

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082119\
 Data File : BF116458.D
 Acq On : 21 Aug 2019 11:36
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 21 16:15:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:03:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	127972	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	542763	20.00	ng	-0.02
39) Acenaphthene-d10	9.83	164	284328	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	496468	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	380296	20.00	ng	-0.02
87) Perylene-d12	15.42	264	375675	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	691921	90.51	ng	-0.02
7) Phenol-d6	6.45	99	859256	89.09	ng	-0.01
23) Nitrobenzene-d5	7.37	82	773842	82.30	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	216861	78.67	ng	-0.02
45) 2-Fluorobiphenyl	9.15	172	1236794	81.48	ng	-0.02
79) Terphenyl-d14	12.90	244	1426275	79.03	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.52	88	161841	41.907	ng	99
3) Pyridine	3.26	79	418310	38.776	ng	99
4) n-Nitrosodimethylamine	3.23	42	173037	40.645	ng	98
6) Aniline	6.46	93	560254	40.562	ng	# 55
8) 2-Chlorophenol	6.59	128	384865	45.529	ng	99
9) Benzaldehyde	6.35	77	271319	40.771	ng	97
10) Phenol	6.46	94	493062	43.412	ng	78
11) bis(2-Chloroethyl)ether	6.53	93	361381	43.278	ng	97
12) 1,3-Dichlorobenzene	6.74	146	410411	42.010	ng	98
13) 1,4-Dichlorobenzene	6.82	146	418906	42.826	ng	98
14) 1,2-Dichlorobenzene	6.97	146	390593	43.366	ng	100
15) Benzyl Alcohol	6.95	79	307413	42.000	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	463743	40.716	ng	# 50
17) 2-Methylphenol	7.06	107	320635	44.796	ng	# 93
18) Hexachloroethane	7.30	117	150813	41.876	ng	94
19) n-Nitroso-di-n-propylamine	7.22	70	262864	43.982	ng	99
20) 3+4-Methylphenols	7.22	107	410599	48.475	ng	# 78
22) Acetophenone	7.21	105	514168	43.195	ng	# 93
24) Nitrobenzene	7.39	77	441524	43.487	ng	98
25) Isophorone	7.62	82	753627	41.915	ng	99
26) 2-Nitrophenol	7.70	139	210848	44.056	ng	98
27) 2,4-Dimethylphenol	7.74	122	298484	41.454	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	465046	41.730	ng	100
29) 2,4-Dichlorophenol	7.95	162	328778	43.246	ng	100
30) 1,2,4-Trichlorobenzene	8.02	180	350840	40.484	ng	99
31) Naphthalene	8.10	128	1093865	42.827	ng	99
32) Benzoic acid	7.91	122	179448	35.349	ng	98
33) 4-Chloroaniline	8.16	127	481490	42.191	ng	98
34) Hexachlorobutadiene	8.22	225	200041	40.075	ng	100
35) Caprolactam	8.54	113	107167	43.584	ng	98
36) 4-Chloro-3-methylphenol	8.65	107	348194	44.025	ng	97
37) 2-Methylnaphthalene	8.79	142	699058	41.558	ng	99
38) 1-Methylnaphthalene	8.89	142	673026	42.293	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	322009	42.363	ng	99

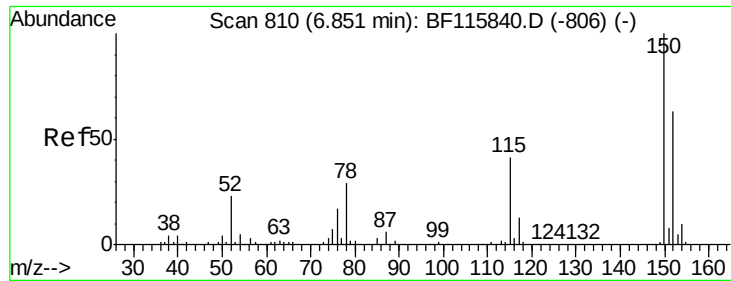
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082119\
 Data File : BF116458.D
 Acq On : 21 Aug 2019 11:36
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 21 16:15:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	37116	15.993	ng	99
43) 2,4,6-Trichlorophenol	9.08	196	193850	37.051	ng	99
44) 2,4,5-Trichlorophenol	9.13	196	197422	36.503	ng	97
46) 1,1'-Biphenyl	9.25	154	849612	42.325	ng	99
47) 2-Chloronaphthalene	9.28	162	699386	41.862	ng	100
48) 2-Nitroaniline	9.39	65	237627	43.030	ng	95
49) Acenaphthylene	9.69	152	1022435	41.948	ng	99
50) Dimethylphthalate	9.56	163	790457	40.830	ng	99
51) 2,6-Dinitrotoluene	9.63	165	176885	42.044	ng	98
52) Acenaphthene	9.86	154	630540	42.168	ng	99
53) 3-Nitroaniline	9.80	138	227223	43.709	ng	100
54) 2,4-Dinitrophenol	9.93	184	66882	36.016	ng	100
55) Dibenzofuran	10.04	168	863724	39.719	ng	99
56) 4-Nitrophenol	9.99	139	83593	25.102	ng	98
57) 2,4-Dinitrotoluene	10.04	165	220080	39.289	ng	91
58) Fluorene	10.38	166	732203	43.764	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	166592	36.613	ng	95
60) Diethylphthalate	10.25	149	742058	41.055	ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	362274	42.755	ng	98
62) 4-Nitroaniline	10.42	138	219092	40.782	ng	98
63) Azobenzene	10.53	77	792492	42.628	ng	98
65) 4,6-Dinitro-2-methylphenol	10.46	198	116645	44.336	ng	96
66) n-Nitrosodiphenylamine	10.49	169	639491	42.795	ng	99
67) 4-Bromophenyl-phenylether	10.86	248	217536	40.931	ng	98
68) Hexachlorobenzene	10.93	284	249386	40.580	ng	97
69) Atrazine	11.01	200	37082	7.543	ng	99
70) Pentachlorophenol	11.14	266	63949	21.433	ng	98
71) Phenanthrene	11.35	178	1079649	42.539	ng	100
72) Anthracene	11.40	178	1100120	42.829	ng	99
73) Carbazole	11.55	167	1031813	44.277	ng	100
74) Di-n-butylphthalate	11.87	149	1137757	41.853	ng	99
75) Fluoranthene	12.53	202	1145235	43.101	ng	98
77) Benzidine	12.65	184	407622	31.726	ng	99
78) Pyrene	12.76	202	1181692	41.221	ng	99
80) Butylbenzylphthalate	13.36	149	501514	41.357	ng	94
81) Benzo(a)anthracene	13.95	228	1047112	43.078	ng	99
82) 3,3'-Dichlorobenzidine	13.91	252	356938	42.267	ng	98
83) Chrysene	13.99	228	996530	42.229	ng	99
84) Bis(2-ethylhexyl)phthalate	13.92	149	643387	40.829	ng	98
85) Di-n-octyl phthalate	14.53	149	1026853	41.026	ng	99
86) Indeno(1,2,3-cd)pyrene	16.88	276	824233	41.585	ng	100
88) Benzo(b)fluoranthene	15.00	252	886004	40.788	ng	99
89) Benzo(k)fluoranthene	15.03	252	879485	41.569	ng	99
90) Benzo(a)pyrene	15.36	252	810422	41.736	ng	99
91) Dibenzo(a,h)anthracene	16.87	278	676104	40.225	ng	99
92) Benzo(g,h,i)perylene	17.32	276	664959	40.283	ng	98

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

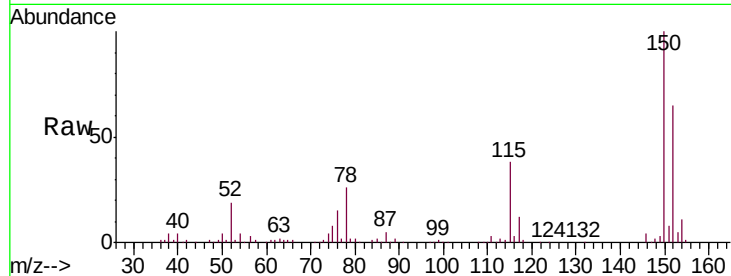


#1

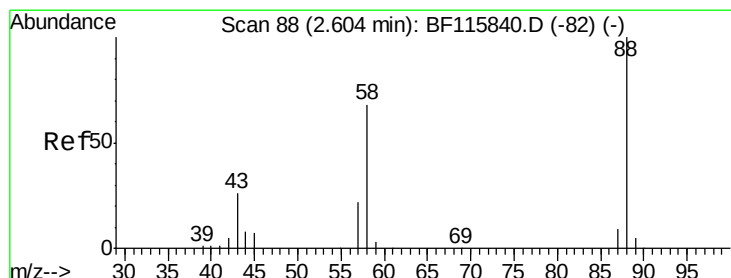
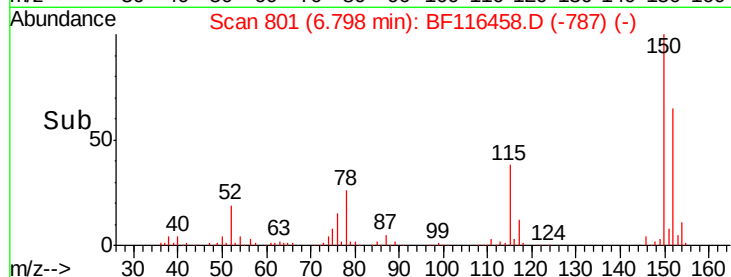
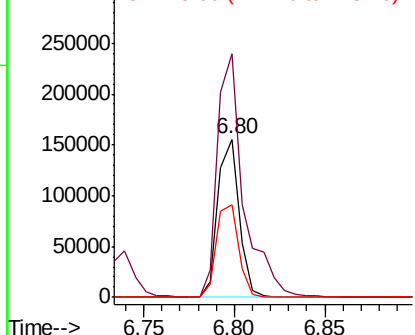
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.02 min
Lab File: BF116458.D
Acq: 21 Aug 2019 11:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 127972
Ion Ratio Lower Upper
152 100
150 154.2 126.2 189.2
115 58.4 49.9 74.9



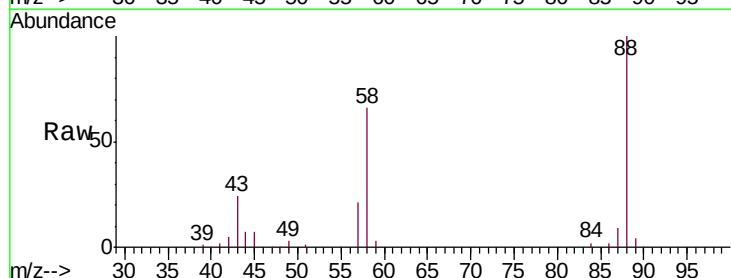
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



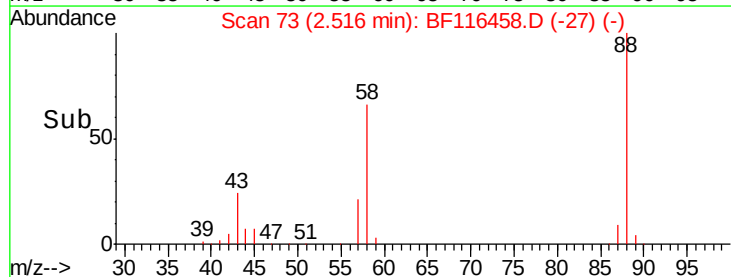
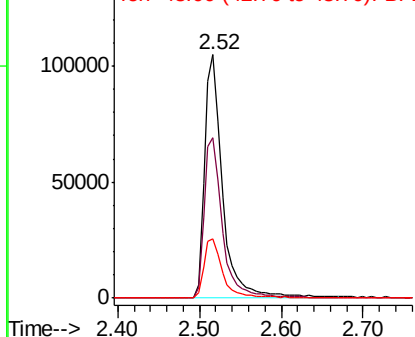
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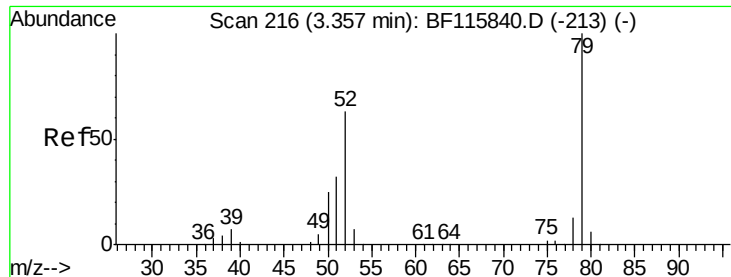
1,4-Dioxane
Concen: 41.907 ng
RT: 2.52 min Scan# 73
Delta R.T. -0.03 min
Lab File: BF116458.D
Acq: 21 Aug 2019 11:36

Tgt Ion: 88 Resp: 161841
Ion Ratio Lower Upper
88 100
58 66.6 53.7 80.5
43 25.0 21.0 31.4



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: 38.776 ng

RT: 3.26 min Scan# 200

Delta R.T. -0.04 min

Lab File: BF116458.D

Acq: 21 Aug 2019 11:36

Instrument :

BNA_F

ClientSampleId :

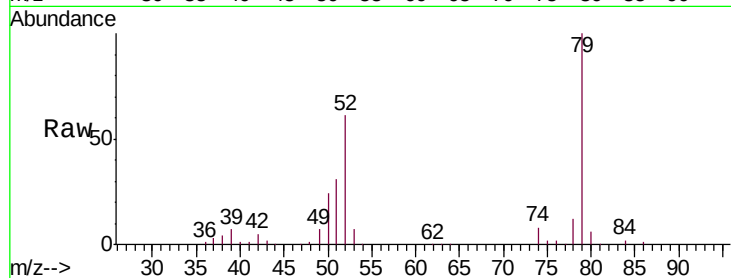
Tot Ion: 79 Resp: 418310

Ion Ratio Lower Upper

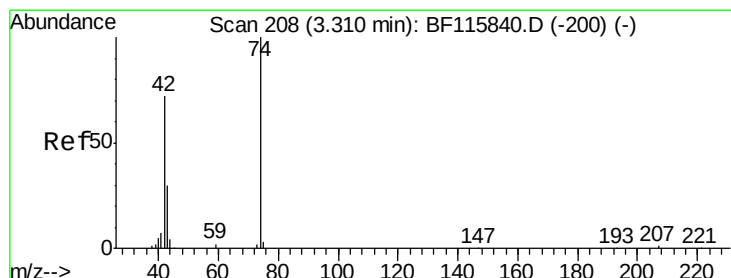
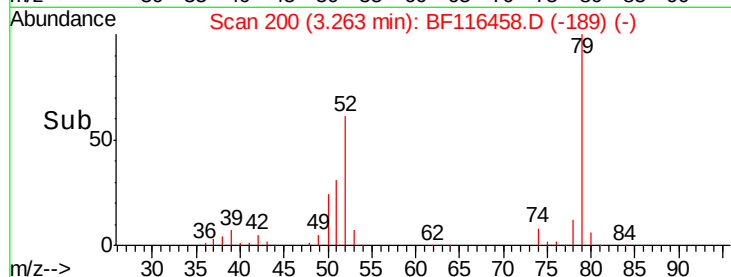
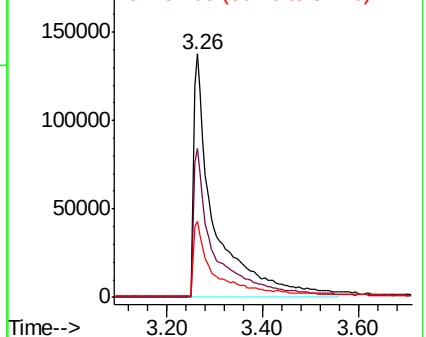
79 100

