

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
 Data File : BF116768.D
 Acq On : 3 Sep 2019 13:18
 Operator : HP/JU
 Sample : PB122729BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 03 14:38:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	153217	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	651426	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	343396	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	555559	20.00	ng	0.00
76) Chrysene-d12	14.00	240	373725	20.00	ng	0.00
87) Perylene-d12	15.45	264	325168	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1046113	110.61	ng	0.02
7) Phenol-d6	6.49	99	1365077	109.92	ng	0.00
23) Nitrobenzene-d5	7.41	82	795321	69.70	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	288300	125.58	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1375432	67.57	ng	0.00
79) Terphenyl-d14	12.95	244	1289623	63.84	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	189048	43.302	ng	98
3) Pyridine	3.45	79	452944	35.832	ng	93
4) n-Nitrosodimethylamine	3.39	42	171975	39.619	ng	# 74
6) Aniline	6.51	93	556269	32.340	ng	97
8) 2-Chlorophenol	6.64	128	470542	45.577	ng	99
9) Benzaldehyde	6.39	77	319432	39.043	ng	99
10) Phenol	6.50	94	594904	43.261	ng	98
11) bis(2-Chloroethyl)ether	6.59	93	457649	42.741	ng	99
12) 1,3-Dichlorobenzene	6.79	146	480136	41.148	ng	97
13) 1,4-Dichlorobenzene	6.87	146	488180	42.023	ng	99
14) 1,2-Dichlorobenzene	7.02	146	450613	41.857	ng	97
15) Benzyl Alcohol	6.99	79	436607	43.311	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.12	45	516859	41.142	ng	100
17) 2-Methylphenol	7.10	107	402079	44.489	ng	96
18) Hexachloroethane	7.36	117	183270	40.606	ng	89
19) n-Nitroso-di-n-propylamine	7.26	70	336752	41.183	ng	92
20) 3+4-Methylphenols	7.26	107	473926	45.100	ng	# 80
22) Acetophenone	7.26	105	652726	41.620	ng	# 97
24) Nitrobenzene	7.43	77	516942	44.543	ng	93
25) Isophorone	7.67	82	959090	41.478	ng	99
26) 2-Nitrophenol	7.75	139	244183	56.593	ng	92
27) 2,4-Dimethylphenol	7.79	122	427875	49.102	ng	94
28) bis(2-Chloroethoxy)methane	7.88	93	592825	41.955	ng	100
29) 2,4-Dichlorophenol	7.99	162	388749	46.421	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	379163	41.744	ng	98
31) Naphthalene	8.15	128	1345908	43.450	ng	99
32) Benzoic acid	7.91	122	280888	57.088	ng	91
33) 4-Chloroaniline	8.20	127	329507	23.369	ng	95
34) Hexachlorobutadiene	8.27	225	198062	39.992	ng	98
35) Caprolactam	8.57	113	81959	26.151	ng	94
36) 4-Chloro-3-methylphenol	8.68	107	436838	45.386	ng	95
37) 2-Methylnaphthalene	8.85	142	918748	44.578	ng	97
38) 1-Methylnaphthalene	8.95	142	846514	43.510	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	337128	40.954	ng	# 98

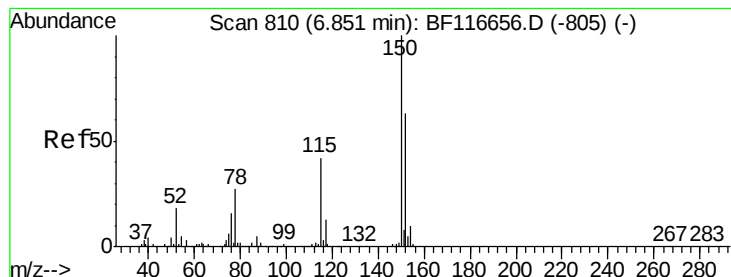
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	358389	75.393	ng	97
43) 2,4,6-Trichlorophenol	9.12	196	260790	46.216	ng	97
44) 2,4,5-Trichlorophenol	9.16	196	275451	47.019	ng	97
46) 1,1'-Biphenyl	9.31	154	1061589	40.741	ng	97
47) 2-Chloronaphthalene	9.33	162	843964	40.893	ng	99
48) 2-Nitroaniline	9.42	65	270718	45.372	ng	97
49) Acenaphthylene	9.75	152	1326076	42.506	ng	100
50) Dimethylphthalate	9.61	163	985237	41.557	ng	98
51) 2,6-Dinitrotoluene	9.66	165	225091	49.762	ng	97
52) Acenaphthene	9.92	154	860928	44.913	ng	98
53) 3-Nitroaniline	9.83	138	187598	33.094	ng	97
54) 2,4-Dinitrophenol	9.94	184	170669	103.360	ng	89
55) Dibenzofuran	10.09	168	1151210	42.602	ng	99
56) 4-Nitrophenol	10.00	139	382708	98.462	ng	85
57) 2,4-Dinitrotoluene	10.07	165	303600	54.892	ng	98
58) Fluorene	10.43	166	883647	42.916	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.21	232	212640	50.293	ng	98
60) Diethylphthalate	10.30	149	979857	41.260	ng	98
61) 4-Chlorophenyl-phenylether	10.42	204	382942	42.472	ng	94
62) 4-Nitroaniline	10.45	138	255544	46.452	ng	90
63) Azobenzene	10.59	77	1021128	41.236	ng	91
65) 4,6-Dinitro-2-methylphenol	10.48	198	125891	59.428	ng	89
66) n-Nitrosodiphenylamine	10.55	169	808738	42.081	ng	97
67) 4-Bromophenyl-phenylether	10.92	248	235199	41.674	ng	90
68) Hexachlorobenzene	10.99	284	243057	41.163	ng	96
69) Atrazine	11.07	200	229077	42.558	ng	98
70) Pentachlorophenol	11.17	266	284057	99.445	ng	98
71) Phenanthrene	11.39	178	1279265	41.365	ng	98
72) Anthracene	11.45	178	1302654	41.844	ng	99
73) Carbazole	11.60	167	1235843	41.675	ng	100
74) Di-n-butylphthalate	11.93	149	1549647	40.763	ng	99
75) Fluoranthene	12.58	202	1289774	42.437	ng	99
77) Benzidine	12.69	184	461223	31.465	ng	99
78) Pyrene	12.80	202	1296087	39.013	ng	98
80) Butylbenzylphthalate	13.42	149	648240	40.125	ng	98
81) Benzo(a)anthracene	13.99	228	977244	41.316	ng	99
82) 3,3'-Dichlorobenzidine	13.94	252	271366	33.949	ng	97
83) Chrysene	14.03	228	988907	40.582	ng	99
84) Bis(2-ethylhexyl)phthalate	13.98	149	847467	42.495	ng	98
85) Di-n-octyl phthalate	14.59	149	1445213	44.283	ng	96
86) Indeno(1,2,3-cd)pyrene	16.90	276	767720	39.223	ng	# 93
88) Benzo(b)fluoranthene	15.03	252	919911	46.793	ng	99
89) Benzo(k)fluoranthene	15.06	252	789569	44.049	ng	99
90) Benzo(a)pyrene	15.39	252	807994	47.241	ng	97
91) Dibenzo(a,h)anthracene	16.92	278	627591	41.920	ng	# 93
92) Benzo(g,h,i)perylene	17.34	276	631368	41.351	ng	# 94

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

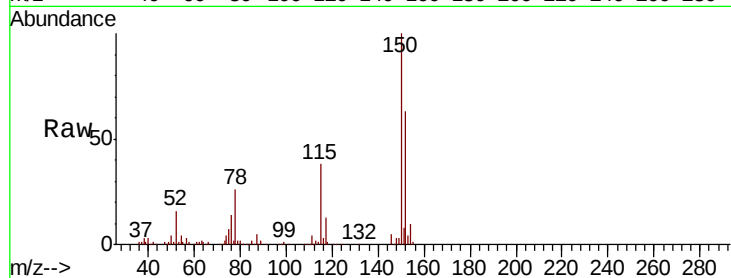


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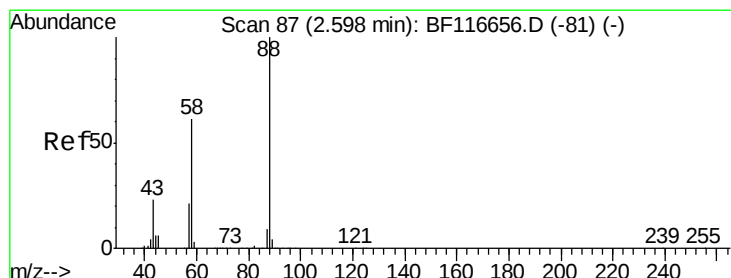
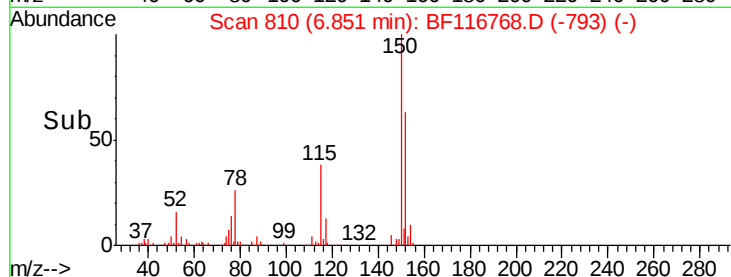
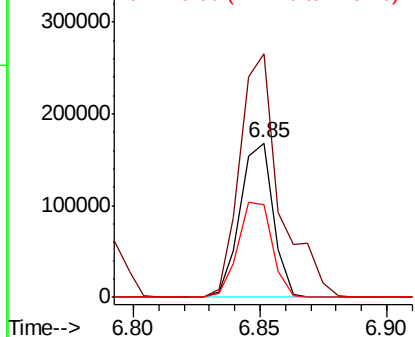
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.4	186.6
115	60.3	49.9	74.9



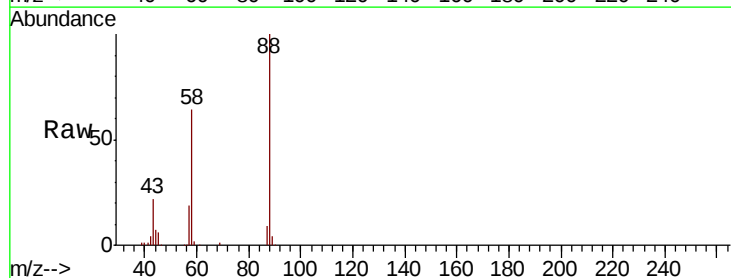
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



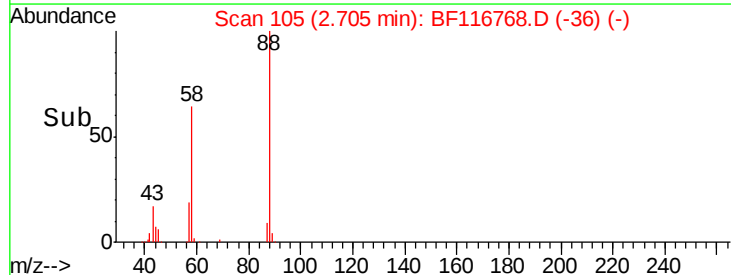
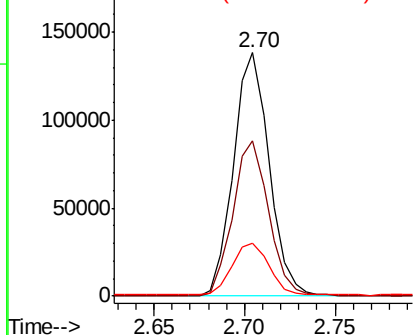
#2

1,4-Dioxane
Concen: 43.302 ng
RT: 2.70 min Scan# 105
Delta R.T. 0.11 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.2	51.7	77.5
43	22.0	19.8	29.8



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 35.832 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.10 min

Lab File: BF116768.D

Acq: 3 Sep 2019 13:18

Instrument :

BNA_F

ClientSampleId :

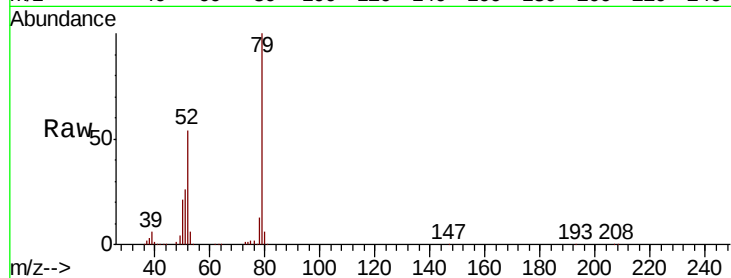
Tot Ion: 79 Resp: 452944

Ion Ratio Lower Upper

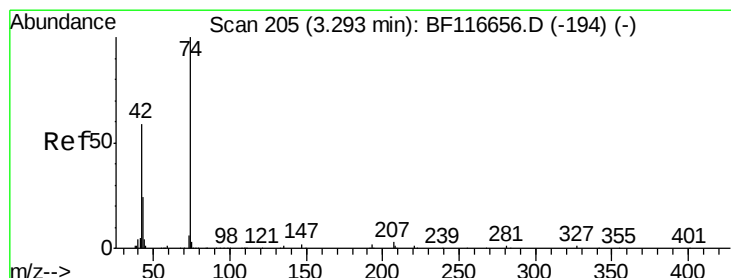
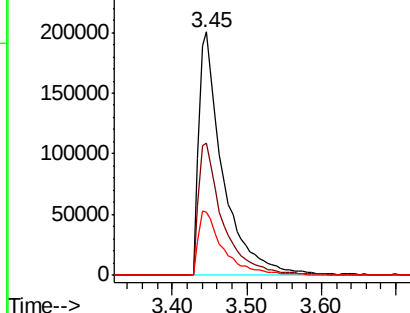
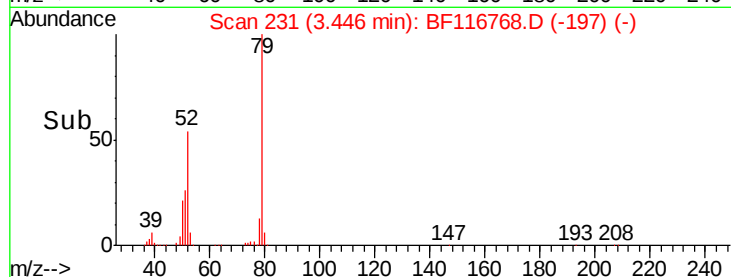
79 100

52 54.4 47.4 71.0

51 25.8 24.1 36.1



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 39.619 ng

RT: 3.39 min Scan# 221

Delta R.T. 0.09 min

Lab File: BF116768.D

Acq: 3 Sep 2019 13:18

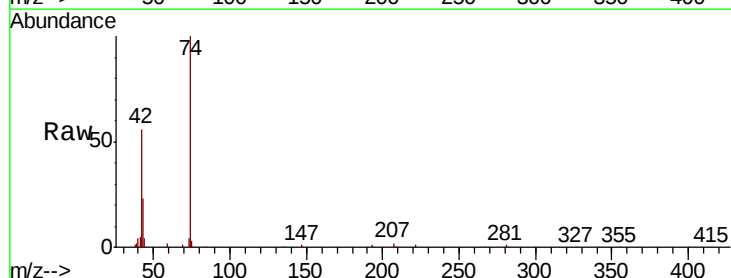
Tgt Ion: 42 Resp: 171975

Ion Ratio Lower Upper

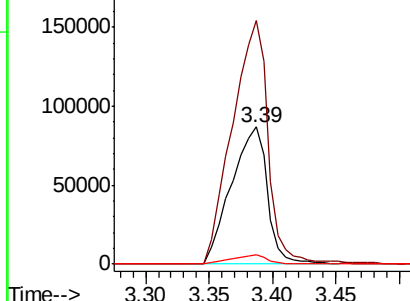
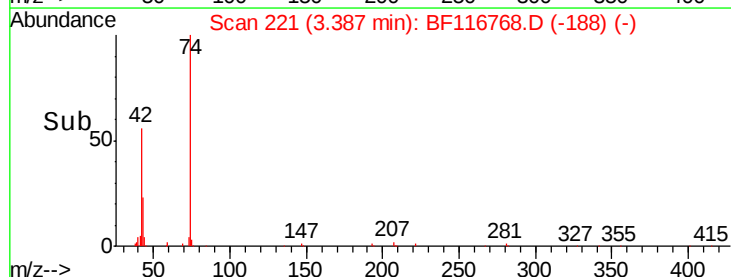
42 100

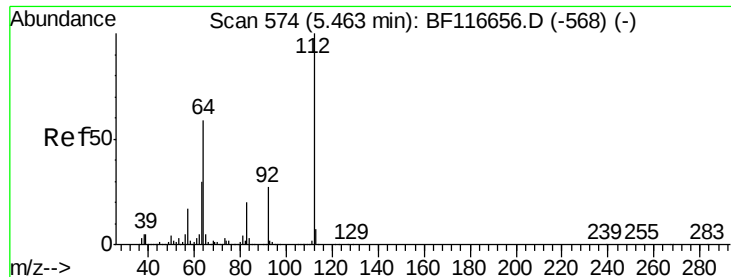
74 177.6 115.6 173.4#

44 6.5 4.6 7.0



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 110.612 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.02 min

Lab File: BF116768.D

Acq: 3 Sep 2019 13:18

Instrument :

BNA_F

ClientSampleId :

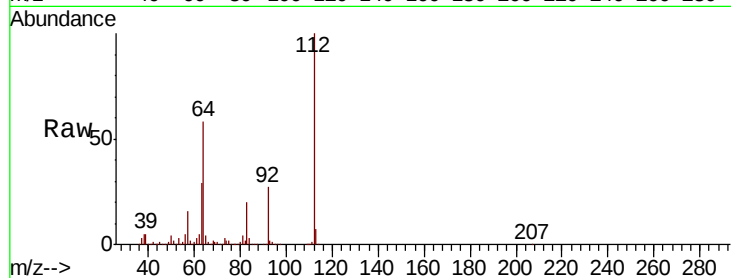
Tot Ion:112 Resp: 1046113

Ion Ratio Lower Upper

112 100

64 57.5 47.1 70.7

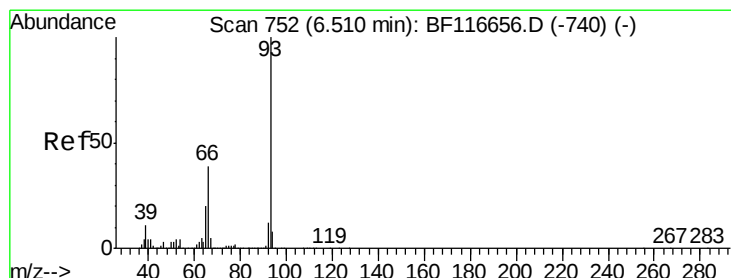
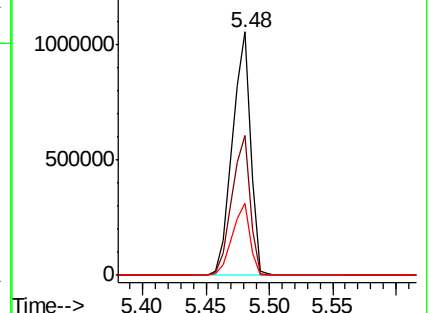
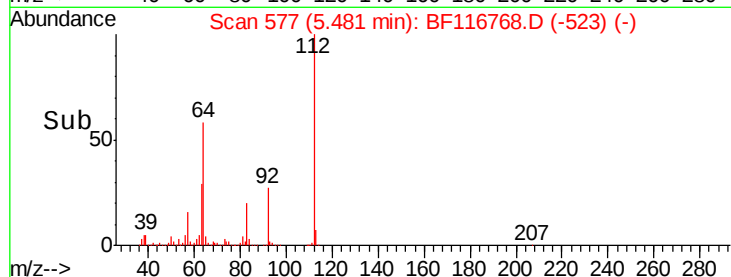
63 29.5 24.9 37.3



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: 32.340 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF116768.D

Acq: 3 Sep 2019 13:18

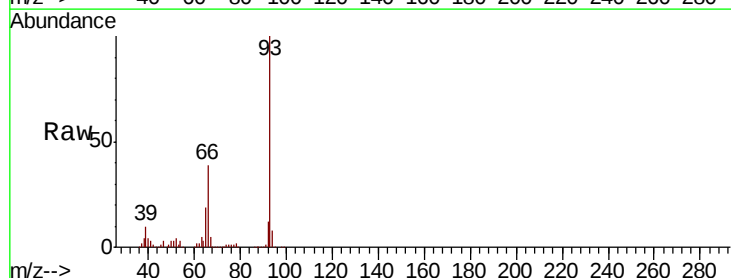
Tgt Ion: 93 Resp: 556269

Ion Ratio Lower Upper

93 100

66 38.7 32.7 49.1

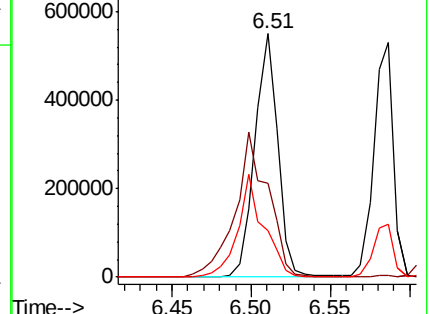
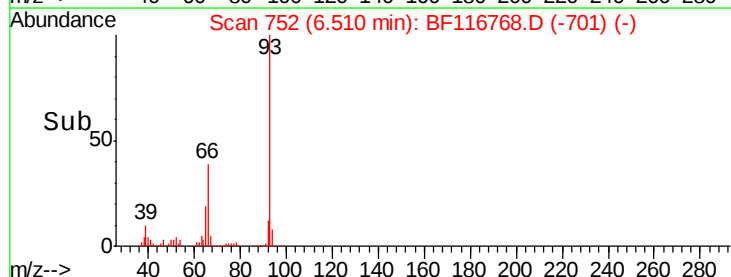
65 19.2 16.3 24.5



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: 109.921 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF116768.D

Acq: 3 Sep 2019 13:18

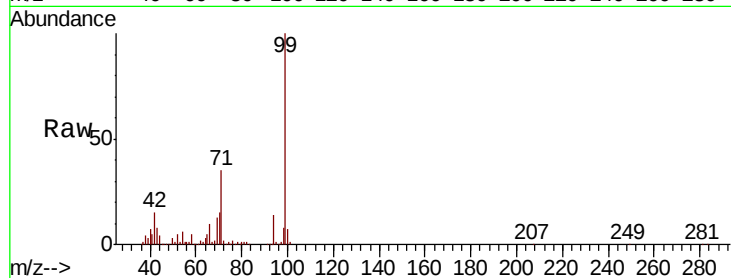
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1365077

Ion	Ratio	Lower	Upper
99	100		
42	15.2	13.7	20.5
71	34.5	30.8	46.2

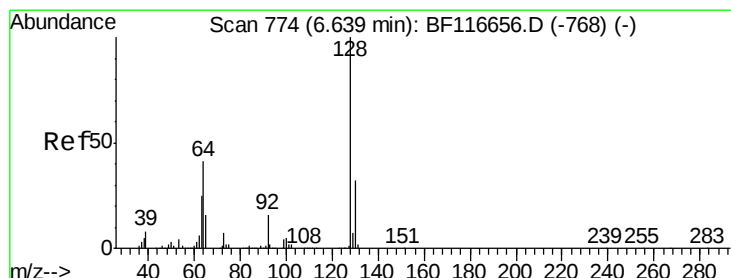
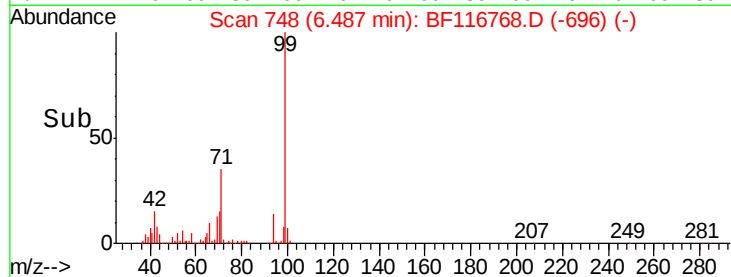


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 45.577 ng

RT: 6.64 min Scan# 774

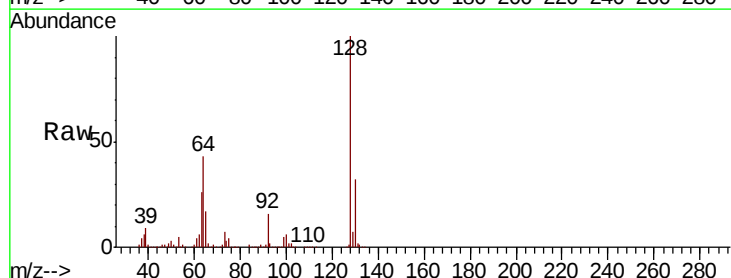
Delta R.T. 0.00 min

Lab File: BF116768.D

Acq: 3 Sep 2019 13:18

Tgt Ion: 128 Resp: 470542

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.3	52.3
64	43.2	22.5	62.5

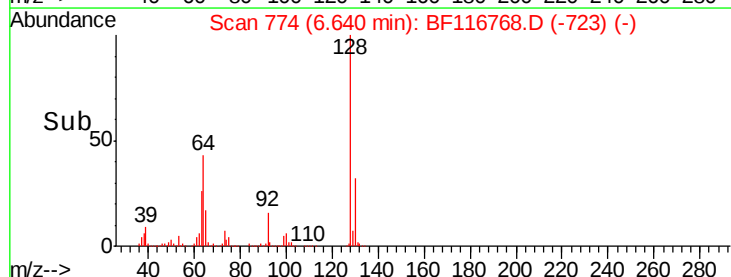


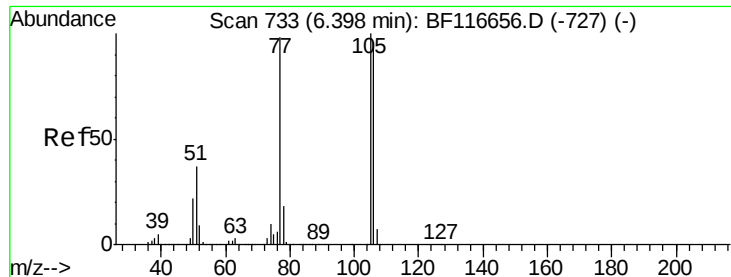
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 39.043 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF116768.D

Acq: 3 Sep 2019 13:18

Instrument :

BNA_F

ClientSampleId :

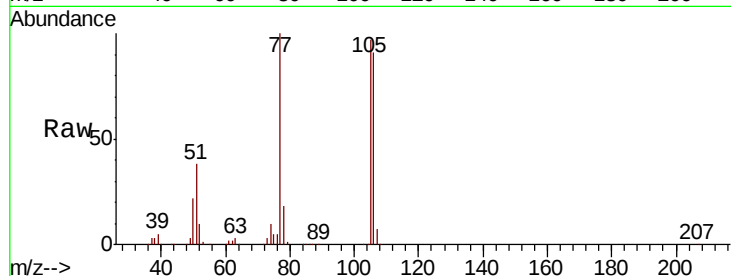
Tot Ion: 77 Resp: 319432

Ion Ratio Lower Upper

77 100

105 96.8 76.7 116.7

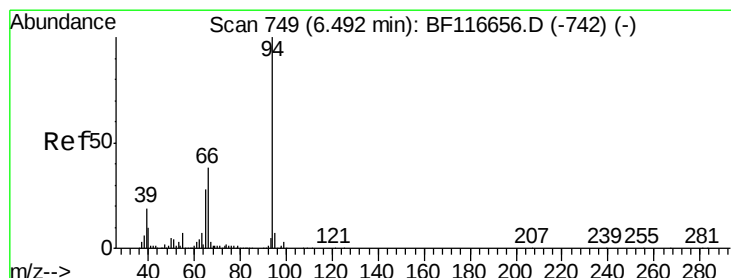
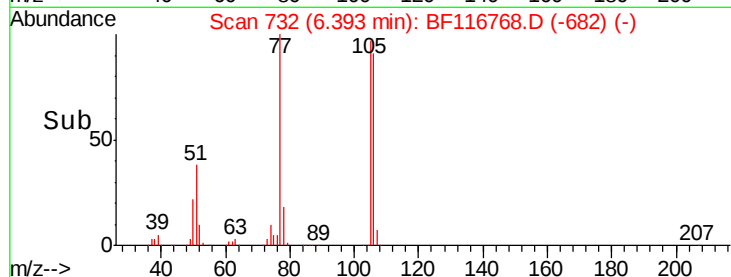
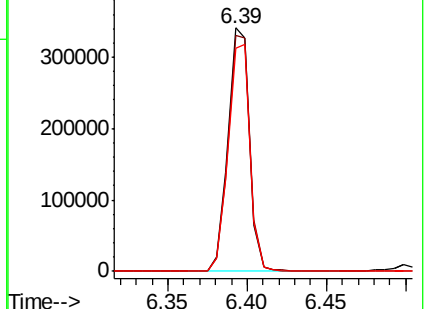
106 91.4 73.1 113.1



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 43.261 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF116768.D

Acq: 3 Sep 2019 13:18

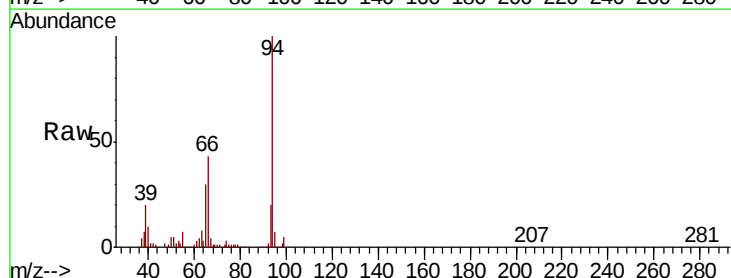
Tgt Ion: 94 Resp: 594904

Ion Ratio Lower Upper

94 100

65 30.4 10.8 50.8

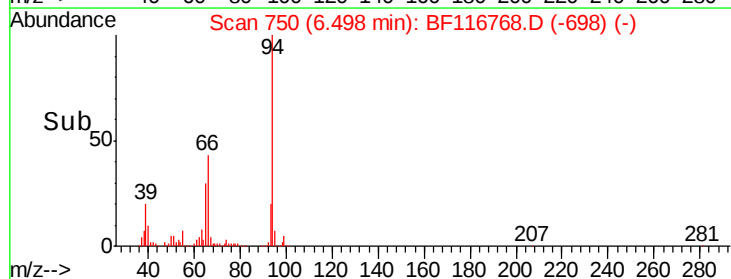
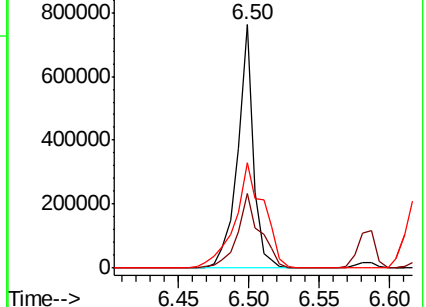
66 43.1 21.1 61.1

