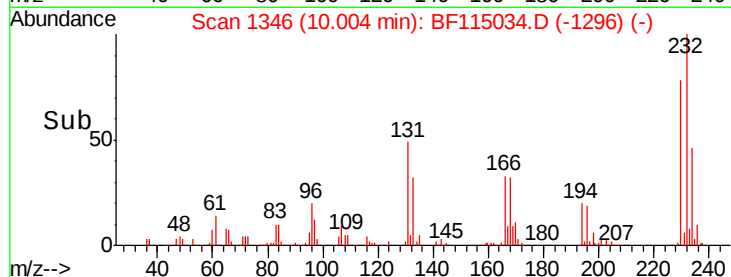
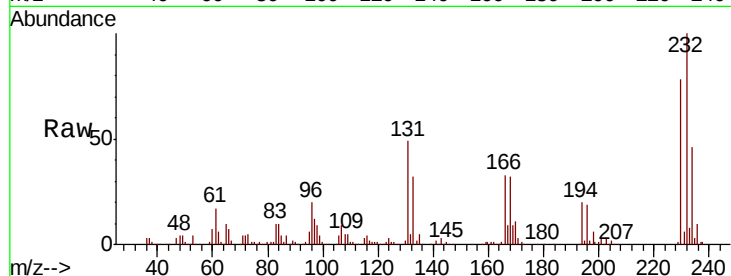




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.650 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF115034.D
Acq: 14 Jun 2019 12:44

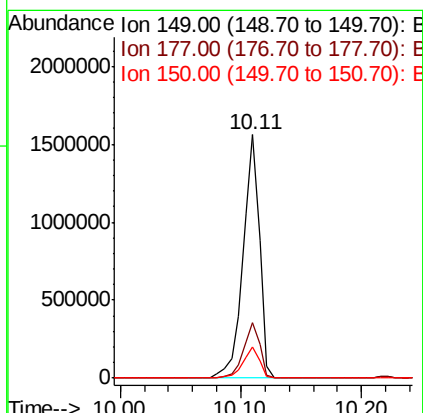
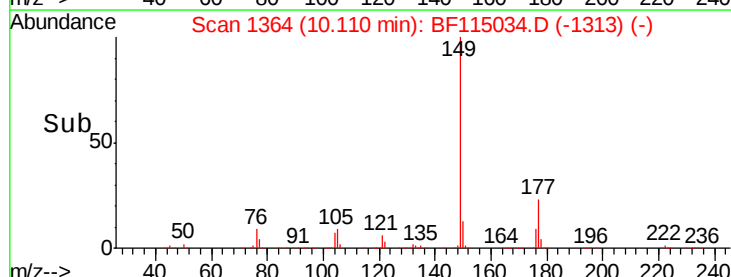
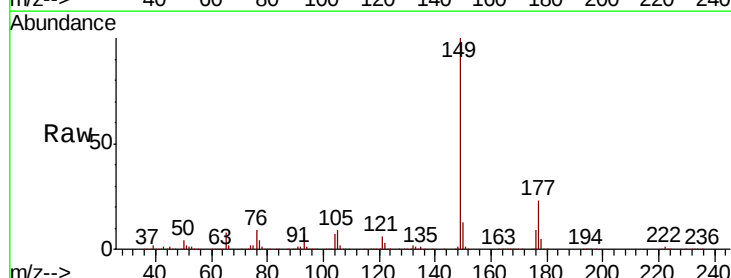
Instrument :
BNA_F
ClientSampleId :
PB120572BS

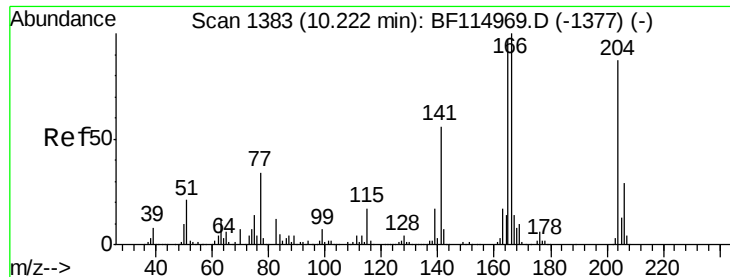
Tot Ion:232 Resp: 429006
Ion Ratio Lower Upper
232 100
131 44.1 36.9 55.3
130 2.2 1.8 2.6
166 27.6 24.8 37.2



#60
Diethylphthalate
Concen: 43.935 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF115034.D
Acq: 14 Jun 2019 12:44

Tgt Ion:149 Resp: 1485550
Ion Ratio Lower Upper
149 100
177 22.5 18.6 27.8
150 13.0 10.5 15.7

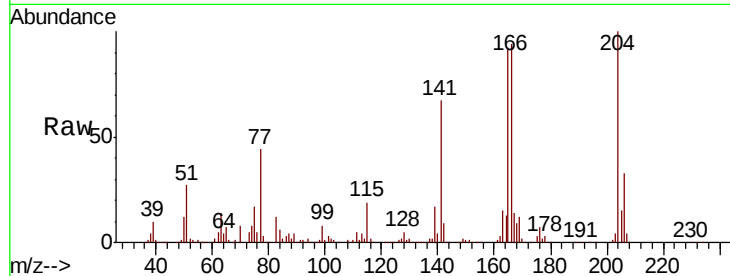




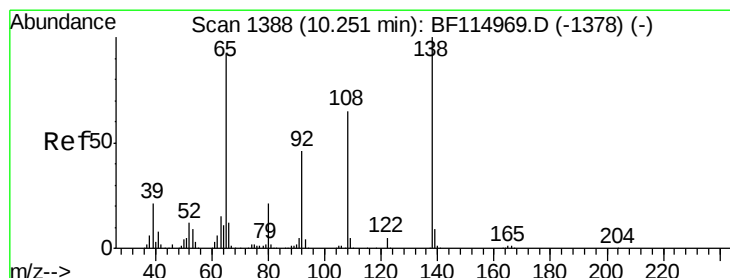
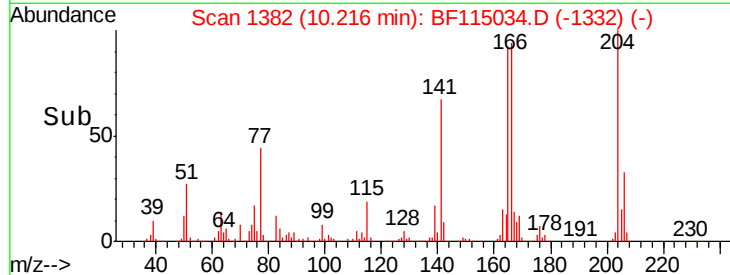
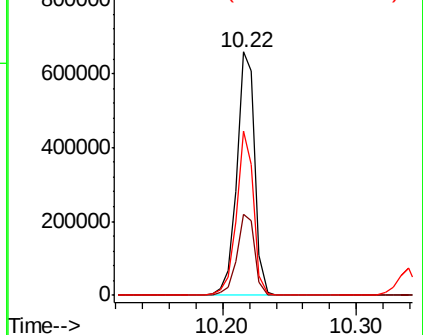
#61
4-Chlorophenyl-phenylether
Concen: 46.908 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BF115034.D
Acq: 14 Jun 2019 12:44

Instrument :
BNA_F
ClientSampleId :
PB120572BS

Tot Ion:204 Resp: 621707
Ion Ratio Lower Upper
204 100
206 33.5 26.5 39.7
141 67.3 51.8 77.8

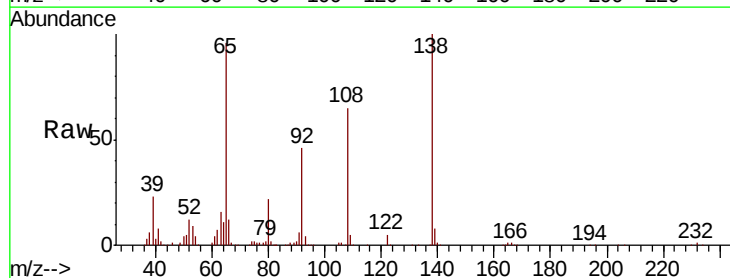


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

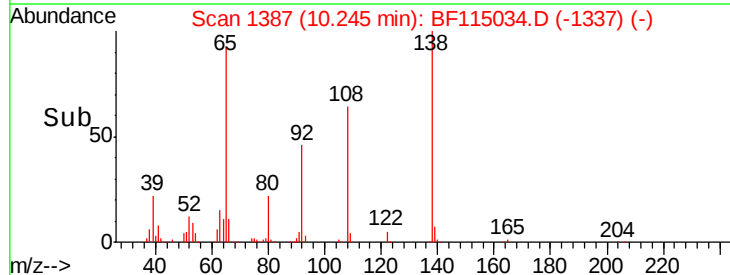
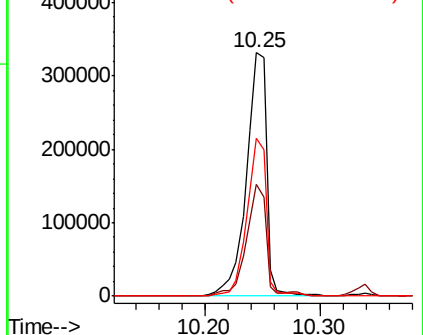


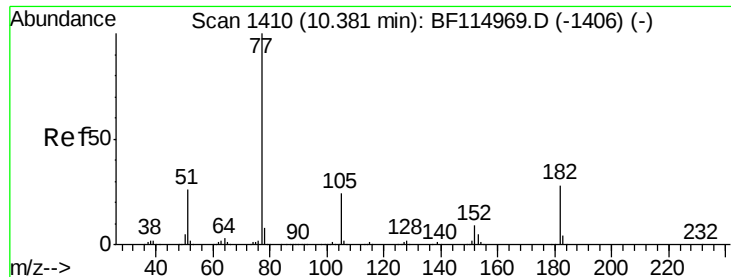
#62
4-Nitroaniline
Concen: 40.911 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF115034.D
Acq: 14 Jun 2019 12:44

Tgt Ion:138 Resp: 404262
Ion Ratio Lower Upper
138 100
92 46.2 25.7 65.7
108 64.9 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

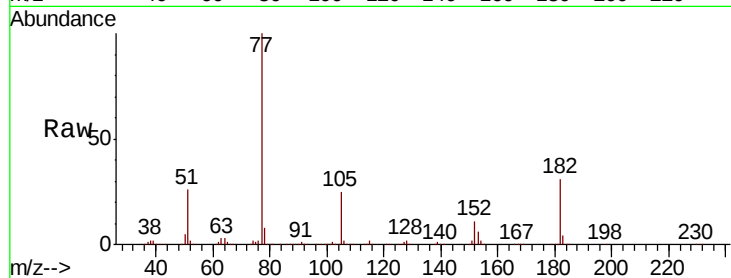




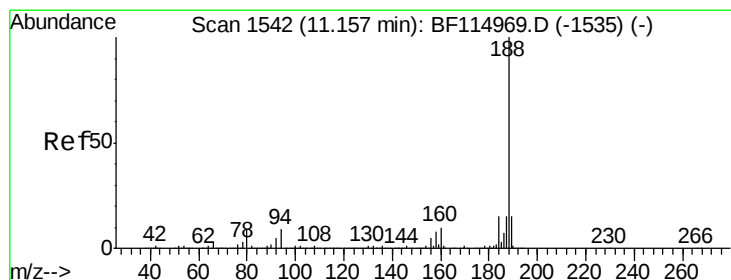
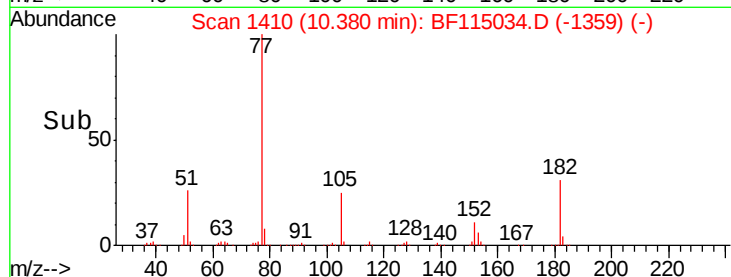
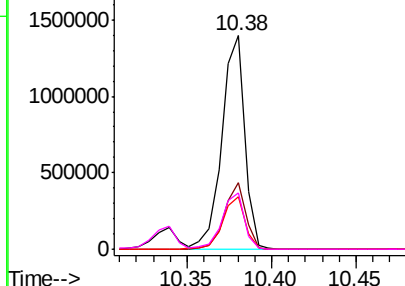
#63
Azobenzene
Concen: 44.363 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF115034.D
Acq: 14 Jun 2019 12:44