52 61.0 49.8 74.8

51 31.4 25.2 37.8



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: 40.645 ng

RT: 3.23 min Scan# 194

Delta R.T. -0.03 min

Lab File: BF116458.D

Acq: 21 Aug 2019 11:36

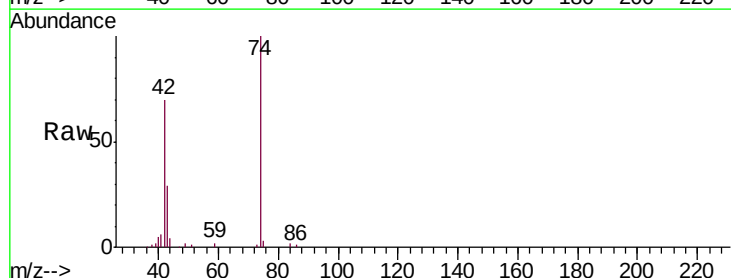
Tgt Ion: 42 Resp: 173037

Ion Ratio Lower Upper

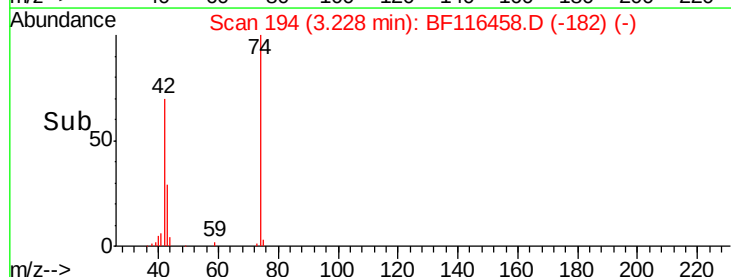
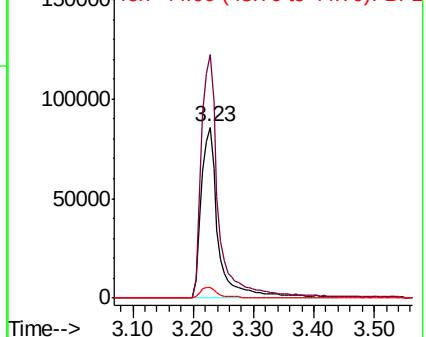
42 100

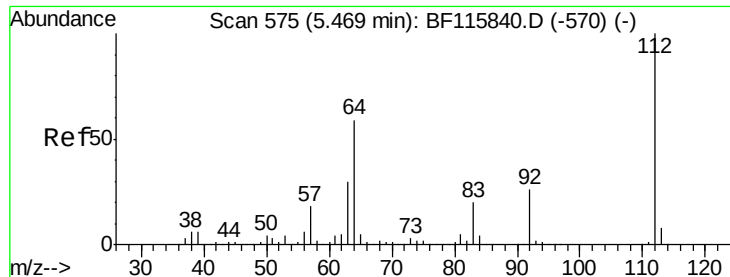
74 142.4 116.0 174.0

44 6.4 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: 90.513 ng

RT: 5.42 min Scan# 567

Delta R.T. -0.02 min

Lab File: BF116458.D

Acq: 21 Aug 2019 11:36

Instrument :

BNA_F

ClientSampled :

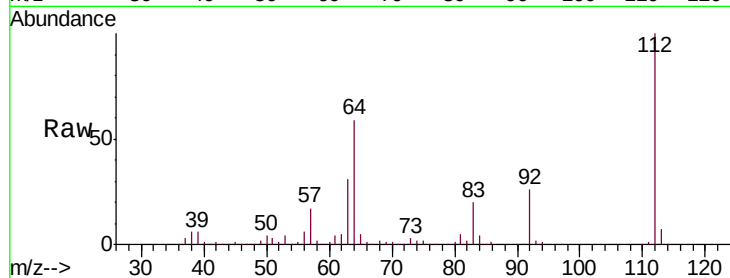
Tot Ion:112 Resp: 691921

Ion Ratio Lower Upper

112 100

64 59.0 45.4 68.2

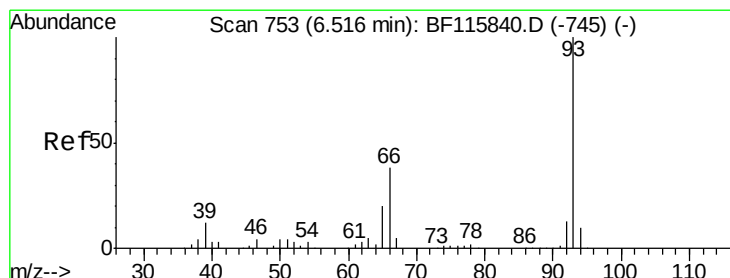
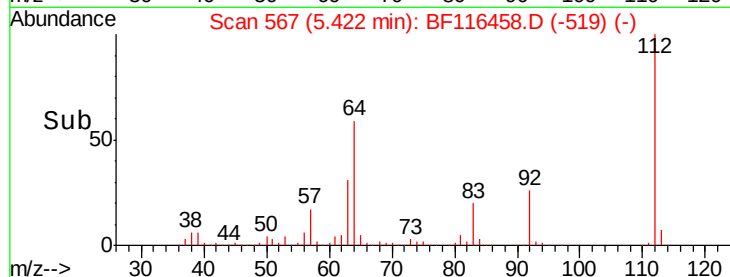
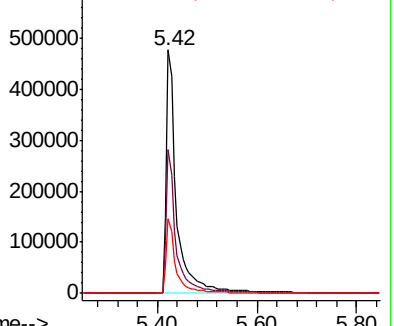
63 30.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.562 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF116458.D

Acq: 21 Aug 2019 11:36

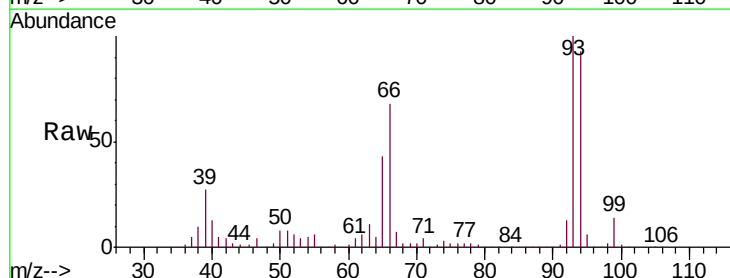
Tgt Ion: 93 Resp: 560254

Ion Ratio Lower Upper

93 100

66 68.2 32.2 48.4#

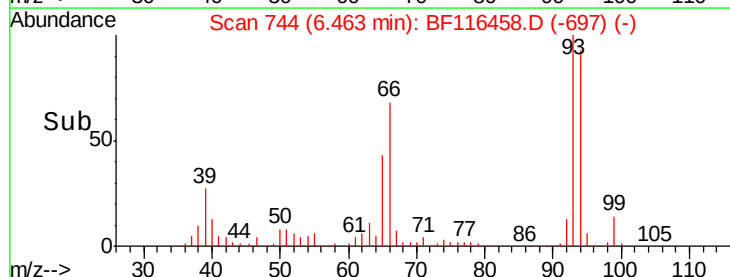
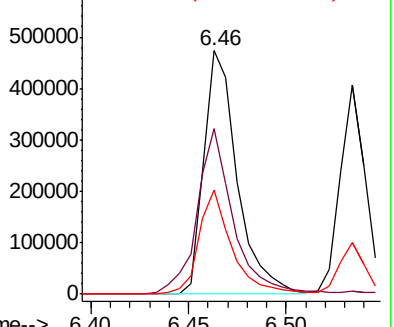
65 42.7 17.0 25.6#

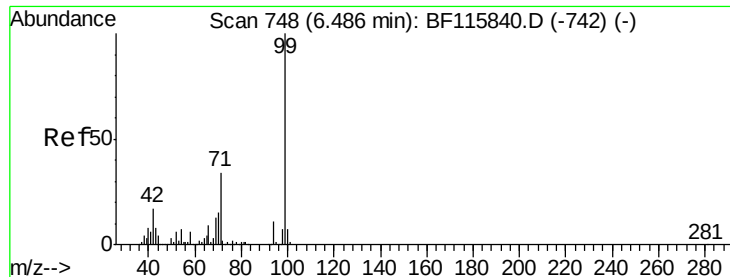


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 89.090 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF116458.D

Acq: 21 Aug 2019 11:36

Instrument :

BNA_F

ClientSampleId :

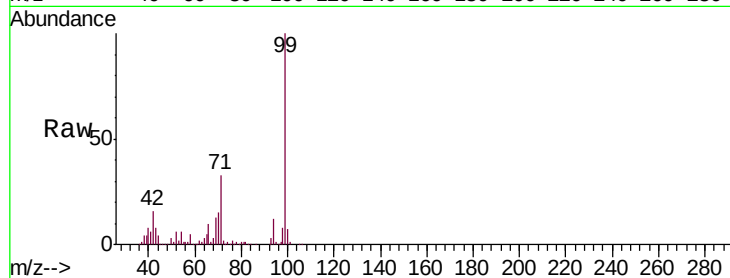
Tot Ion: 99 Resp: 859256

Ion Ratio Lower Upper

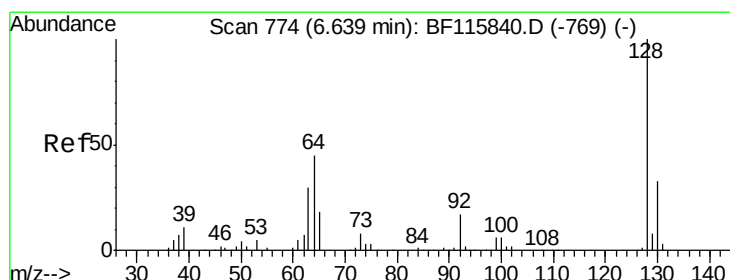
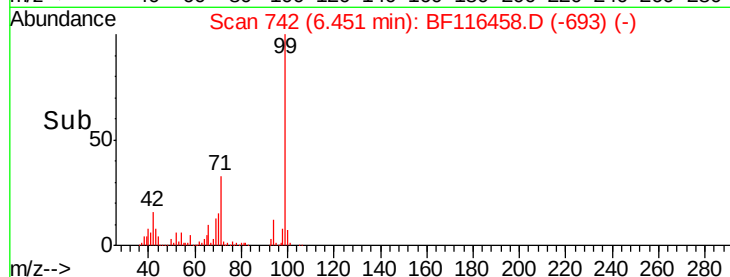
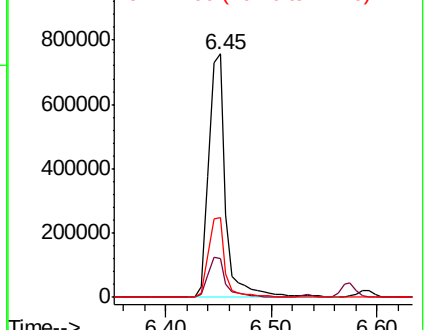
99 100

42 16.0 13.8 20.8

71 32.7 27.3 40.9



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: 45.529 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.02 min

Lab File: BF116458.D

Acq: 21 Aug 2019 11:36

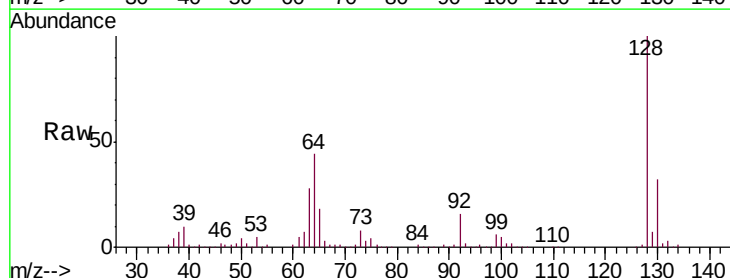
Tgt Ion: 128 Resp: 384865

Ion Ratio Lower Upper

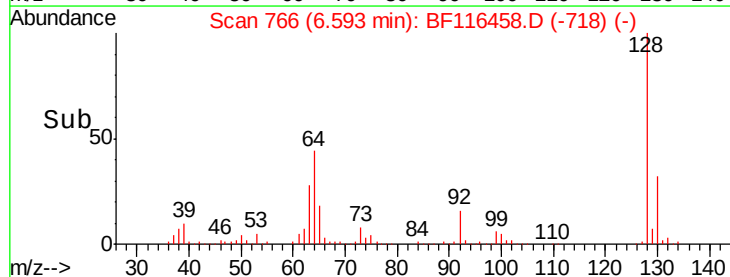
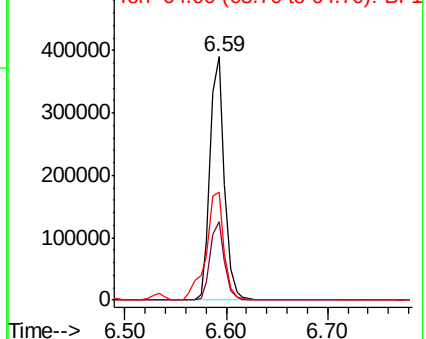
128 100