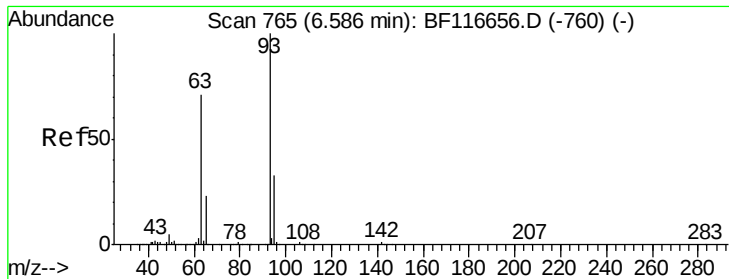


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 42.741 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF116768.D

Acq: 3 Sep 2019 13:18

Instrument :

BNA_F

ClientSampleId :

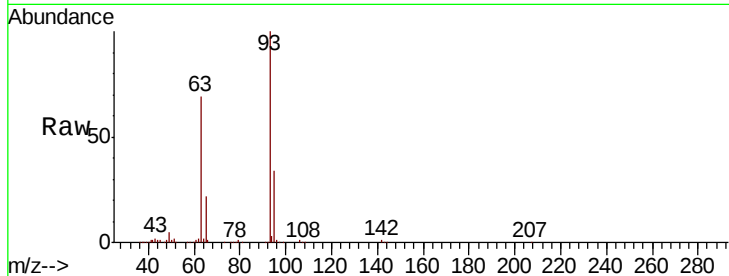
Tot Ion: 93 Resp: 457649

Ion Ratio Lower Upper

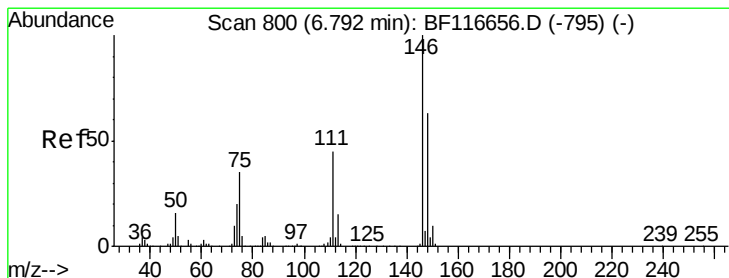
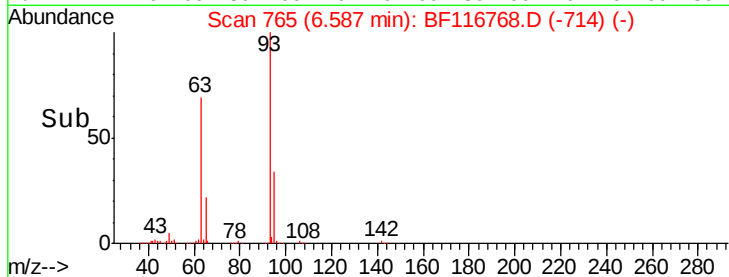
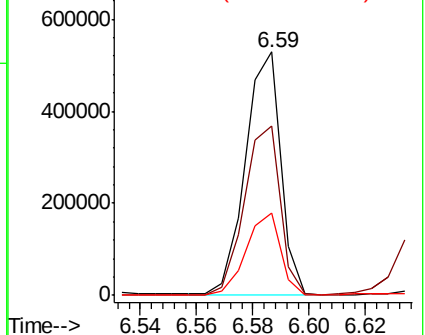
93 100

63 69.4 49.9 89.9

95 33.8 12.7 52.7



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



#12

1,3-Dichlorobenzene

Concen: 41.148 ng

RT: 6.79 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF116768.D

Acq: 3 Sep 2019 13:18

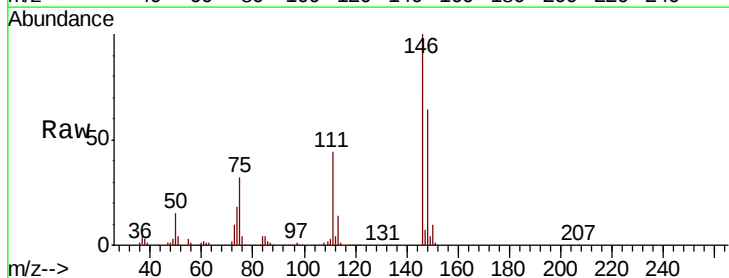
Tgt Ion: 146 Resp: 480136

Ion Ratio Lower Upper

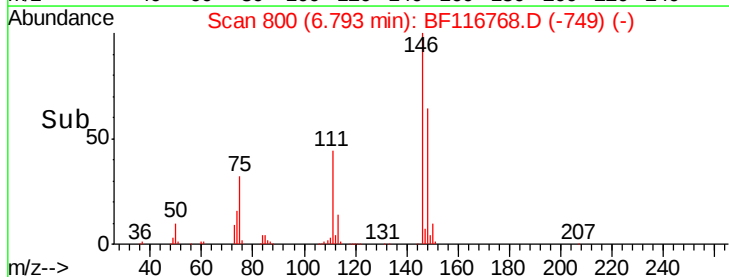
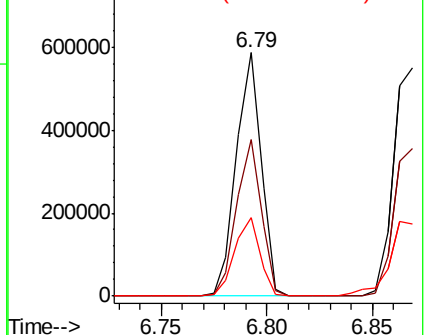
146 100

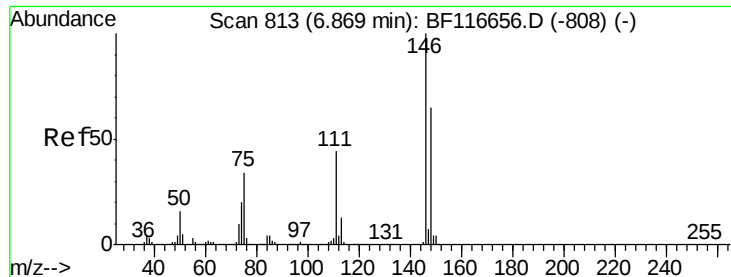
148 64.5 51.4 77.0

75 32.4 29.6 44.4



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

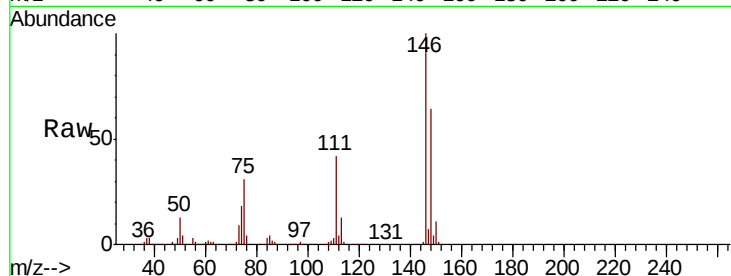




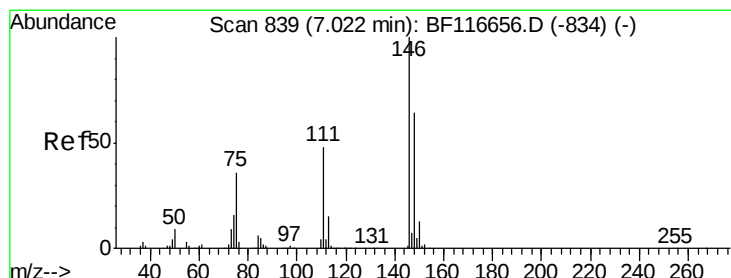
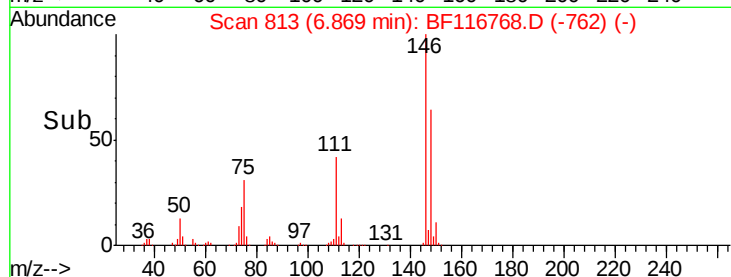
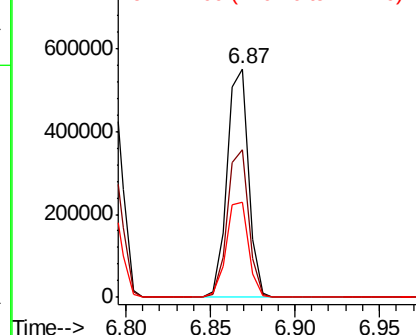
#13
 1,4-Dichlorobenzene
 Concen: 42.023 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF116768.D
 Acq: 3 Sep 2019 13:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 488180
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.4 77.2
 111 41.5 34.8 52.2

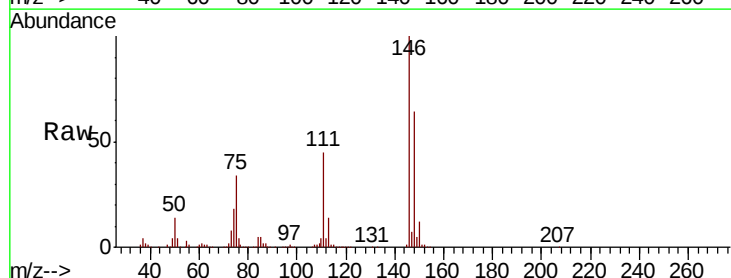


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

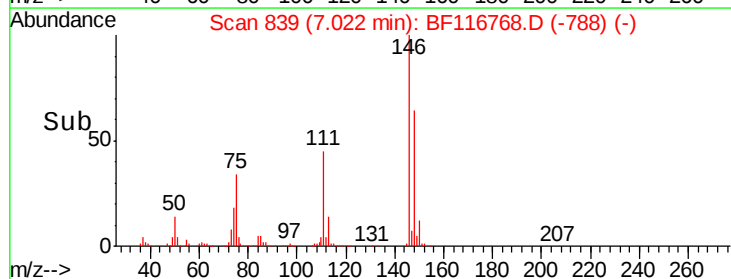
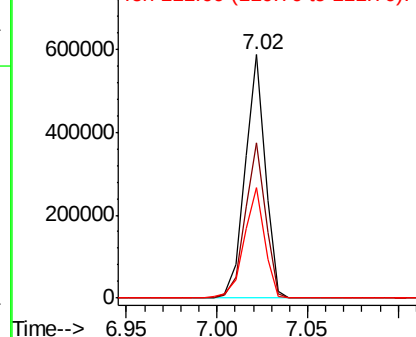


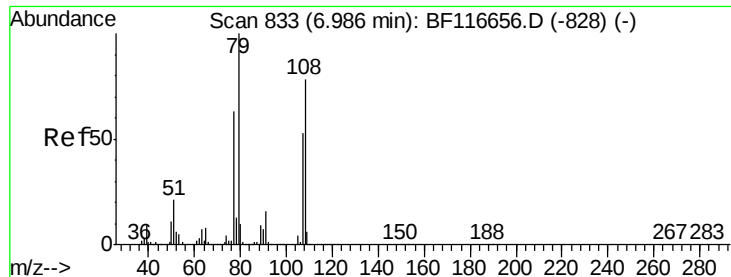
#14
 1,2-Dichlorobenzene
 Concen: 41.857 ng
 RT: 7.02 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BF116768.D
 Acq: 3 Sep 2019 13:18

Tgt Ion:146 Resp: 450613
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.6 78.8
 111 45.4 34.2 51.4



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





#15

Benzyl Alcohol

Concen: 43.311 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF116768.D

Acq: 3 Sep 2019 13:18

Instrument :

BNA_F

ClientSampled :

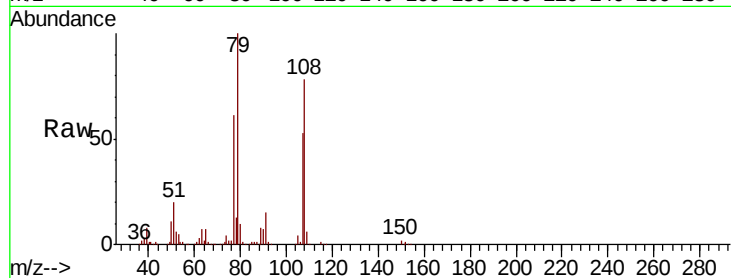
Tot Ion: 79 Resp: 436607

Ion Ratio Lower Upper

79 100

108 78.1 59.2 88.8

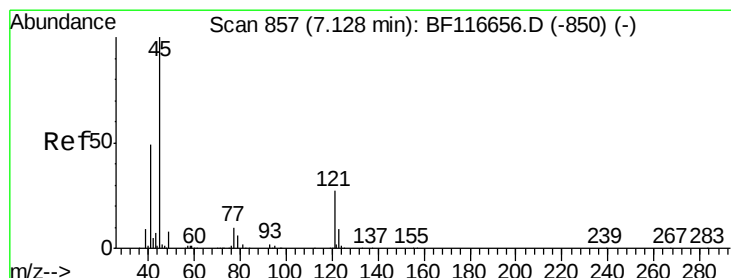
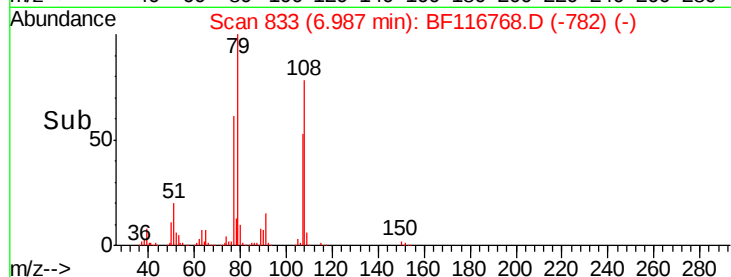
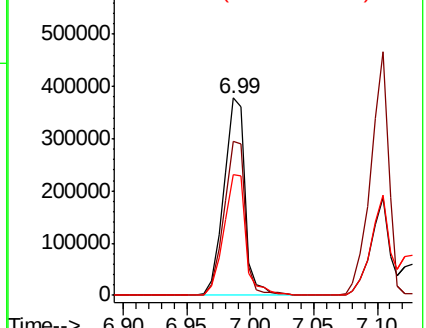
77 61.0 53.0 79.4



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.142 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF116768.D

Acq: 3 Sep 2019 13:18

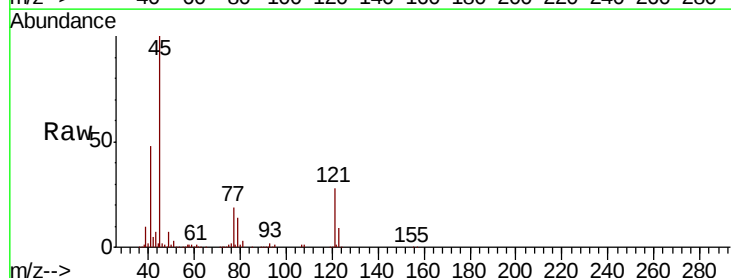
Tgt Ion: 45 Resp: 516859

Ion Ratio Lower Upper

45 100

77 18.6 0.0 38.2

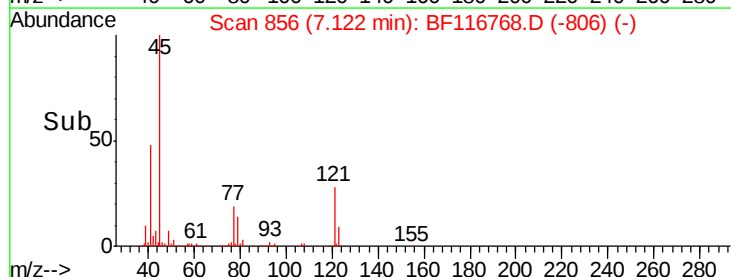
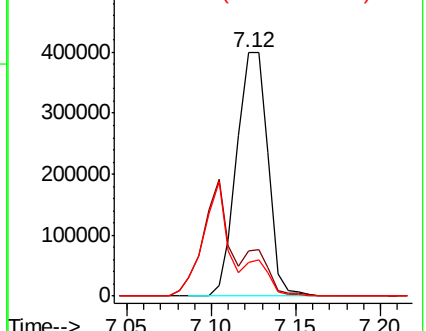
79 13.9 0.0 33.9



Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 44.489 ng

RT: 7.10 min Scan# 853

Delta R.T. 0.01 min

Lab File: BF116768.D

Acq: 3 Sep 2019 13:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 402079

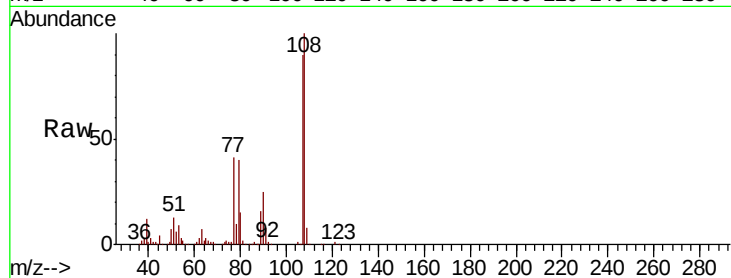
Ion Ratio Lower Upper

107 100

108 111.7 88.3 132.5

77 46.0 39.9 59.9

79 44.8 39.8 59.8

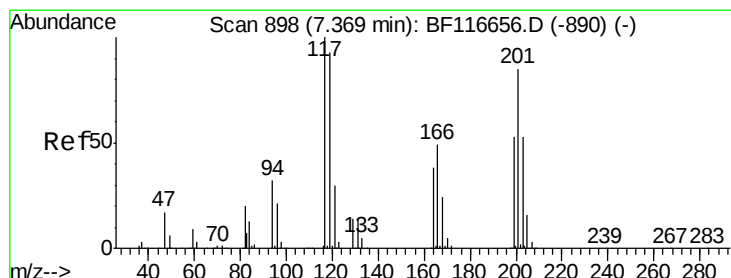
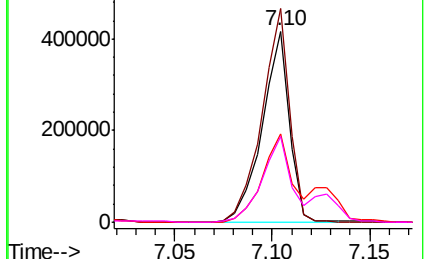
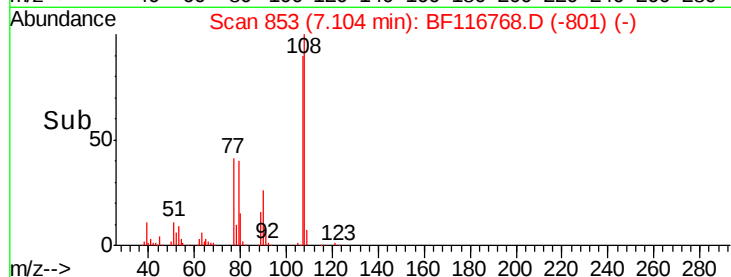


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 40.606 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF116768.D

Acq: 3 Sep 2019 13:18

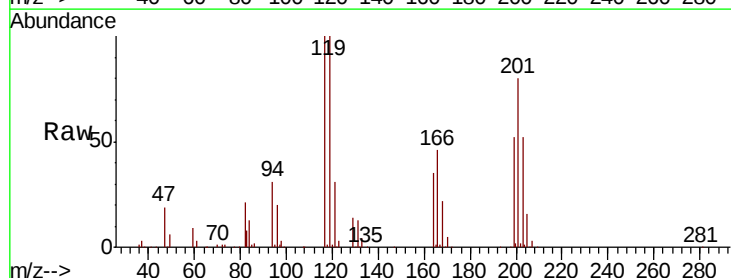
Tgt Ion:117 Resp: 183270

Ion Ratio Lower Upper

117 100

119 99.5 76.9 115.3

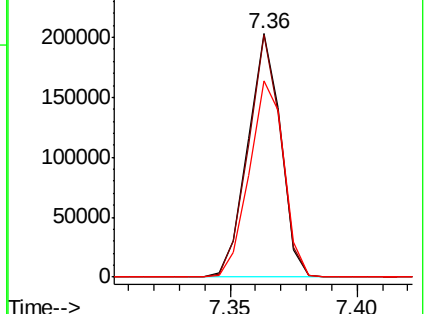
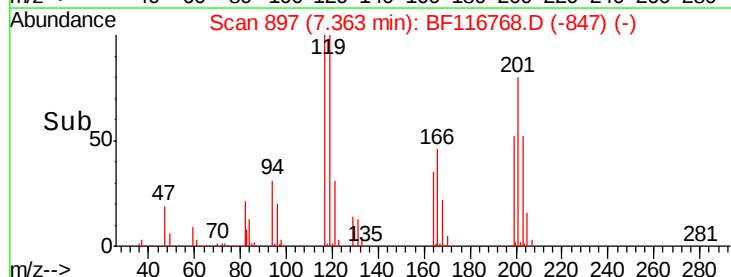
201 80.4 79.4 119.0

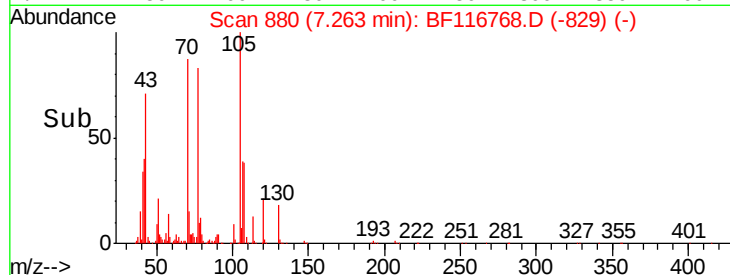
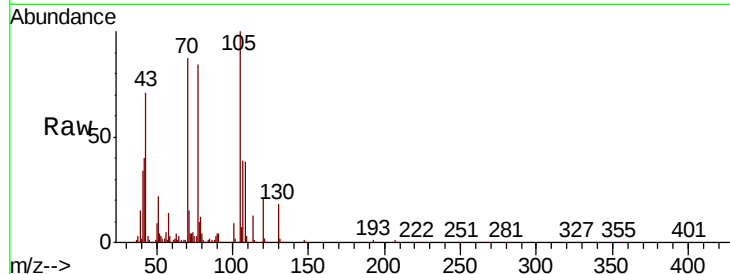
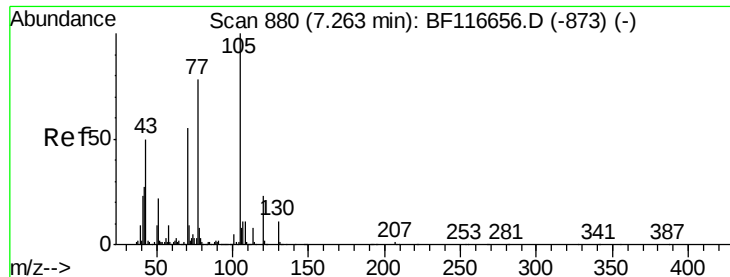


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

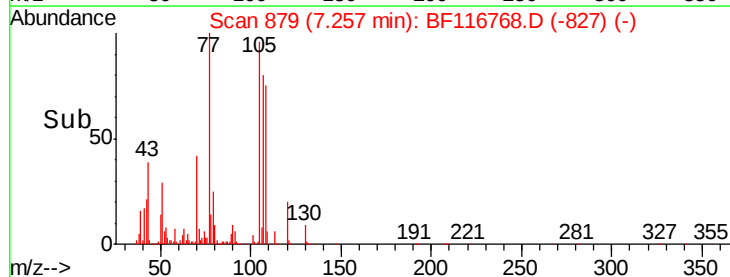
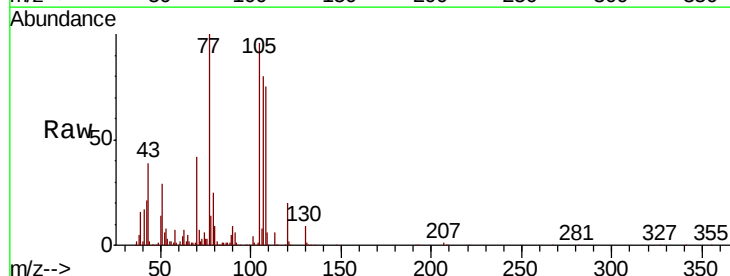
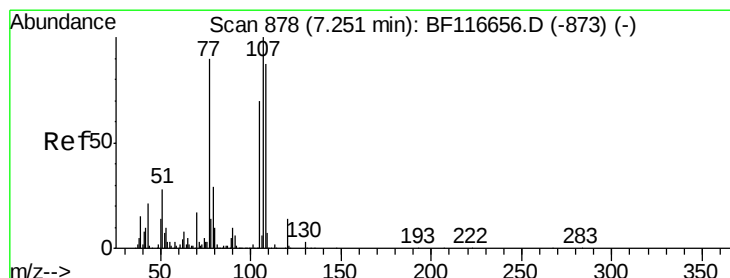
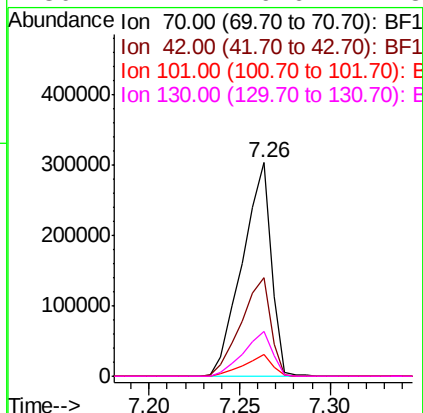




#19
n-Nitroso-di-n-propylamine
Concen: 41.183 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

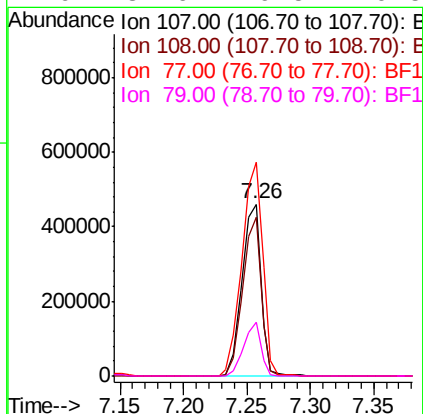
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	336752
Ion	Ratio	Lower	Upper
70	100		
42	46.2	43.5	65.3
101	10.2	7.8	11.6
130	21.1	16.6	24.8



#20
3+4-Methylphenols
Concen: 45.100 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Tgt Ion:	107	Resp:	473926
Ion	Ratio	Lower	Upper
107	100		
108	92.6	65.5	105.5
77	124.2	69.4	109.4#
79	31.6	9.5	49.5

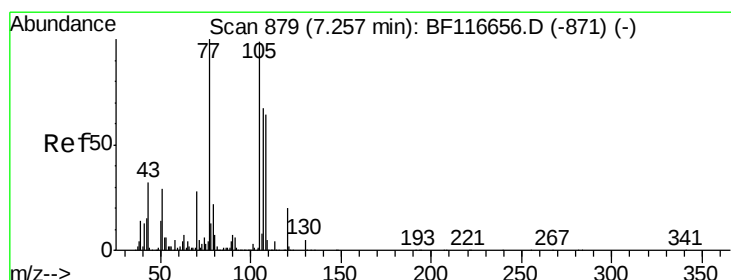
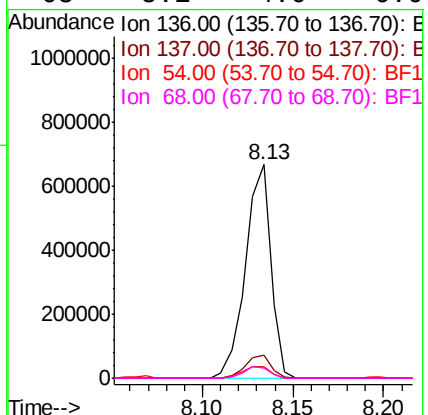
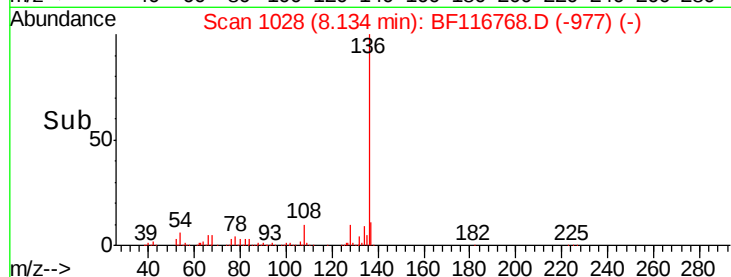
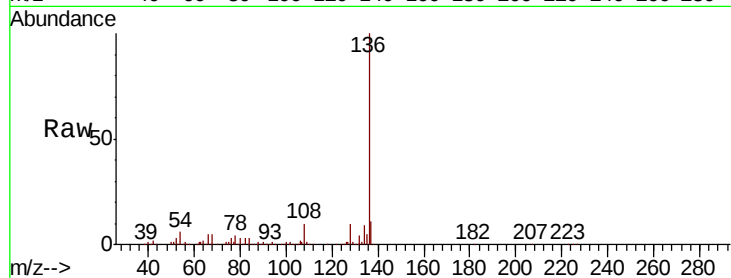