Instrument :
BNA_F
ClientSampleId :
PB120572BS

Tot Ion: 77 Resp: 1312281
Ion Ratio Lower Upper
77 100
182 30.9 7.4 47.4
105 24.8 4.2 44.2
51 26.1 6.2 46.2

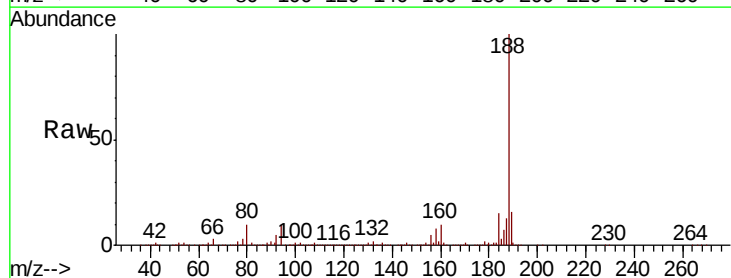


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

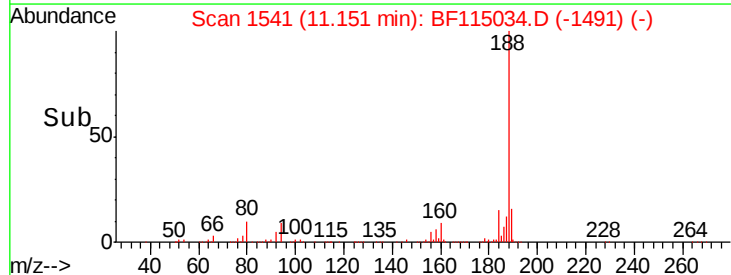
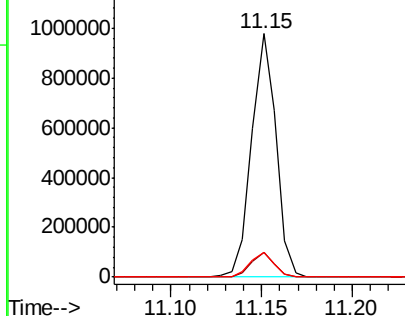


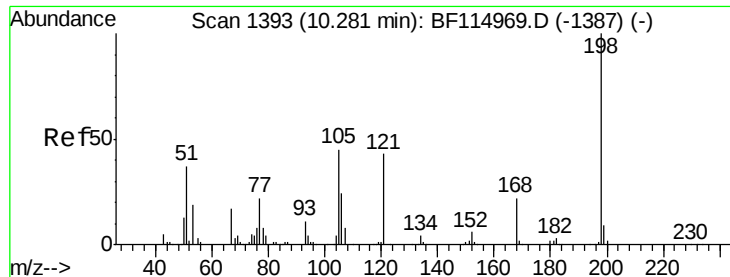
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1541
Delta R.T. -0.01 min
Lab File: BF115034.D
Acq: 14 Jun 2019 12:44

Tgt Ion: 188 Resp: 916715
Ion Ratio Lower Upper
188 100
94 10.2 7.2 10.8
80 10.2 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

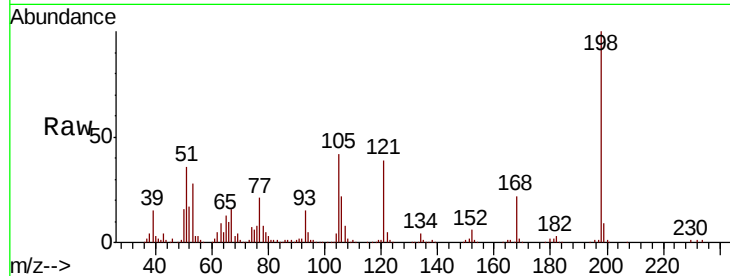




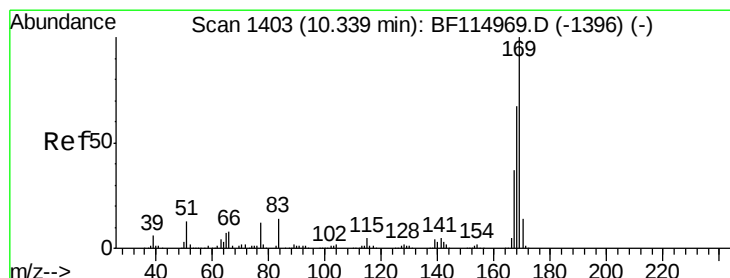
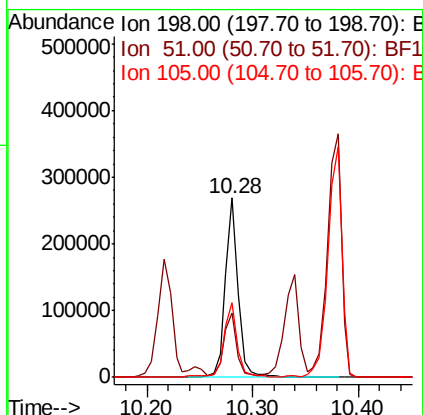
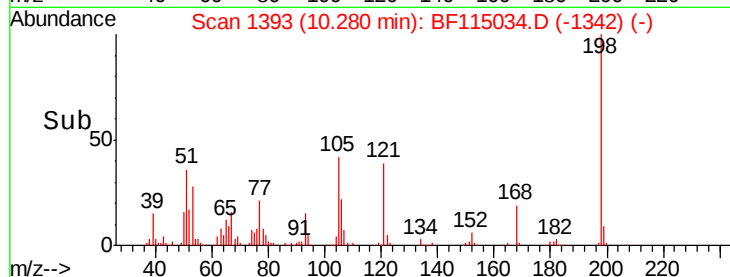
#65
4,6-Dinitro-2-methylphenol
Concen: 44.597 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.00 min
Lab File: BF115034.D
Acq: 14 Jun 2019 12:44

Instrument :
BNA_F
ClientSampleId :
PB120572BS

Tot Ion:198 Resp: 229142
Ion Ratio Lower Upper
198 100
51 35.9 23.0 63.0
105 41.9 26.5 66.5

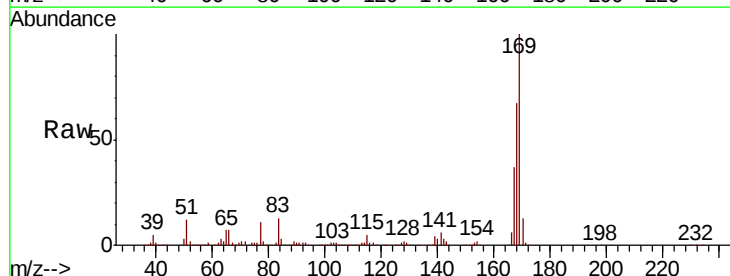


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

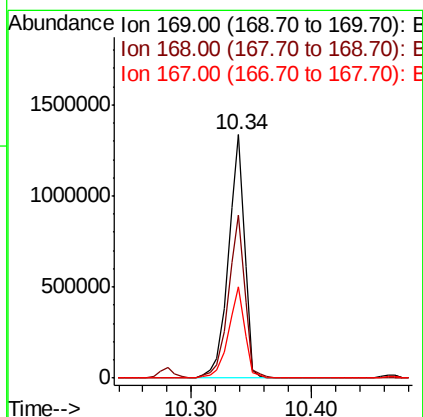
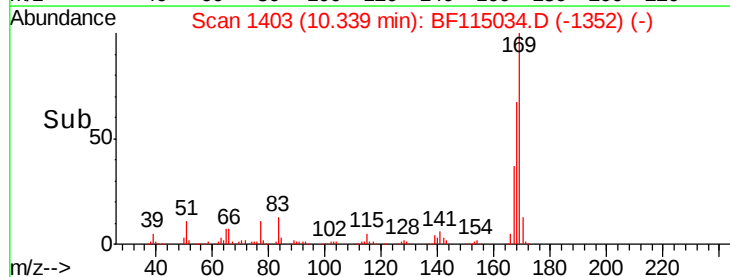


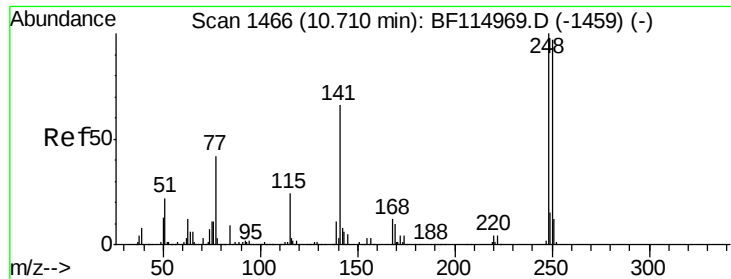
#66
n-Nitrosodiphenylamine
Concen: 45.201 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BF115034.D
Acq: 14 Jun 2019 12:44

Tgt Ion:169 Resp: 1238607
Ion Ratio Lower Upper
169 100
168 67.0 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

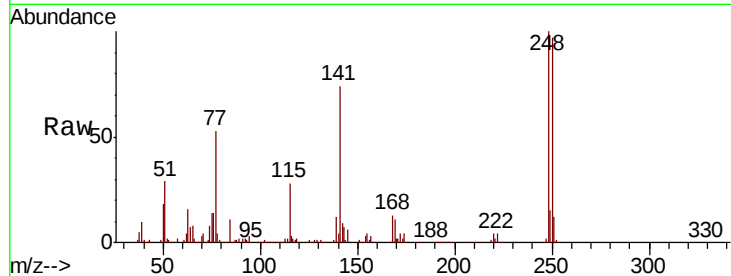




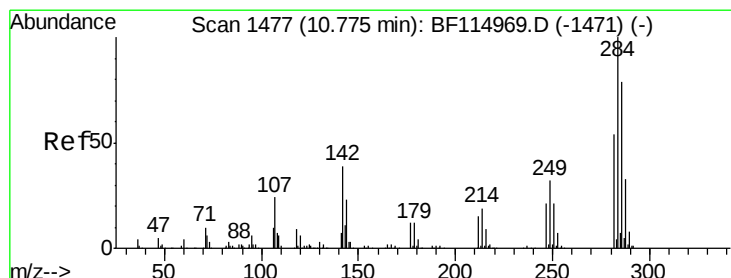
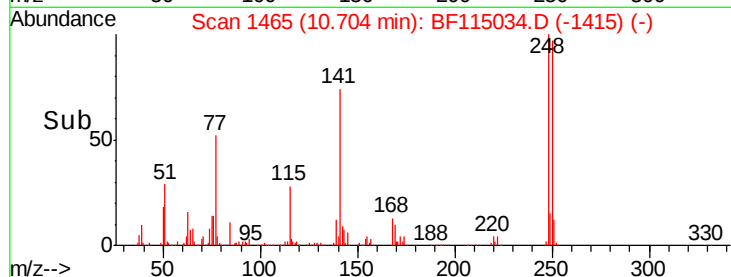
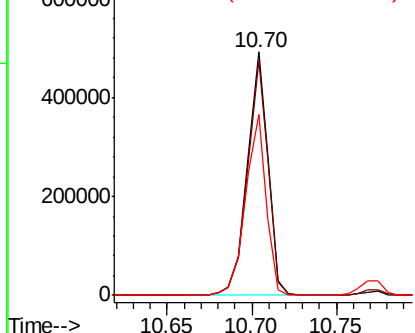
#67
4-Bromophenyl-phenylether
Concen: 43.218 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF115034.D
Acq: 14 Jun 2019 12:44