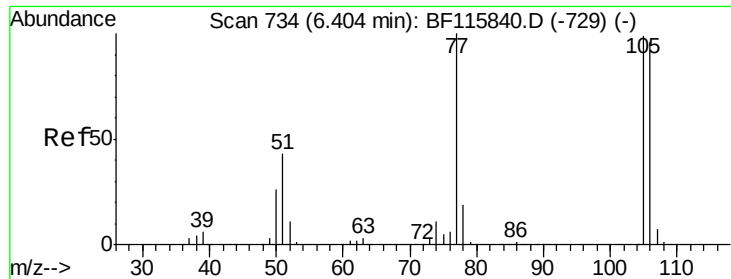
130 32.0 12.9 52.9

64 44.2 24.3 64.3



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: 40.771 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF116458.D

Acq: 21 Aug 2019 11:36

Instrument :

BNA_F

ClientSampleId :

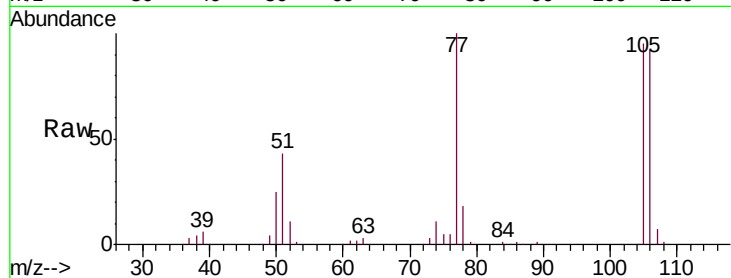
Tot Ion: 77 Resp: 271319

Ion Ratio Lower Upper

77 100

105 95.1 79.2 119.2

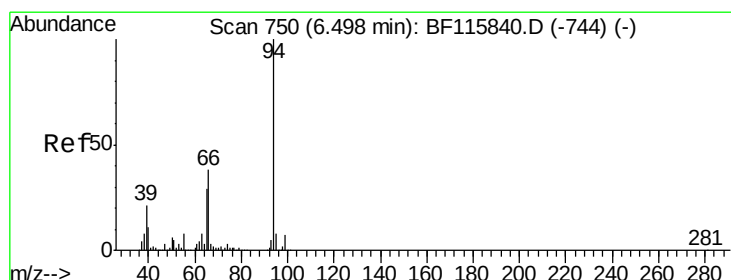
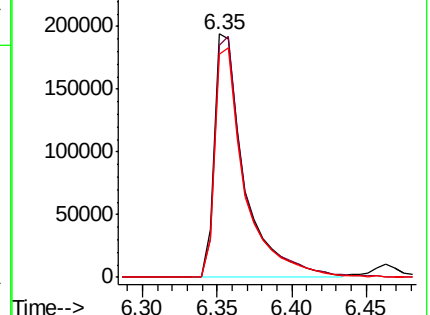
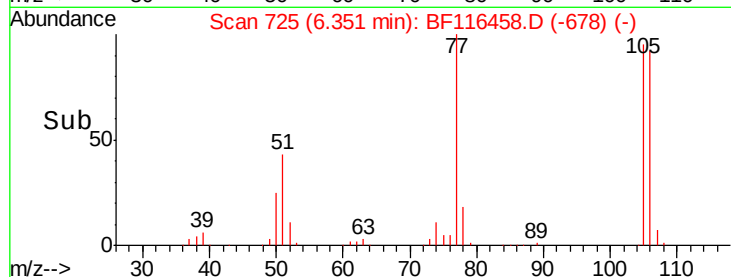
106 91.6 74.3 114.3



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: 43.412 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF116458.D

Acq: 21 Aug 2019 11:36

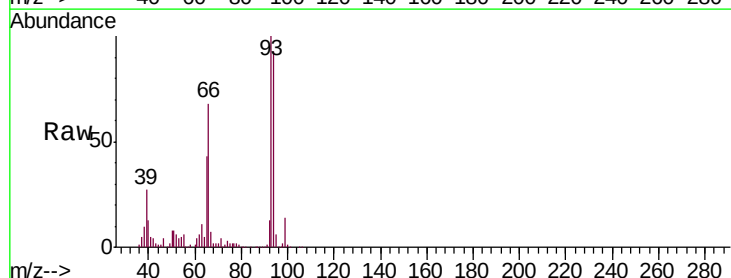
Tgt Ion: 94 Resp: 493062

Ion Ratio Lower Upper

94 100

65 46.1 16.8 56.8

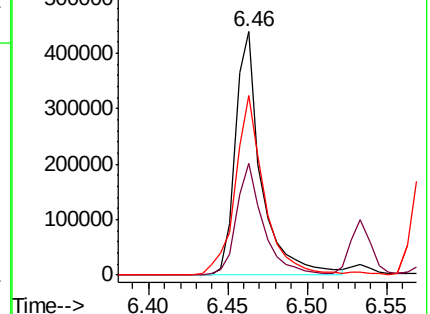
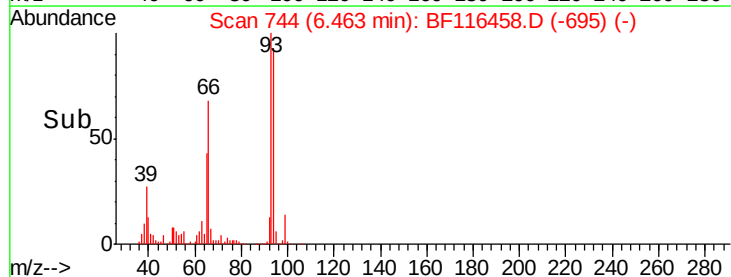
66 73.6 34.2 74.2

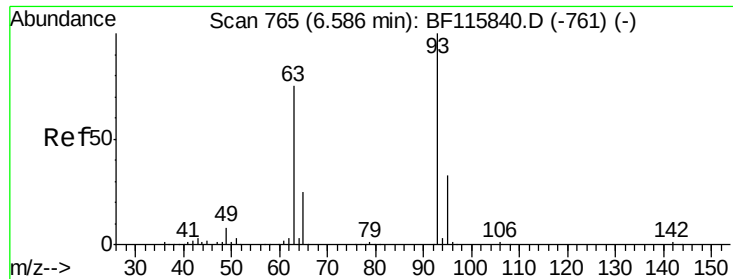


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

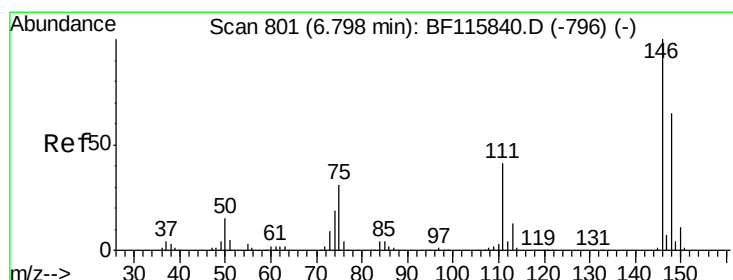
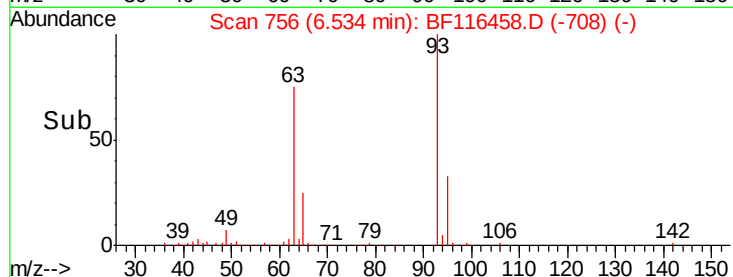
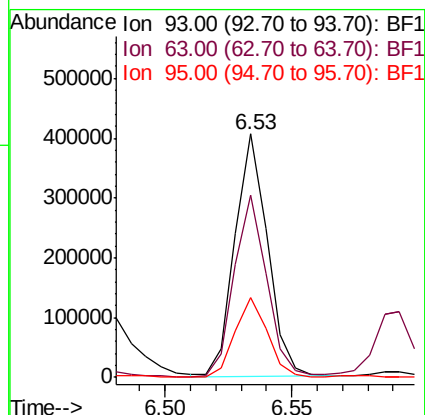
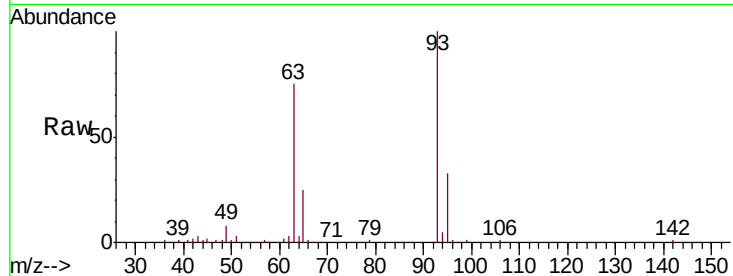




#11
bis(2-Chloroethyl)ether
Concen: 43.278 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.02 min
Lab File: BF116458.D
Acq: 21 Aug 2019 11:36

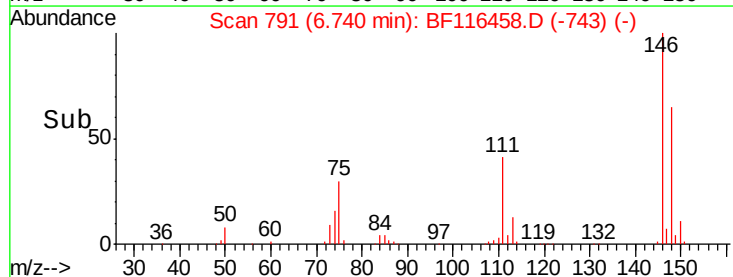
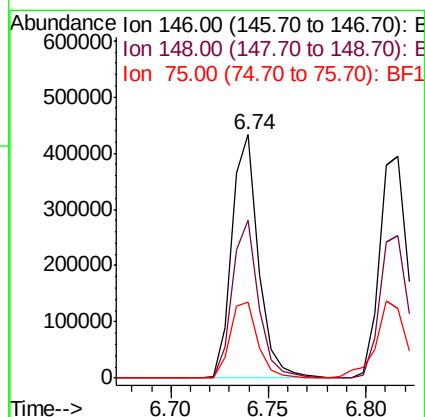
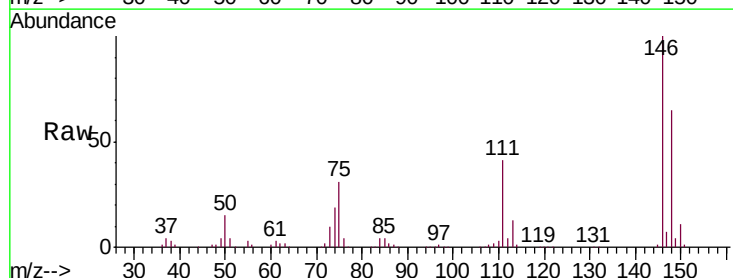
Instrument :
BNA_F
ClientSampled :

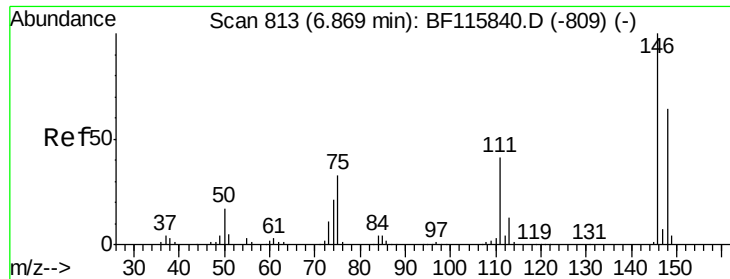
Tot Ion: 93 Resp: 361381
Ion Ratio Lower Upper
93 100
63 75.0 51.9 91.9
95 32.8 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 42.010 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.02 min
Lab File: BF116458.D
Acq: 21 Aug 2019 11:36

Tgt Ion: 146 Resp: 410411
Ion Ratio Lower Upper
146 100
148 65.0 51.3 76.9
75 31.4 27.4 41.2

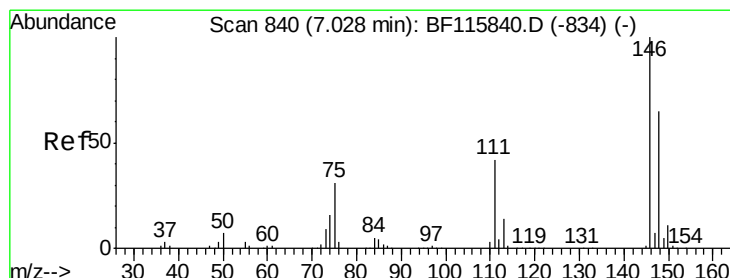
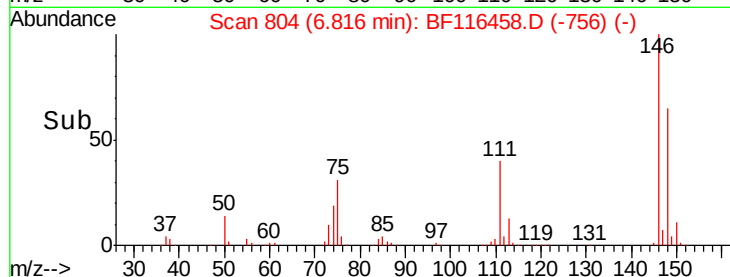
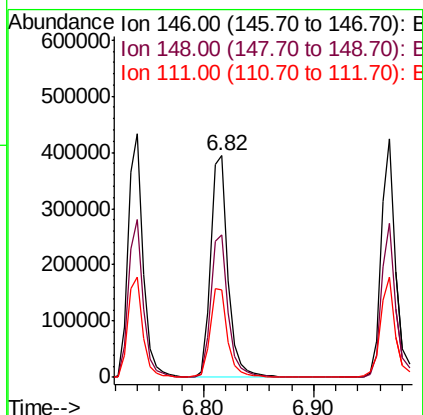
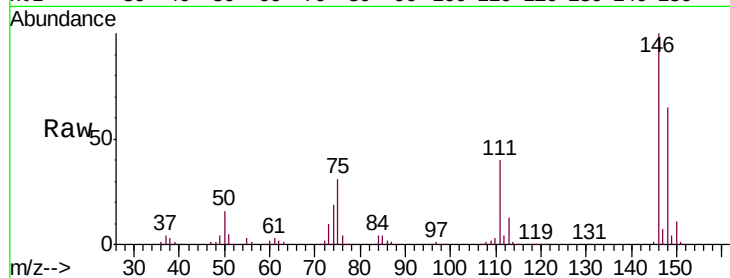




#13
 1,4-Dichlorobenzene
 Concen: 42.826 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.02 min
 Lab File: BF116458.D
 Acq: 21 Aug 2019 11:36