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

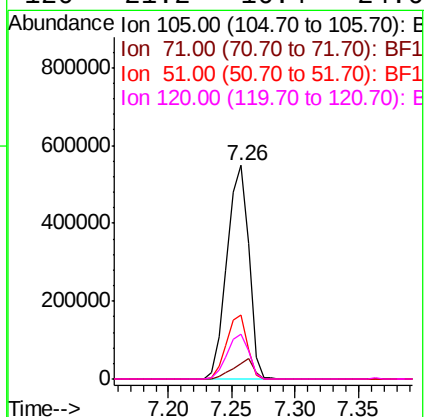
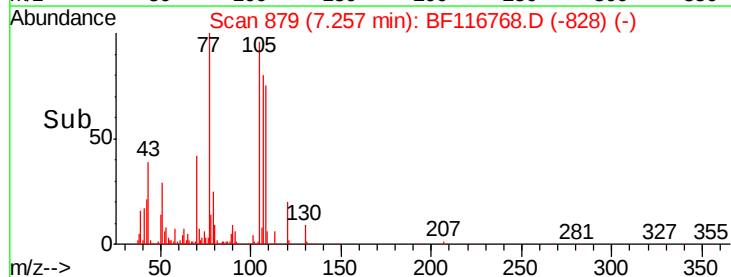
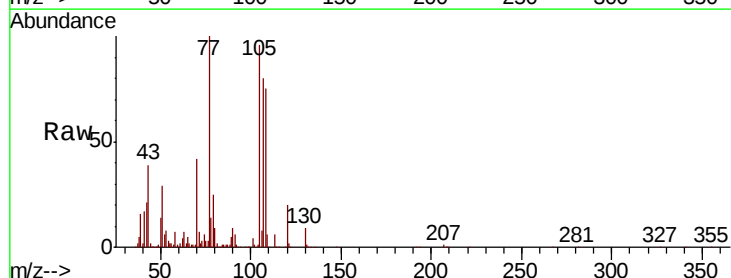
Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	651426
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.9 13.3
54	5.6	4.8 7.2
68	5.1	4.0 6.0



#22
Acetophenone
Concen: 41.620 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Tgt Ion:105	Resp:	652726
Ion Ratio	Lower	Upper
105	100	
71	7.2	4.2 6.4#
51	29.9	25.8 38.8
120	21.2	16.4 24.6

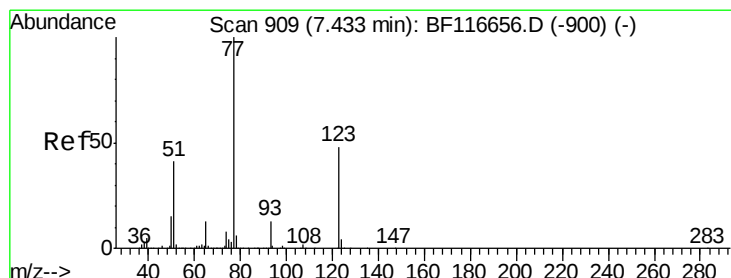
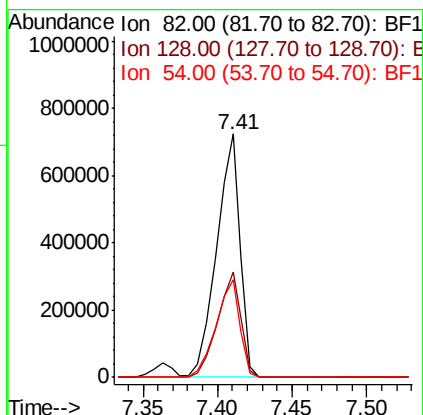
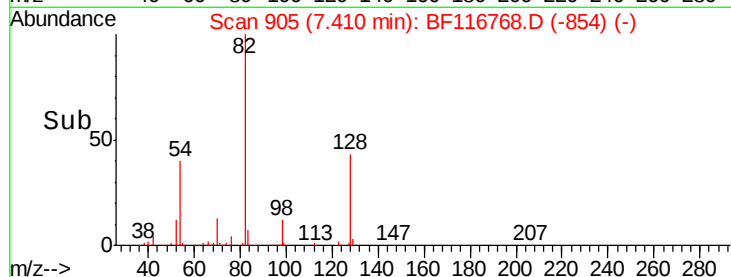
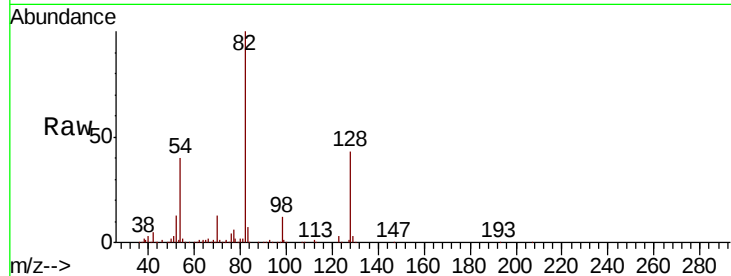




#23
 Nitrobenzene-d5
 Concen: 69.698 ng
 RT: 7.41 min Scan# 905
 Delta R.T. 0.00 min
 Lab File: BF116768.D
 Acq: 3 Sep 2019 13:18

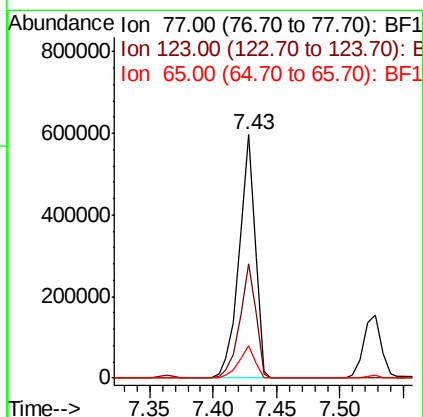
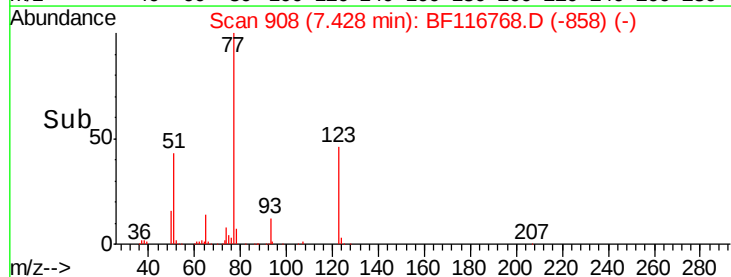
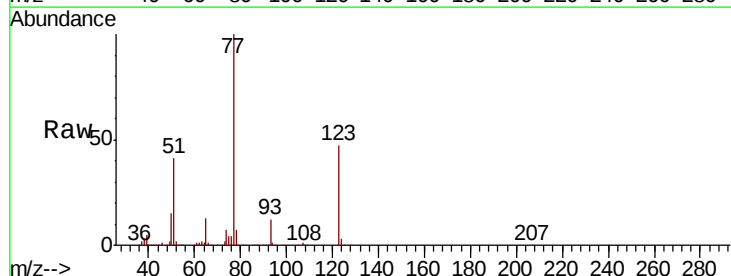
Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	82	Resp	795321
Ion Ratio	Lower	Upper	
82	100		
128	43.0	32.8	49.2
54	40.1	36.9	55.3



#24
 Nitrobenzene
 Concen: 44.543 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF116768.D
 Acq: 3 Sep 2019 13:18

Tgt Ion	77	Resp	516942
Ion Ratio	Lower	Upper	
77	100		
123	46.8	33.1	49.7
65	13.2	10.6	15.8





#25

Isophorone

Concen: 41.478 ng

RT: 7.67 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF116768.D

Acq: 3 Sep 2019 13:18

Instrument :

BNA_F

ClientSampleId :

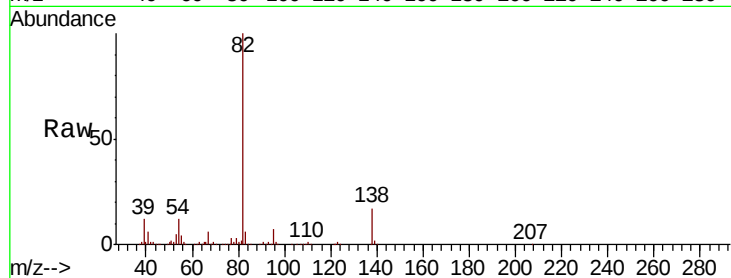
Tot Ion: 82 Resp: 959090

Ion Ratio Lower Upper

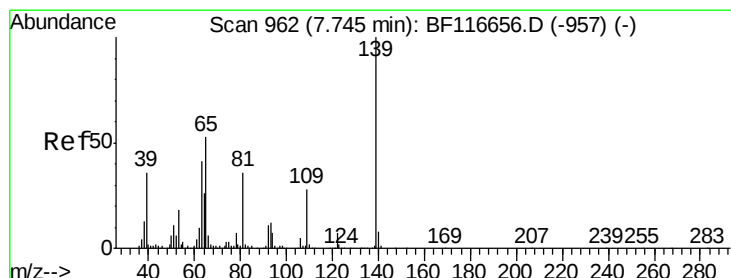
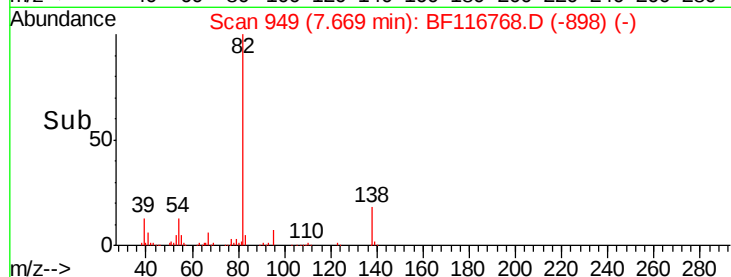
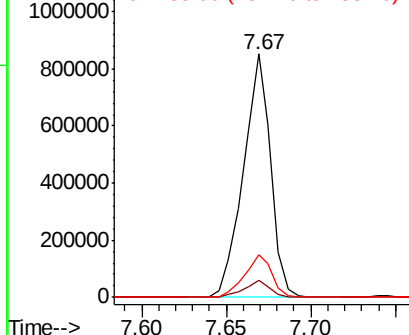
82 100

95 6.7 5.8 8.6

138 17.3 13.5 20.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 56.593 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF116768.D

Acq: 3 Sep 2019 13:18

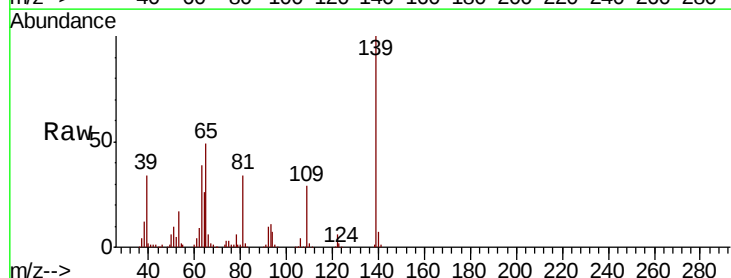
Tgt Ion: 139 Resp: 244183

Ion Ratio Lower Upper

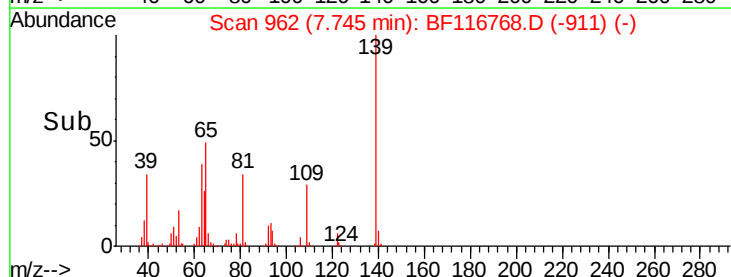
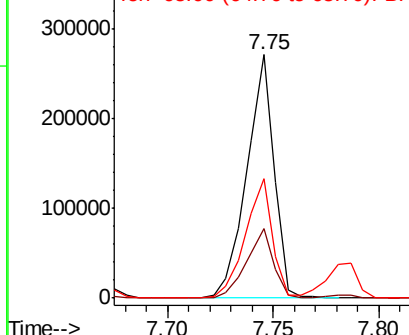
139 100

109 28.5 27.1 40.7

65 48.9 43.0 64.6



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

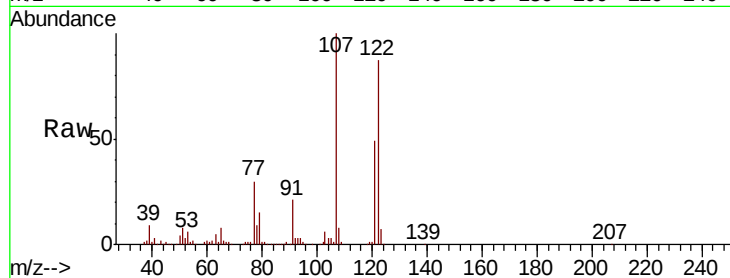




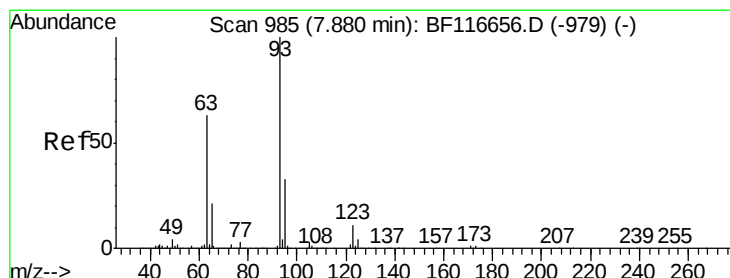
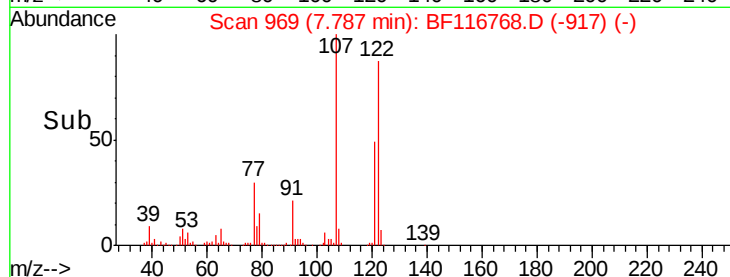
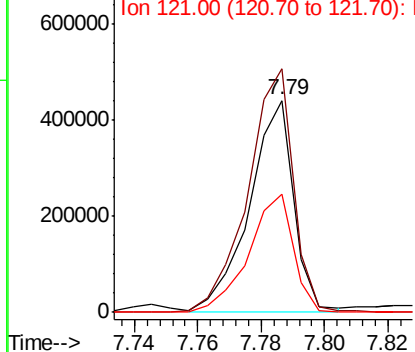
#27
2,4-Dimethylphenol
Concen: 49.102 ng
RT: 7.79 min Scan# 969
Delta R.T. 0.01 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.8	98.1	147.1
121	55.7	47.3	70.9

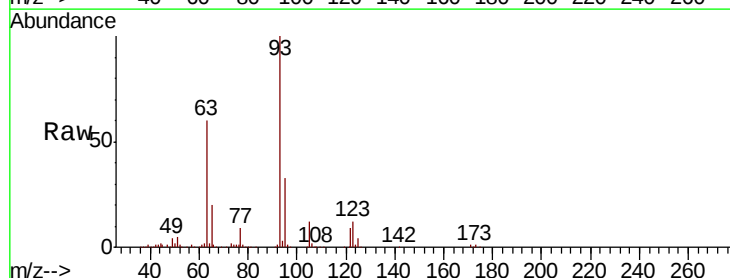


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

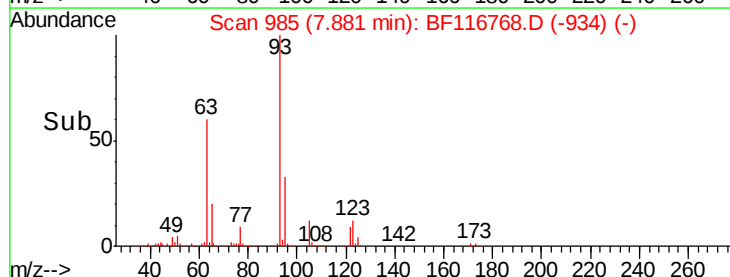
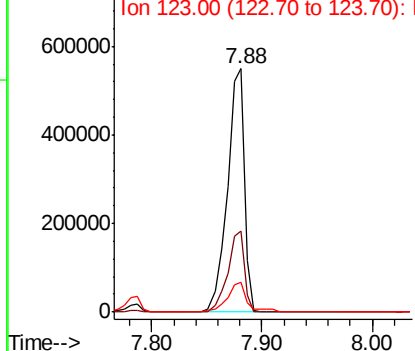


#28
bis(2-Chloroethoxy)methane
Concen: 41.955 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.4	39.6
123	12.3	9.8	14.8



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

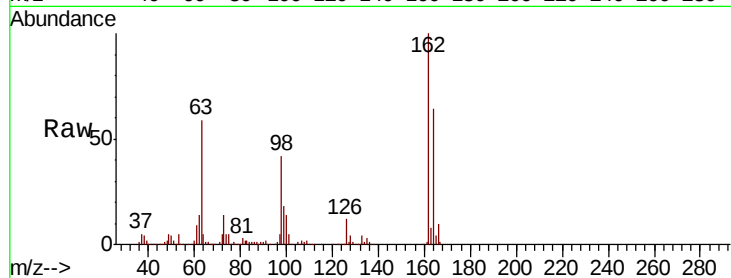




#29
 2,4-Dichlorophenol
 Concen: 46.421 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. 0.00 min
 Lab File: BF116768.D
 Acq: 3 Sep 2019 13:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	43.4	83.4
98	42.4	18.1	58.1

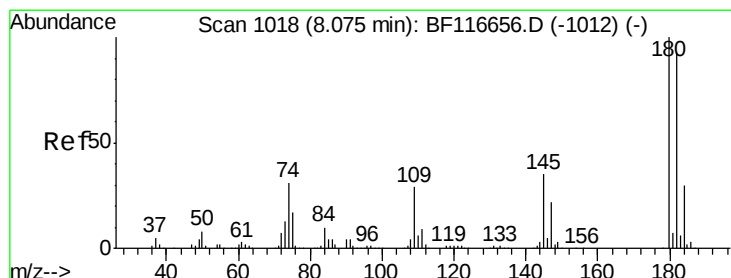
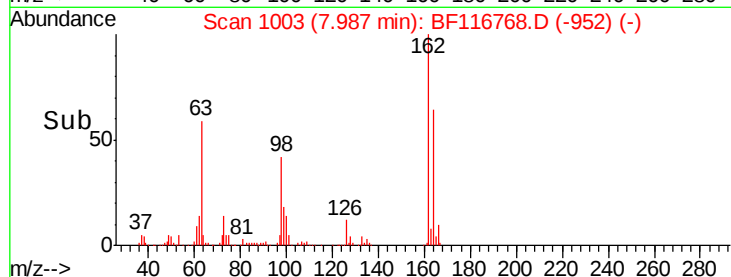
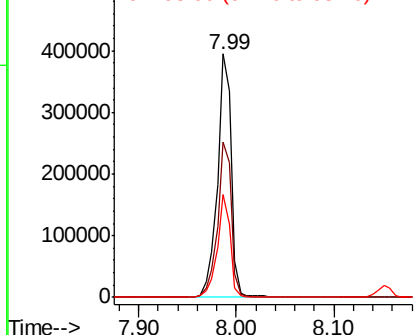


Abundance

Ion 162.00 (161.70 to 162.70): E

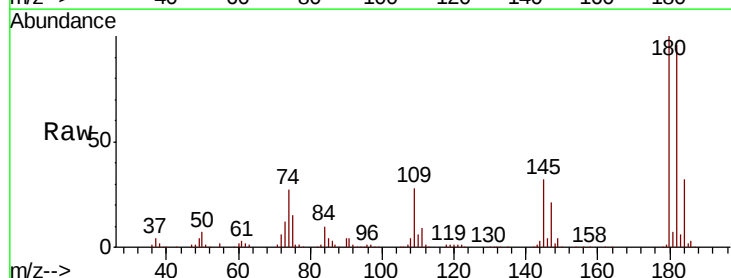
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 41.744 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF116768.D
 Acq: 3 Sep 2019 13:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	78.6	118.0
145	32.4	25.7	38.5

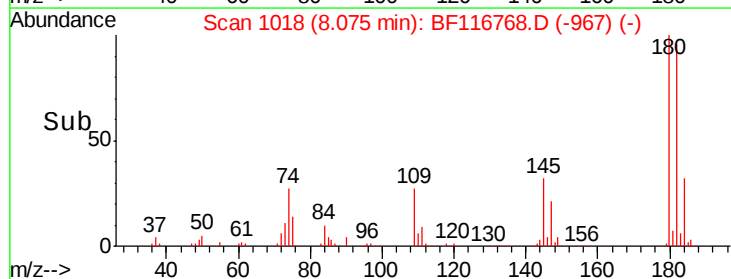
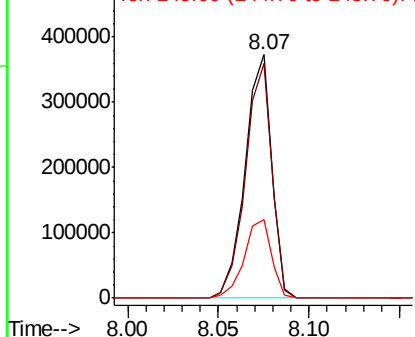


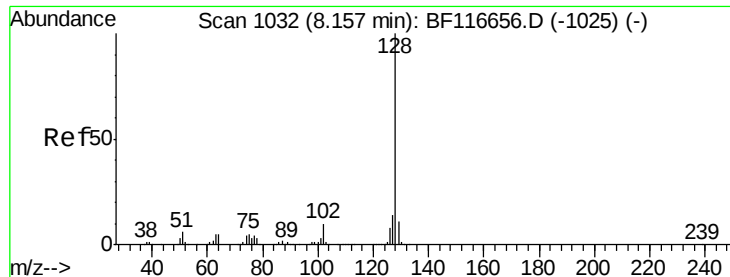
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

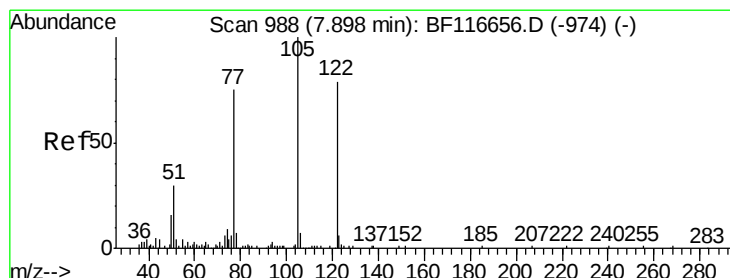
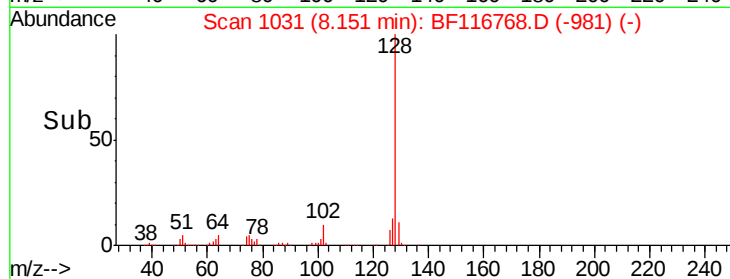
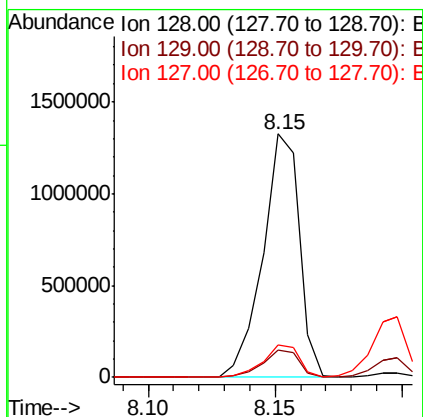
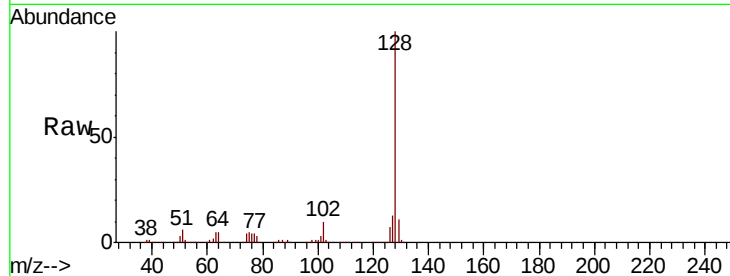




#31
Naphthalene
Concen: 43.450 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

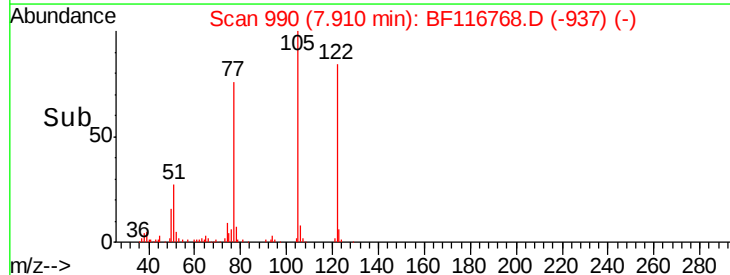
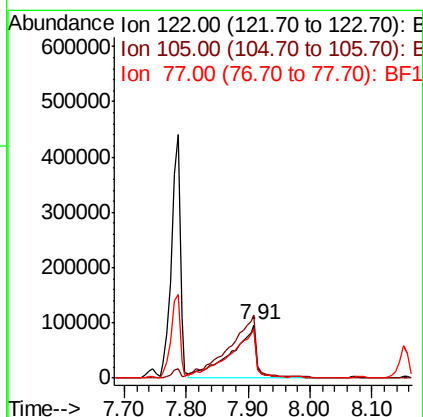
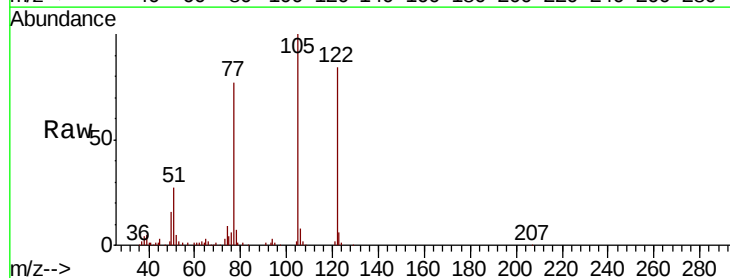
Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1345908
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 13.2 10.4 15.6



#32
Benzoic acid
Concen: 57.088 ng
RT: 7.91 min Scan# 990
Delta R.T. 0.01 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Tgt Ion:122 Resp: 280888
Ion Ratio Lower Upper
122 100
105 119.4 110.0 150.0
77 91.7 81.7 121.7

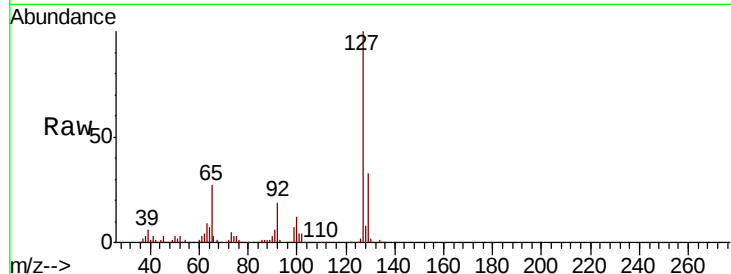




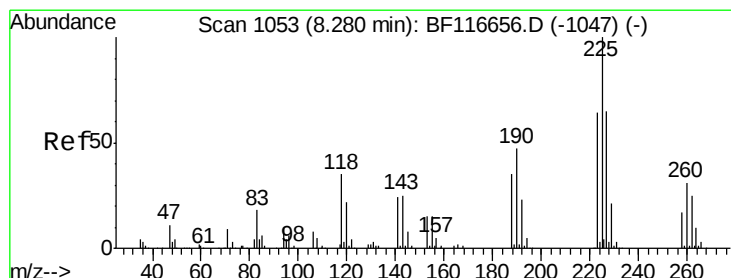
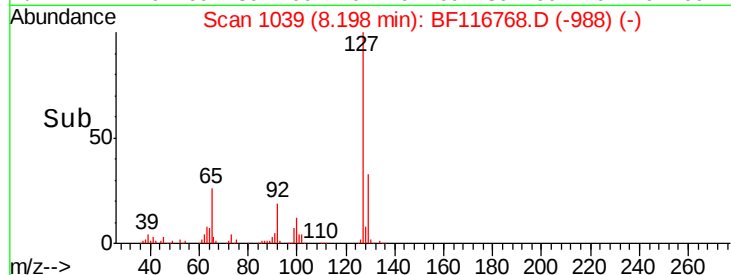
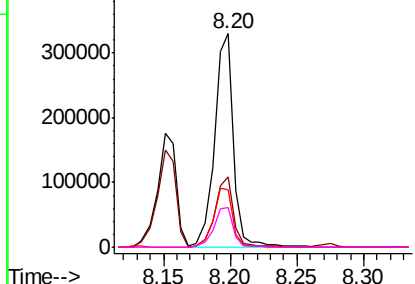
#33
4-Chloroaniline
Concen: 23.369 ng
RT: 8.20 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:127	Resp:	329507
Ion	Ratio	Lower Upper
127	100	
129	32.8	26.2 39.2
65	26.7	26.0 39.0
92	18.6	16.1 24.1

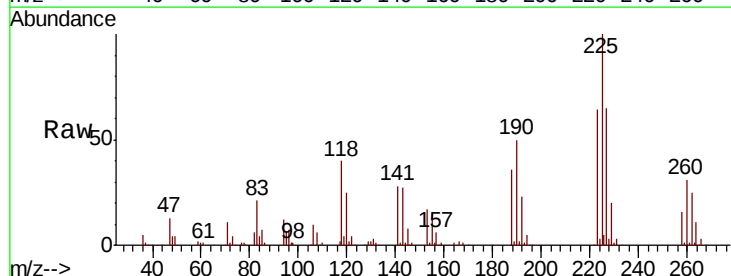


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

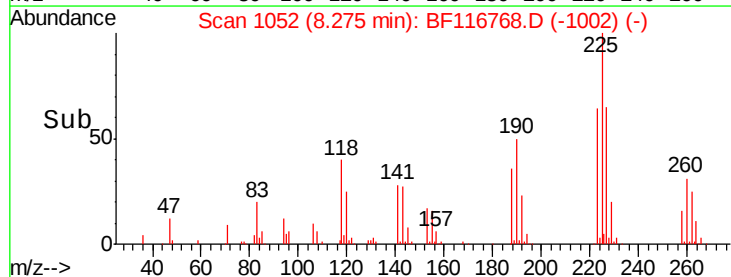
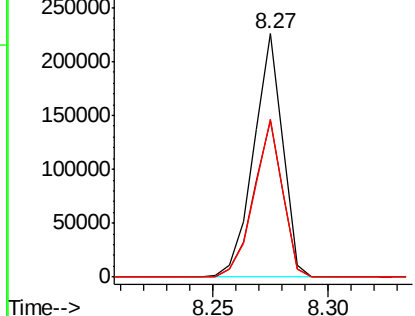