Instrument :
BNA_F
ClientSampleId :
PB120572BS

Tot Ion:248 Resp: 425391
Ion Ratio Lower Upper
248 100
250 96.5 77.8 116.8
141 74.3 53.1 79.7

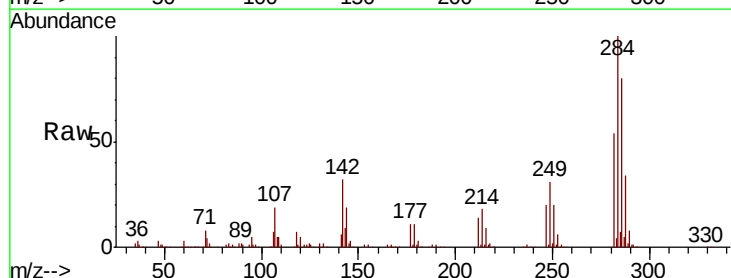


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

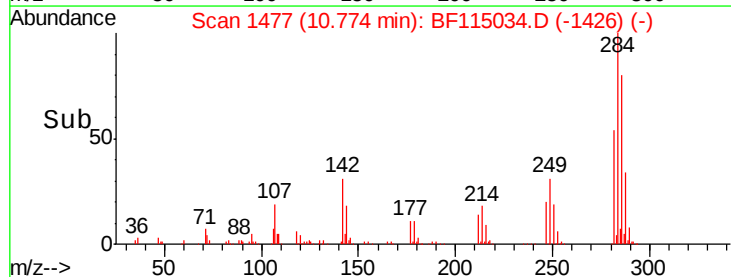
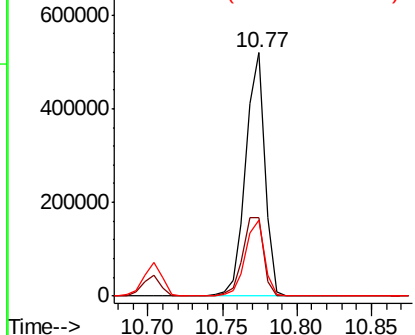


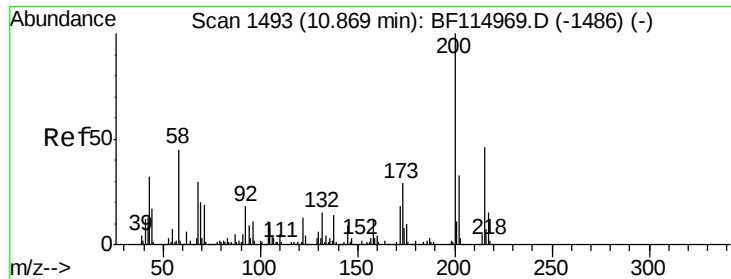
#68
Hexachlorobenzene
Concen: 42.785 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.00 min
Lab File: BF115034.D
Acq: 14 Jun 2019 12:44

Tgt Ion:284 Resp: 463630
Ion Ratio Lower Upper
284 100
142 32.0 31.5 47.3
249 31.4 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

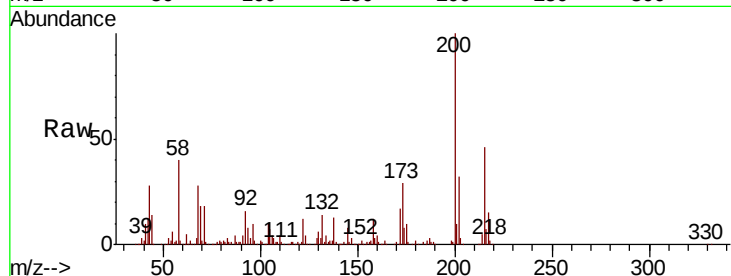




#69
Atrazine
Concen: 44.428 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BF115034.D
Acq: 14 Jun 2019 12:44

Instrument :
BNA_F
ClientSampleId :
PB120572BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.5	9.0	49.0
215	46.4	26.5	66.5

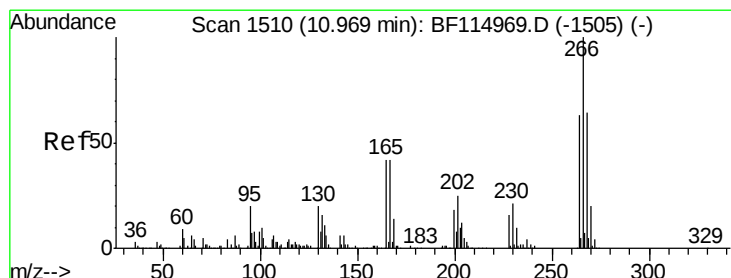
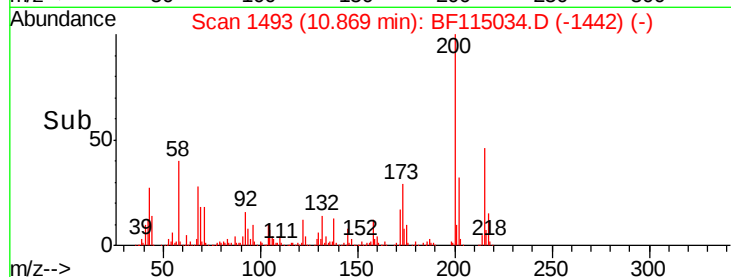
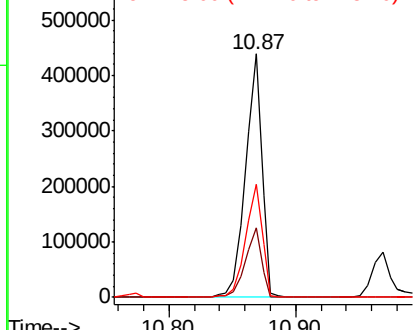


Abundance

Ion 200.00 (199.70 to 200.70): E

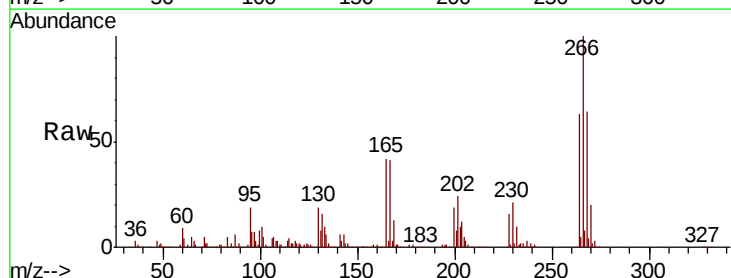
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 90.112 ng
RT: 10.97 min Scan# 1510
Delta R.T. -0.00 min
Lab File: BF115034.D
Acq: 14 Jun 2019 12:44

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	51.4	77.2
264	63.2	50.3	75.5

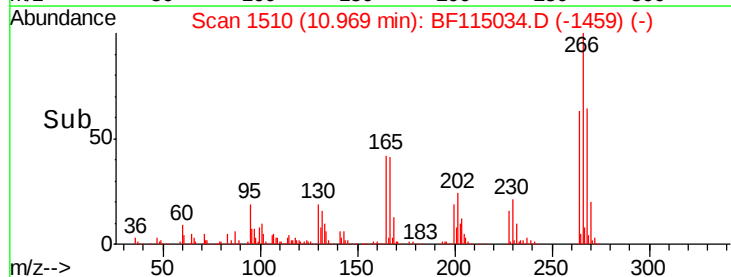
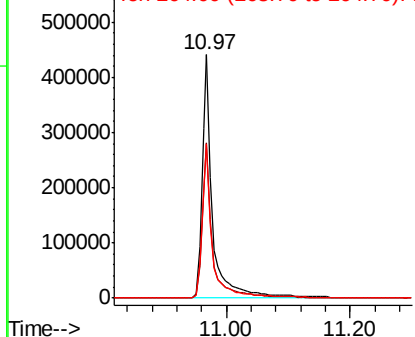


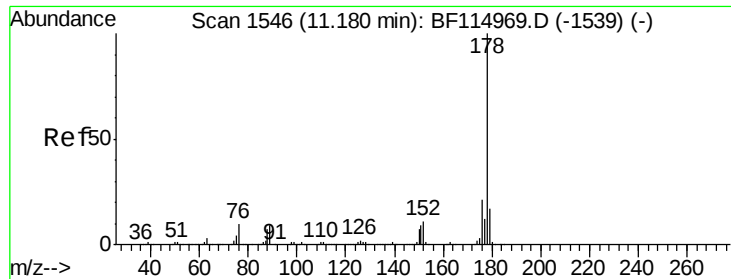
Abundance

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

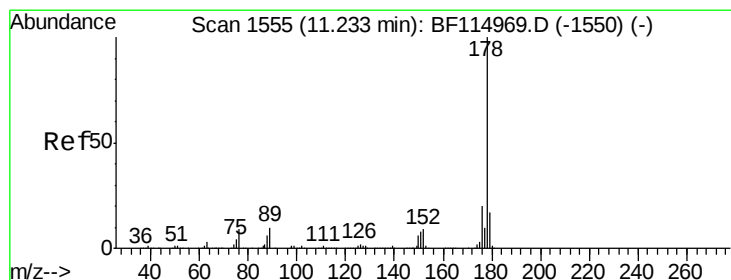
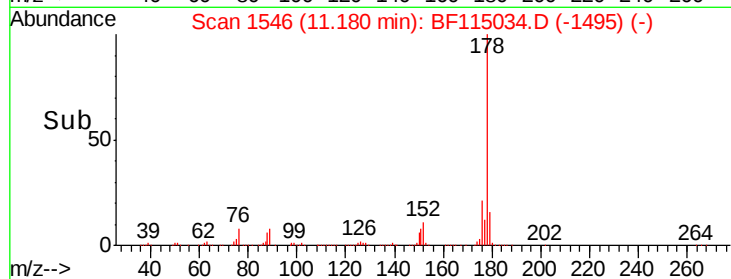
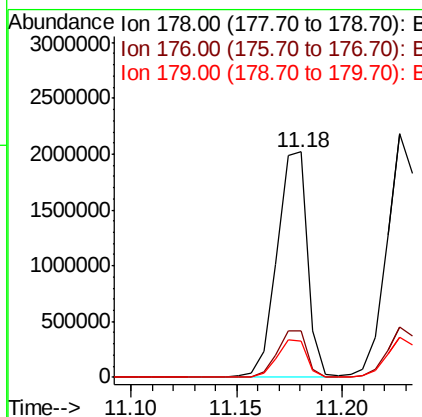
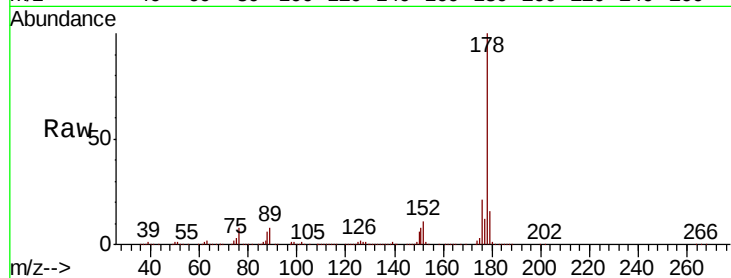




#71
Phenanthrene
Concen: 42.982 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.00 min
Lab File: BF115034.D
Acq: 14 Jun 2019 12:44