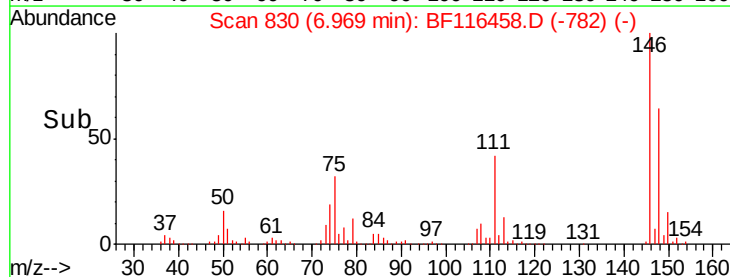
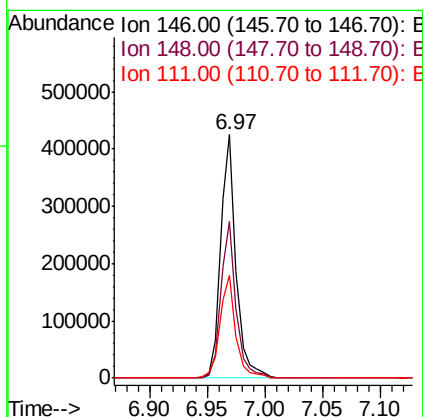
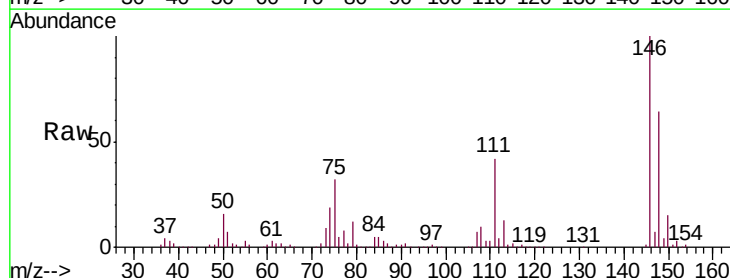
Instrument :
 BNA_F
 ClientSampled :

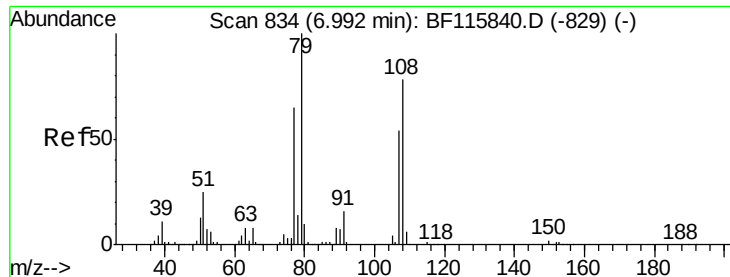
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.3	76.9
111	39.7	34.0	51.0



#14
 1,2-Dichlorobenzene
 Concen: 43.366 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.02 min
 Lab File: BF116458.D
 Acq: 21 Aug 2019 11:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.2	76.8
111	42.1	33.5	50.3





#15

Benzyl Alcohol

Concen: 42.000 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.02 min

Lab File: BF116458.D

Acq: 21 Aug 2019 11:36

Instrument :

BNA_F

ClientSampled :

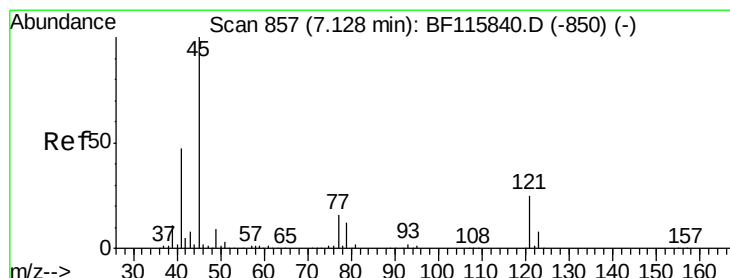
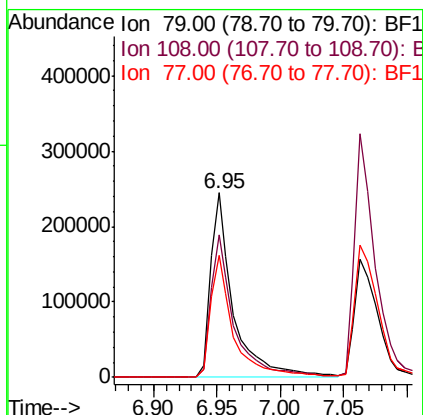
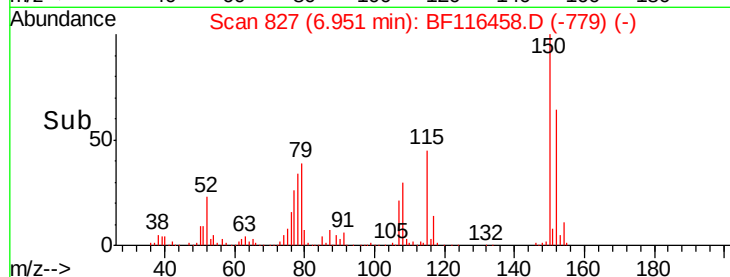
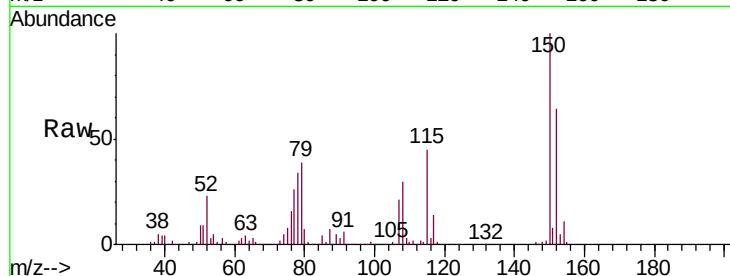
Tot Ion: 79 Resp: 307413

Ion Ratio Lower Upper

79 100

108 77.4 62.7 94.1

77 66.2 52.2 78.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.716 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.02 min

Lab File: BF116458.D

Acq: 21 Aug 2019 11:36

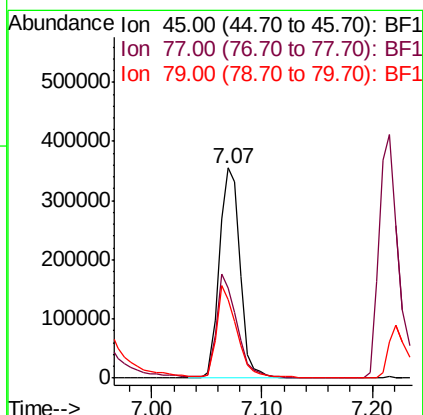
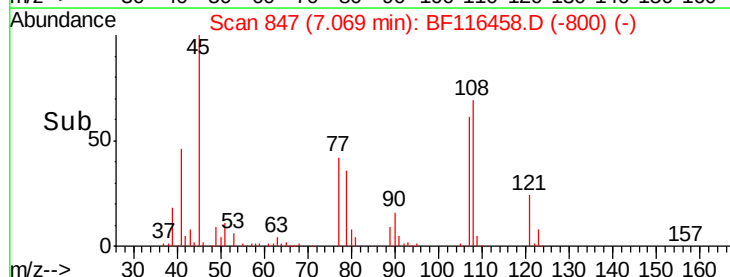
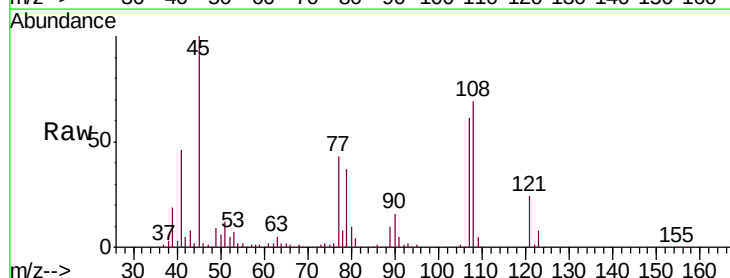
Tgt Ion: 45 Resp: 463743

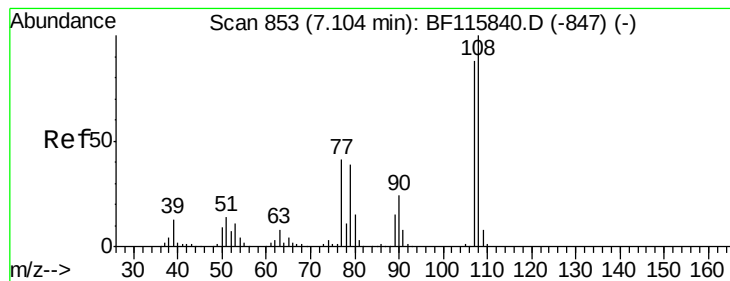
Ion Ratio Lower Upper

45 100

77 43.1 0.0 40.0#

79 37.3 0.0 35.9#

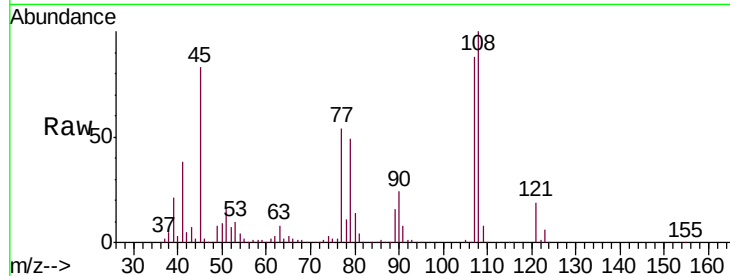




#17
2-Methylphenol
Concen: 44.796 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.02 min
Lab File: BF116458.D
Acq: 21 Aug 2019 11:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.4	91.2	136.8
77	61.6	40.3	60.5
79	55.2	37.6	56.4



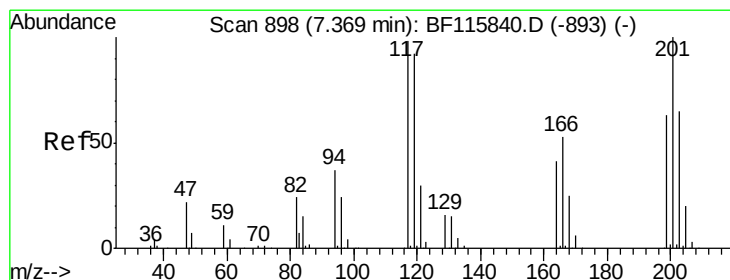
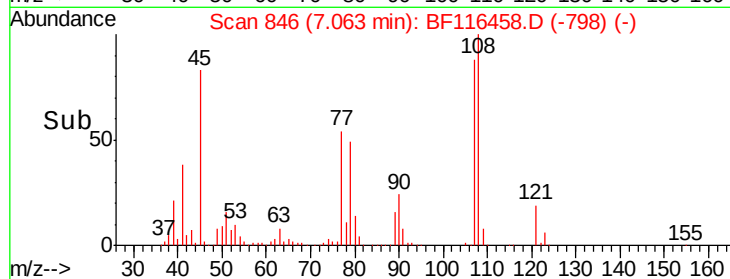
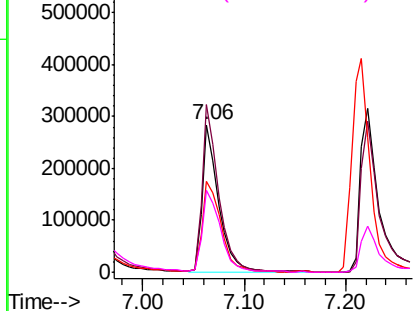
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

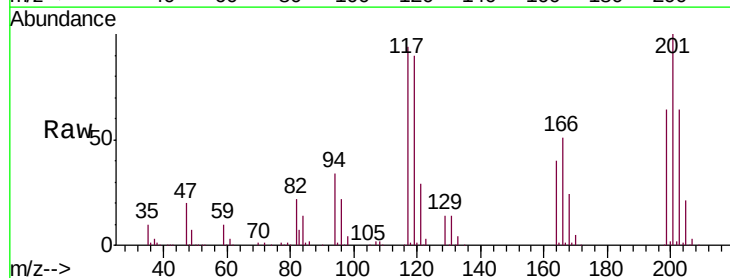
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 41.876 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF116458.D
Acq: 21 Aug 2019 11:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	76.1	114.1
201	106.9	77.0	115.4

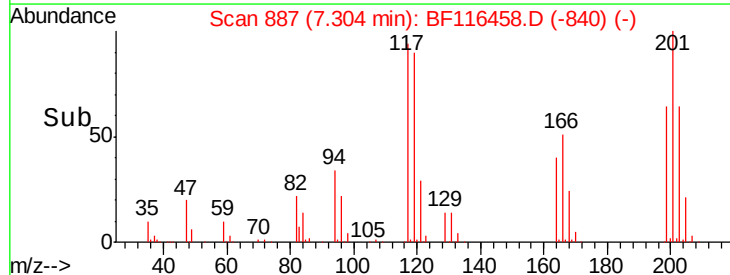
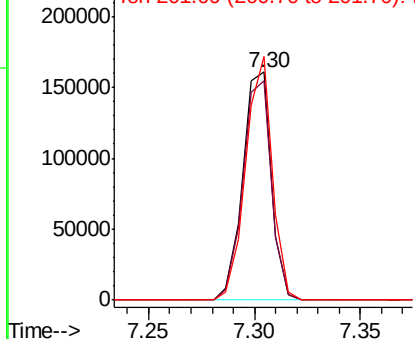


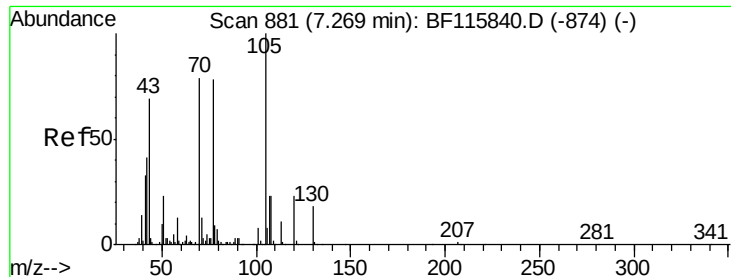
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