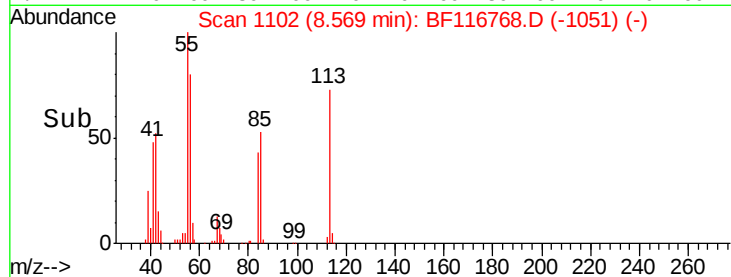
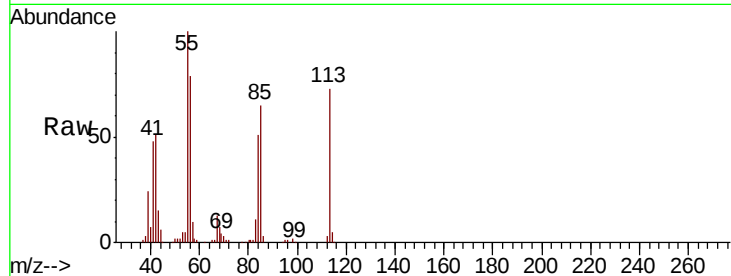
#34
Hexachlorobutadiene
Concen: 39.992 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Tgt Ion:225	Resp:	198062
Ion	Ratio	Lower Upper
225	100	
223	64.5	49.4 74.2
227	64.8	51.0 76.4



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

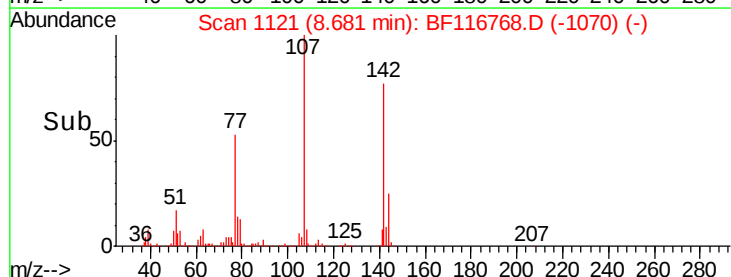
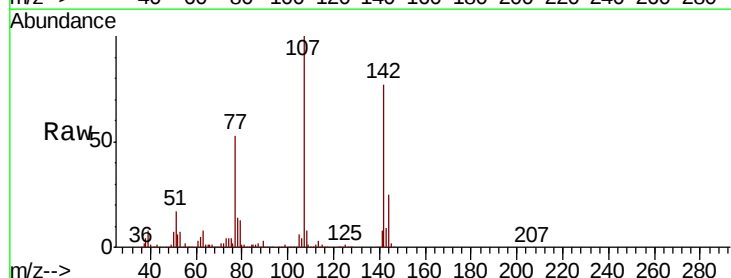
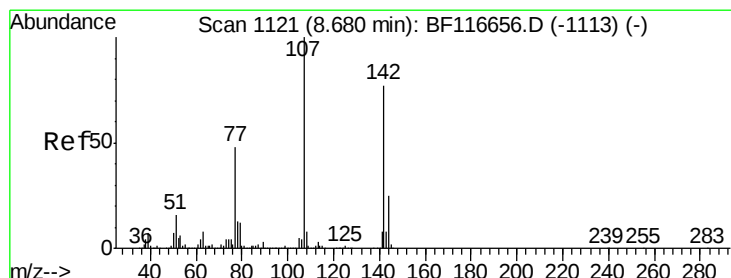
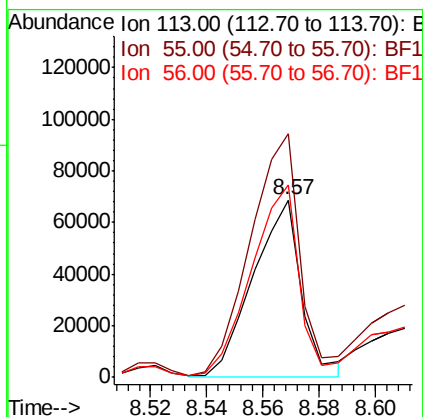




#35
Caprolactam
Concen: 26.151 ng
RT: 8.57 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

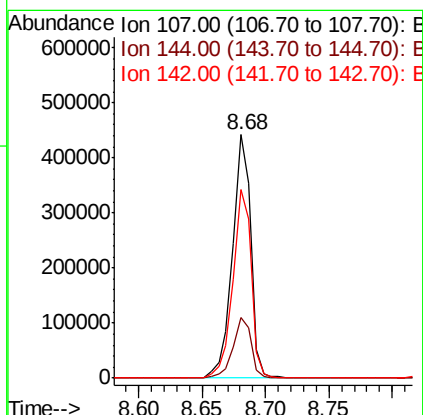
Instrument :
BNA_F
ClientSampleId :

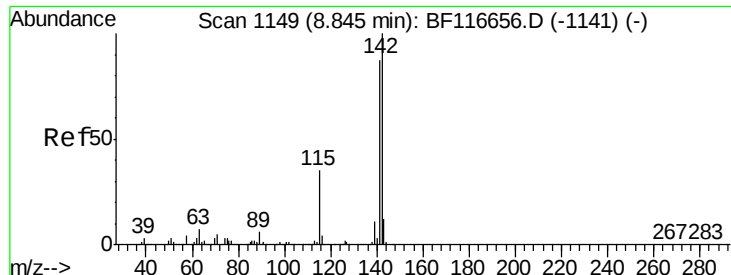
Tot Ion:113 Resp: 81959
Ion Ratio Lower Upper
113 100
55 137.3 124.3 164.3
56 108.8 94.6 134.6



#36
4-Chloro-3-methylphenol
Concen: 45.386 ng
RT: 8.68 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Tgt Ion:107 Resp: 436838
Ion Ratio Lower Upper
107 100
144 24.8 18.6 27.8
142 77.3 58.5 87.7

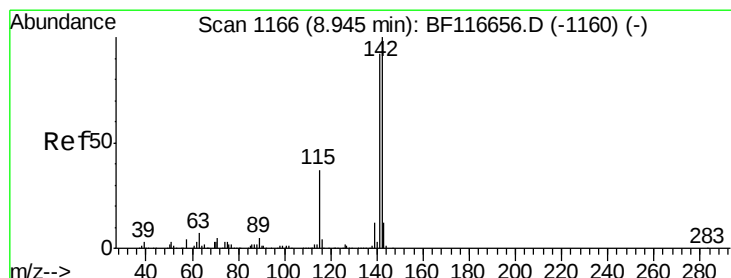
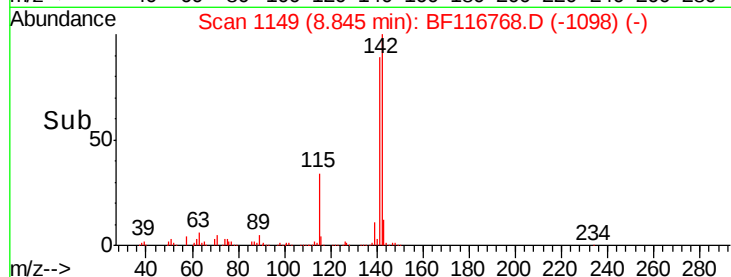
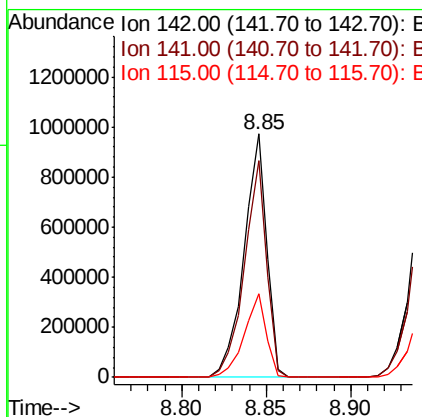
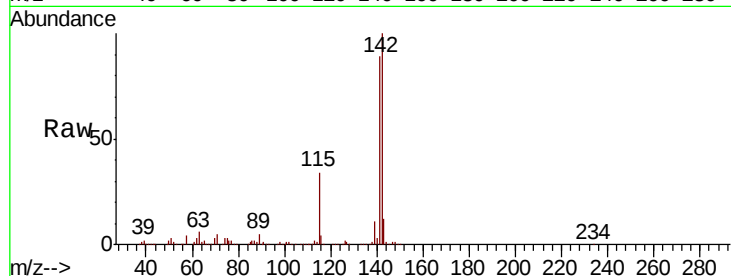




#37
2-Methylnaphthalene
Concen: 44.578 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

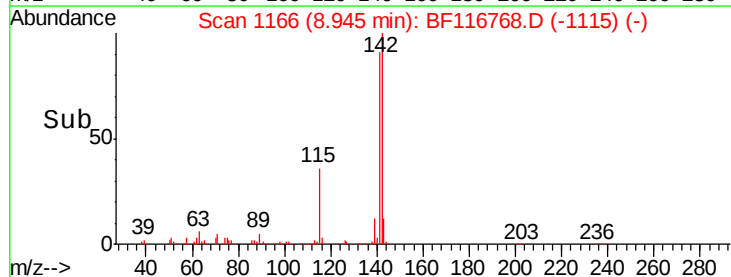
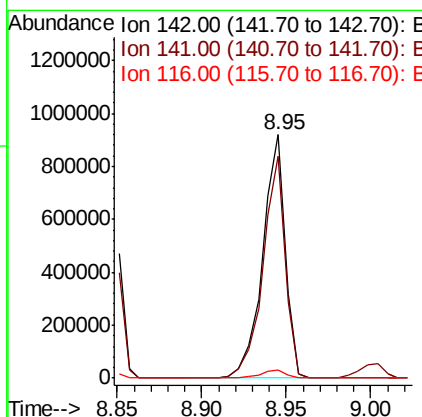
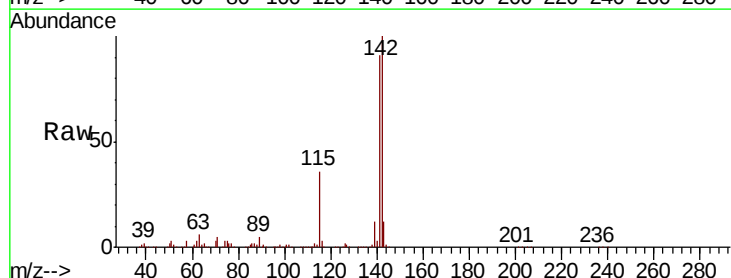
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	72.6	109.0
115	34.2	29.8	44.6



#38
1-Methylnaphthalene
Concen: 43.510 ng
RT: 8.95 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.9	110.9
116	3.5	3.0	4.6

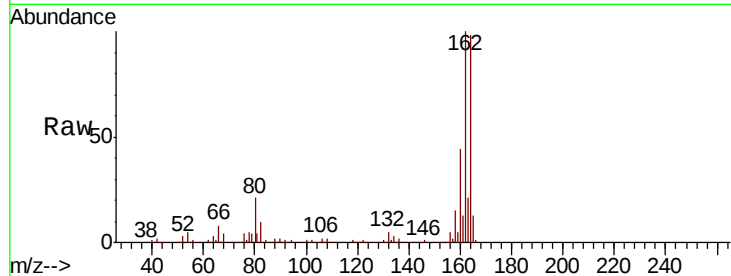




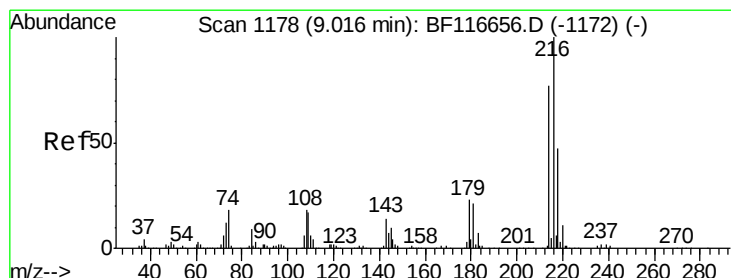
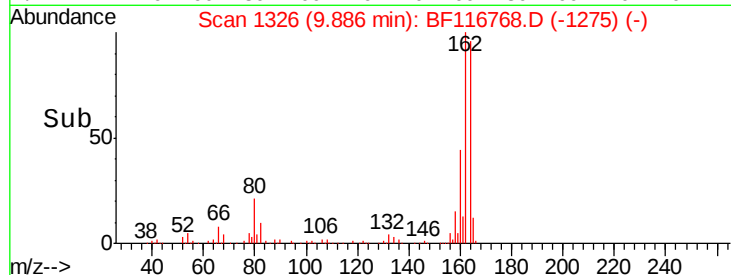
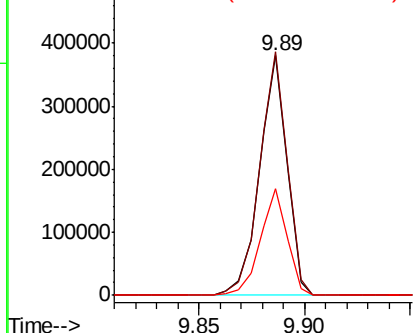
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 343396
Ion Ratio Lower Upper
164 100
162 101.6 81.4 122.0
160 44.7 35.4 53.2

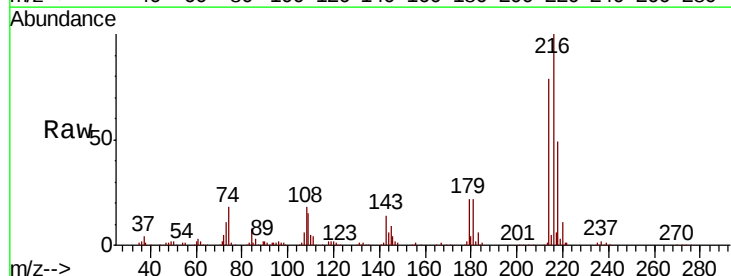


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

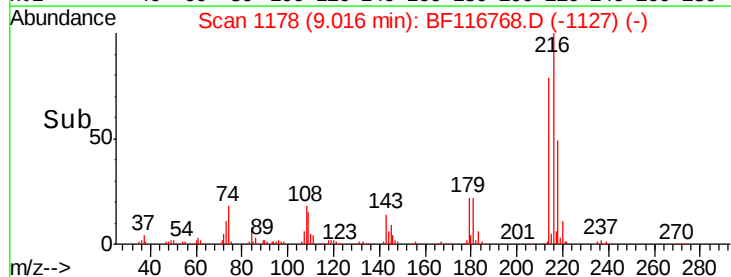
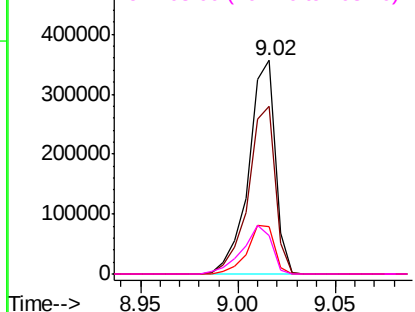


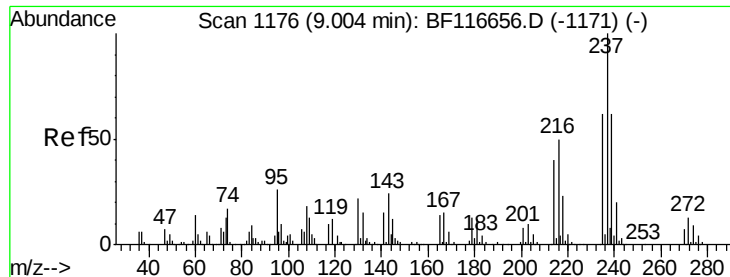
#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.954 ng
RT: 9.02 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Tgt Ion:216 Resp: 337128
Ion Ratio Lower Upper
216 100
214 79.1 62.7 94.1
179 23.4 19.3 28.9
108 25.1 16.6 25.0#



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: 75.393 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF116768.D

Acq: 3 Sep 2019 13:18

Instrument :

BNA_F

ClientSampled :

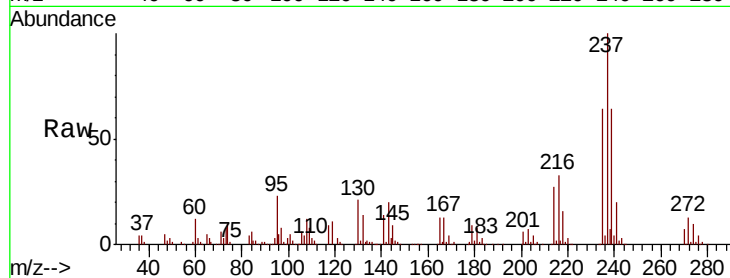
Tot Ion:237 Resp: 358389

Ion Ratio Lower Upper

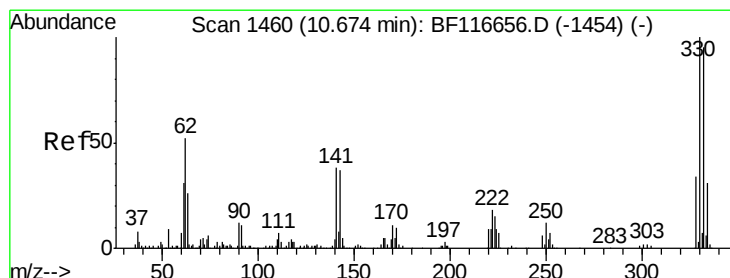
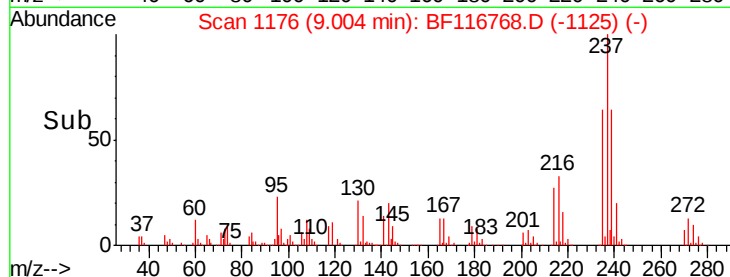
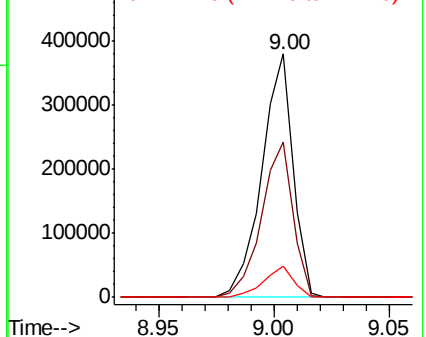
237 100

235 63.8 41.4 81.4

272 12.7 0.0 32.8



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: 125.584 ng

RT: 10.67 min Scan# 1460

Delta R.T. 0.00 min

Lab File: BF116768.D

Acq: 3 Sep 2019 13:18

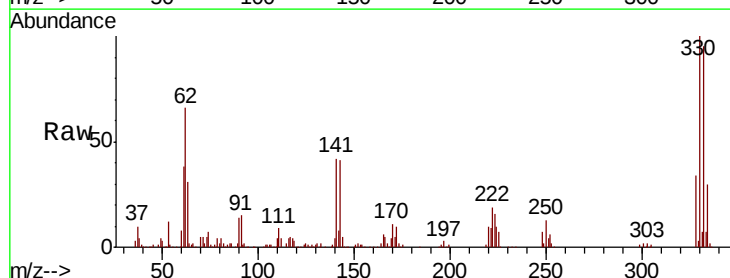
Tgt Ion:330 Resp: 288300

Ion Ratio Lower Upper

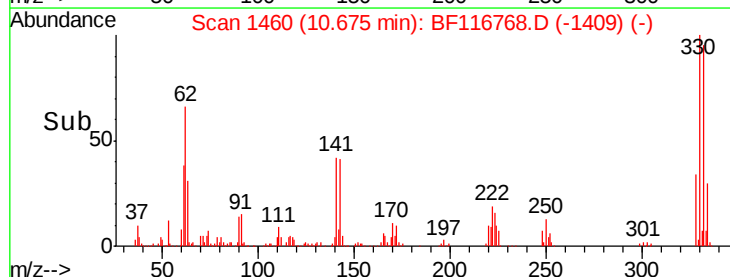
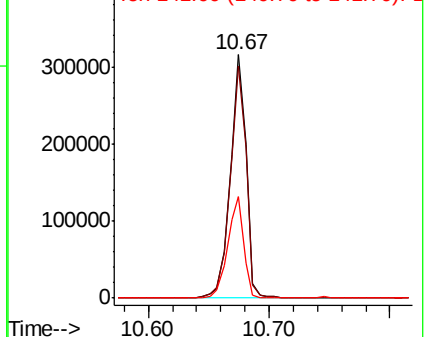
330 100

332 96.7 76.9 115.3

141 42.1 31.4 47.2



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

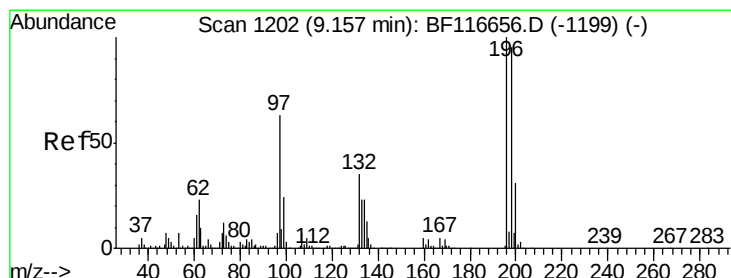
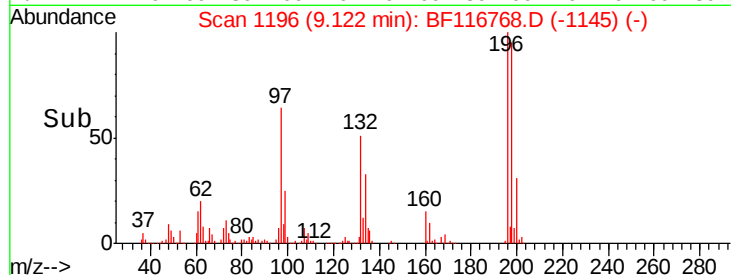
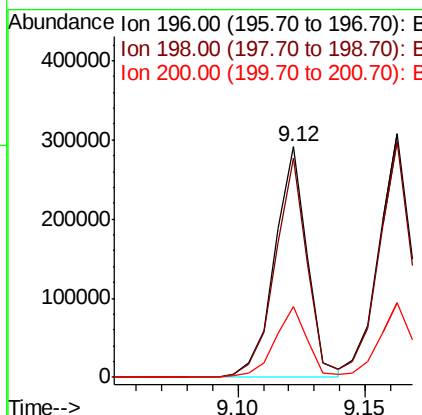
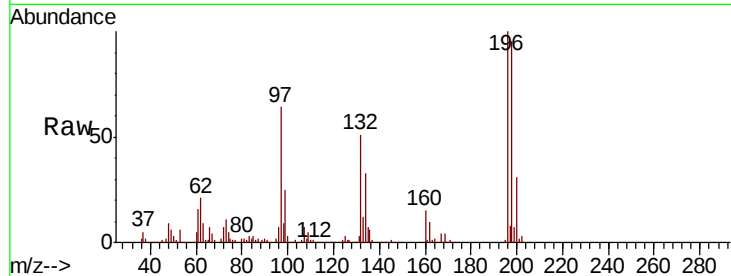




#43
 2,4,6-Trichlorophenol
 Concen: 46.216 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF116768.D
 Acq: 3 Sep 2019 13:18

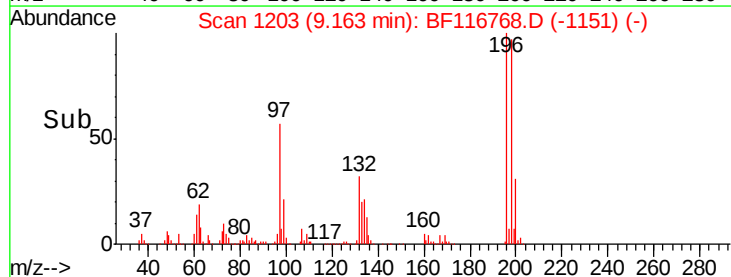
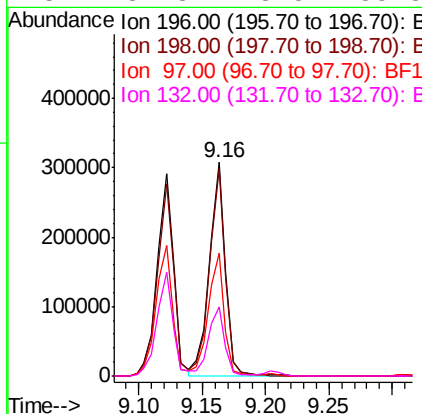
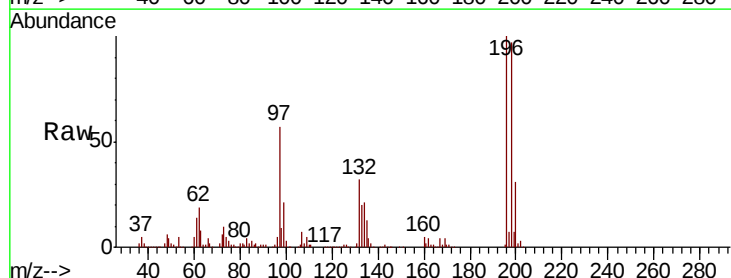
Instrument :
 BNA_F
 ClientSampled :

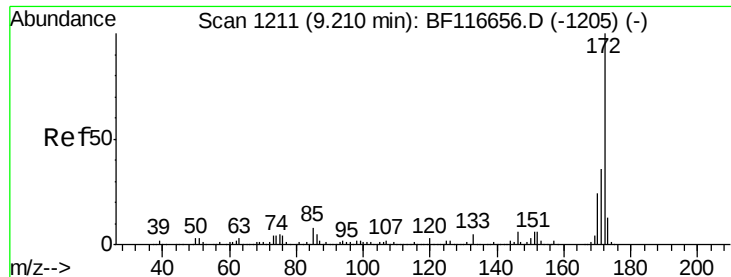
Tot Ion	196	Resp	260790
Ion Ratio	Lower	Upper	
196	100		
198	95.2	79.1	118.7
200	31.0	24.0	36.0



#44
 2,4,5-Trichlorophenol
 Concen: 47.019 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.01 min
 Lab File: BF116768.D
 Acq: 3 Sep 2019 13:18

Tgt Ion	196	Resp	275451
Ion Ratio	Lower	Upper	
196	100		
198	97.0	78.1	117.1
97	57.3	41.6	62.4
132	32.3	23.5	35.3



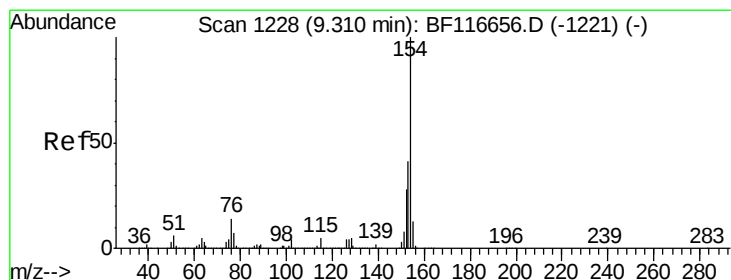
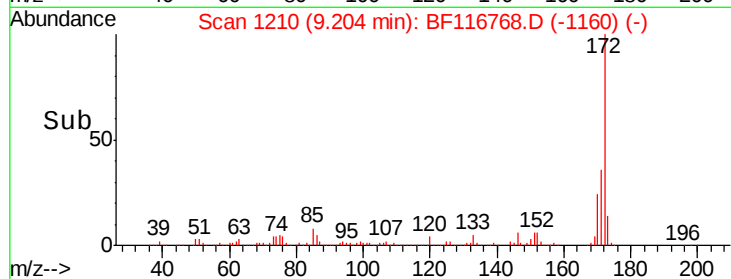
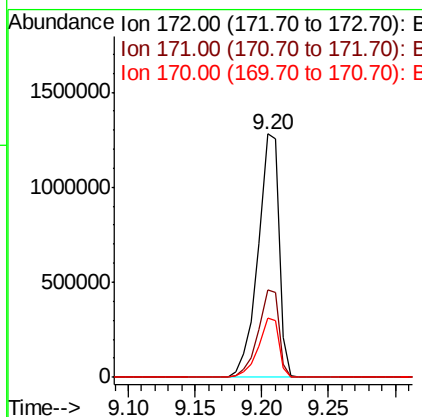
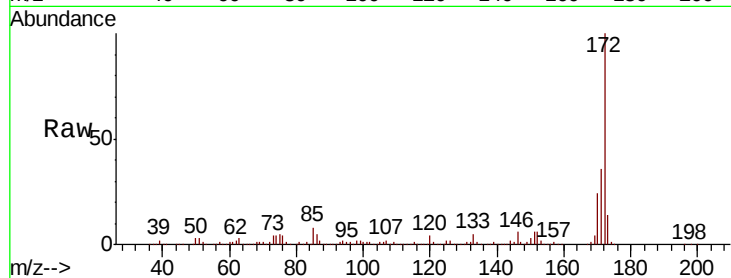


#45
 2-Fluorobiphenyl
 Concen: 67.567 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF116768.D
 Acq: 3 Sep 2019 13:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1375432