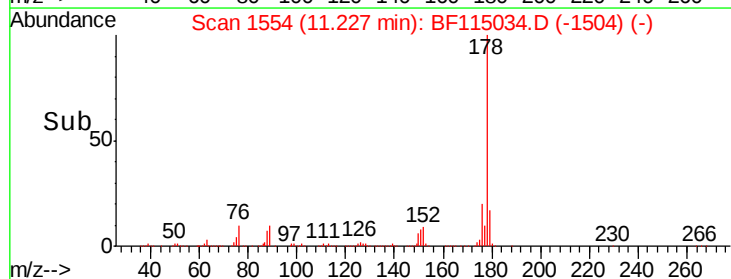
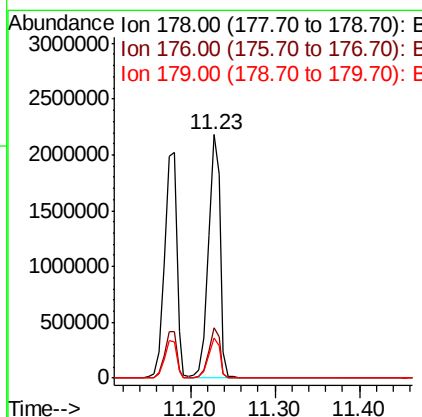
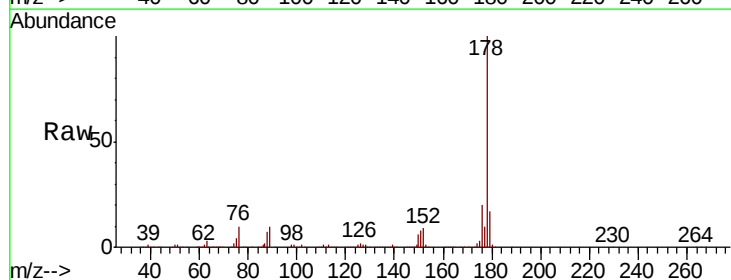
Instrument :
BNA_F
ClientSampleId :
PB120572BS

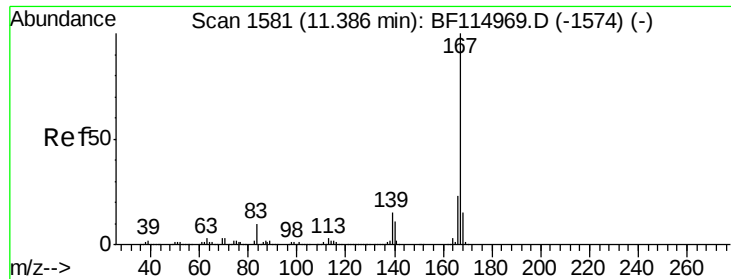
Tot Ion:178 Resp: 2034375
Ion Ratio Lower Upper
178 100
176 20.5 16.9 25.3
179 15.9 13.4 20.0



#72
Anthracene
Concen: 44.707 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF115034.D
Acq: 14 Jun 2019 12:44

Tgt Ion:178 Resp: 2134747
Ion Ratio Lower Upper
178 100
176 20.5 16.2 24.4
179 16.6 13.2 19.8

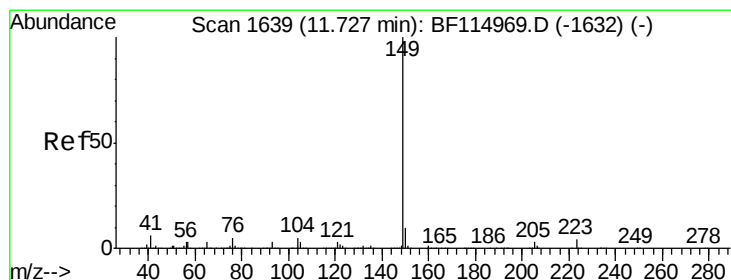
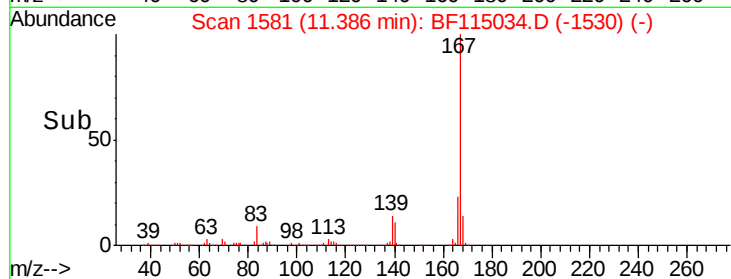
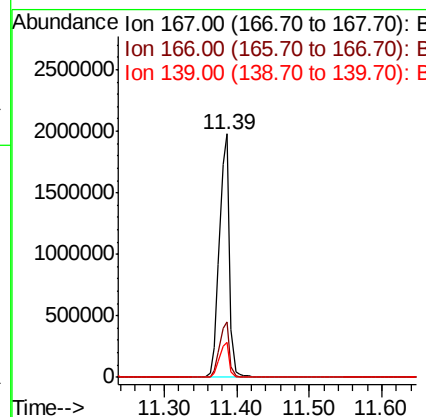
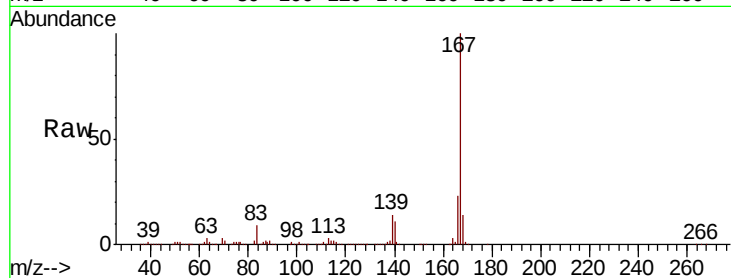




#73
 Carbazole
 Concen: 45.984 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.00 min
 Lab File: BF115034.D
 Acq: 14 Jun 2019 12:44

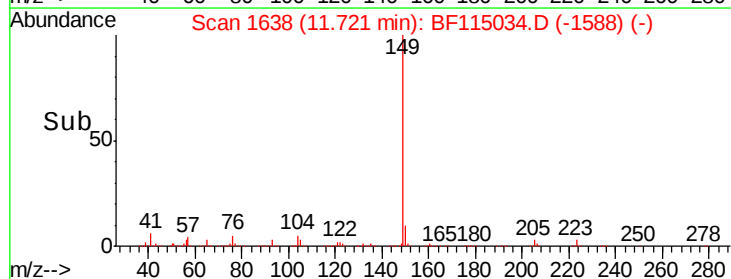
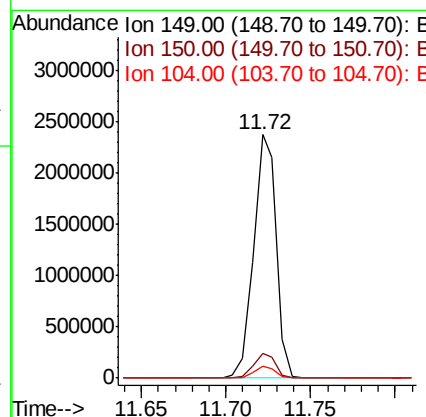
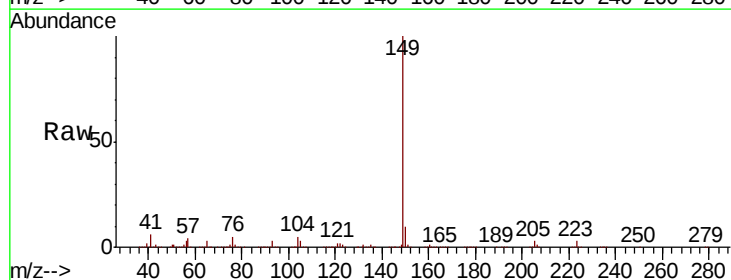
Instrument :
 BNA_F
 ClientSampleId :
 PB120572BS

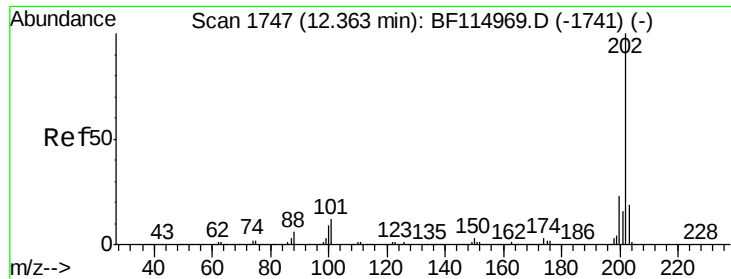
Tot Ion:167 Resp: 1916490
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.5 27.7
 139 14.2 12.0 18.0



#74
 Di-n-butylphthalate
 Concen: 42.170 ng
 RT: 11.72 min Scan# 1638
 Delta R.T. -0.01 min
 Lab File: BF115034.D
 Acq: 14 Jun 2019 12:44

Tgt Ion:149 Resp: 2215689
 Ion Ratio Lower Upper
 149 100
 150 10.0 8.1 12.1
 104 5.0 4.0 6.0





#75

Fluoranthene

Concen: 44.284 ng

RT: 12.36 min Scan# 1746

Delta R.T. -0.01 min

Lab File: BF115034.D

Acq: 14 Jun 2019 12:44

Instrument :

BNA_F

ClientSampleId :

PB120572BS

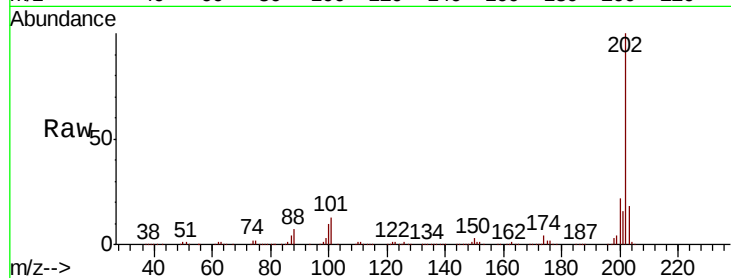
Tot Ion:202 Resp: 2143290

Ion Ratio Lower Upper

202 100

101 13.2 0.0 32.4

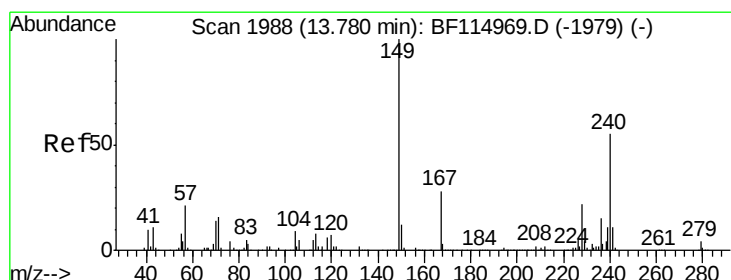
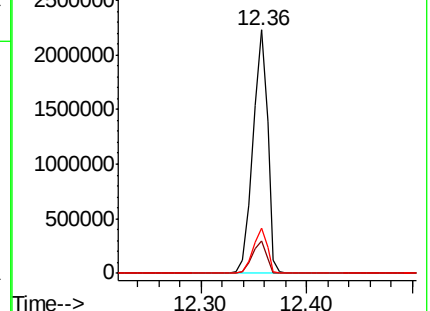
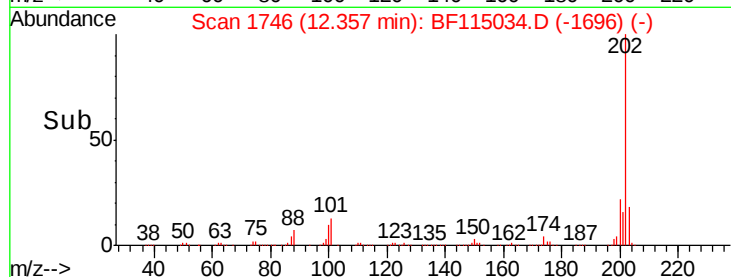
203 18.5 0.0 38.6