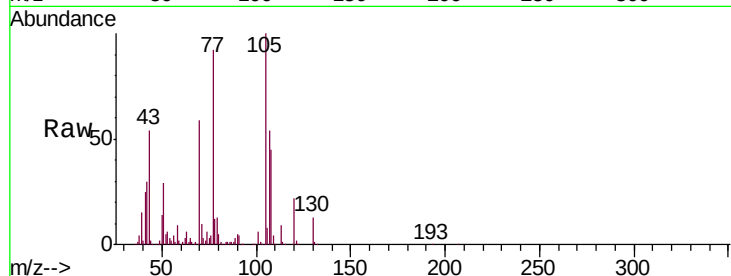




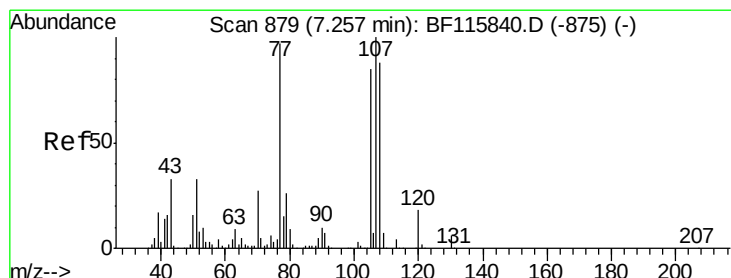
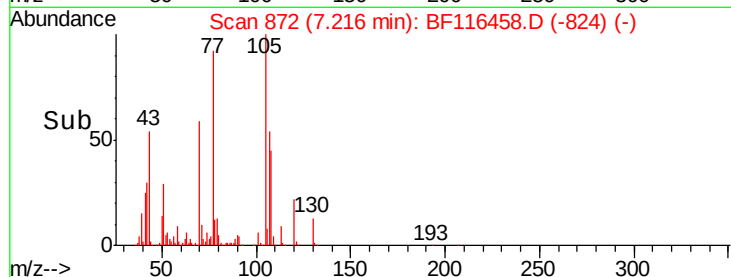
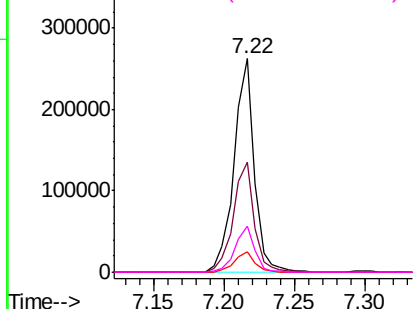
#19
n-Nitroso-di-n-propylamine
Concen: 43.982 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF116458.D
Acq: 21 Aug 2019 11:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	262864
Ion	Ratio	Lower	Upper
70	100		
42	51.8	40.9	61.3
101	9.9	7.9	11.9
130	21.6	16.9	25.3

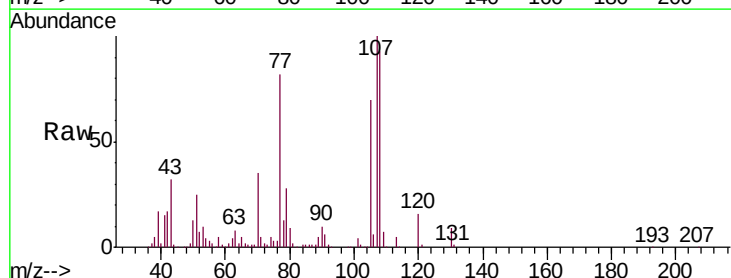


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

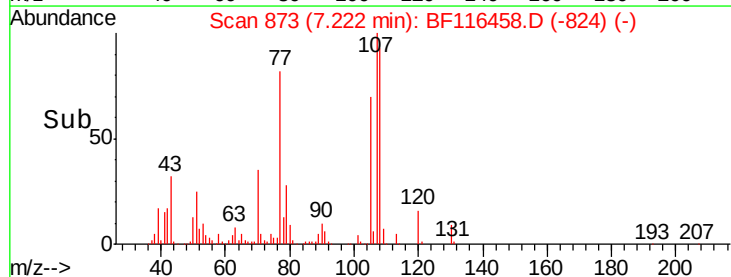
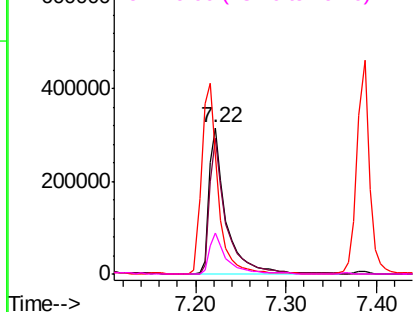


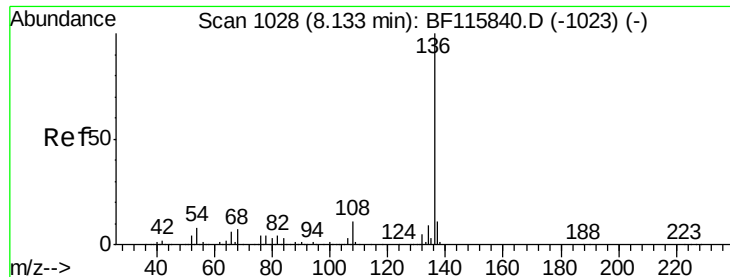
#20
3+4-Methylphenols
Concen: 48.475 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF116458.D
Acq: 21 Aug 2019 11:36

Tgt Ion:	107	Resp:	410599
Ion	Ratio	Lower	Upper
107	100		
108	92.5	67.6	107.6
77	81.7	104.4	144.4#
79	28.1	7.4	47.4



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.02 min

Lab File: BF116458.D

Acq: 21 Aug 2019 11:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 542763

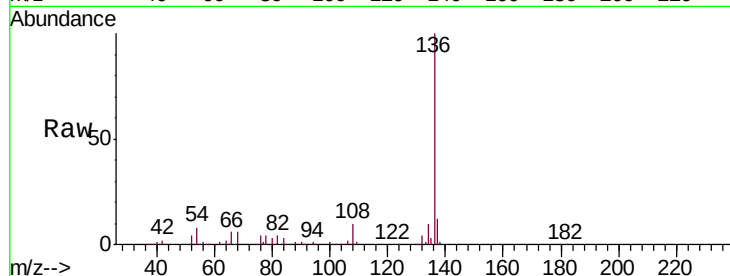
Ion Ratio Lower Upper

136 100

137 11.5 9.0 13.4

54 7.6 5.8 8.6

68 6.4 5.2 7.8

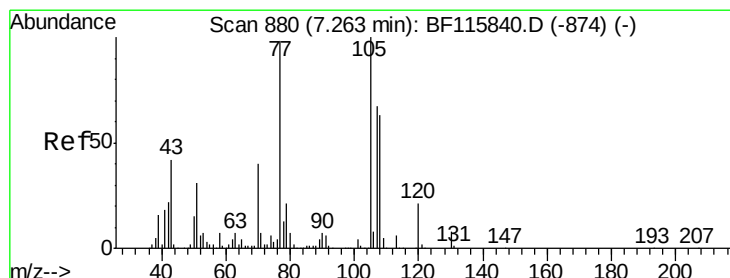
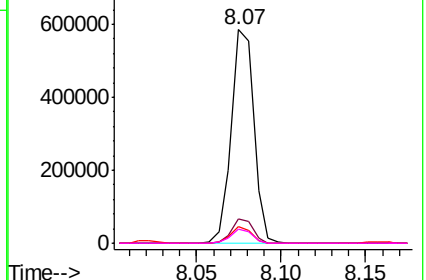
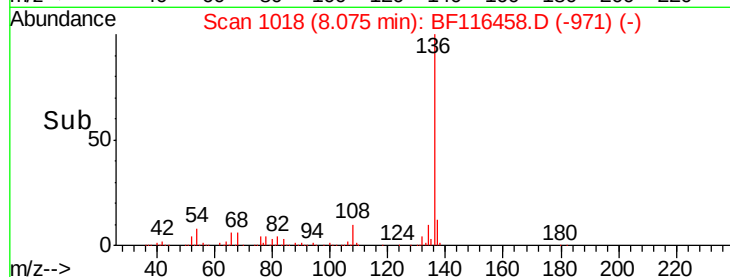


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 43.195 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.02 min

Lab File: BF116458.D

Acq: 21 Aug 2019 11:36

Tgt Ion:105 Resp: 514168

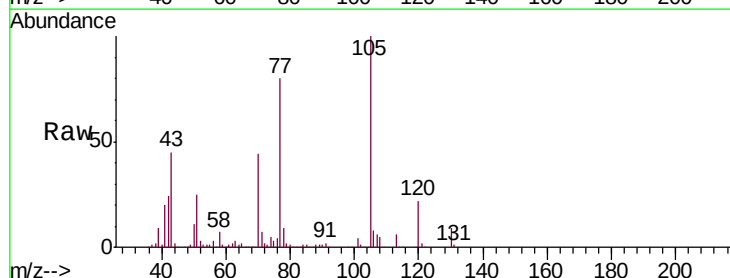
Ion Ratio Lower Upper

105 100

71 7.4 5.9 8.9

51 24.8 25.3 37.9#

120 22.0 17.9 26.9

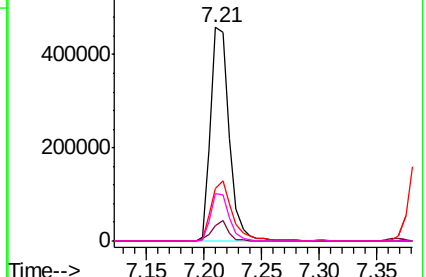
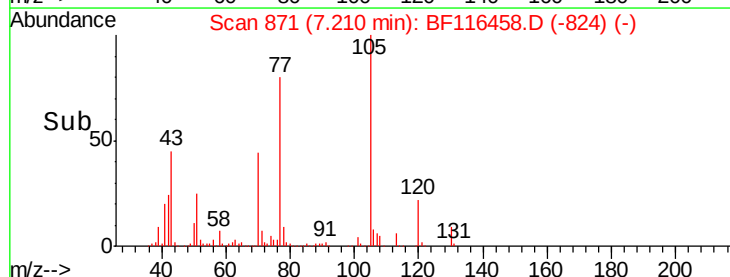


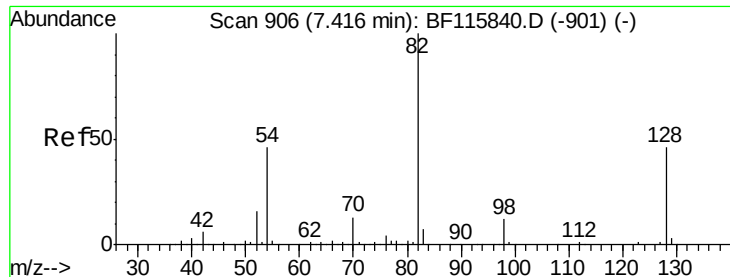
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

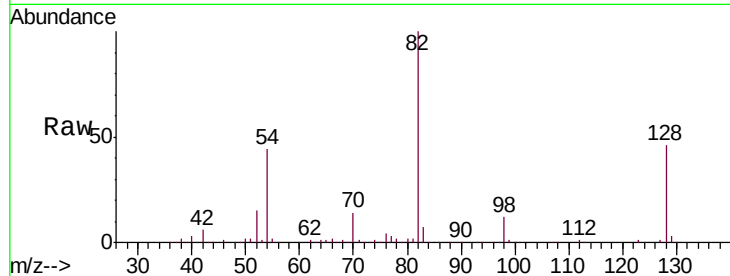




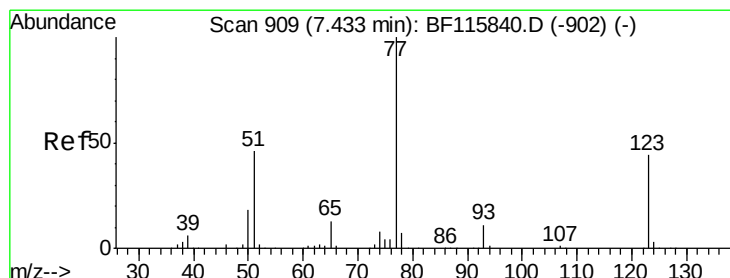
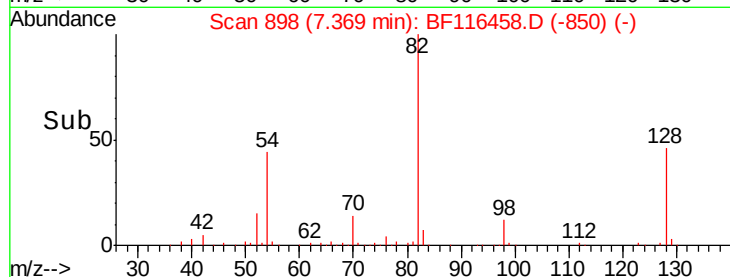
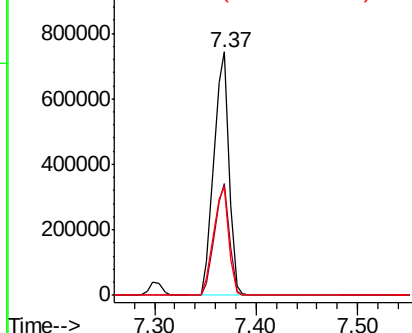
#23
 Nitrobenzene-d5
 Concen: 82.298 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BF116458.D
 Acq: 21 Aug 2019 11:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 773842
 Ion Ratio Lower Upper
 82 100
 128 46.1 36.5 54.7
 54 44.2 36.0 54.0

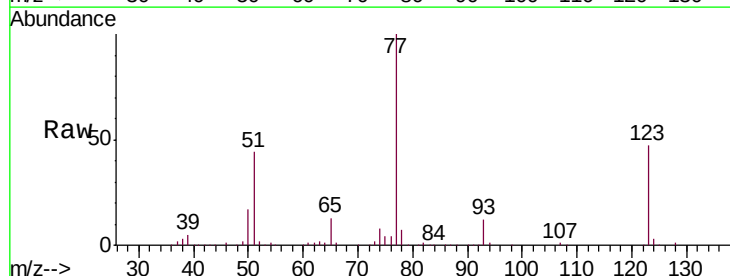


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

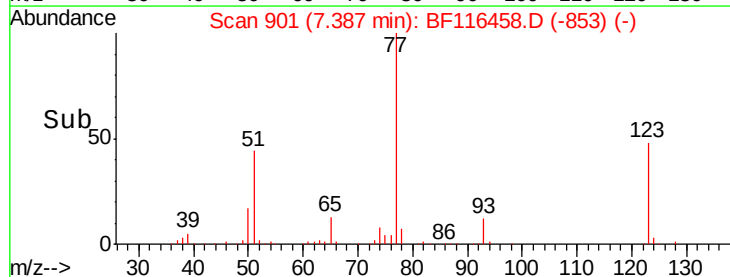
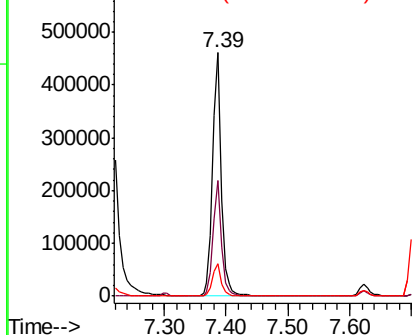