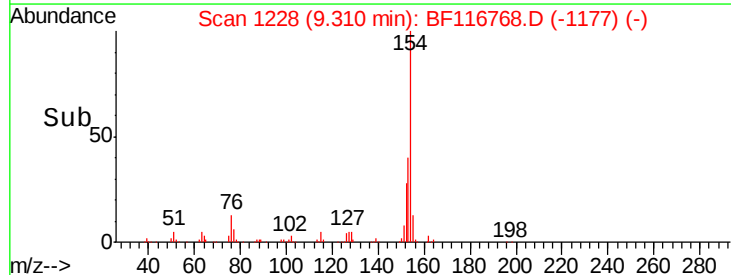
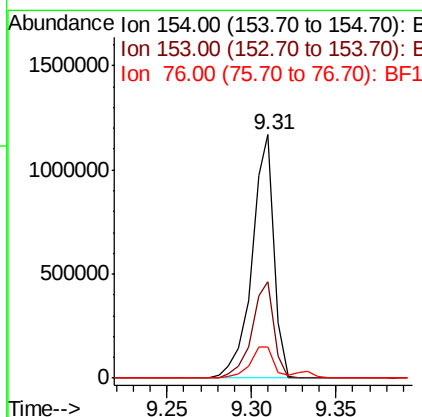
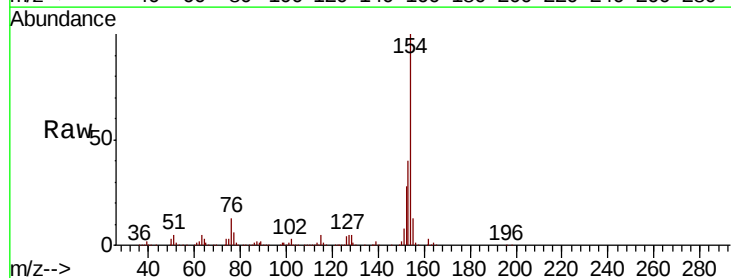
Ion	Ratio	Lower	Upper
172	100		
171	35.8	27.8	41.6
170	24.1	18.9	28.3

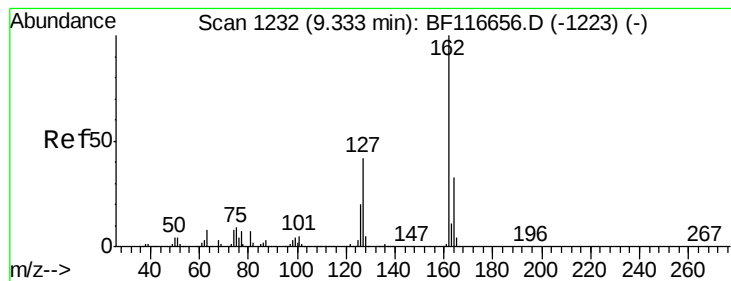


#46
 1,1'-Biphenyl
 Concen: 40.741 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: BF116768.D
 Acq: 3 Sep 2019 13:18

Tgt Ion:154 Resp: 1061589

Ion	Ratio	Lower	Upper
154	100		
153	39.8	21.2	61.2
76	12.7	0.0	30.9

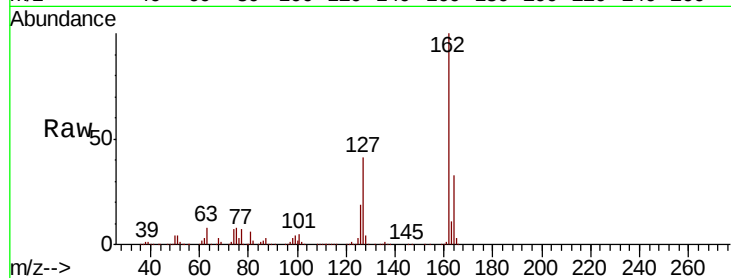




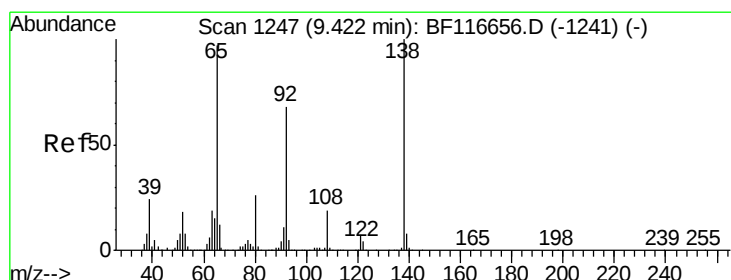
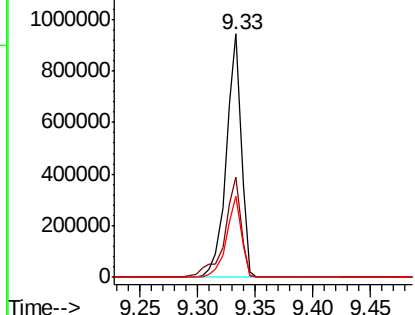
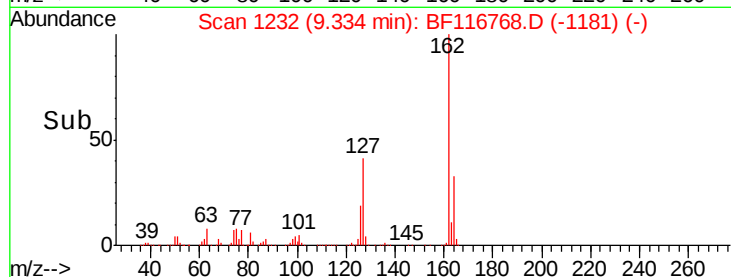
#47
 2-Chloronaphthalene
 Concen: 40.893 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BF116768.D
 Acq: 3 Sep 2019 13:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 843964
 Ion Ratio Lower Upper
 162 100
 127 41.3 33.4 50.2
 164 33.4 26.6 39.8

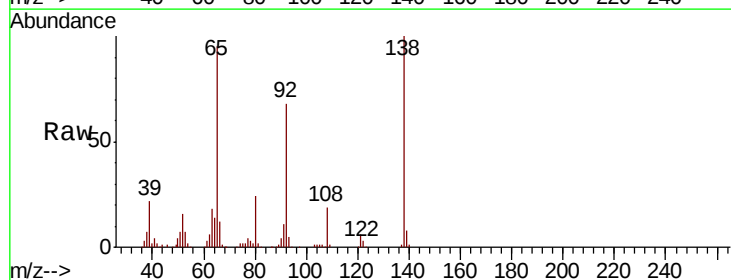


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

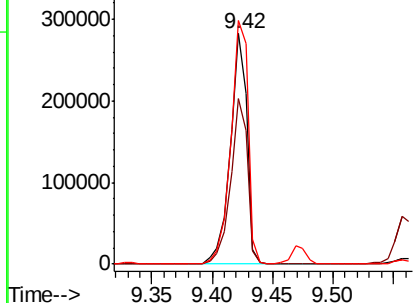
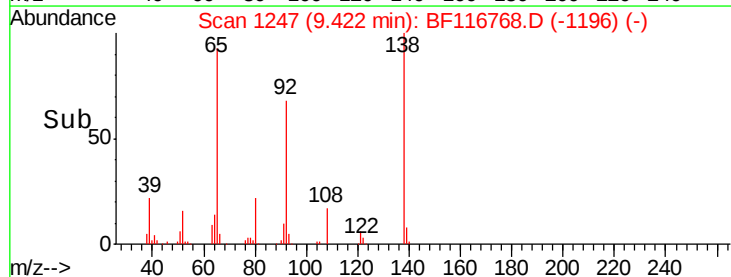


#48
 2-Nitroaniline
 Concen: 45.372 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. 0.00 min
 Lab File: BF116768.D
 Acq: 3 Sep 2019 13:18

Tgt Ion: 65 Resp: 270718
 Ion Ratio Lower Upper
 65 100
 92 71.6 57.1 85.7
 138 105.7 88.2 132.2



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





#49

Acenaphthylene

Concen: 42.506 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF116768.D

Acq: 3 Sep 2019 13:18

Instrument :

BNA_F

ClientSampleId :

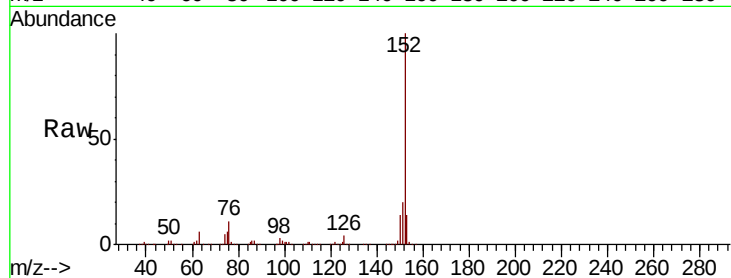
Tot Ion:152 Resp: 1326076

Ion Ratio Lower Upper

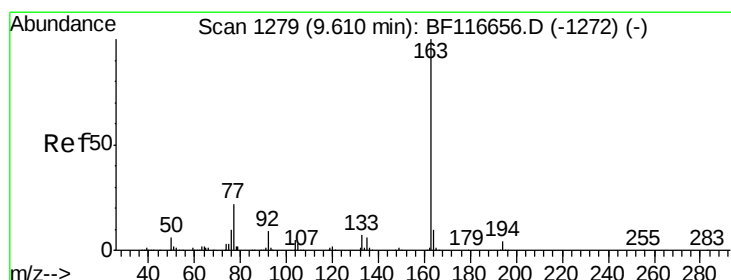
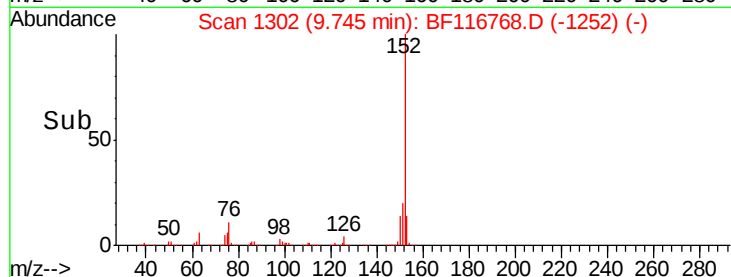
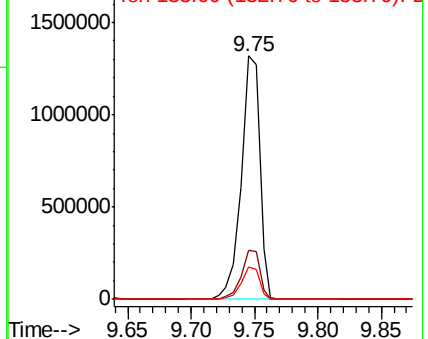
152 100

151 20.1 15.9 23.9

153 13.5 10.9 16.3



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: 41.557 ng

RT: 9.61 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF116768.D

Acq: 3 Sep 2019 13:18

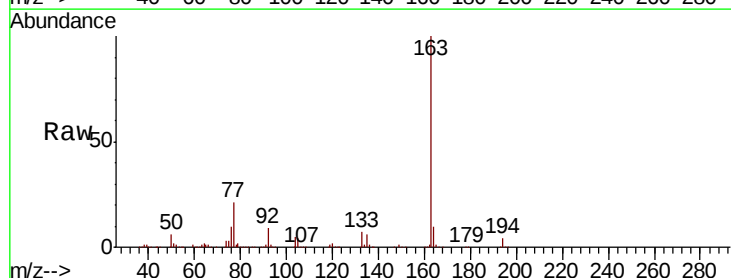
Tgt Ion:163 Resp: 985237

Ion Ratio Lower Upper

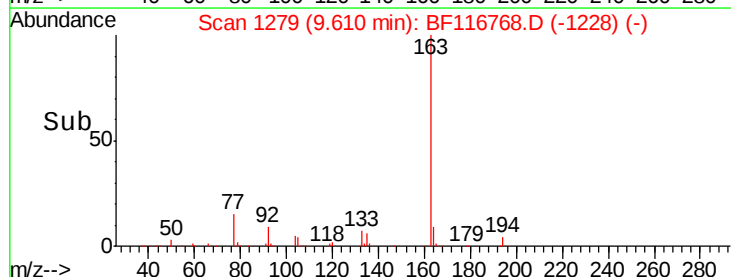
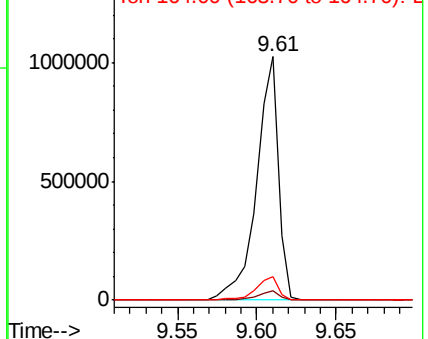
163 100

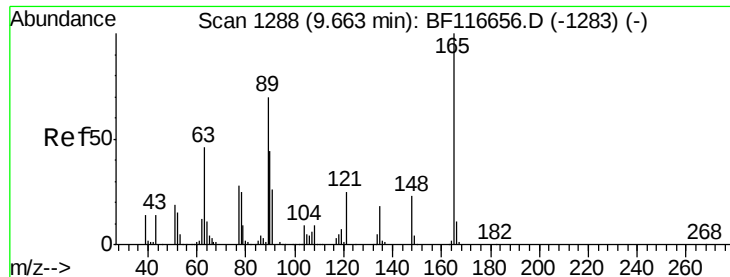
194 4.0 2.8 4.2

164 9.7 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: 49.762 ng

RT: 9.66 min Scan# 1288

Delta R.T. 0.00 min

Lab File: BF116768.D

Acq: 3 Sep 2019 13:18

Instrument :

BNA_F

ClientSampleId :

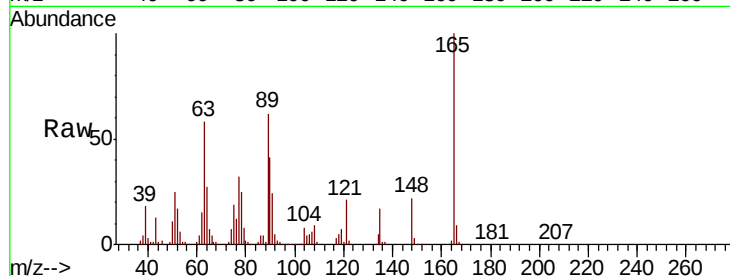
Tot Ion:165 Resp: 225091

Ion Ratio Lower Upper

165 100

63 58.3 47.3 70.9

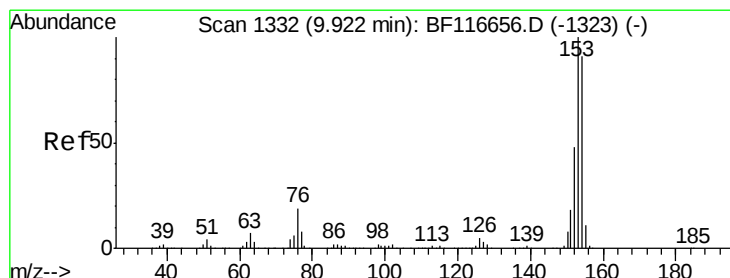
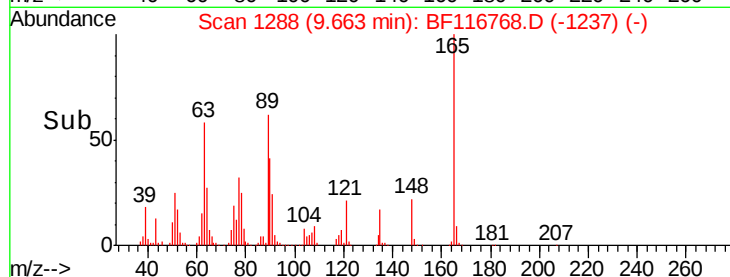
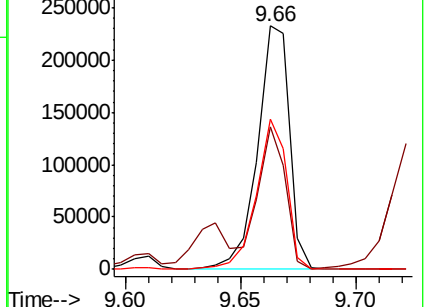
89 61.9 52.5 78.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 44.913 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.00 min

Lab File: BF116768.D

Acq: 3 Sep 2019 13:18

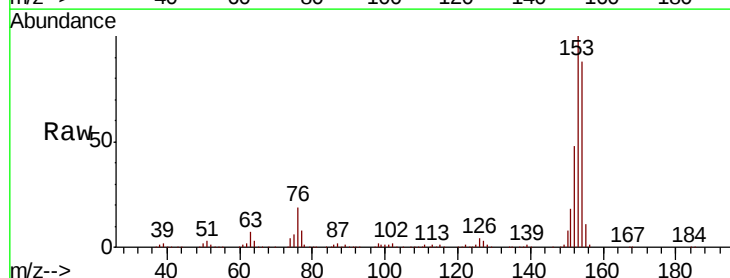
Tgt Ion:154 Resp: 860928

Ion Ratio Lower Upper

154 100

153 113.2 89.5 134.3

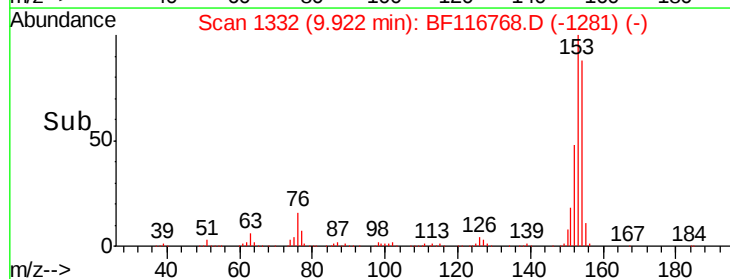
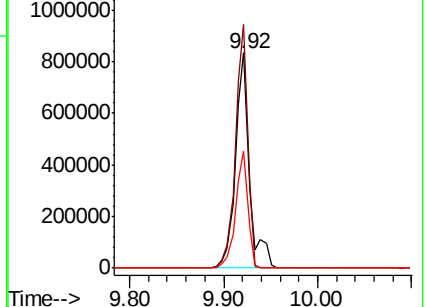
152 54.5 41.9 62.9



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

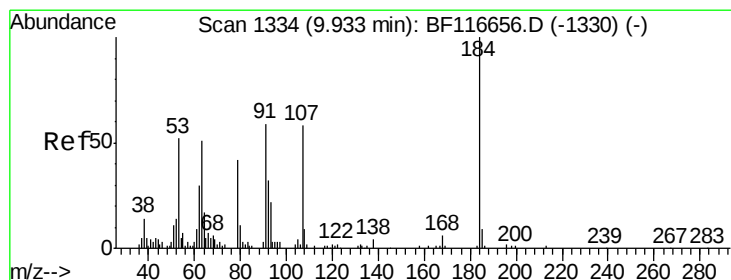
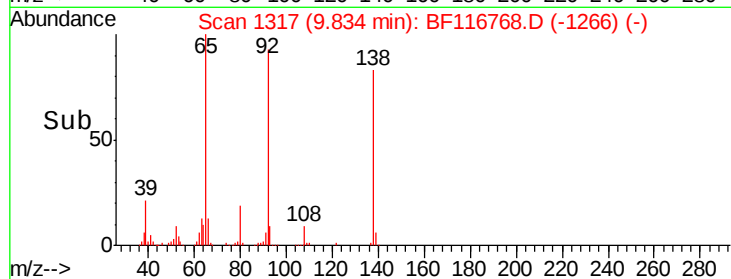
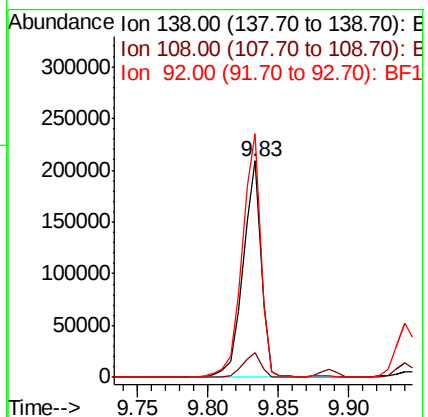
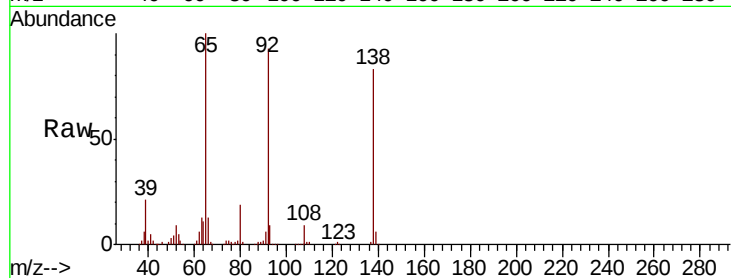




#53
3-Nitroaniline
Concen: 33.094 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

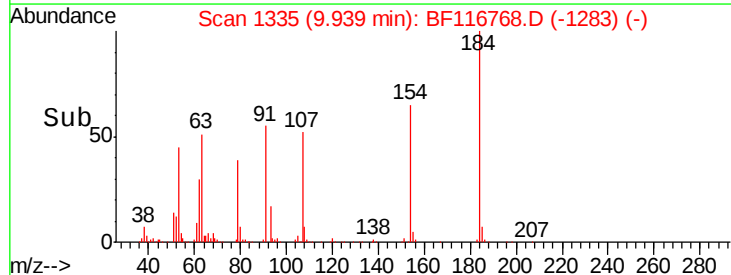
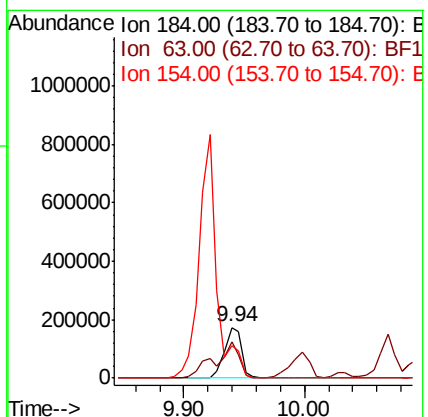
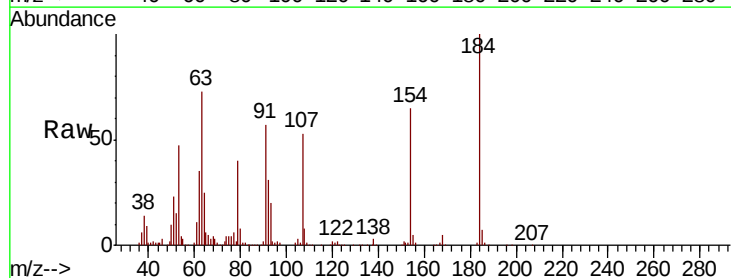
Instrument :
BNA_F
ClientSampleId :

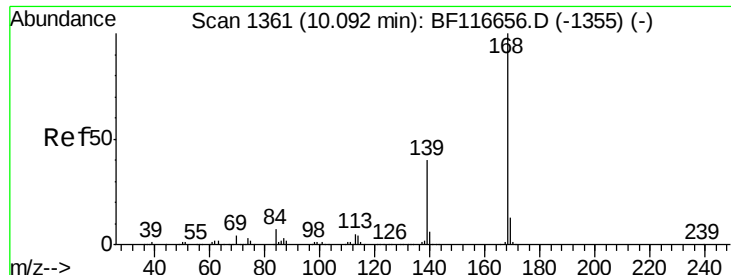
Tot Ion:138 Resp: 187598
Ion Ratio Lower Upper
138 100
108 11.3 8.5 12.7
92 112.4 87.2 130.8



#54
2,4-Dinitrophenol
Concen: 103.360 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Tgt Ion:184 Resp: 170669
Ion Ratio Lower Upper
184 100
63 72.7 52.2 78.2
154 65.4 60.8 91.2

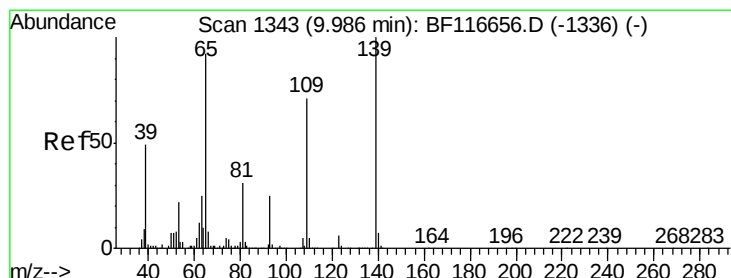
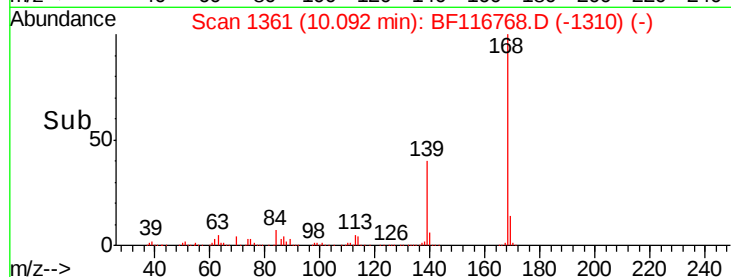
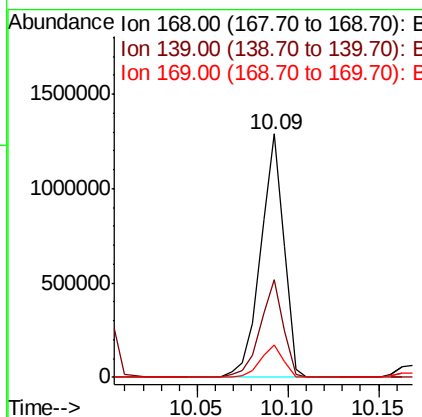
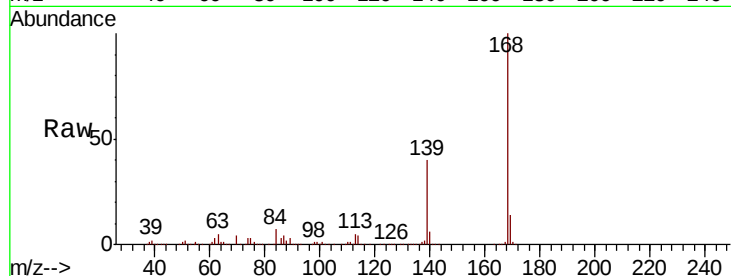




#55
Dibenzofuran
Concen: 42.602 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

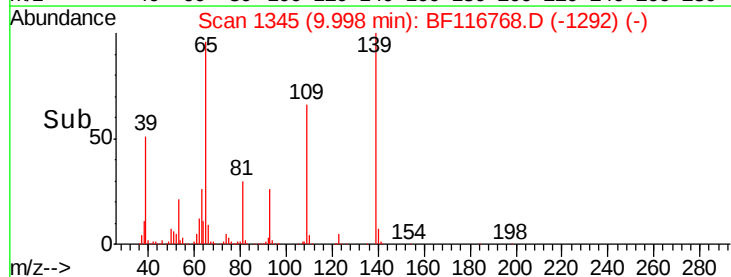
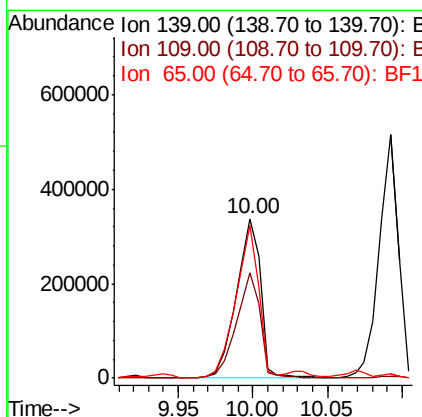
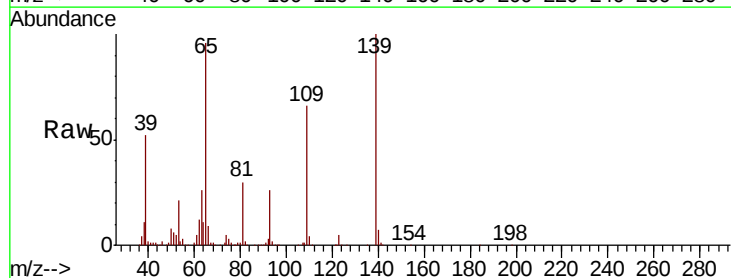
Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1151210
Ion Ratio Lower Upper
168 100
139 40.0 31.5 47.3
169 13.5 10.3 15.5



#56
4-Nitrophenol
Concen: 98.462 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Tgt Ion:139 Resp: 382708
Ion Ratio Lower Upper
139 100
109 66.0 61.7 101.7
65 95.7 89.1 129.1

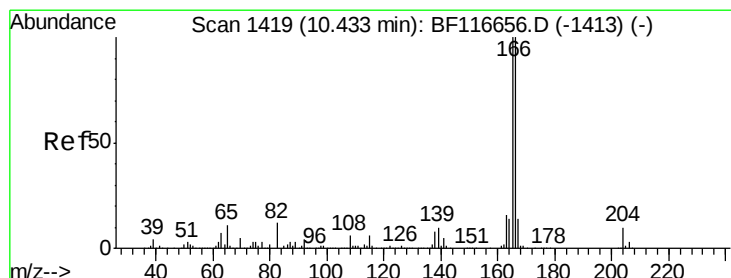
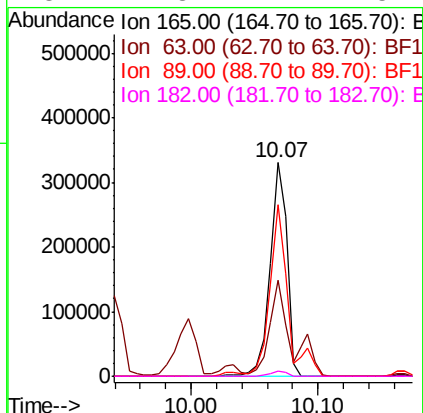
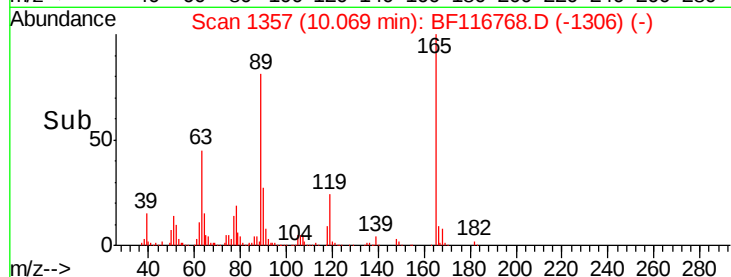
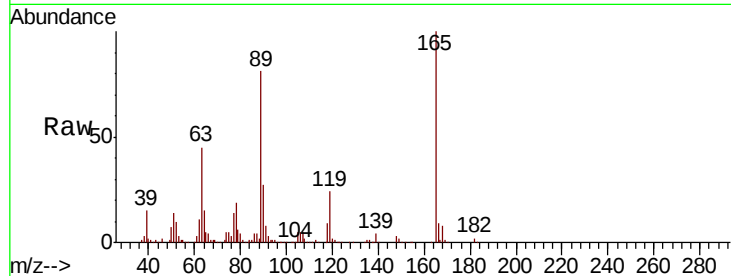