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: 13.77 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BF115034.D

Acq: 14 Jun 2019 12:44

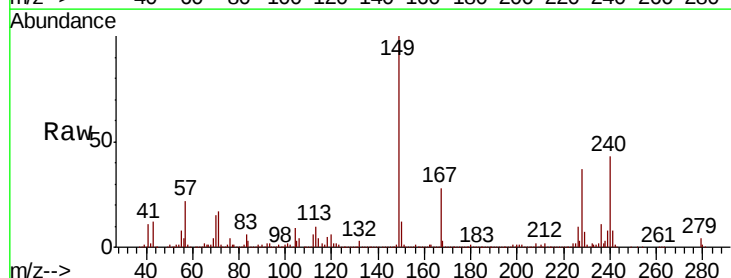
Tgt Ion:240 Resp: 582455

Ion Ratio Lower Upper

240 100

120 13.2 10.0 15.0

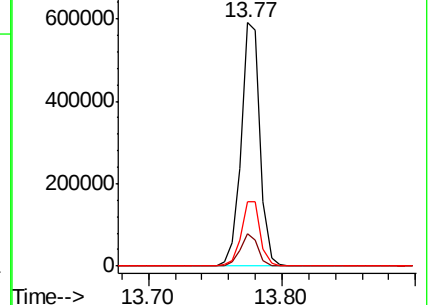
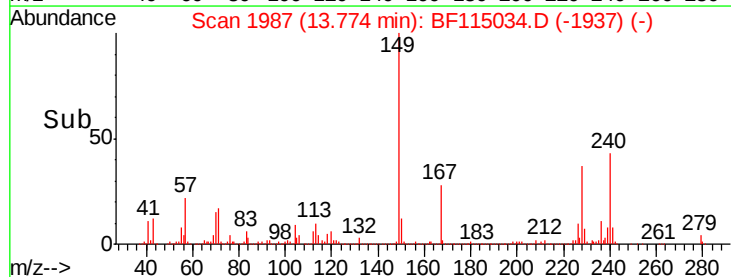
236 26.5 21.6 32.4

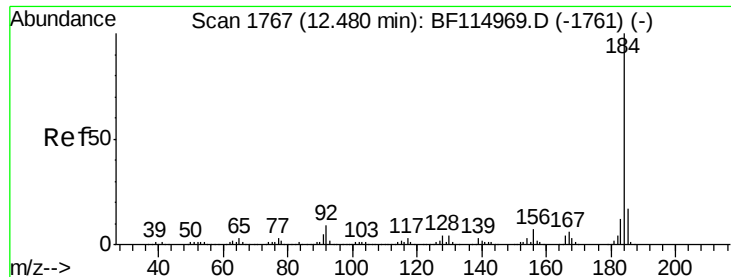


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 33.887 ng

RT: 12.48 min Scan# 1767

Delta R.T. -0.00 min

Lab File: BF115034.D

Acq: 14 Jun 2019 12:44

Instrument :

BNA_F

ClientSampleId :

PB120572BS

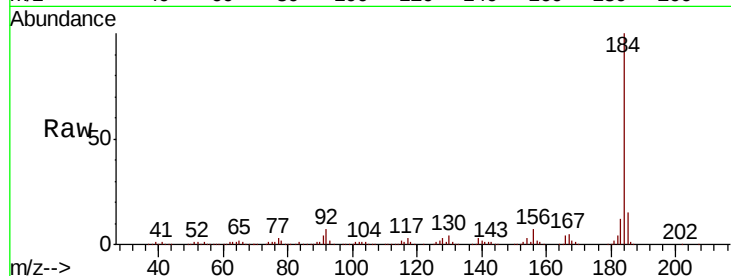
Tot Ion:184 Resp: 798342

Ion Ratio Lower Upper

184 100

185 15.0 13.4 20.0

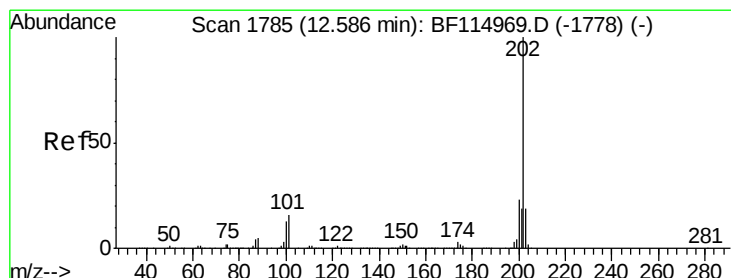
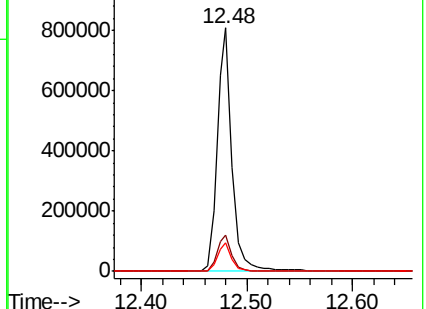
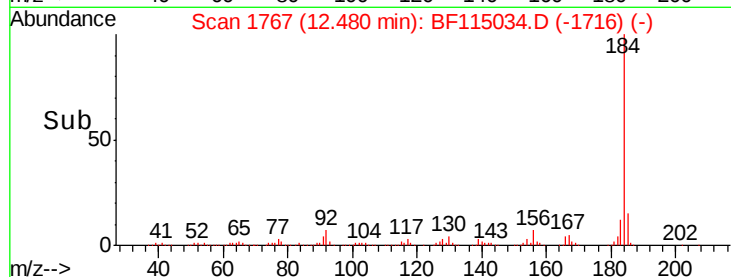
183 11.9 9.8 14.6



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: 40.725 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF115034.D

Acq: 14 Jun 2019 12:44

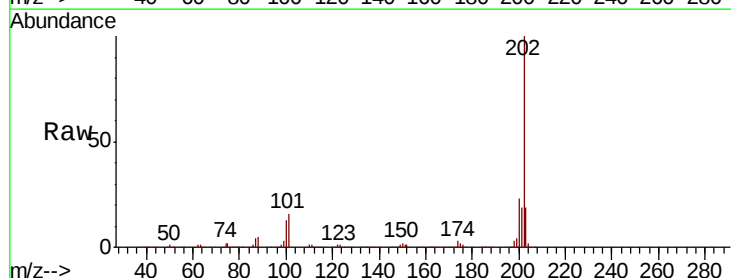
Tgt Ion:202 Resp: 2160887

Ion Ratio Lower Upper

202 100

200 22.8 18.4 27.6

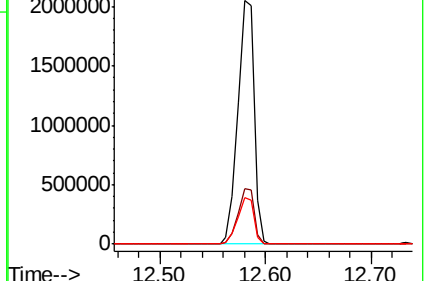
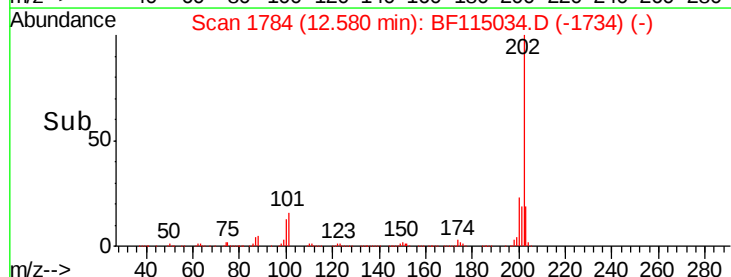
203 18.9 14.9 22.3

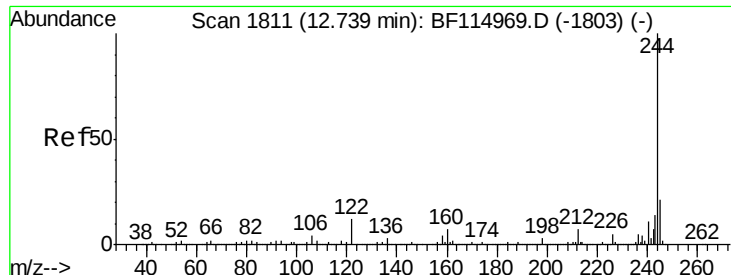


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

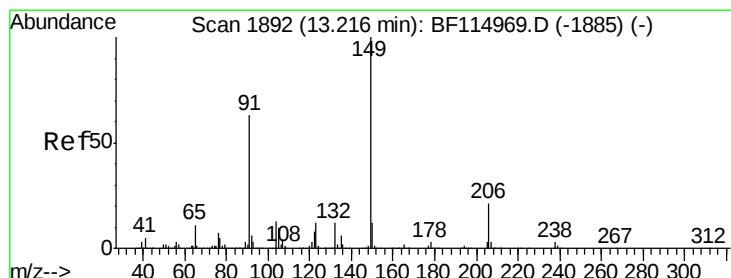
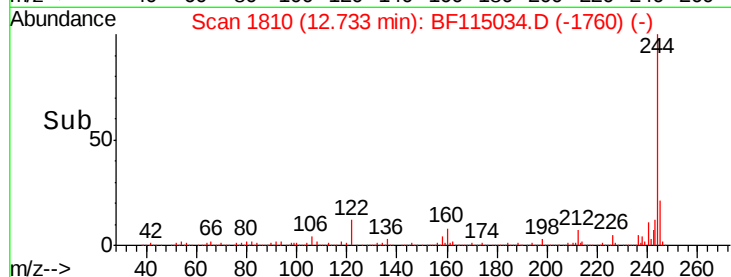
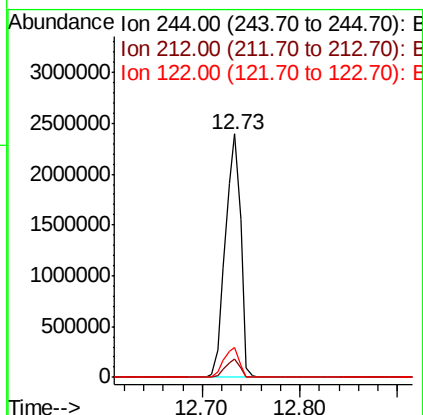
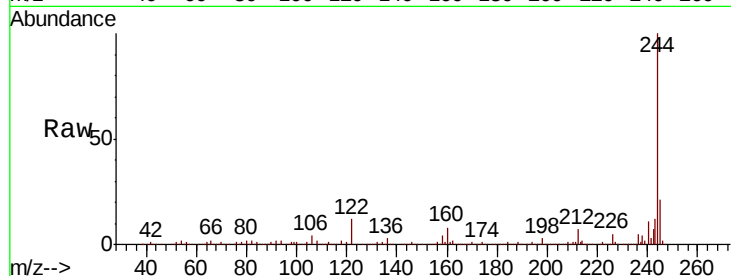




#79
 Terphenyl-d14
 Concen: 84.186 ng
 RT: 12.73 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: BF115034.D
 Acq: 14 Jun 2019 12:44