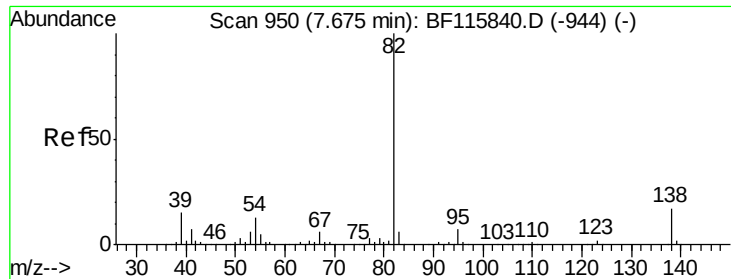
#24
 Nitrobenzene
 Concen: 43.487 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.02 min
 Lab File: BF116458.D
 Acq: 21 Aug 2019 11:36

Tgt Ion: 77 Resp: 441524
 Ion Ratio Lower Upper
 77 100
 123 47.4 36.7 55.1
 65 13.3 10.6 16.0



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1

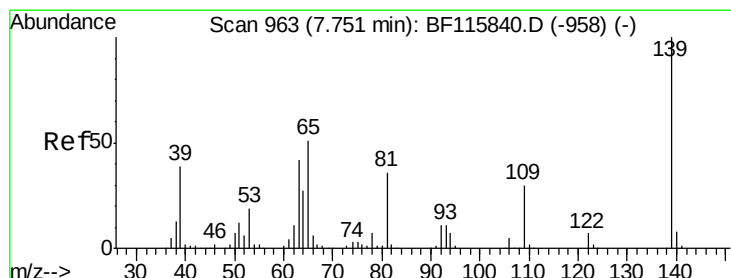
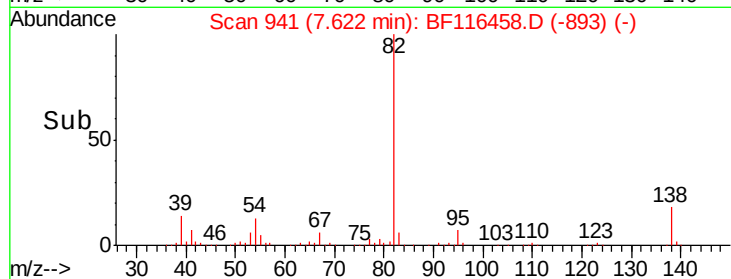
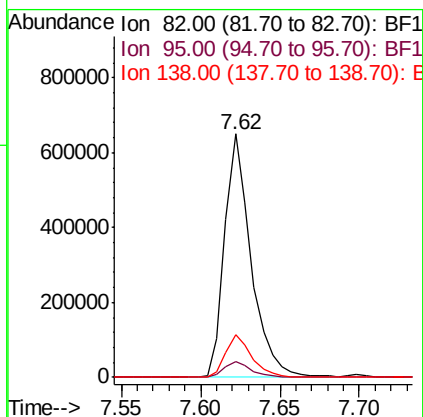
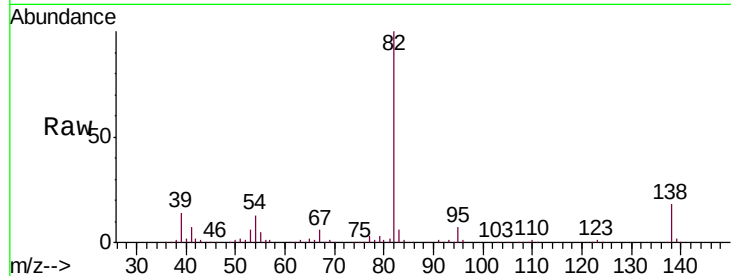




#25
Isophorone
Concen: 41.915 ng
RT: 7.62 min Scan# 941
Delta R.T. -0.02 min
Lab File: BF116458.D
Acq: 21 Aug 2019 11:36

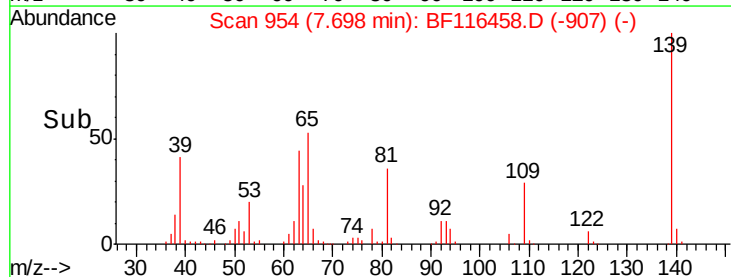
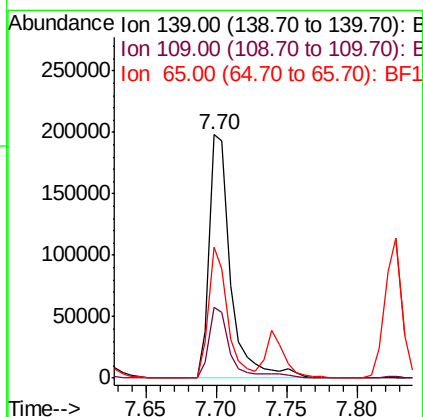
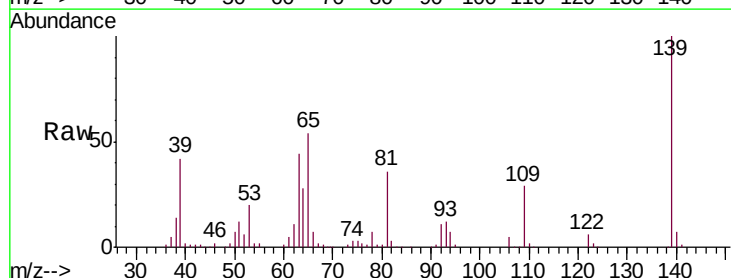
Instrument :
BNA_F
ClientSampleId :

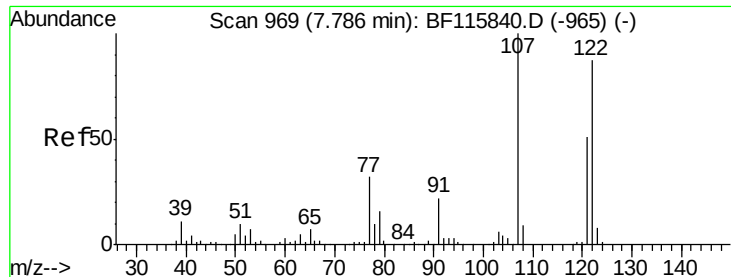
Tot Ion: 82 Resp: 753627
Ion Ratio Lower Upper
82 100
95 6.6 5.4 8.0
138 17.5 14.5 21.7



#26
2-Nitrophenol
Concen: 44.056 ng
RT: 7.70 min Scan# 954
Delta R.T. -0.02 min
Lab File: BF116458.D
Acq: 21 Aug 2019 11:36

Tgt Ion: 139 Resp: 210848
Ion Ratio Lower Upper
139 100
109 29.3 23.4 35.2
65 53.7 41.1 61.7

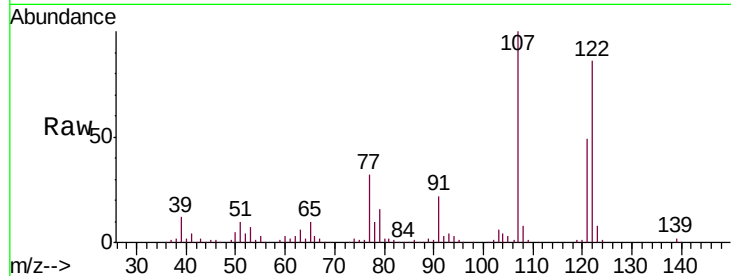




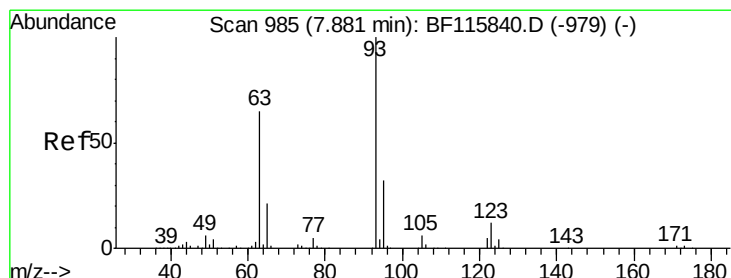
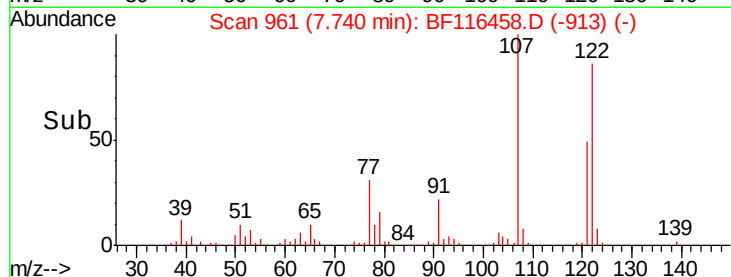
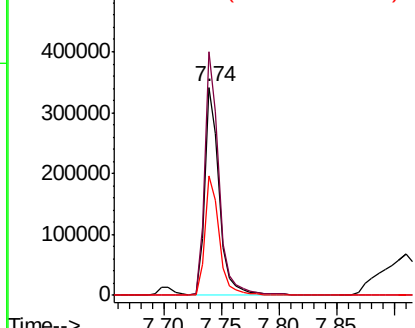
#27
 2,4-Dimethylphenol
 Concen: 41.454 ng
 RT: 7.74 min Scan# 961
 Delta R.T. -0.02 min
 Lab File: BF116458.D
 Acq: 21 Aug 2019 11:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 298484
 Ion Ratio Lower Upper
 122 100
 107 116.9 93.0 139.6
 121 57.5 47.6 71.4

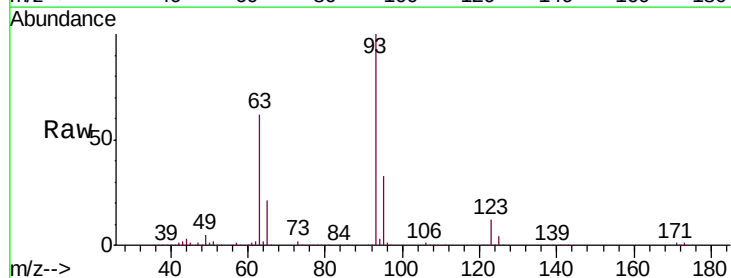


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

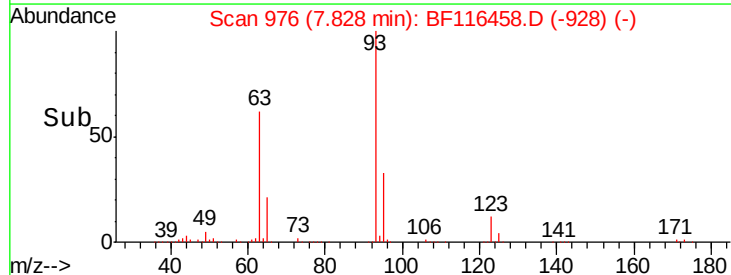
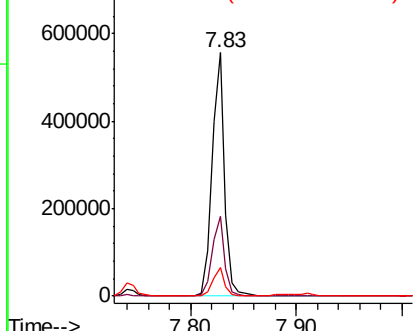


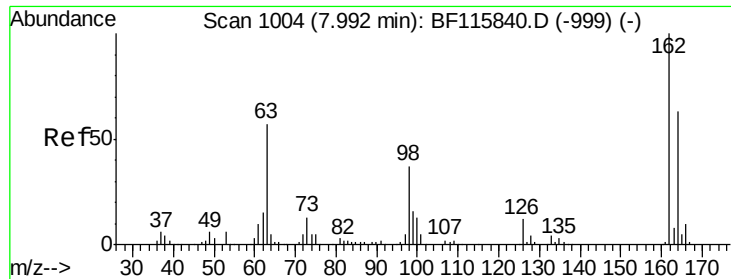
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.730 ng
 RT: 7.83 min Scan# 976
 Delta R.T. -0.02 min
 Lab File: BF116458.D
 Acq: 21 Aug 2019 11:36

Tgt Ion: 93 Resp: 465046
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.2 39.4
 123 11.6 9.2 13.8



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

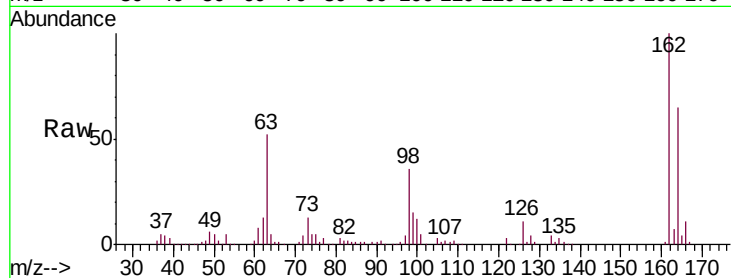




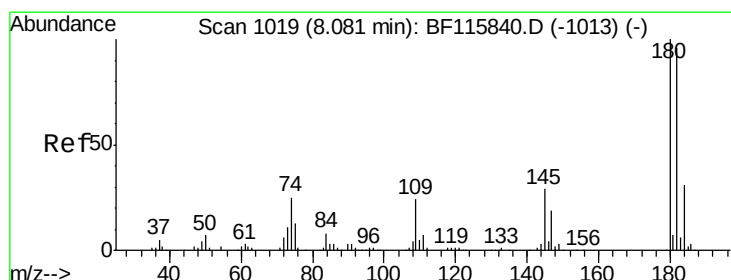
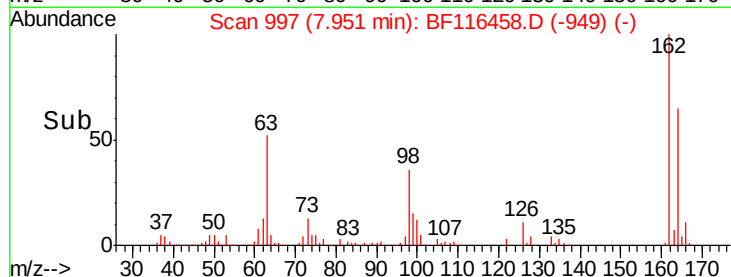
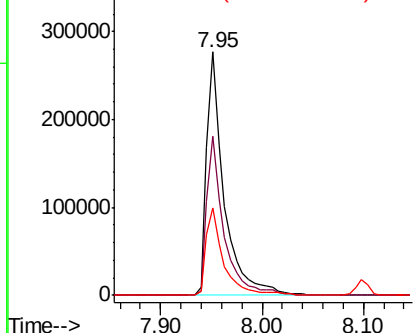
#29
 2,4-Dichlorophenol
 Concen: 43.246 ng
 RT: 7.95 min Scan# 997
 Delta R.T. -0.02 min
 Lab File: BF116458.D
 Acq: 21 Aug 2019 11:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	45.1	85.1
98	35.8	15.8	55.8