#57
2,4-Dinitrotoluene
Concen: 54.892 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.00 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

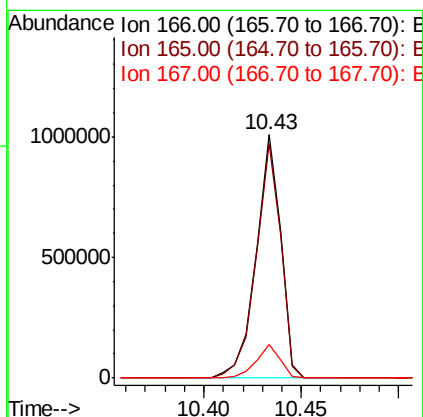
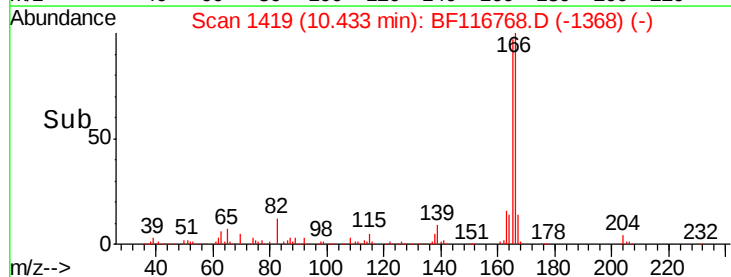
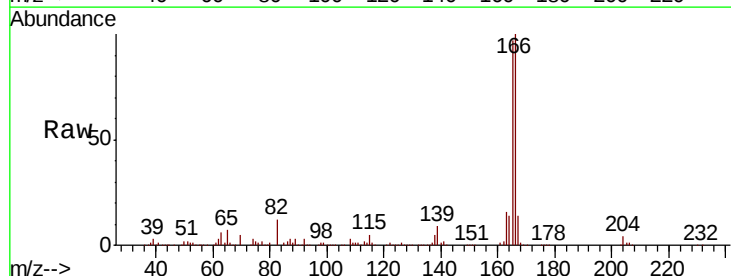
Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 303600
Ion Ratio Lower Upper
165 100
63 44.9 36.4 54.6
89 80.5 62.6 94.0
182 2.3 2.1 3.1



#58
Fluorene
Concen: 42.916 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Tgt Ion:166 Resp: 883647
Ion Ratio Lower Upper
166 100
165 96.5 78.8 118.2
167 13.7 10.0 15.0

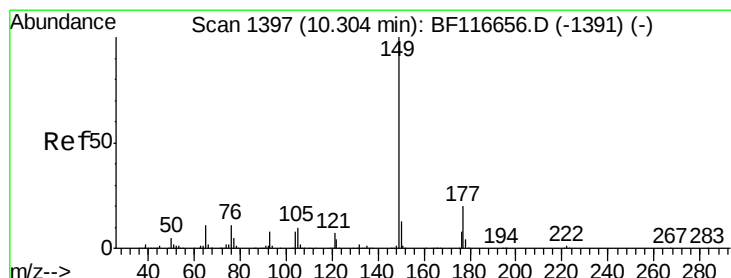
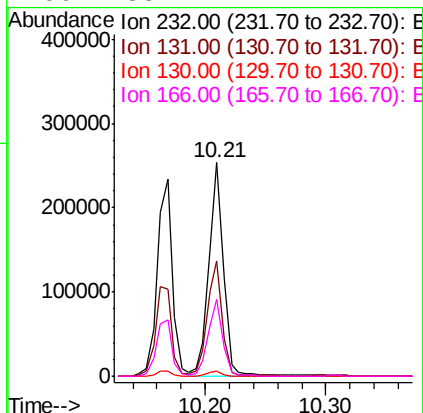
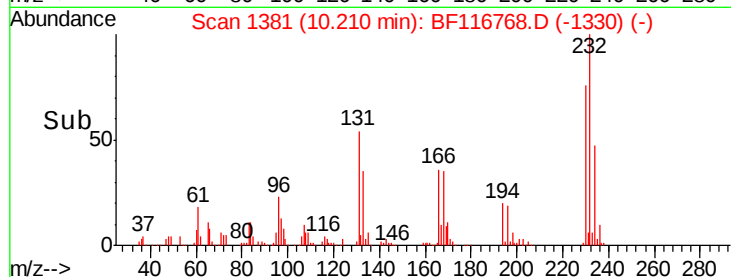
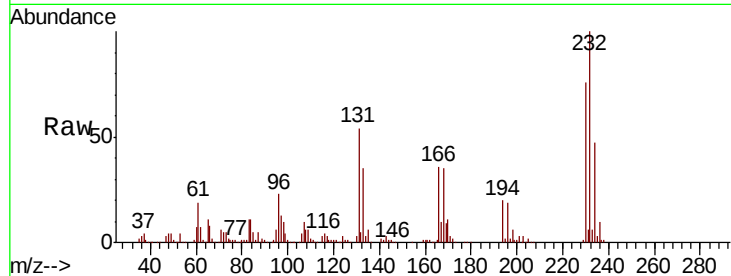




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.293 ng
RT: 10.21 min Scan# 1381
Delta R.T. 0.00 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

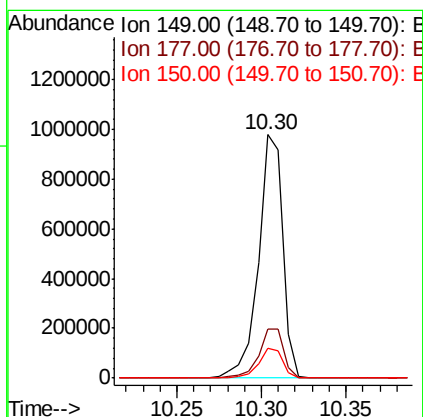
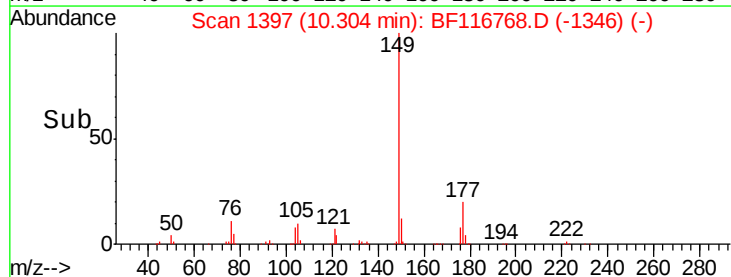
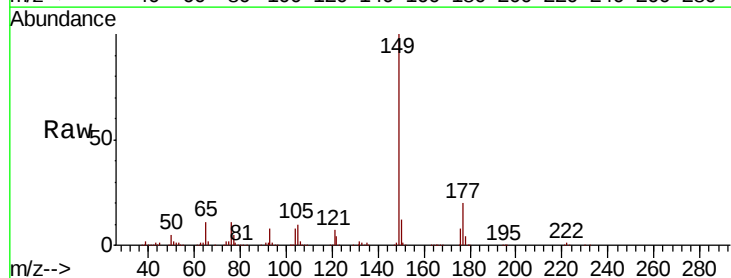
Instrument :
BNA_F
ClientSampleId :

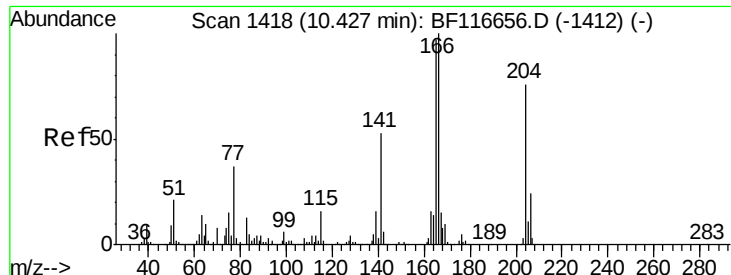
Tot Ion	Ratio	Lower	Upper
232	100		
131	54.6	42.7	64.1
130	2.6	1.9	2.9
166	35.4	27.4	41.2



#60
Diethylphthalate
Concen: 41.260 ng
RT: 10.30 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.3	17.2	25.8
150	12.3	9.7	14.5

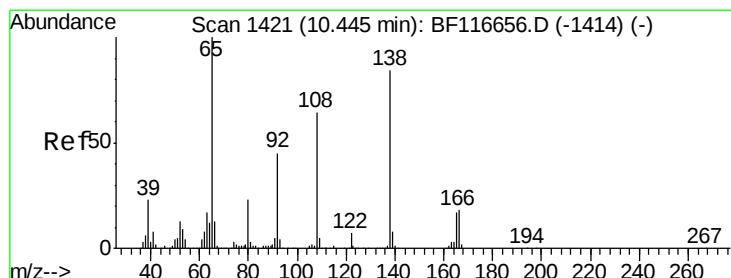
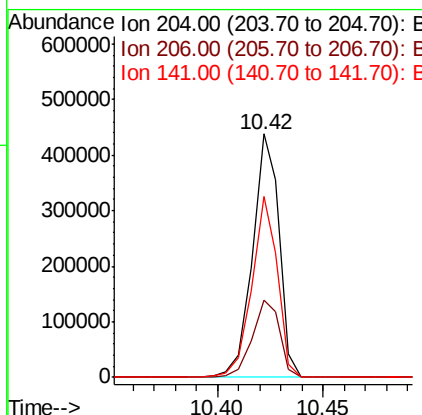
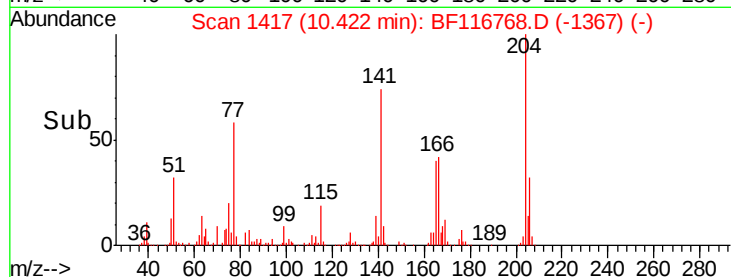
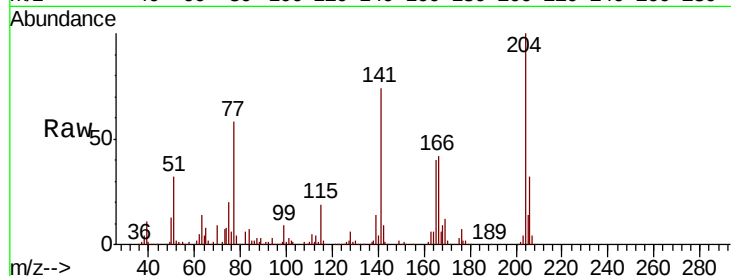




#61
4-Chlorophenyl-phenylether
Concen: 42.472 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

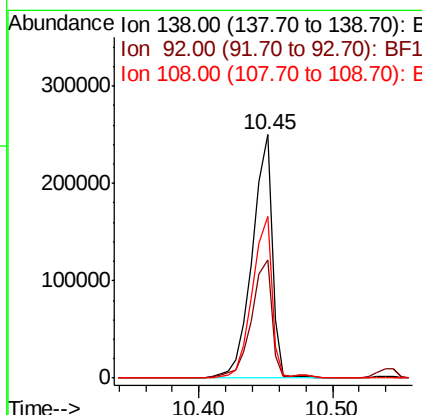
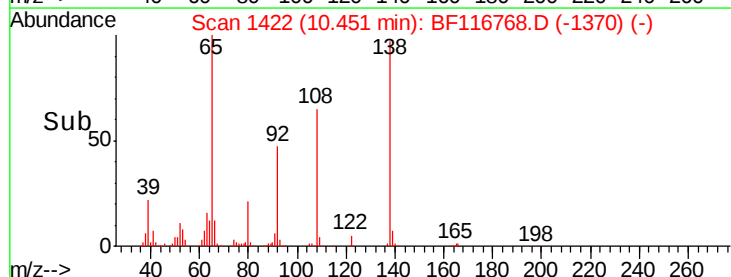
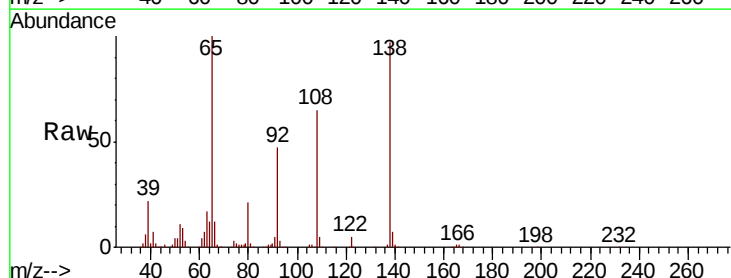
Instrument :
BNA_F
ClientSampled :

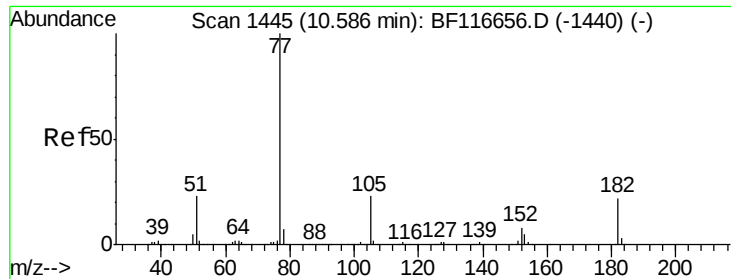
Tot Ion:204 Resp: 382942
Ion Ratio Lower Upper
204 100
206 31.5 25.4 38.2
141 74.3 53.8 80.8



#62
4-Nitroaniline
Concen: 46.452 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.01 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Tgt Ion:138 Resp: 255544
Ion Ratio Lower Upper
138 100
92 48.3 28.7 68.7
108 66.5 60.4 100.4

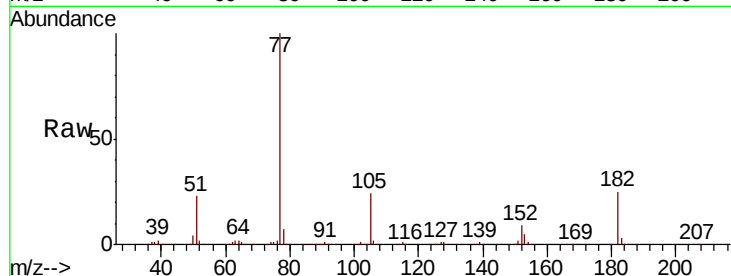




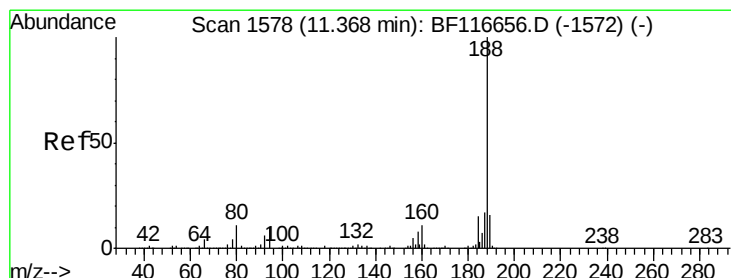
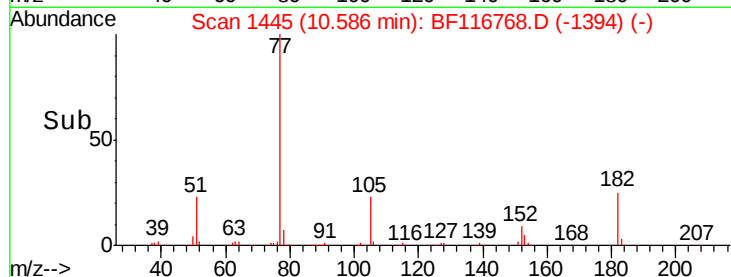
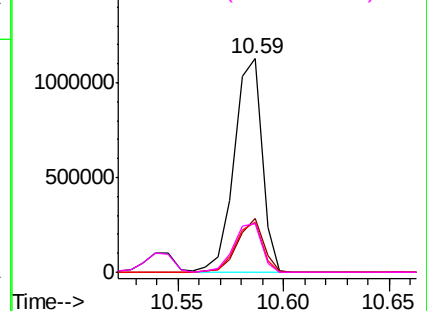
#63
Azobenzene
Concen: 41.236 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1021128
Ion Ratio Lower Upper
77 100
182 24.9 1.2 41.2
105 23.6 0.6 40.6
51 22.6 8.2 48.2

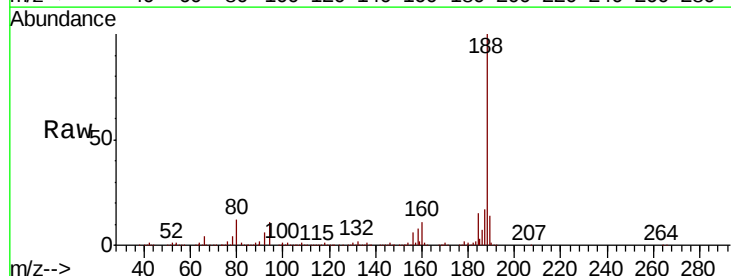


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

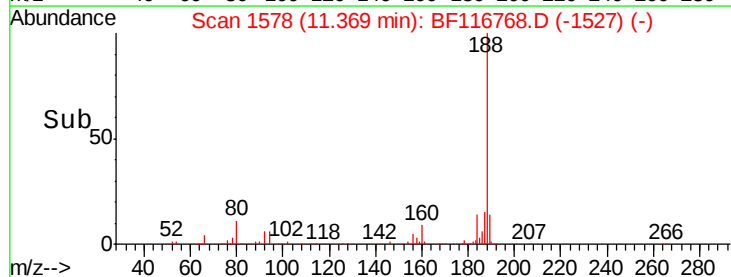
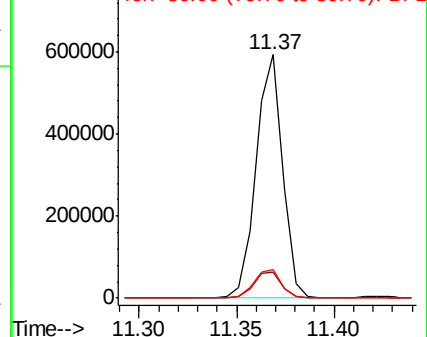


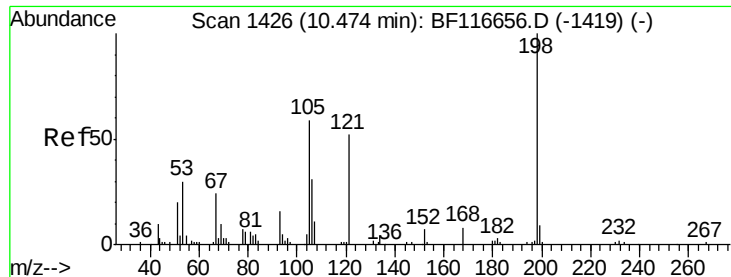
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.00 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Tgt Ion: 188 Resp: 555559
Ion Ratio Lower Upper
188 100
94 10.5 7.3 10.9
80 11.8 8.4 12.6



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

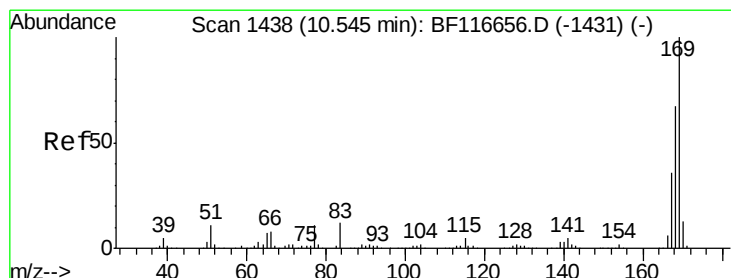
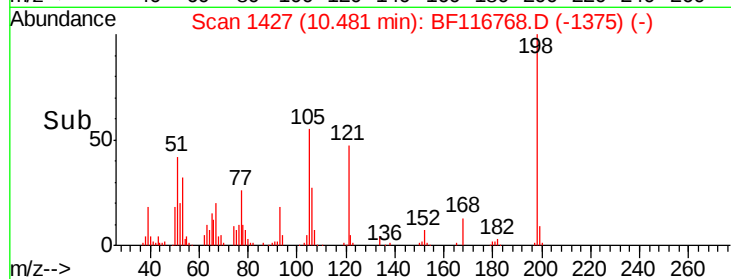
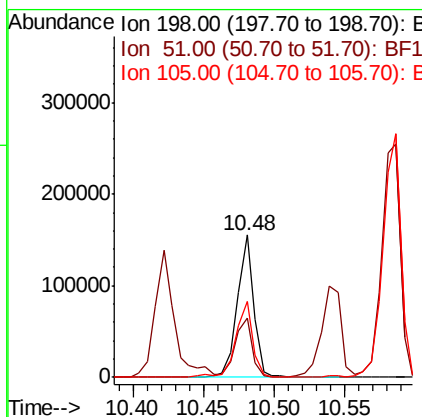
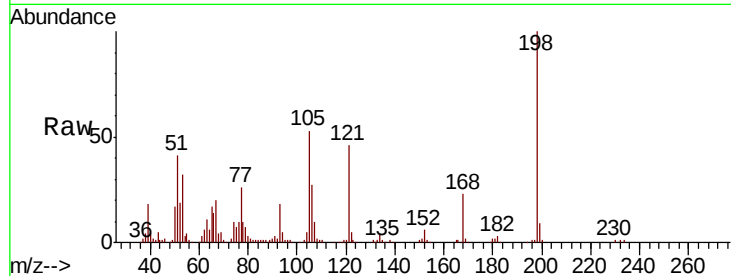




#65
4,6-Dinitro-2-methylphenol
Concen: 59.428 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

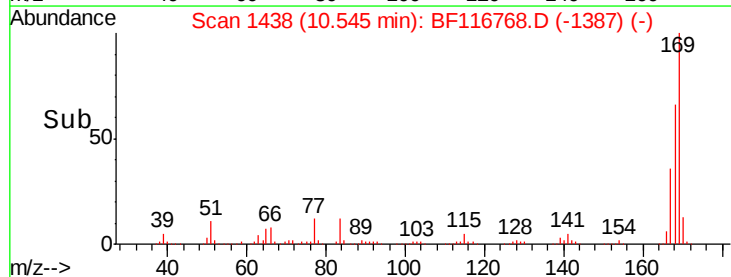
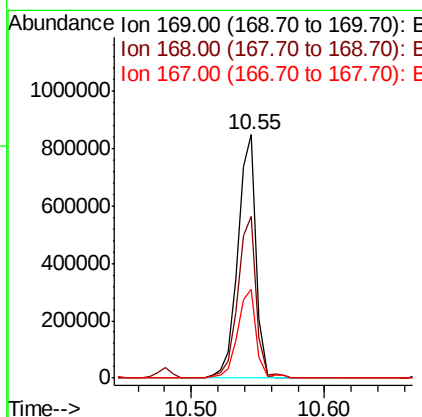
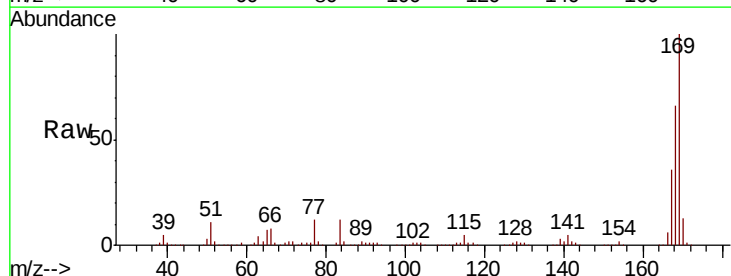
Instrument :
BNA_F
ClientSampleId :

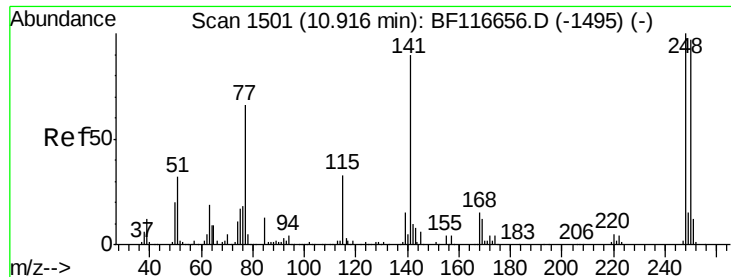
Tot Ion:198 Resp: 125891
Ion Ratio Lower Upper
198 100
51 41.3 18.4 58.4
105 53.3 22.9 62.9



#66
n-Nitrosodiphenylamine
Concen: 42.081 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Tgt Ion:169 Resp: 808738
Ion Ratio Lower Upper
169 100
168 66.4 55.8 83.6
167 36.2 29.4 44.2

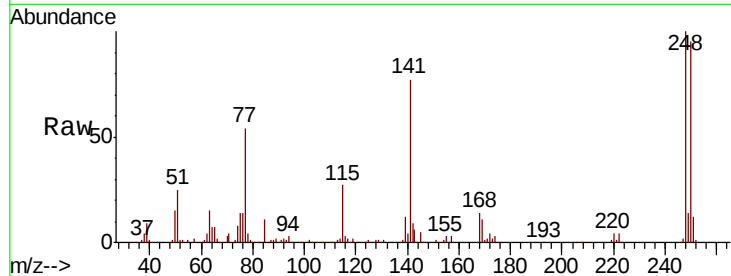




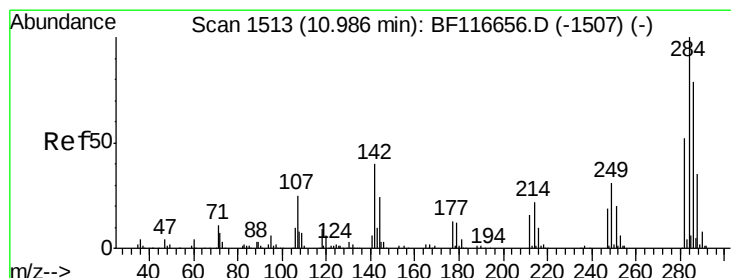
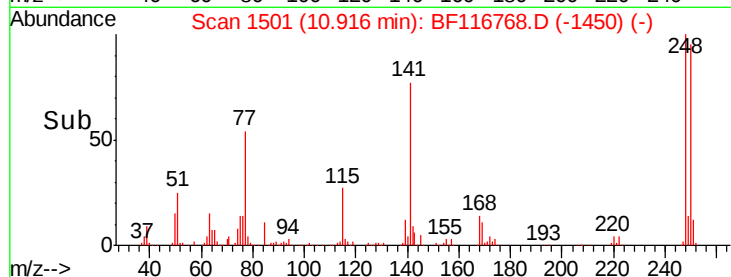
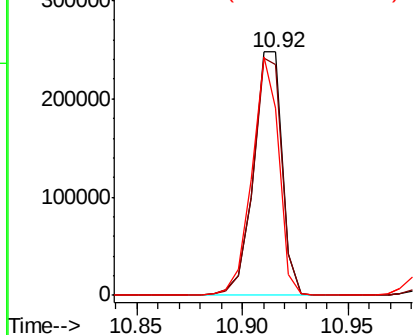
#67
4-Bromophenyl-phenylether
Concen: 41.674 ng
RT: 10.92 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 235199
Ion Ratio Lower Upper
248 100
250 95.0 77.8 116.8
141 76.9 75.9 113.9

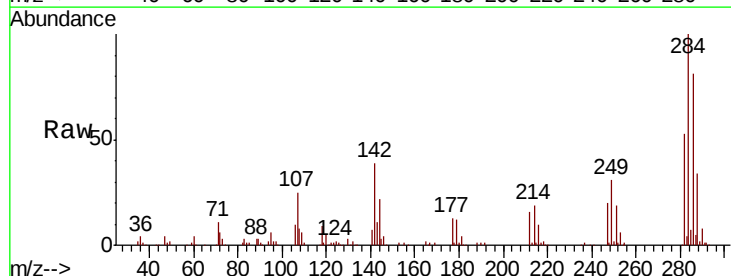


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

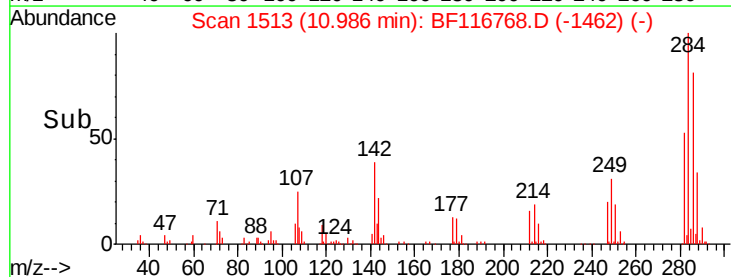
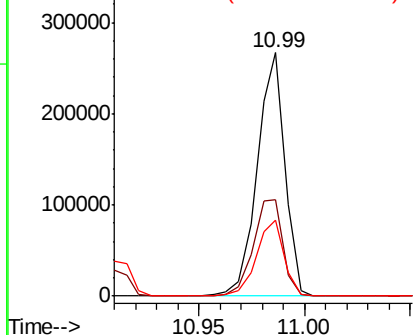


#68
Hexachlorobenzene
Concen: 41.163 ng
RT: 10.99 min Scan# 1513
Delta R.T. 0.00 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Tgt Ion:284 Resp: 243057
Ion Ratio Lower Upper
284 100
142 39.5 34.0 51.0
249 31.1 26.4 39.6



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: 42.558 ng

RT: 11.07 min Scan# 1527

Delta R.T. 0.00 min

Lab File: BF116768.D

Acq: 3 Sep 2019 13:18

Instrument :

BNA_F

ClientSampleId :