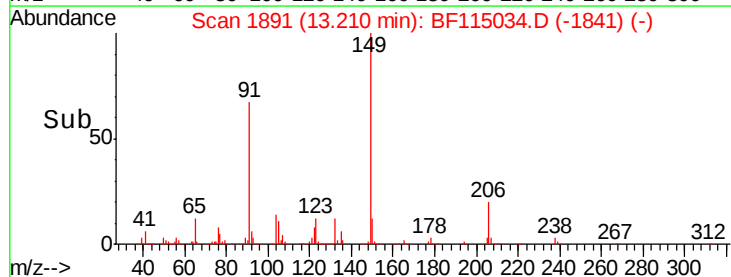
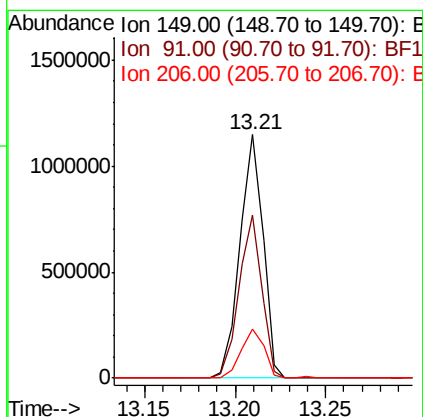
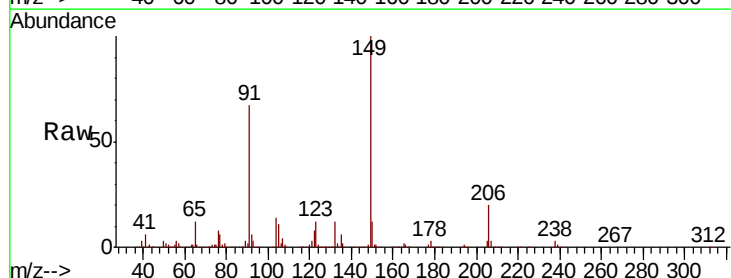
Instrument :
 BNA_F
 ClientSampleId :
 PB120572BS

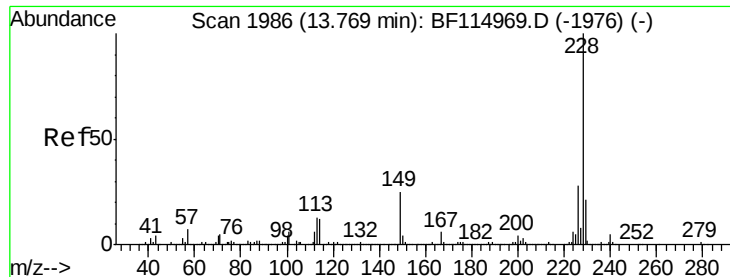
Tot Ion:244 Resp: 2607006
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 12.3 9.4 14.0



#80
 Butylbenzylphthalate
 Concen: 41.119 ng
 RT: 13.21 min Scan# 1891
 Delta R.T. -0.01 min
 Lab File: BF115034.D
 Acq: 14 Jun 2019 12:44

Tgt Ion:149 Resp: 1019075
 Ion Ratio Lower Upper
 149 100
 91 67.0 50.6 76.0
 206 20.0 16.7 25.1





#81

Benzo(a)anthracene

Concen: 42.352 ng

RT: 13.76 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BF115034.D

Acq: 14 Jun 2019 12:44

Instrument :

BNA_F

ClientSampleId :

PB120572BS

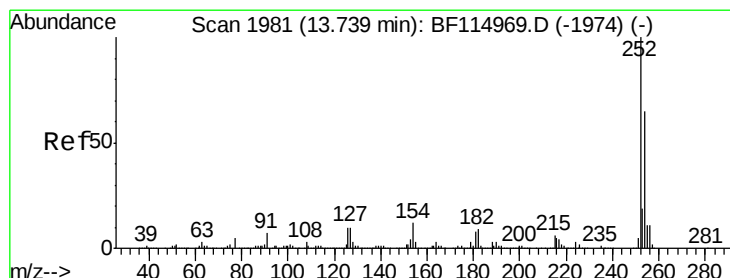
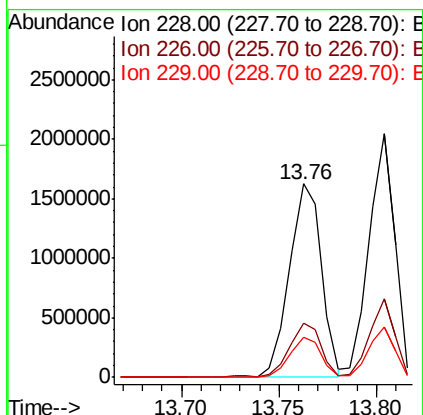
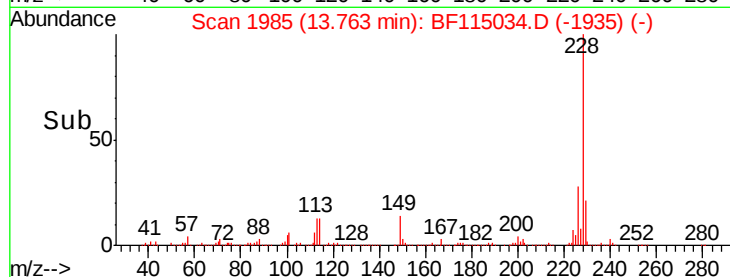
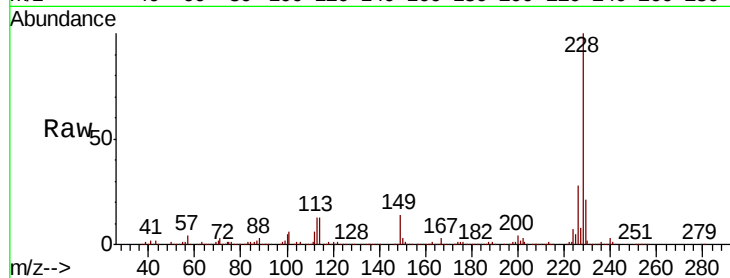
Tot Ion:228 Resp: 1845966

Ion Ratio Lower Upper

228 100

226 27.7 22.0 33.0

229 20.5 16.6 25.0



#82

3,3'-Dichlorobenzidine

Concen: 35.851 ng

RT: 13.73 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BF115034.D

Acq: 14 Jun 2019 12:44

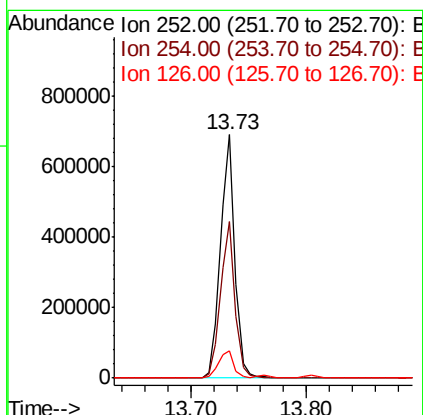
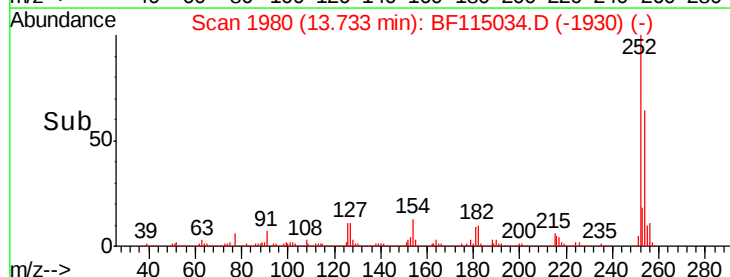
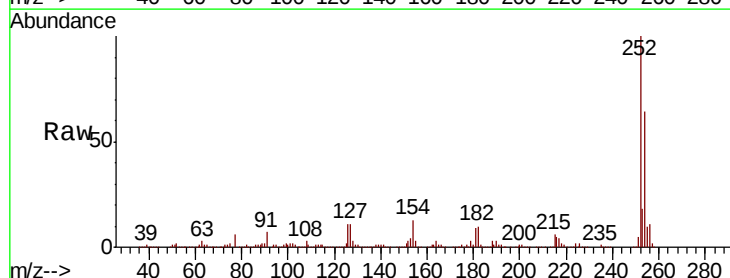
Tgt Ion:252 Resp: 599084

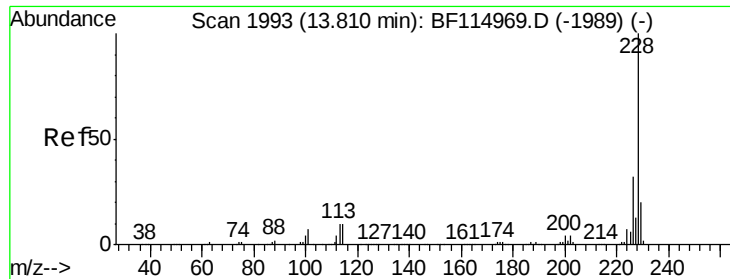
Ion Ratio Lower Upper

252 100

254 64.4 52.2 78.4

126 11.1 8.0 12.0

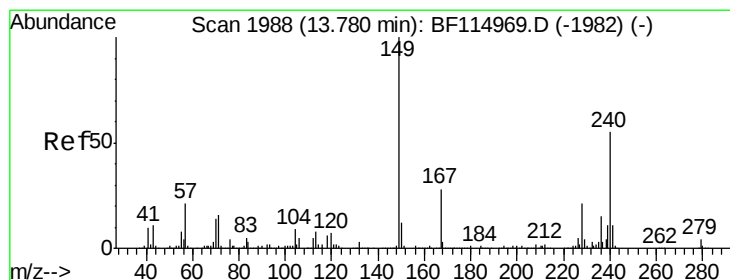
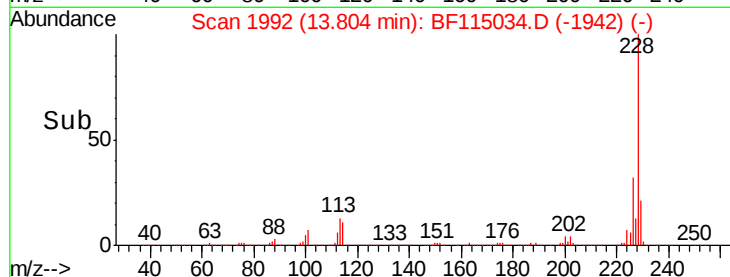
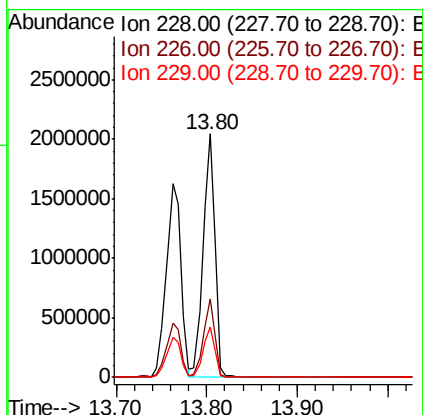
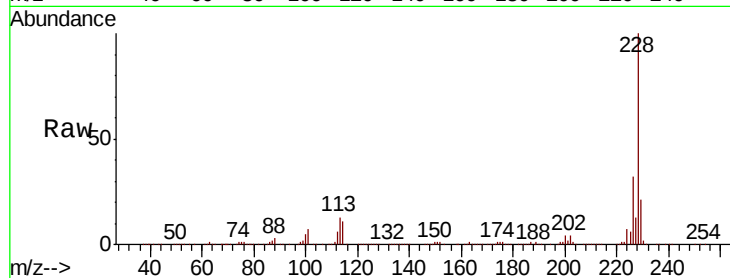




#83
 Chrysene
 Concen: 43.643 ng
 RT: 13.80 min Scan# 1992
 Delta R.T. -0.01 min
 Lab File: BF115034.D
 Acq: 14 Jun 2019 12:44