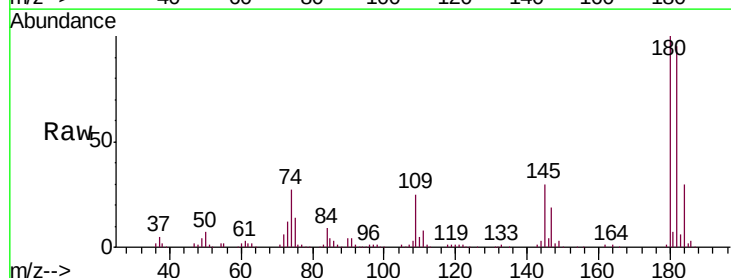


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

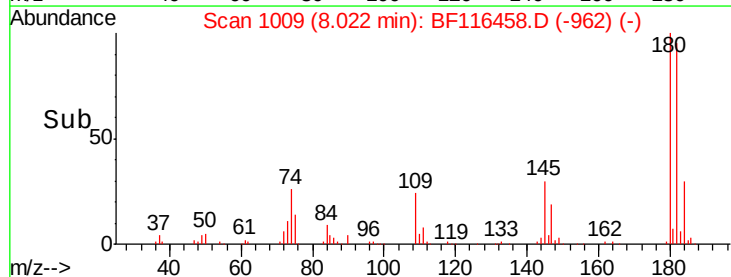
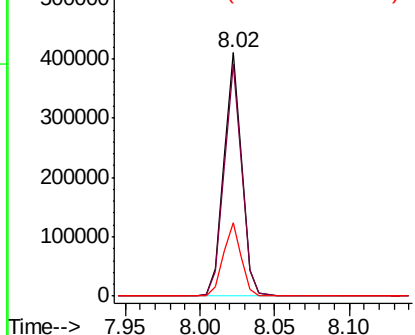


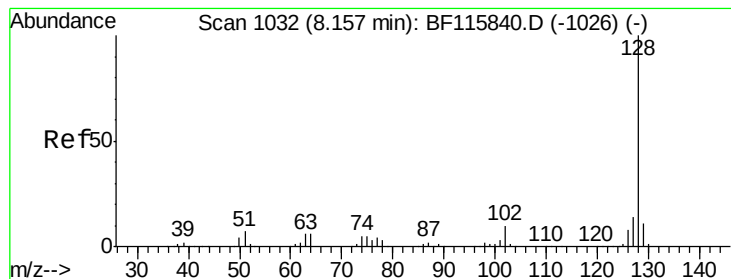
#30
 1,2,4-Trichlorobenzene
 Concen: 40.484 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.02 min
 Lab File: BF116458.D
 Acq: 21 Aug 2019 11:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	75.7	113.5
145	30.1	24.3	36.5



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: 42.827 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.02 min

Lab File: BF116458.D

Acq: 21 Aug 2019 11:36

Instrument :

BNA_F

ClientSampleId :

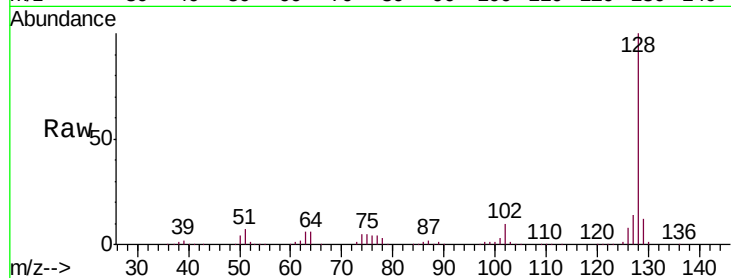
Tot Ion:128 Resp: 1093865

Ion Ratio Lower Upper

128 100

129 11.6 9.3 13.9

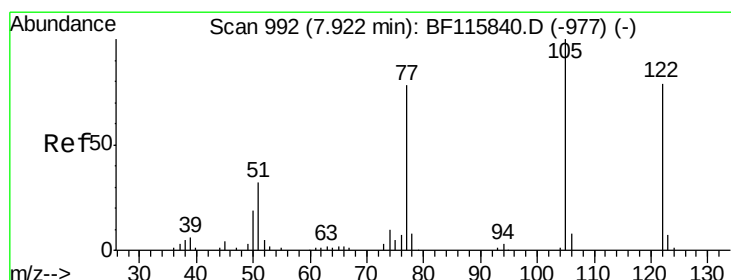
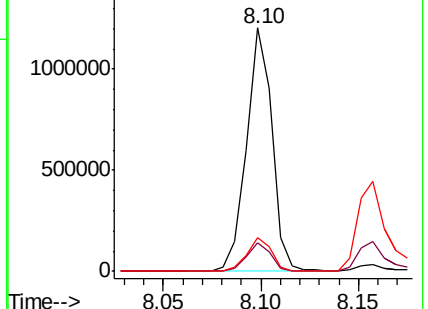
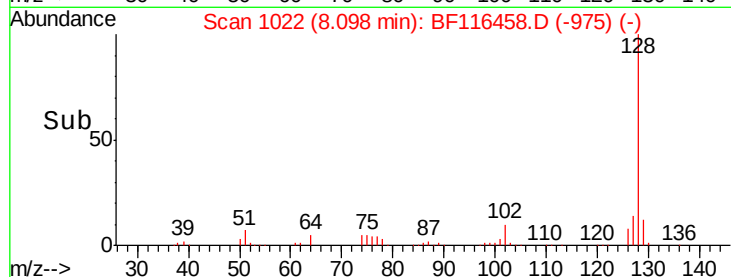
127 13.7 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 35.349 ng

RT: 7.91 min Scan# 990

Delta R.T. 0.00 min

Lab File: BF116458.D

Acq: 21 Aug 2019 11:36

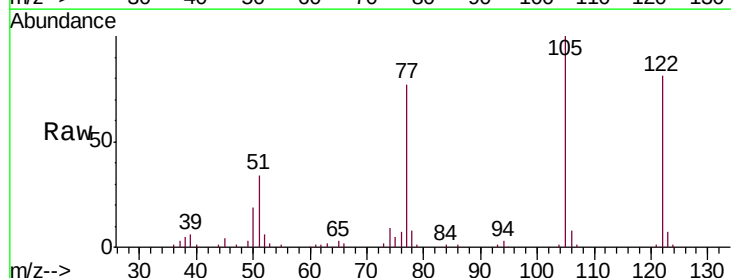
Tgt Ion:122 Resp: 179448

Ion Ratio Lower Upper

122 100

105 123.2 106.1 146.1

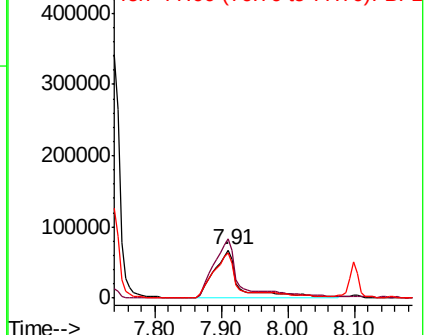
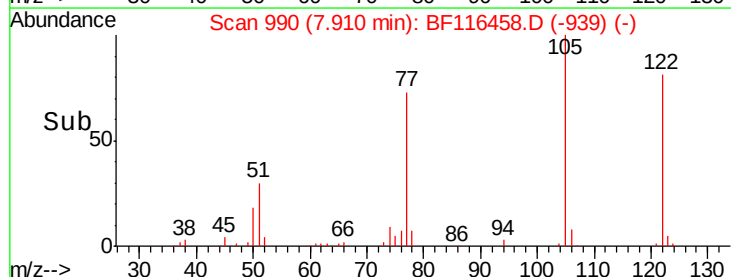
77 95.3 76.7 116.7

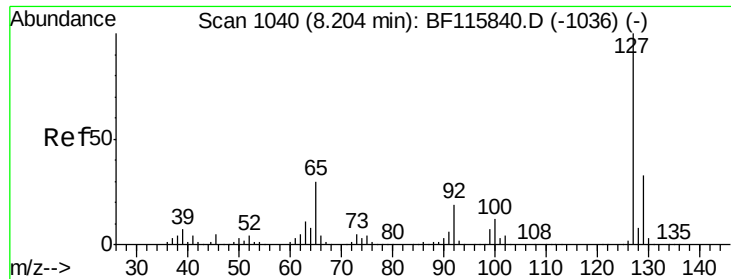


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

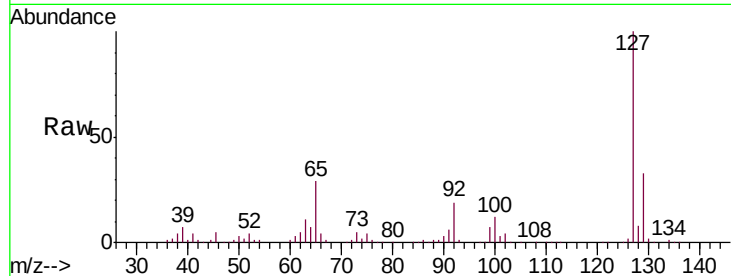




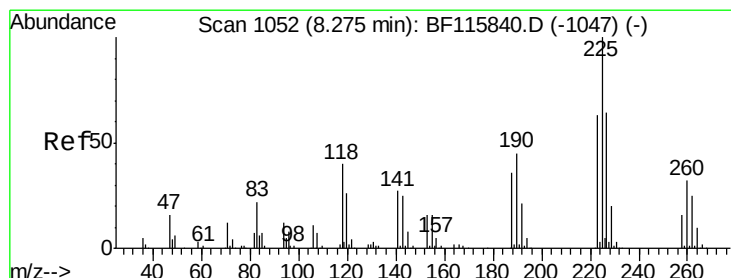
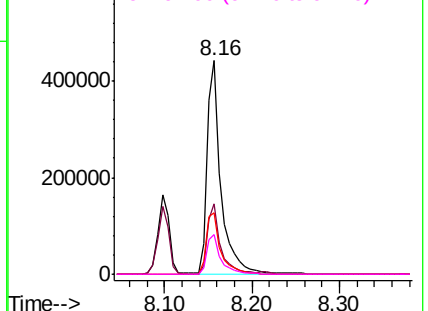
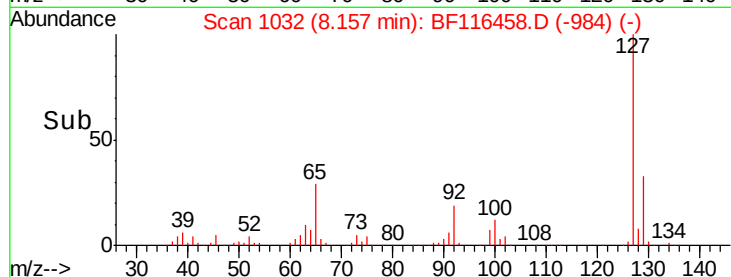
#33
4-Chloroaniline
Concen: 42.191 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF116458.D
Acq: 21 Aug 2019 11:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	481490
Ion Ratio	Lower	Upper
127	100	
129	32.7	26.1 39.1
65	28.8	24.9 37.3
92	18.6	15.7 23.5

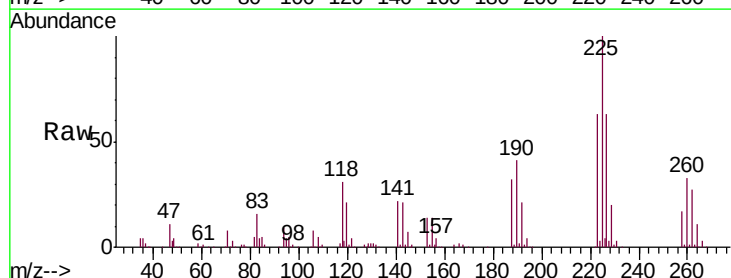


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

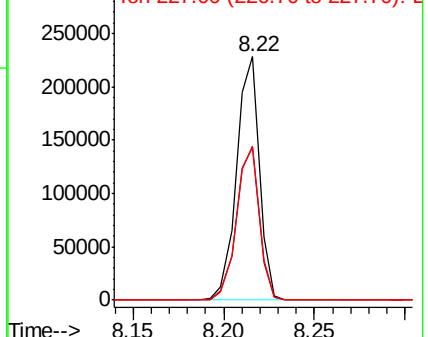
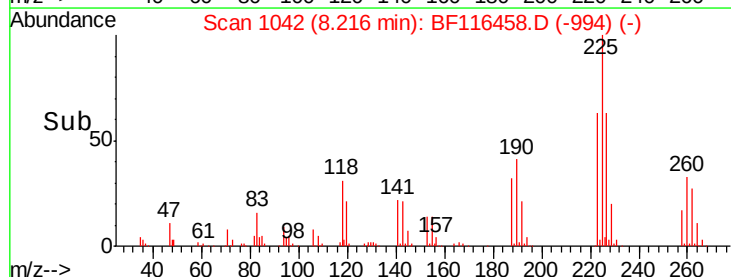


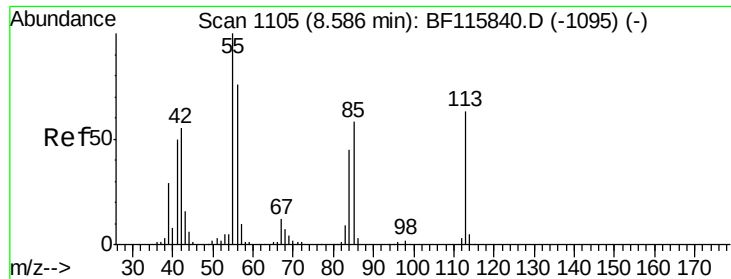
#34
Hexachlorobutadiene
Concen: 40.075 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF116458.D
Acq: 21 Aug 2019 11:36

Tgt Ion:225	Resp:	200041
Ion Ratio	Lower	Upper
225	100	
223	62.6	50.0 75.0
227	63.4	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