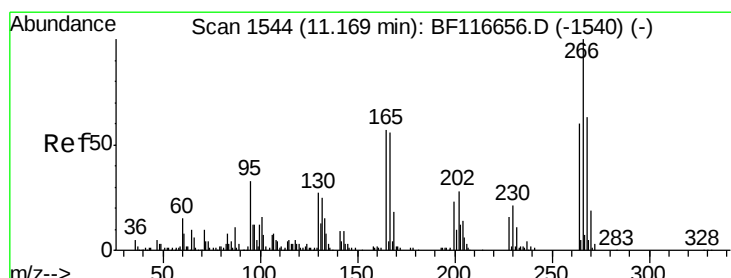
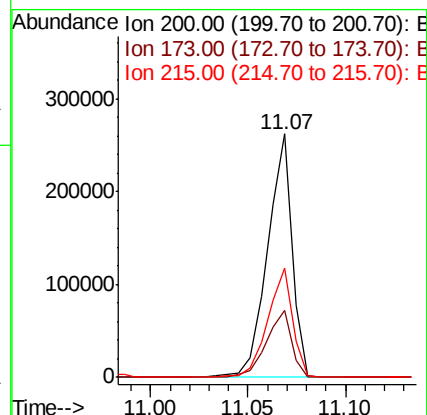
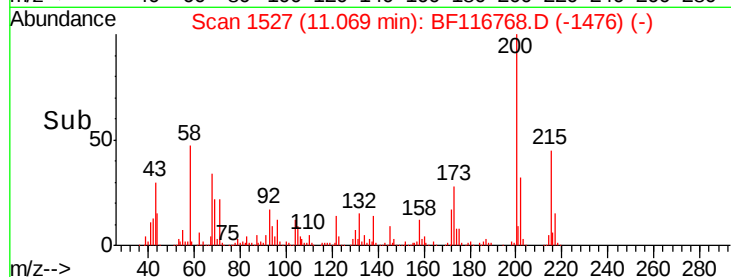
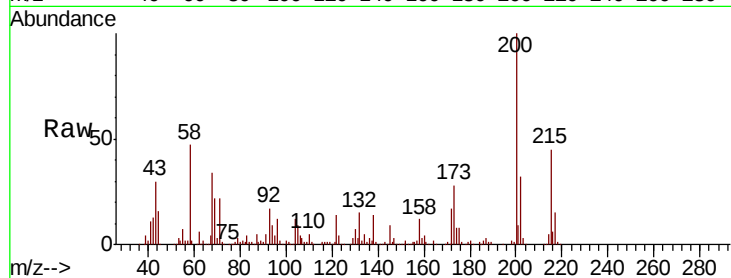
Tot Ion:200 Resp: 229077

Ion Ratio Lower Upper

200 100

173 27.6 6.2 46.2

215 44.8 24.3 64.3



#70

Pentachlorophenol

Concen: 99.445 ng

RT: 11.17 min Scan# 1545

Delta R.T. 0.01 min

Lab File: BF116768.D

Acq: 3 Sep 2019 13:18

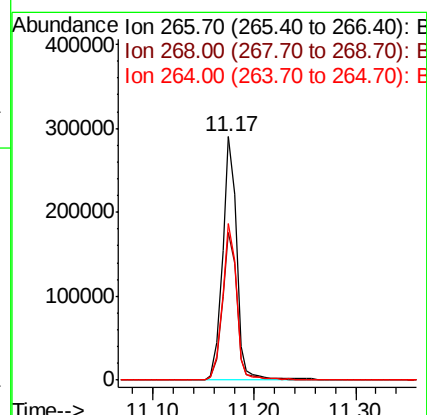
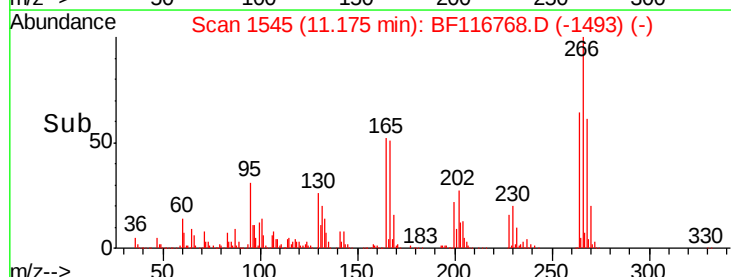
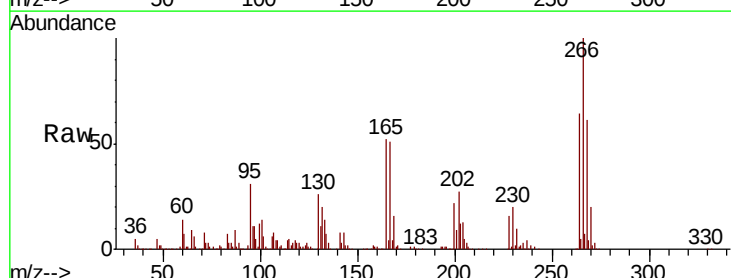
Tgt Ion:266 Resp: 284057

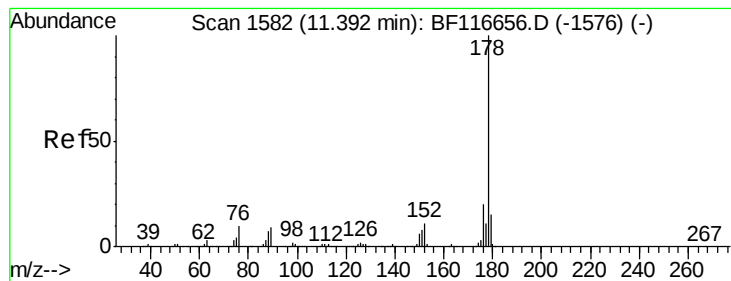
Ion Ratio Lower Upper

266 100

268 60.8 51.2 76.8

264 64.2 51.9 77.9





#71

Phenanthrene

Concen: 41.365 ng

RT: 11.39 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BF116768.D

Acq: 3 Sep 2019 13:18

Instrument :

BNA_F

ClientSampleId :

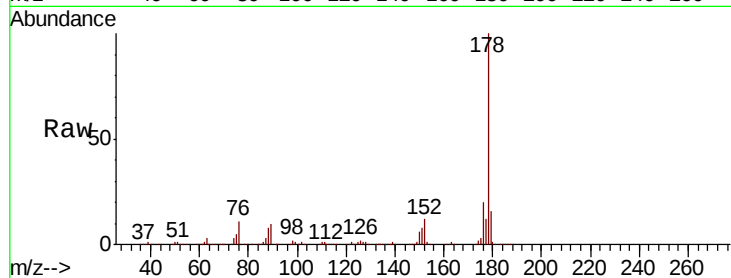
Tot Ion:178 Resp: 1279265

Ion Ratio Lower Upper

178 100

176 20.1 15.4 23.0

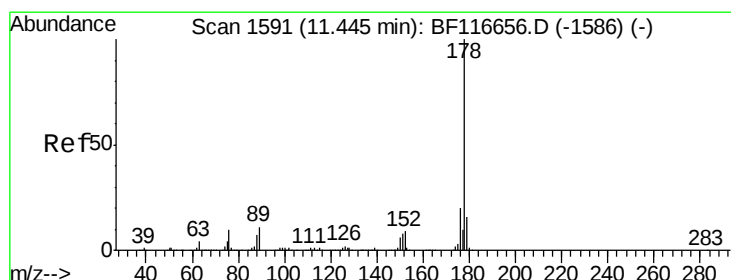
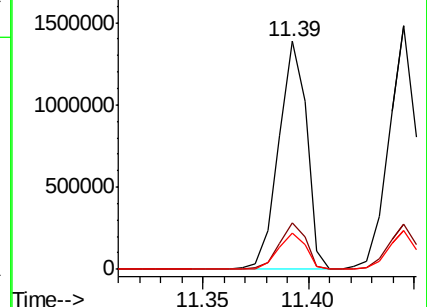
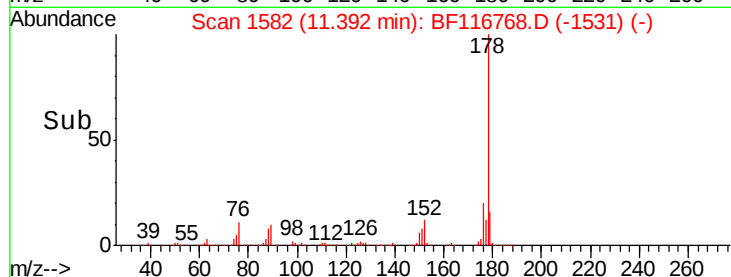
179 16.0 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.844 ng

RT: 11.45 min Scan# 1591

Delta R.T. 0.00 min

Lab File: BF116768.D

Acq: 3 Sep 2019 13:18

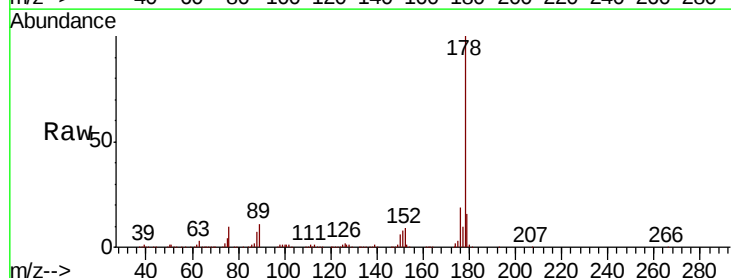
Tgt Ion:178 Resp: 1302654

Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.0

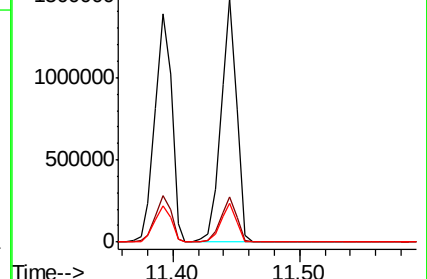
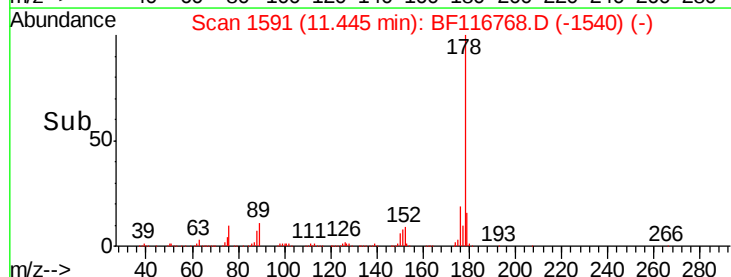
179 16.0 12.5 18.7

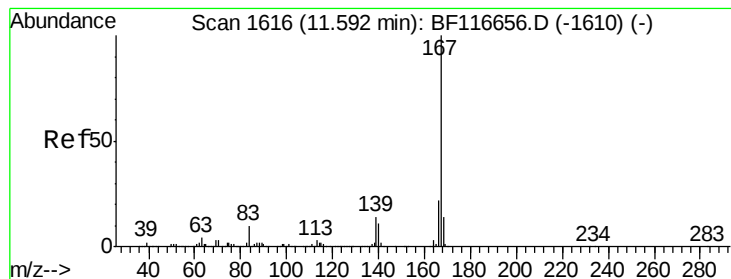


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 41.675 ng

RT: 11.60 min Scan# 1617

Delta R.T. 0.01 min

Lab File: BF116768.D

Acq: 3 Sep 2019 13:18

Instrument :

BNA_F

ClientSampleId :

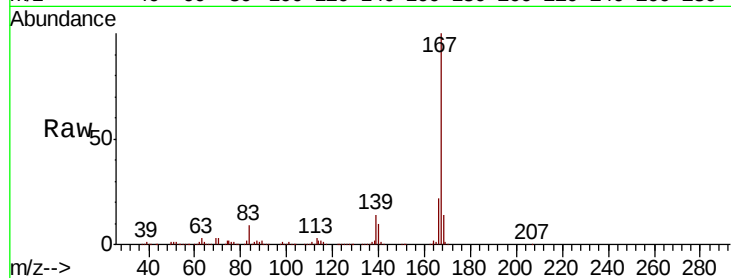
Tot Ion:167 Resp: 1235843

Ion Ratio Lower Upper

167 100

166 22.2 17.8 26.6

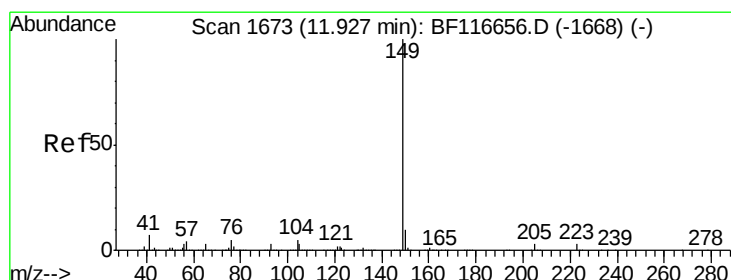
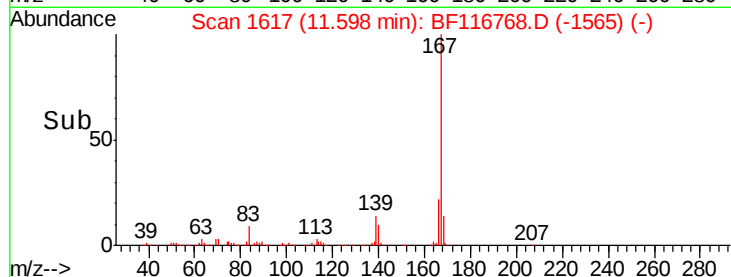
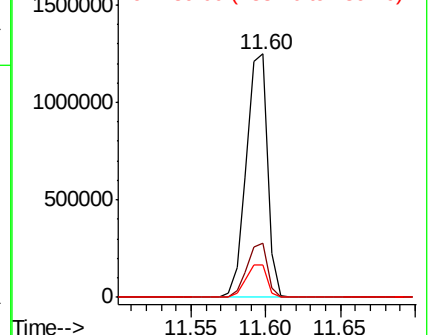
139 13.5 11.1 16.7



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.763 ng

RT: 11.93 min Scan# 1673

Delta R.T. 0.00 min

Lab File: BF116768.D

Acq: 3 Sep 2019 13:18

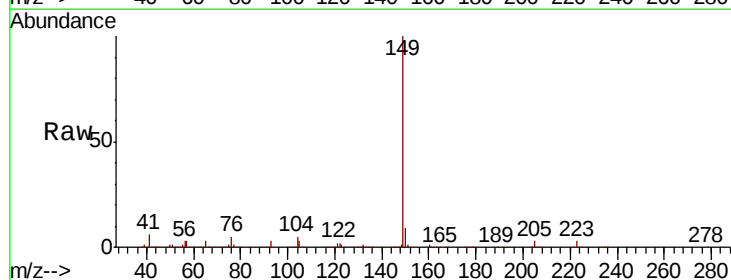
Tgt Ion:149 Resp: 1549647

Ion Ratio Lower Upper

149 100

150 9.5 7.2 10.8

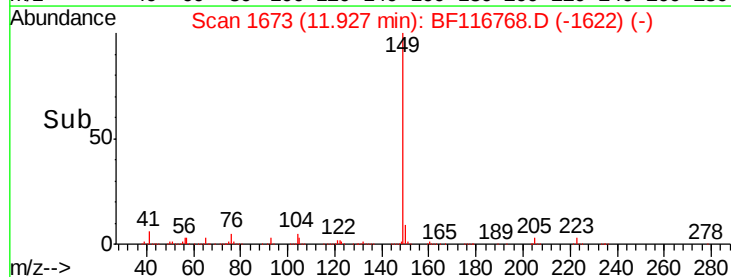
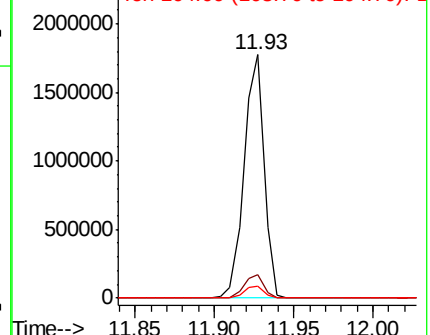
104 4.8 4.2 6.2

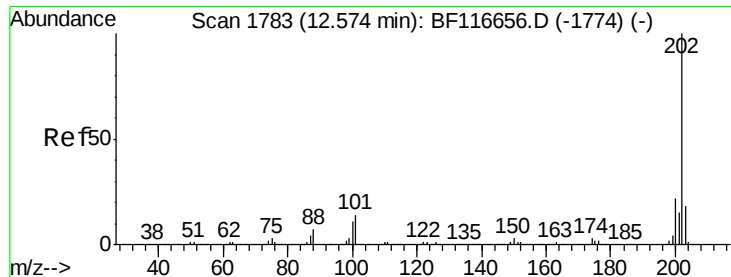


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

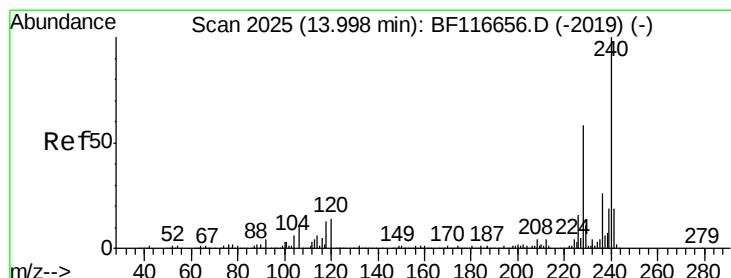
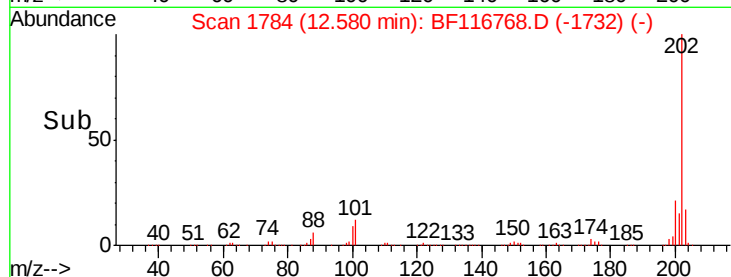
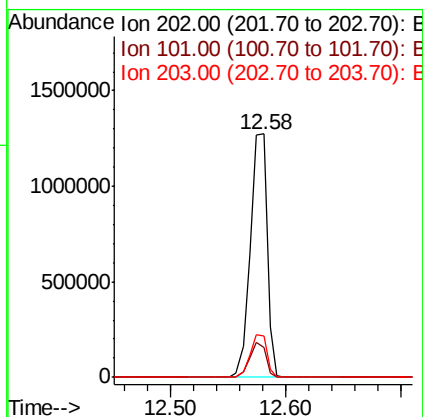
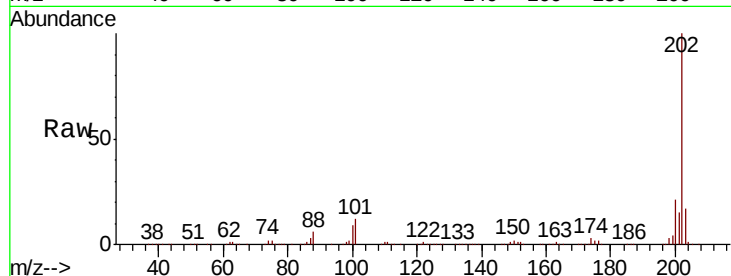




#75
Fluoranthene
Concen: 42.437 ng
RT: 12.58 min Scan# 1784
Delta R.T. 0.01 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

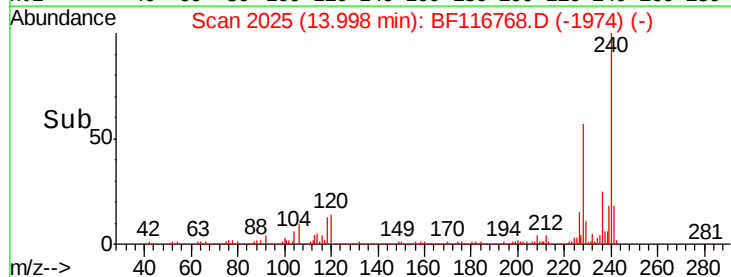
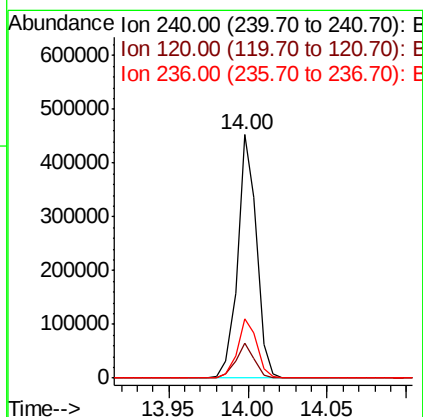
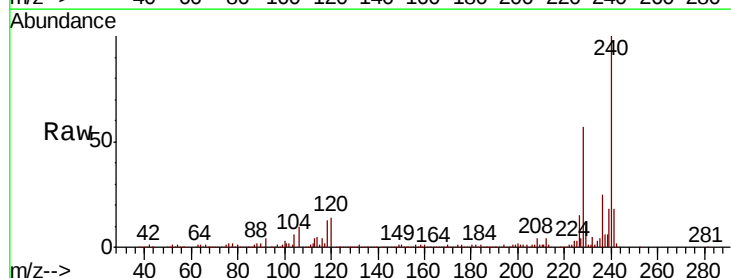
Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1289774
Ion Ratio Lower Upper
202 100
101 12.2 0.0 31.3
203 17.2 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Tgt Ion:240 Resp: 373725
Ion Ratio Lower Upper
240 100
120 14.5 9.1 13.7#
236 24.6 21.1 31.7





#77

Benzidine

Concen: 31.465 ng

RT: 12.69 min Scan# 1803

Delta R.T. 0.00 min

Lab File: BF116768.D

Acq: 3 Sep 2019 13:18

Instrument :

BNA_F

ClientSampleId :

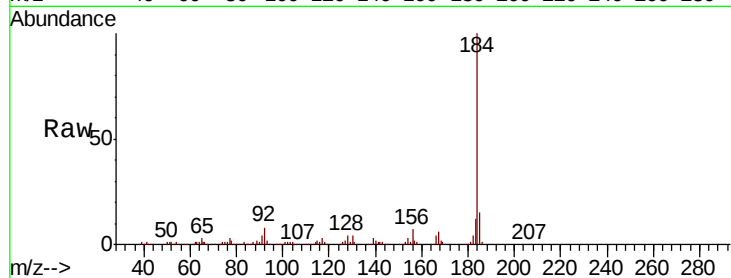
Tot Ion:184 Resp: 461223

Ion Ratio Lower Upper

184 100

185 14.9 11.3 16.9

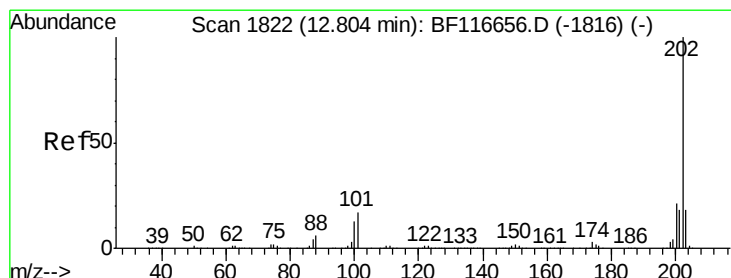
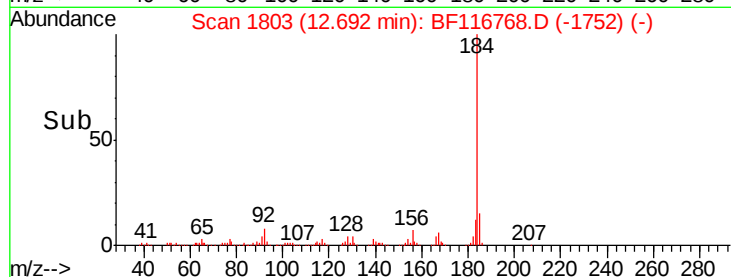
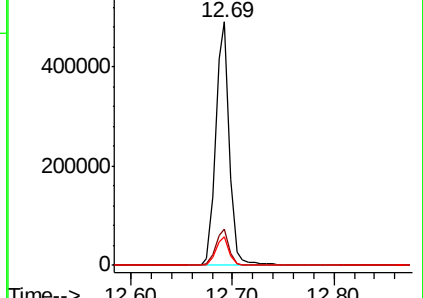
183 11.7 9.2 13.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.013 ng

RT: 12.80 min Scan# 1822

Delta R.T. 0.00 min

Lab File: BF116768.D

Acq: 3 Sep 2019 13:18

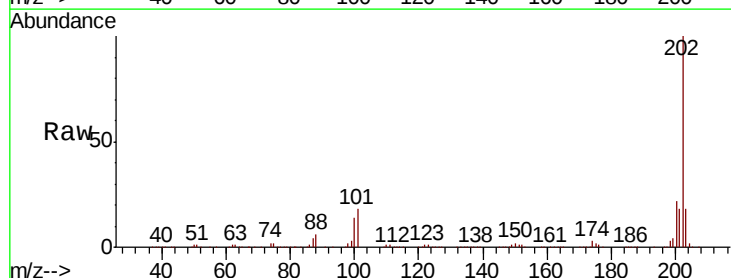
Tgt Ion:202 Resp: 1296087

Ion Ratio Lower Upper

202 100

200 21.7 16.5 24.7

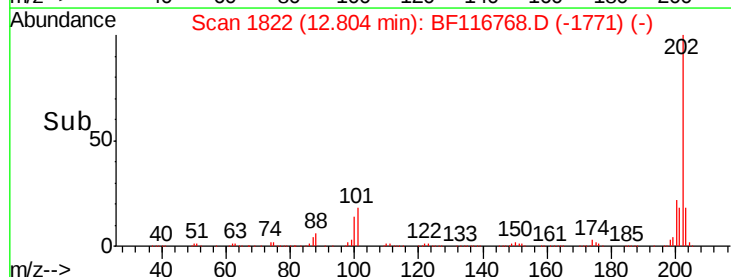
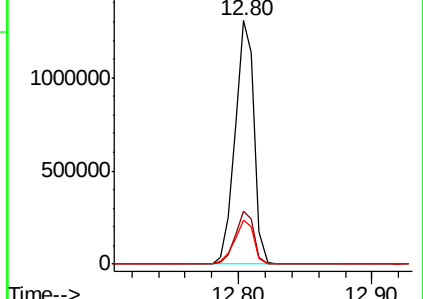
203 18.2 13.7 20.5



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

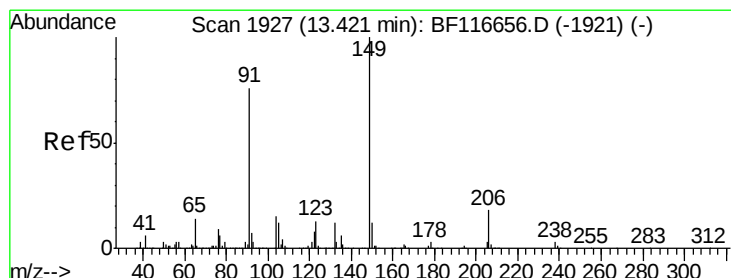
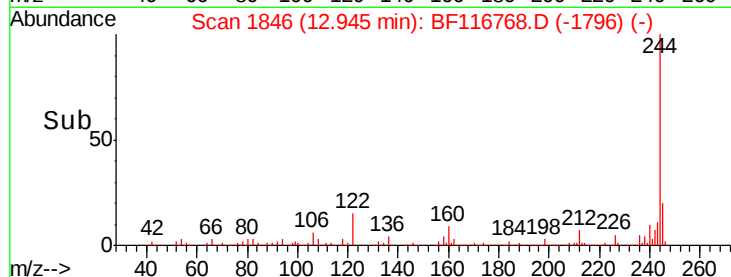
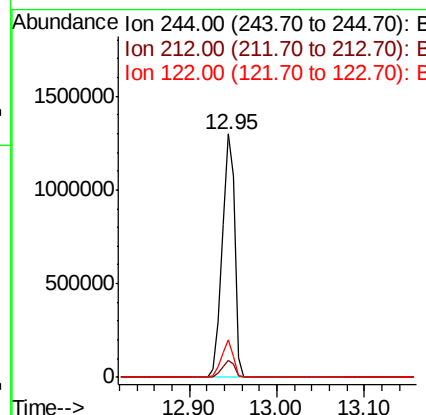
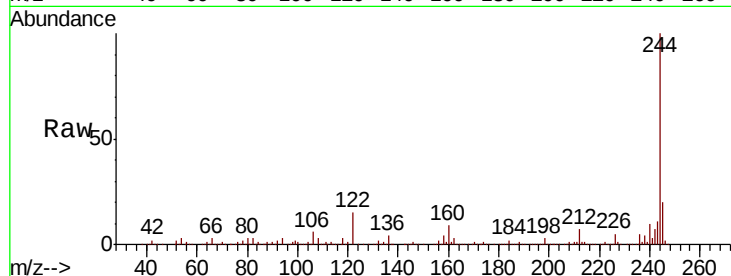




#79
 Terphenyl-d14
 Concen: 63.836 ng
 RT: 12.95 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF116768.D
 Acq: 3 Sep 2019 13:18

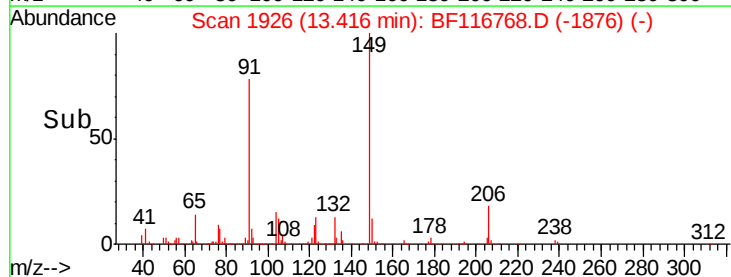
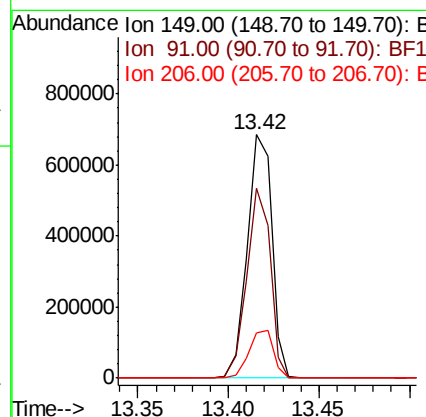
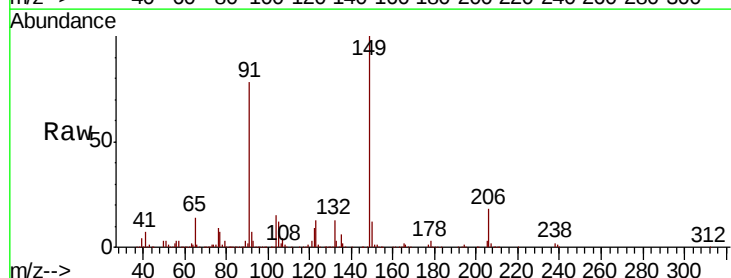
Instrument :
 BNA_F
 ClientSampleId :