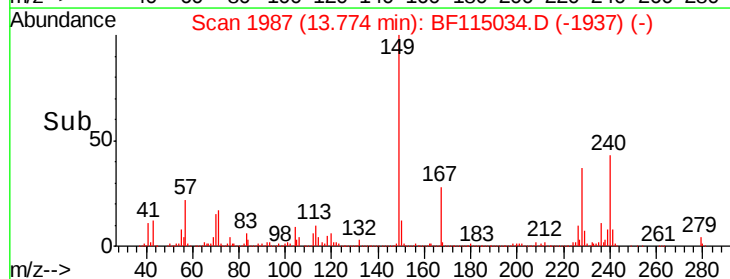
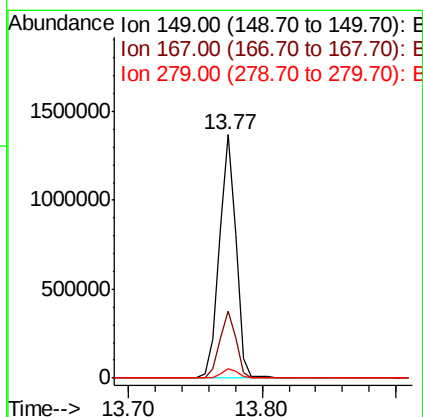
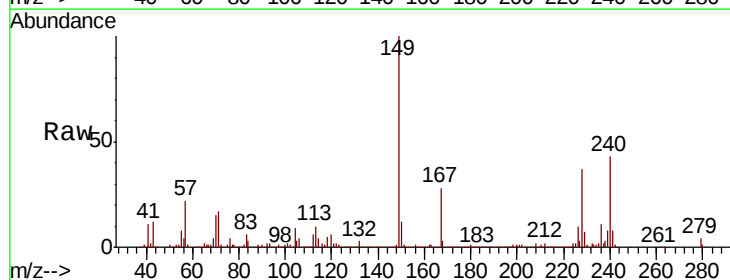
Instrument :
 BNA_F
 ClientSampleID :
 PB120572BS

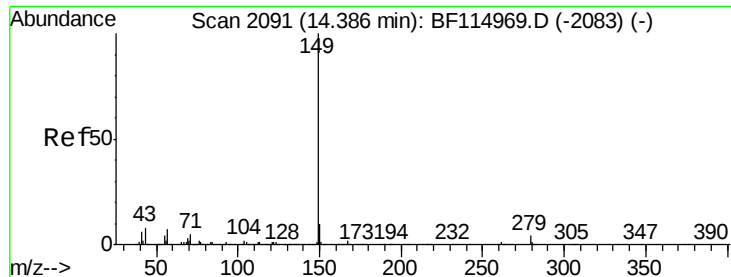
Tot Ion:228 Resp: 1891613
 Ion Ratio Lower Upper
 228 100
 226 32.1 25.4 38.0
 229 20.8 16.4 24.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.180 ng
 RT: 13.77 min Scan# 1987
 Delta R.T. -0.01 min
 Lab File: BF115034.D
 Acq: 14 Jun 2019 12:44

Tgt Ion:149 Resp: 1206219
 Ion Ratio Lower Upper
 149 100
 167 27.5 22.2 33.4
 279 4.0 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 44.052 ng

RT: 14.38 min Scan# 2090

Delta R.T. -0.01 min

Lab File: BF115034.D

Acq: 14 Jun 2019 12:44

Instrument :

BNA_F

ClientSampleId :

PB120572BS

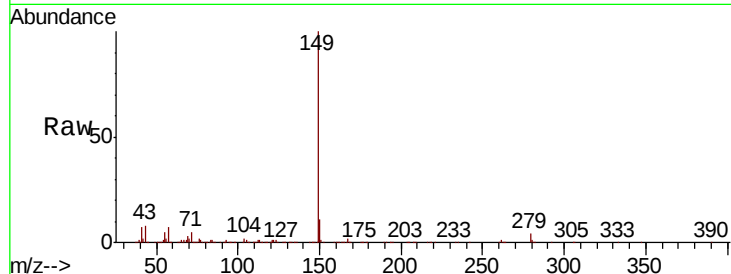
Tot Ion:149 Resp: 2222000

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

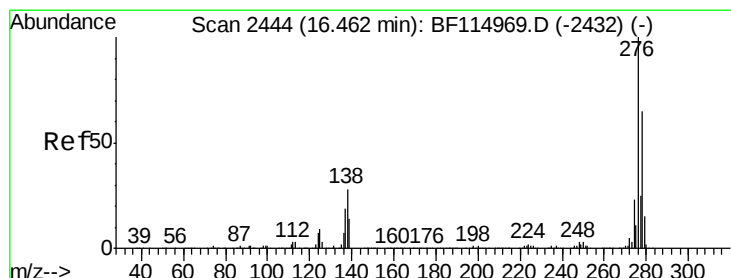
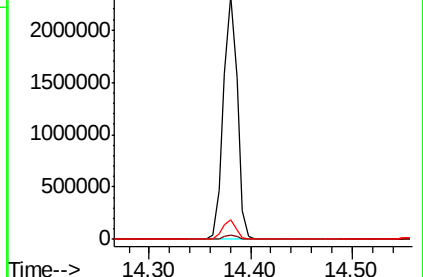
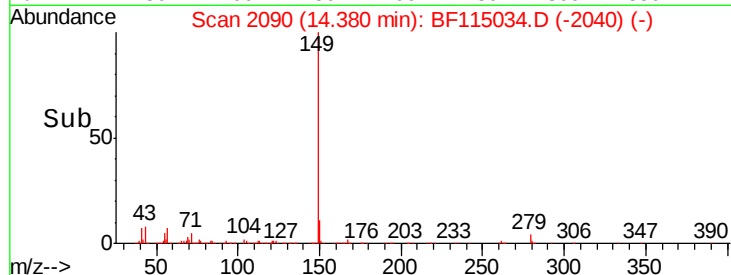
43 7.9 6.5 9.7



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: 42.629 ng

RT: 16.46 min Scan# 2443

Delta R.T. -0.01 min

Lab File: BF115034.D

Acq: 14 Jun 2019 12:44

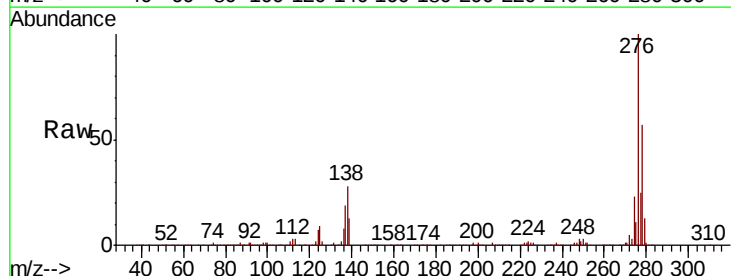
Tgt Ion:276 Resp: 1622996

Ion Ratio Lower Upper

276 100

138 28.9 23.0 34.4

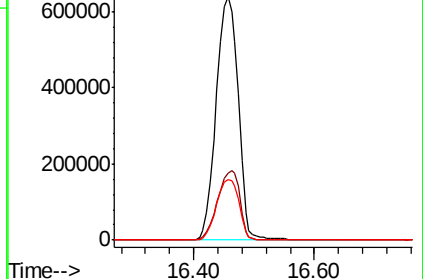
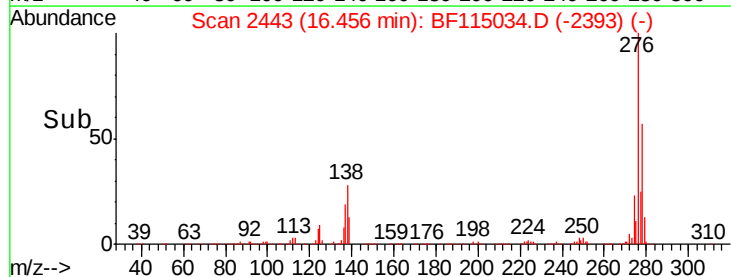
277 25.7 20.6 30.8

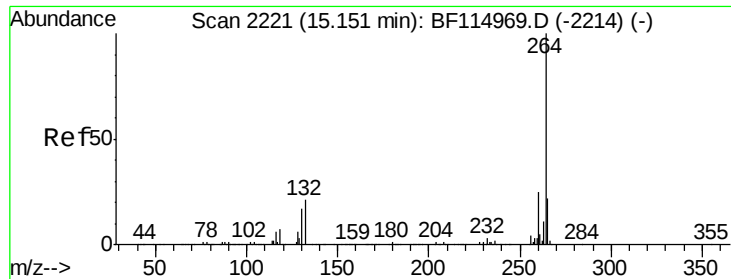


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



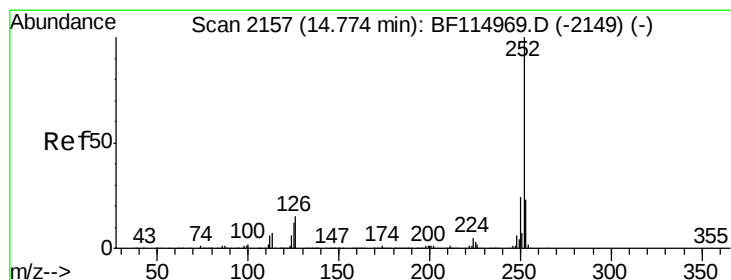
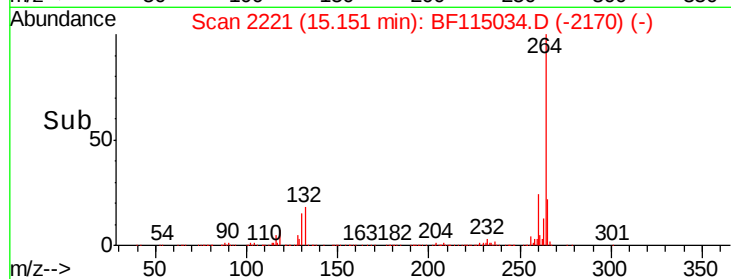
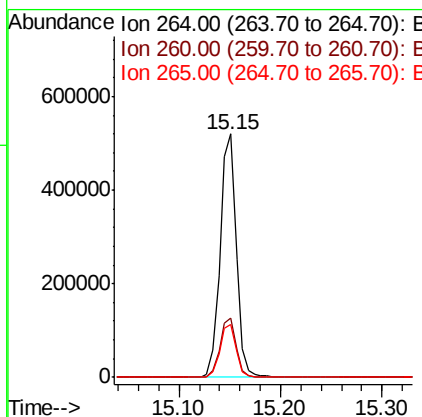
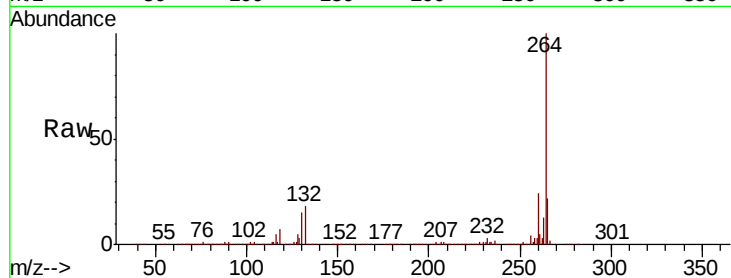


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.00 min
Lab File: BF115034.D
Acq: 14 Jun 2019 12:44