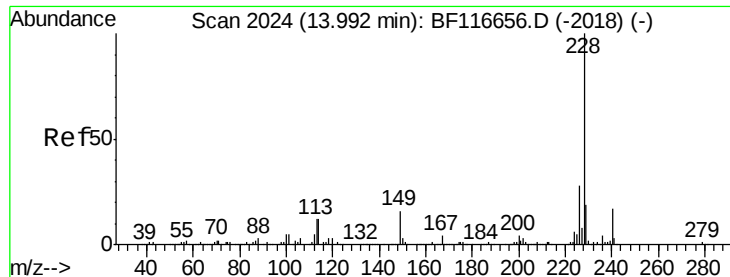
Tot Ion:244 Resp: 1289623
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 15.5 10.2 15.4#



#80
 Butylbenzylphthalate
 Concen: 40.125 ng
 RT: 13.42 min Scan# 1926
 Delta R.T. -0.01 min
 Lab File: BF116768.D
 Acq: 3 Sep 2019 13:18

Tgt Ion:149 Resp: 648240
 Ion Ratio Lower Upper
 149 100
 91 77.9 61.0 91.4
 206 18.4 14.8 22.2





#81

Benzo(a)anthracene

Concen: 41.316 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF116768.D

Acq: 3 Sep 2019 13:18

Instrument :

BNA_F

ClientSampleId :

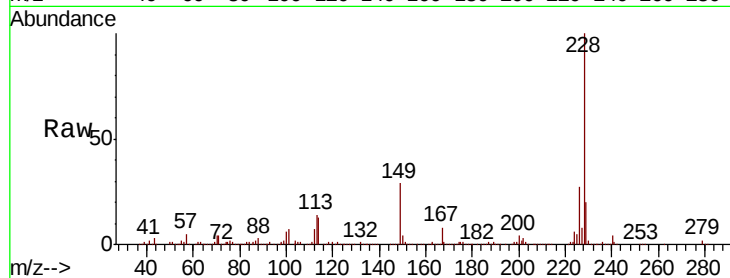
Tot Ion:228 Resp: 977244

Ion Ratio Lower Upper

228 100

226 26.7 22.0 33.0

229 20.2 16.4 24.6

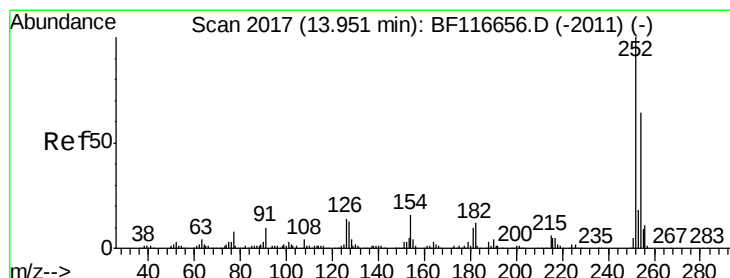
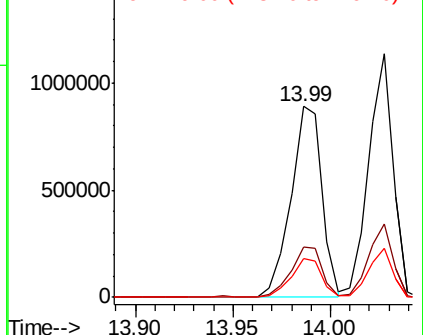
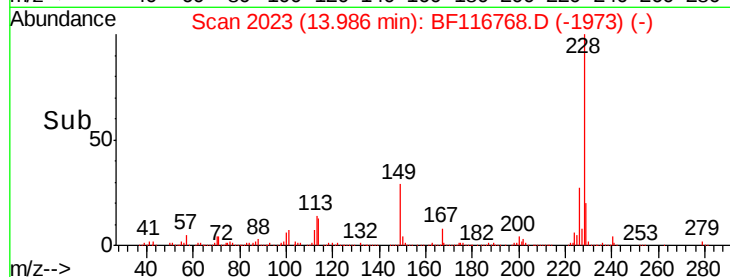


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 33.949 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF116768.D

Acq: 3 Sep 2019 13:18

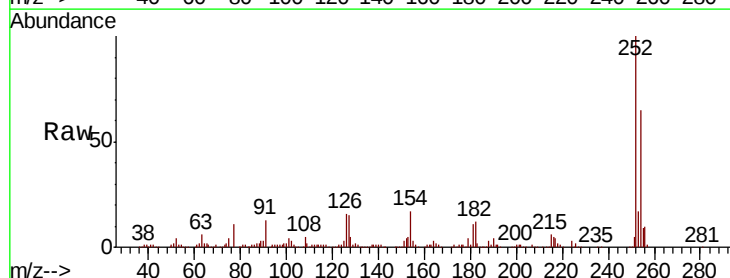
Tgt Ion:252 Resp: 271366

Ion Ratio Lower Upper

252 100

254 64.8 50.1 75.1

126 15.7 10.6 16.0

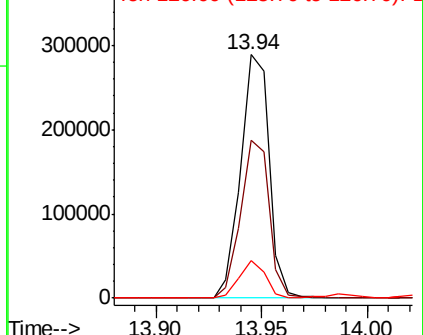
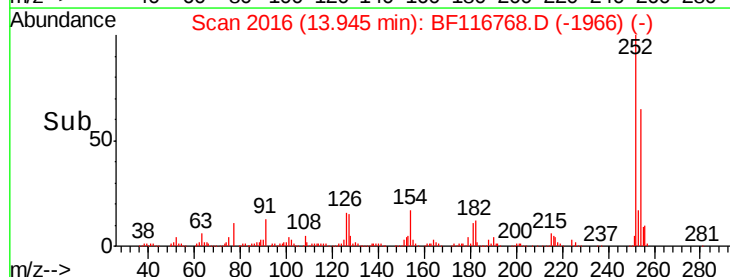


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

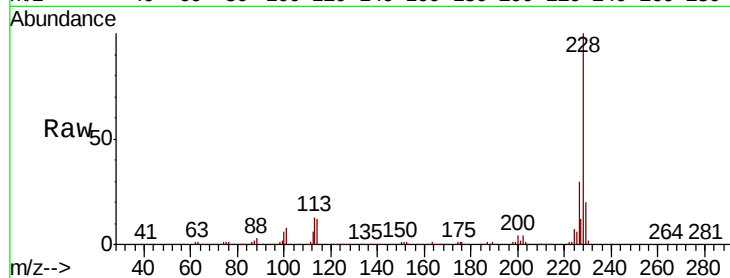




#83
 Chrvsene
 Concen: 40.582 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: BF116768.D
 Acq: 3 Sep 2019 13:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.0	36.0
229	20.0	15.4	23.0

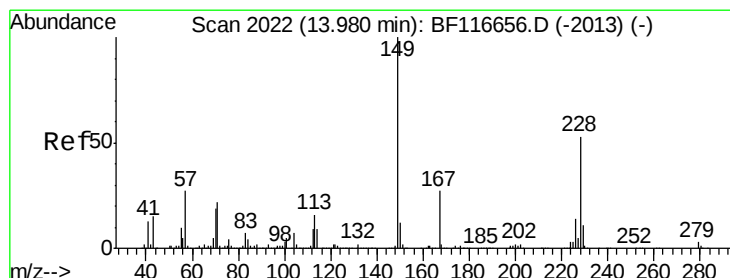
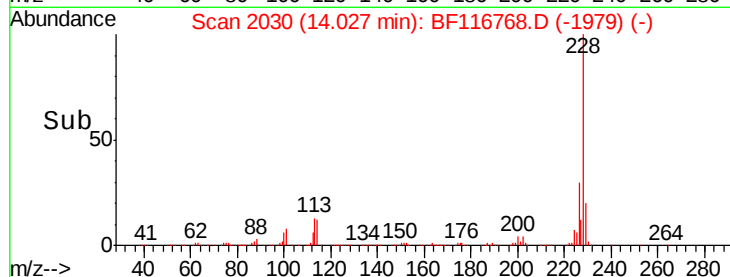
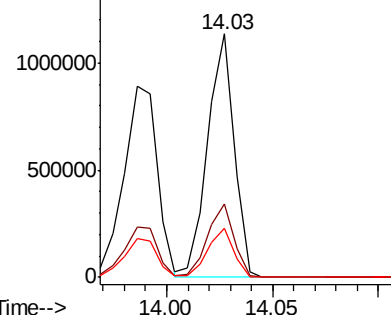


Abundance

Ion 228.00 (227.70 to 228.70): E

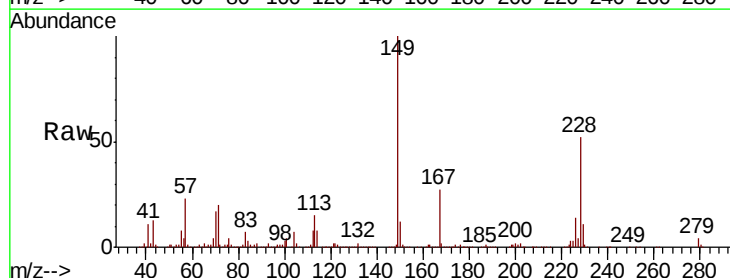
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.495 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.00 min
 Lab File: BF116768.D
 Acq: 3 Sep 2019 13:18

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.0	31.4
279	3.5	2.8	4.2

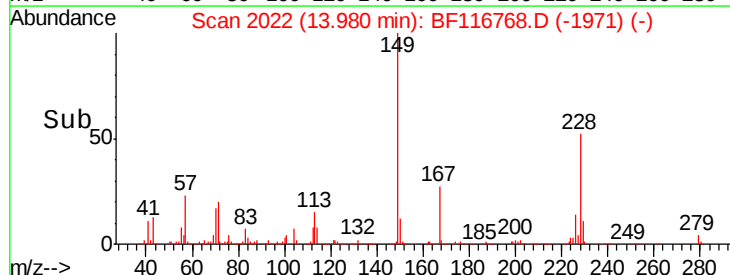
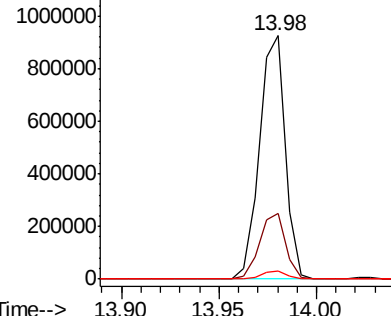


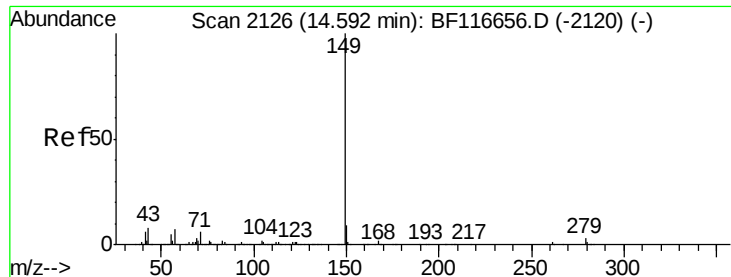
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

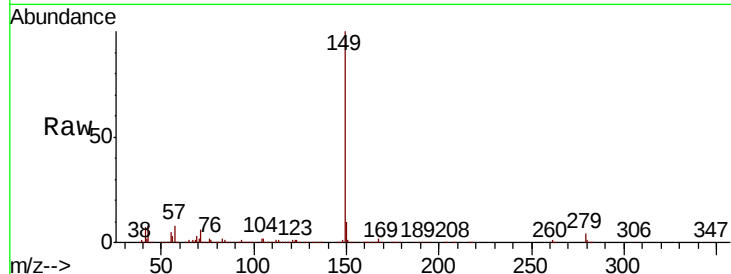




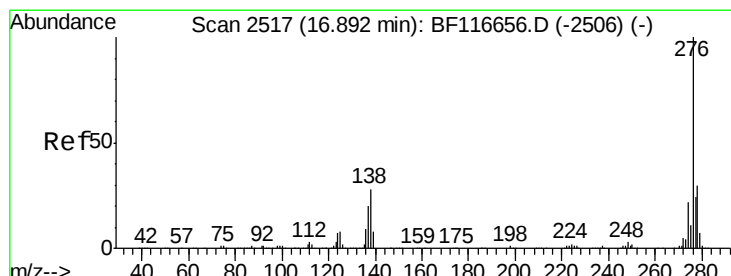
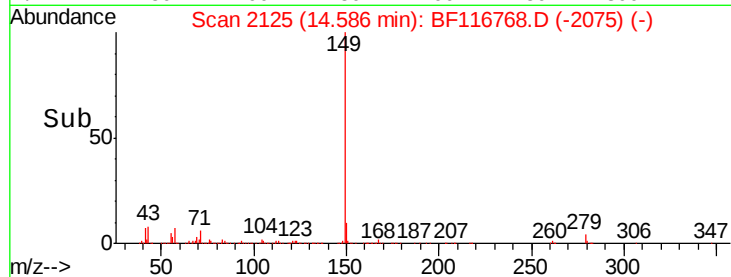
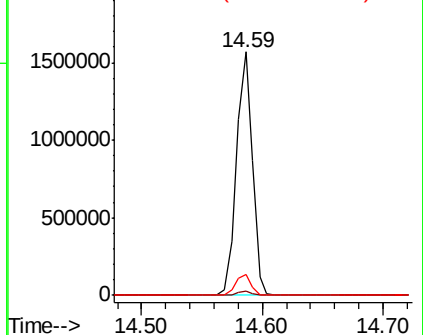
#85
Di-n-octyl phthalate
Concen: 44.283 ng
RT: 14.59 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1445213
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 8.2 7.8 11.8

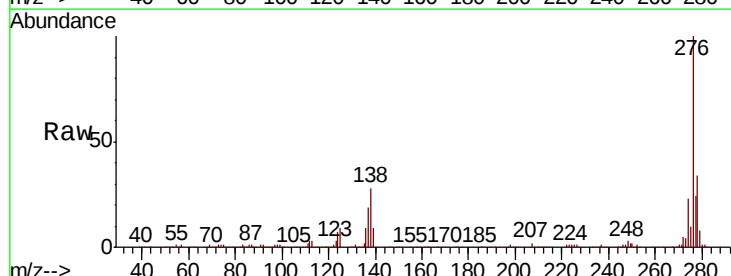


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

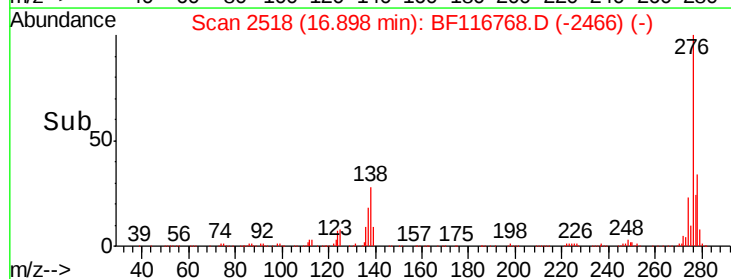
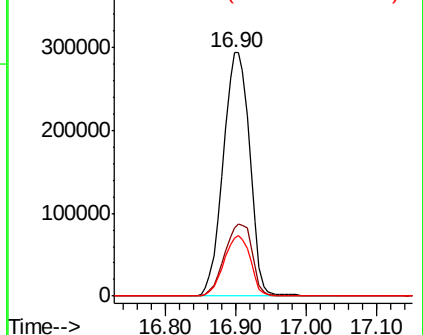


#86
Indeno(1,2,3-cd)pyrene
Concen: 39.223 ng
RT: 16.90 min Scan# 2518
Delta R.T. 0.01 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Tgt Ion:276 Resp: 767720
Ion Ratio Lower Upper
276 100
138 30.9 19.4 29.2#
277 24.8 20.5 30.7



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

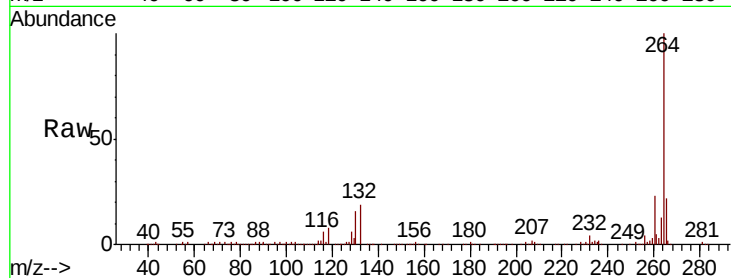




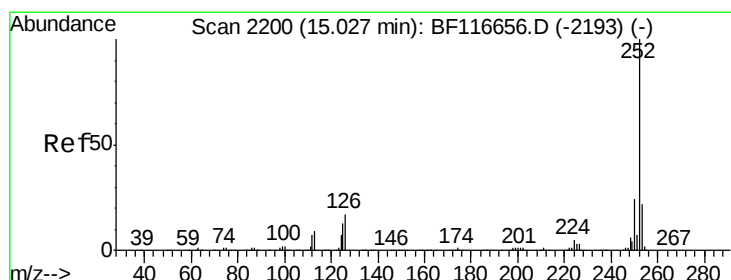
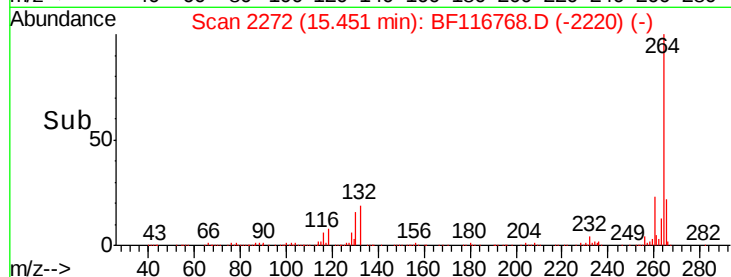
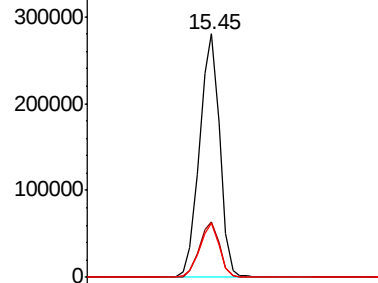
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. 0.01 min
 Lab File: BF116768.D
 Acq: 3 Sep 2019 13:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 325168
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.3 27.5
 265 22.2 16.5 24.7

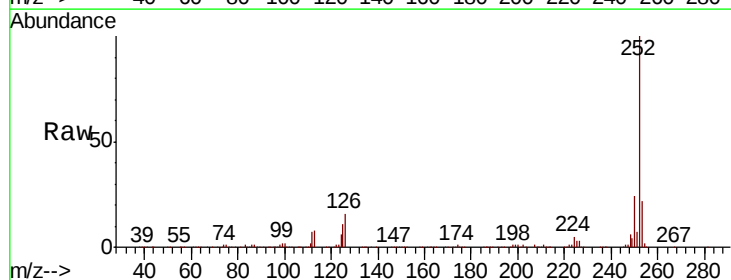


Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

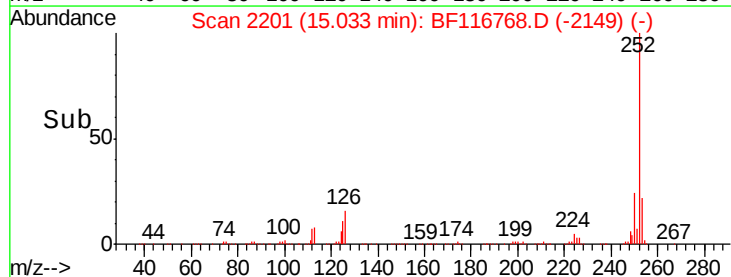
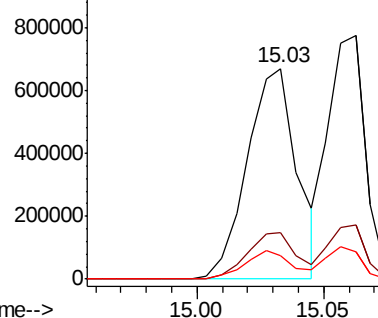


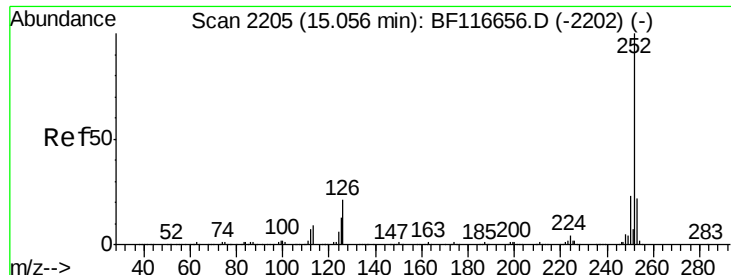
#88
 Benzo(b)fluoranthene
 Concen: 46.793 ng
 RT: 15.03 min Scan# 2201
 Delta R.T. 0.01 min
 Lab File: BF116768.D
 Acq: 3 Sep 2019 13:18

Tgt Ion:252 Resp: 919911
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.7 26.5
 125 11.3 8.2 12.2



Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 253.00 (252.70 to 253.70): E
 Ion 125.00 (124.70 to 125.70): E

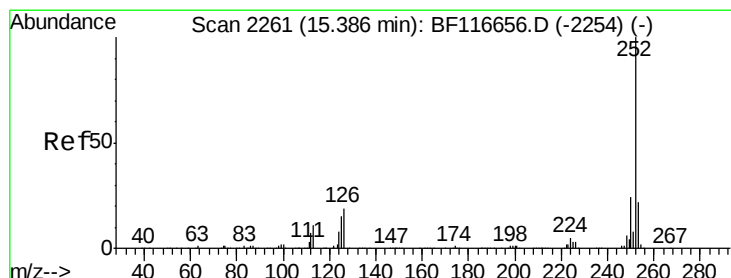
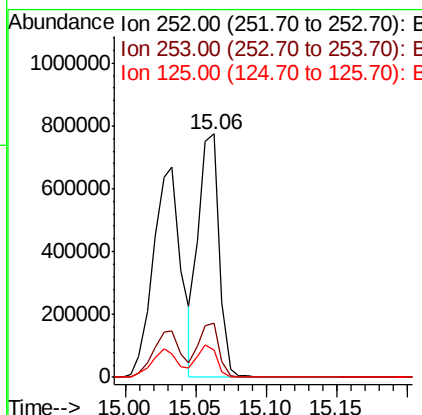
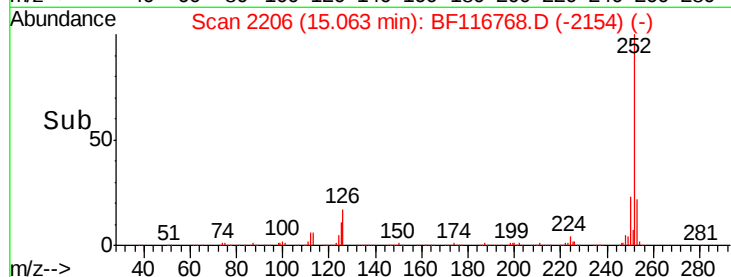
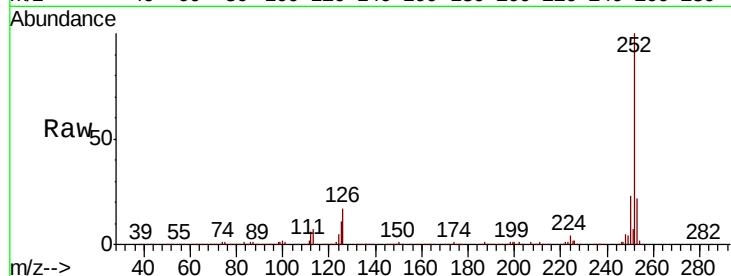




#89
Benzo(k)fluoranthene
Concen: 44.049 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

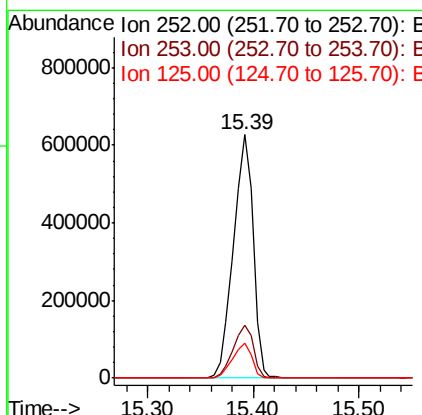
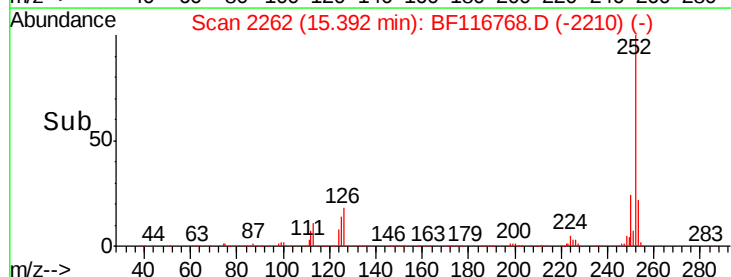
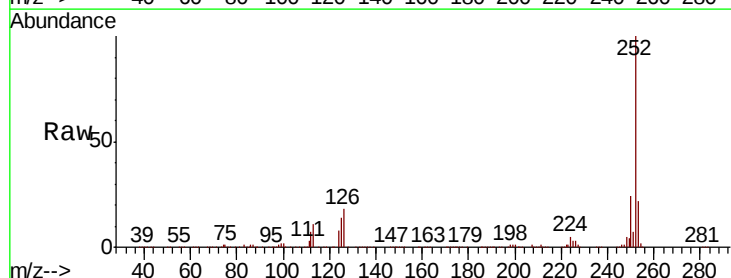
Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 789569
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 11.4 8.6 13.0



#90
Benzo(a)pyrene
Concen: 47.241 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Tgt Ion:252 Resp: 807994
Ion Ratio Lower Upper
252 100
253 21.9 18.1 27.1
125 14.2 9.8 14.8

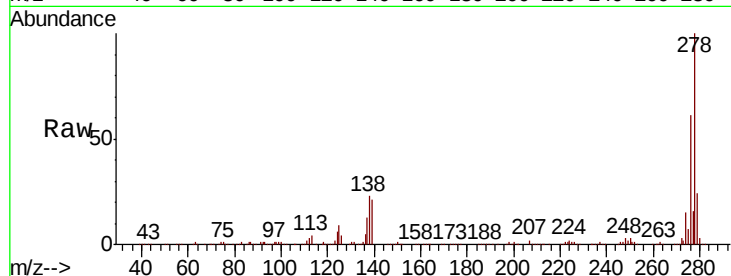




#91
Dibenzo(a,h)anthracene
Concen: 41.920 ng
RT: 16.92 min Scan# 2521
Delta R.T. 0.01 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	20.8	12.4	18.6#
279	24.1	18.2	27.4

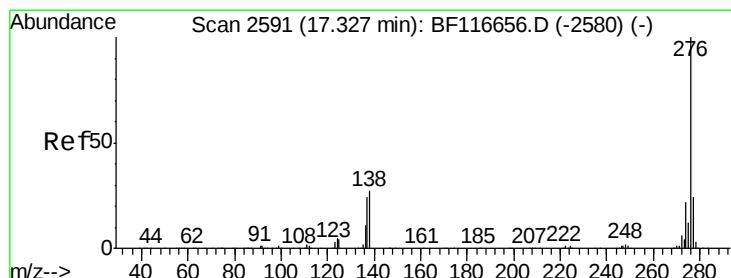
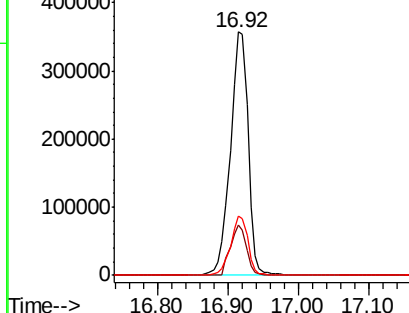
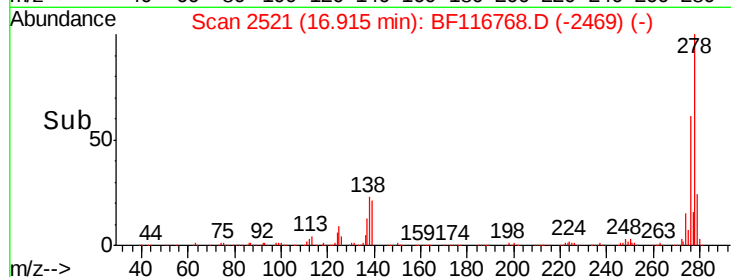


Abundance

Ion 278.00 (277.70 to 278.70): E

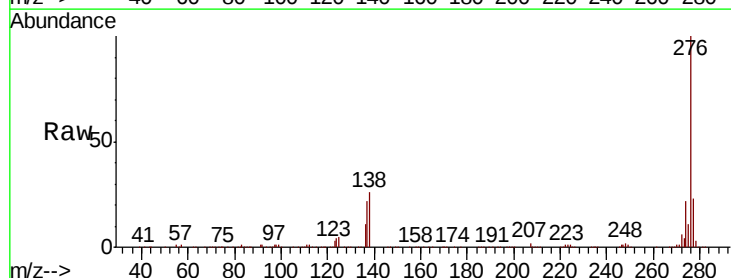
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 41.351 ng
RT: 17.34 min Scan# 2593
Delta R.T. 0.01 min
Lab File: BF116768.D
Acq: 3 Sep 2019 13:18

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.5	27.7
138	26.2	16.2	24.2#



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