Instrument :
BNA_F
ClientSampleId :
PB120572BS

Tot Ion:264 Resp: 574518

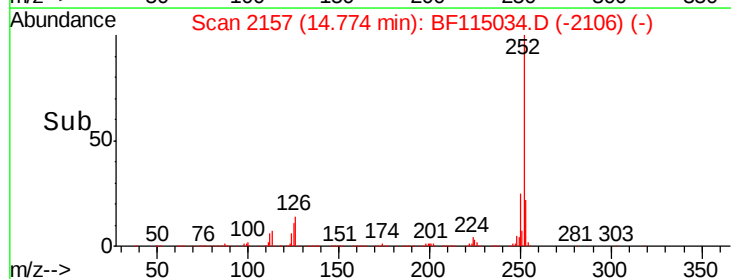
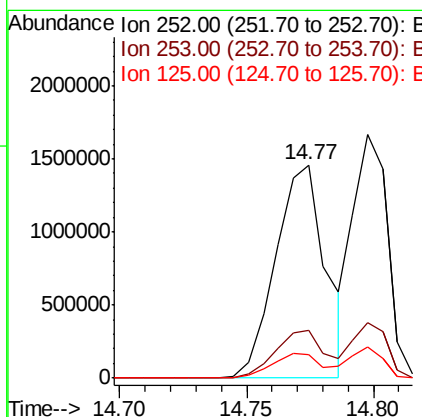
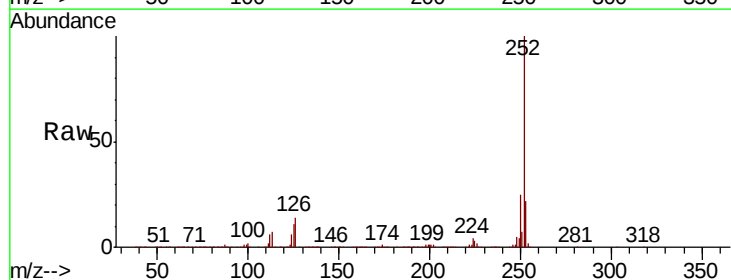
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.9	29.9
265	22.0	17.6	26.4

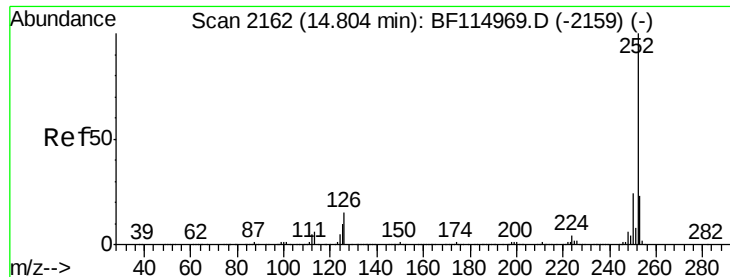


#88
Benzo(b)fluoranthene
Concen: 52.273 ng
RT: 14.77 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BF115034.D
Acq: 14 Jun 2019 12:44

Tgt Ion:252 Resp: 1996410

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	10.7	9.4	14.0

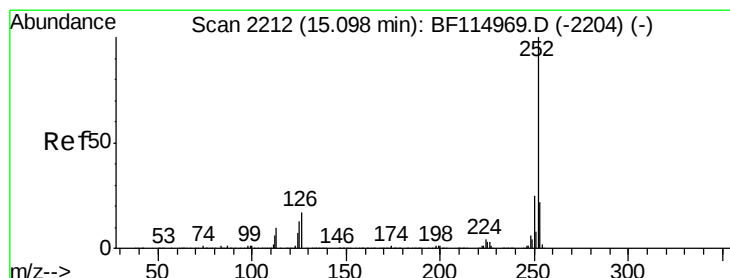
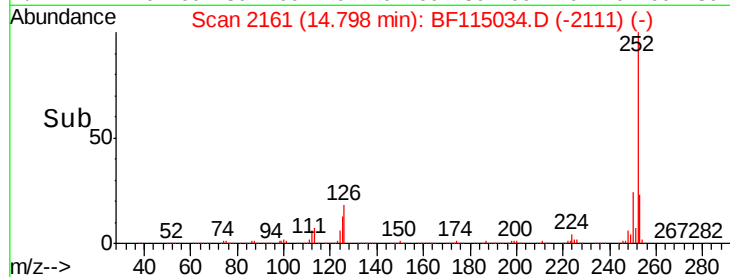
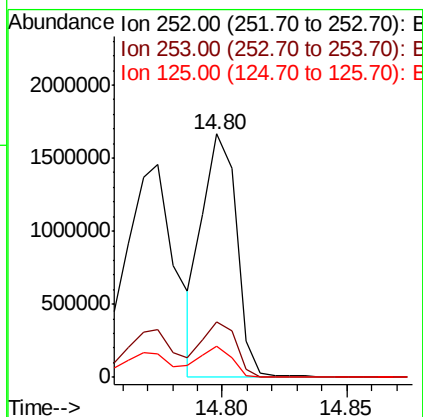
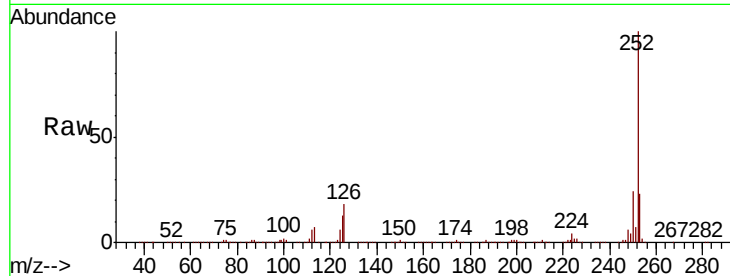




#89
Benzo(k)fluoranthene
Concen: 47.813 ng m
RT: 14.80 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BF115034.D
Acq: 14 Jun 2019 12:44

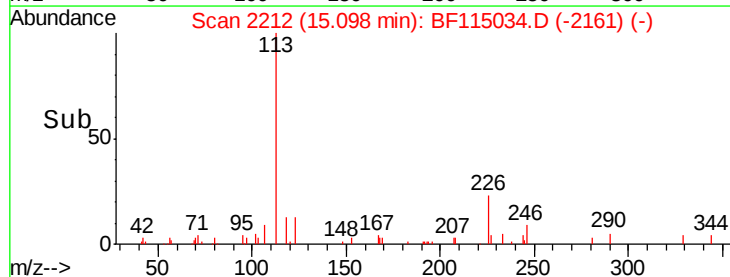
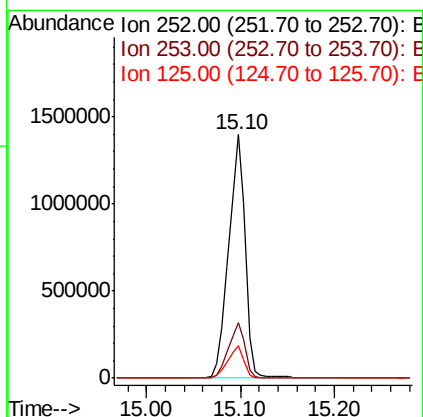
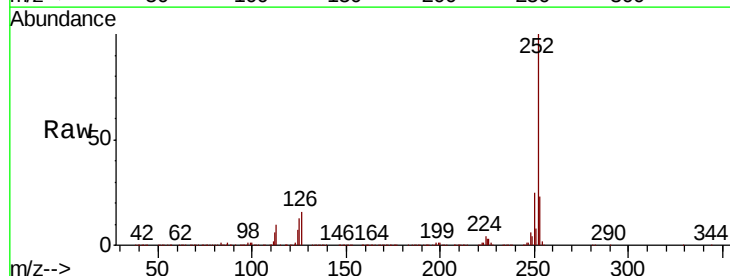
Instrument :
BNA_F
ClientSampleId :
PB120572BS

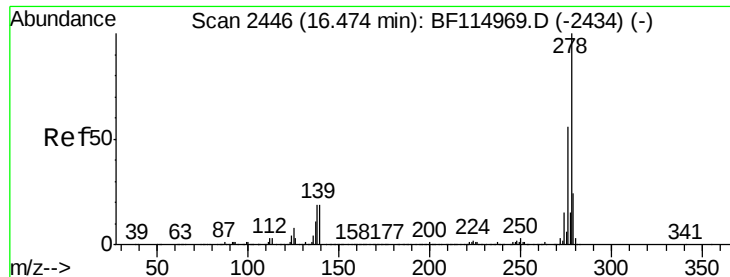
Tot Ion:252 Resp: 1602811
Ion Ratio Lower Upper
252 100
253 22.9 18.0 27.0
125 12.7 8.2 12.4#



#90
Benzo(a)pyrene
Concen: 51.662 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.00 min
Lab File: BF115034.D
Acq: 14 Jun 2019 12:44

Tgt Ion:252 Resp: 1702557
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 13.1 10.7 16.1





#91

Dibenzo(a,h)anthracene

Concen: 47.520 ng

RT: 16.47 min Scan# 2446

Delta R.T. -0.00 min

Lab File: BF115034.D

Acq: 14 Jun 2019 12:44

Instrument :

BNA_F

ClientSampleId :

PB120572BS

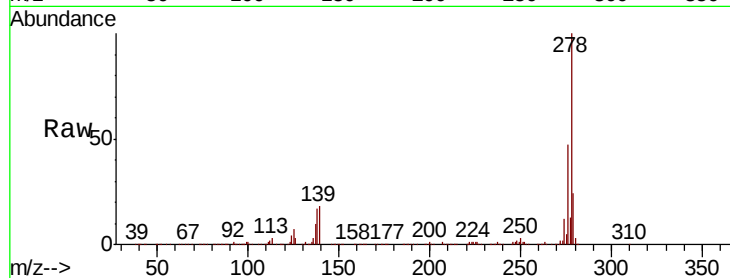
Tot Ion:278 Resp: 1348675

Ion Ratio Lower Upper

278 100

139 17.8 15.3 22.9

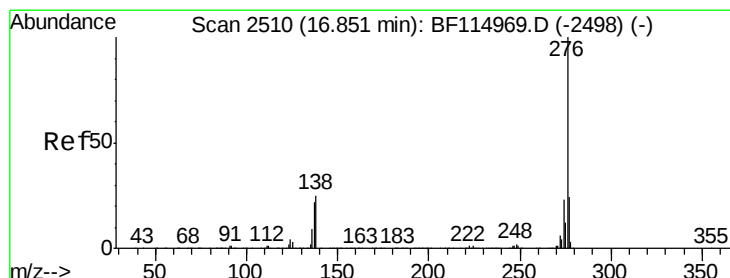
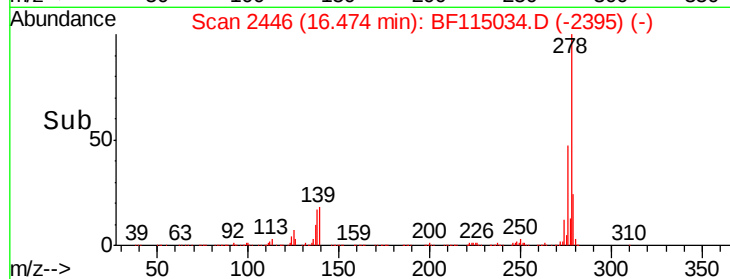
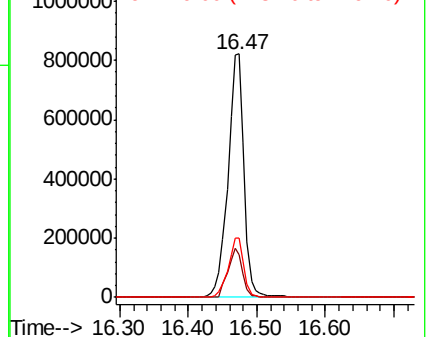
279 24.3 19.2 28.8



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: 46.818 ng

RT: 16.84 min Scan# 2509

Delta R.T. -0.01 min

Lab File: BF115034.D

Acq: 14 Jun 2019 12:44

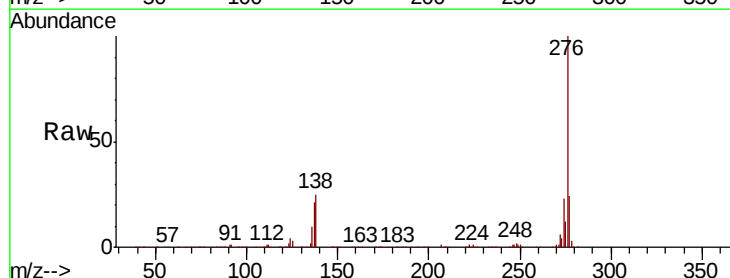
Tgt Ion:276 Resp: 1355116

Ion Ratio Lower Upper

276 100

277 23.6 18.8 28.2

138 25.0 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