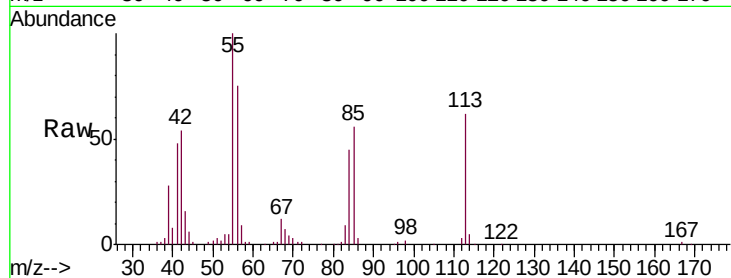




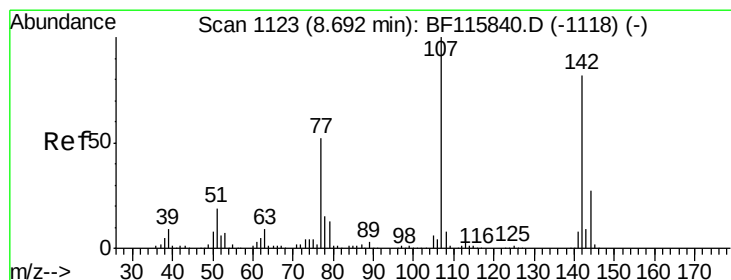
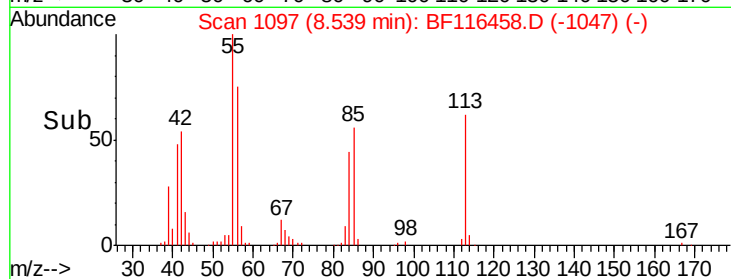
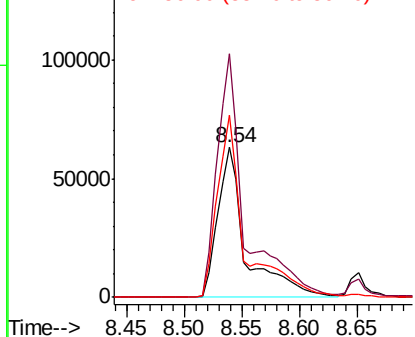
#35
 Caprolactam
 Concen: 43.584 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: BF116458.D
 Acq: 21 Aug 2019 11:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 107167
 Ion Ratio Lower Upper
 113 100
 55 162.6 144.3 184.3
 56 121.2 97.1 137.1

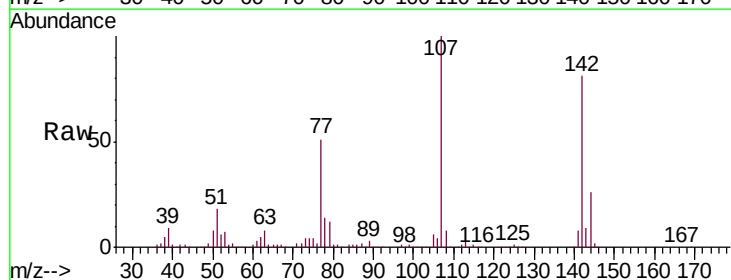


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

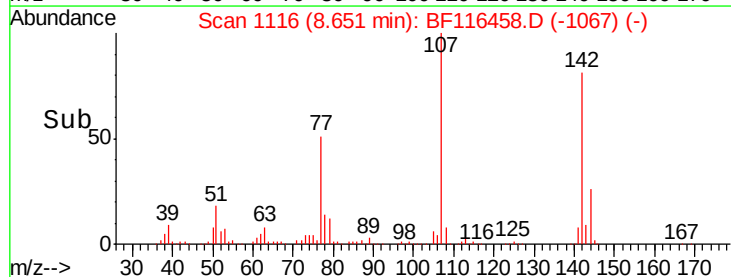
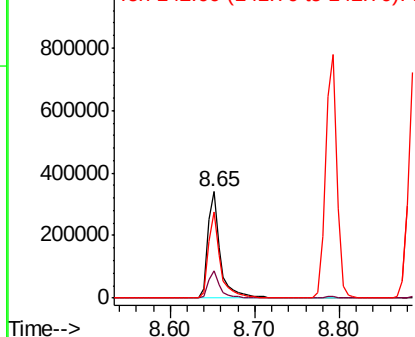


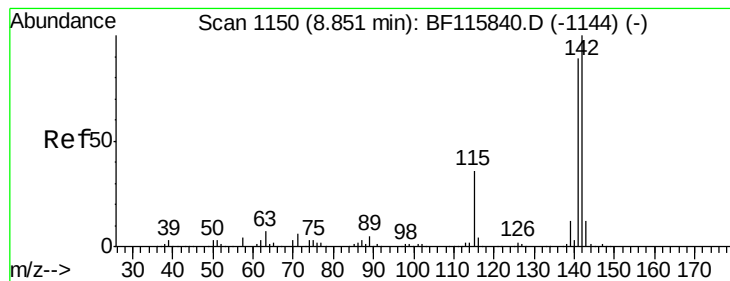
#36
 4-Chloro-3-methylphenol
 Concen: 44.025 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. -0.01 min
 Lab File: BF116458.D
 Acq: 21 Aug 2019 11:36

Tgt Ion:107 Resp: 348194
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.2 30.2
 142 80.8 61.7 92.5



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.558 ng

RT: 8.79 min Scan# 1140

Delta R.T. -0.02 min

Lab File: BF116458.D

Acq: 21 Aug 2019 11:36

Instrument :

BNA_F

ClientSampleId :

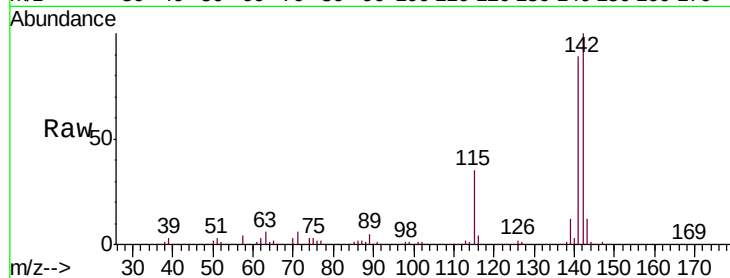
Tot Ion:142 Resp: 699058

Ion Ratio Lower Upper

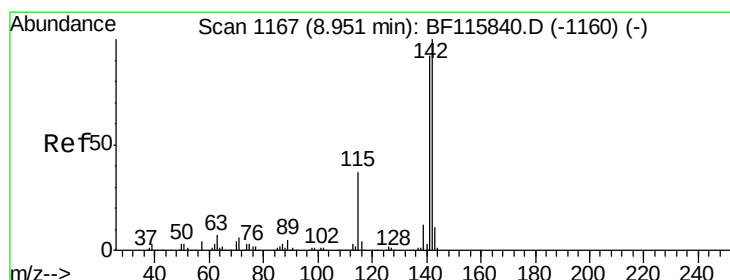
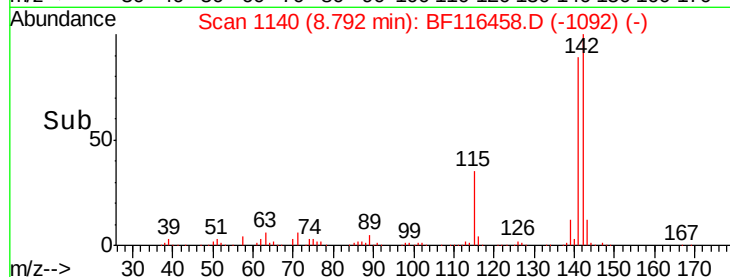
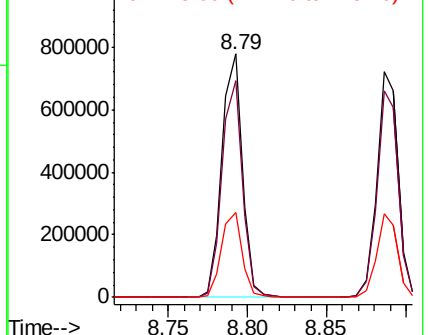
142 100

141 88.9 70.9 106.3

115 35.0 29.0 43.6



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



#38

1-Methylnaphthalene

Concen: 42.293 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.02 min

Lab File: BF116458.D

Acq: 21 Aug 2019 11:36

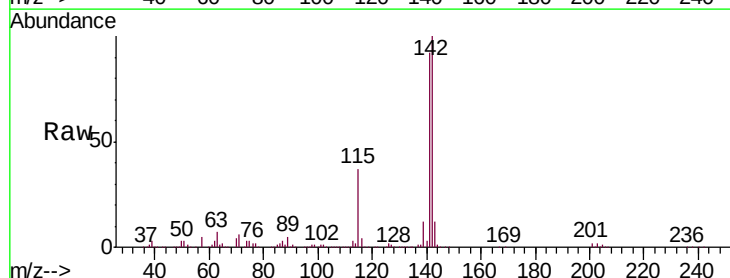
Tgt Ion:142 Resp: 673026

Ion Ratio Lower Upper

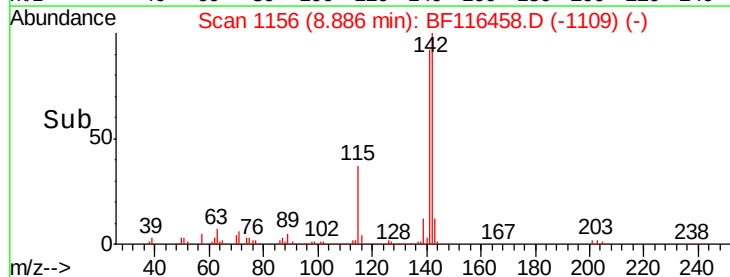
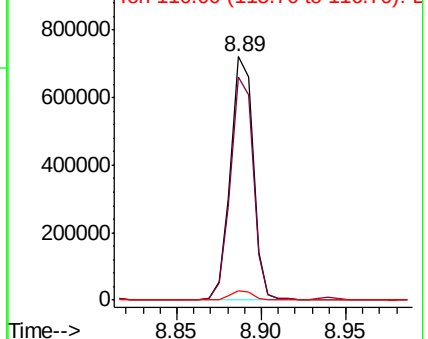
142 100

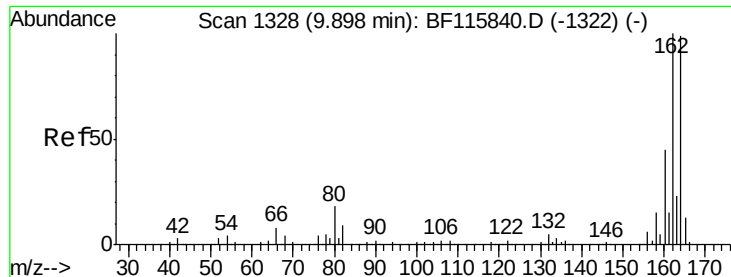
141 91.6 74.4 111.6

116 4.0 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.02 min

Lab File: BF116458.D

Acq: 21 Aug 2019 11:36

Instrument :

BNA_F

ClientSampleId :

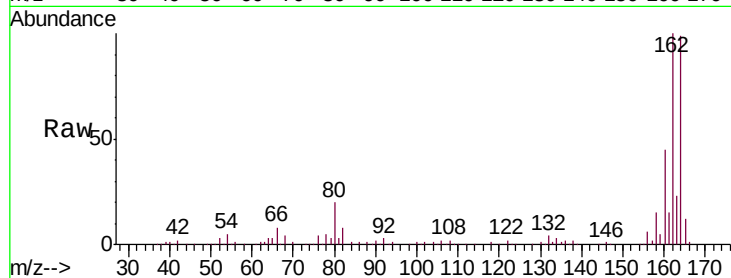
Tot Ion:164 Resp: 284328

Ion Ratio Lower Upper

164 100

162 100.6 82.6 124.0

160 45.8 37.6 56.4

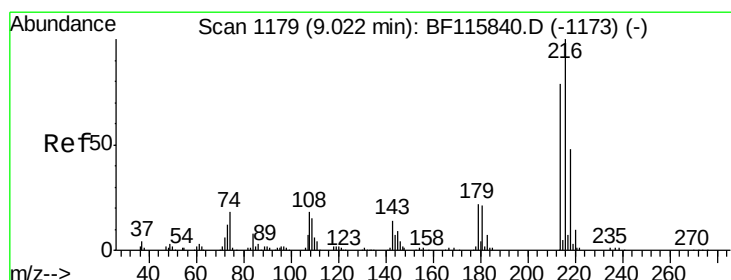
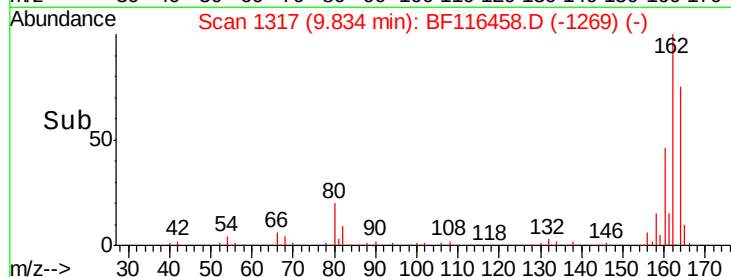
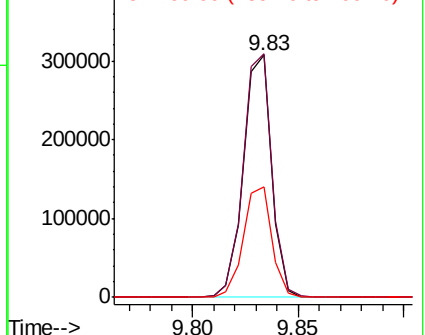


Abundance

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: 42.363 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.02 min

Lab File: BF116458.D

Acq: 21 Aug 2019 11:36

Tgt Ion:216 Resp: 322009

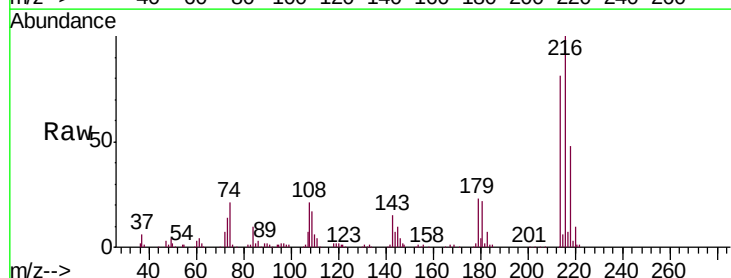
Ion Ratio Lower Upper

216 100

214 79.4 63.6 95.4

179 22.1 17.8 26.8

108 19.4 16.5 24.7



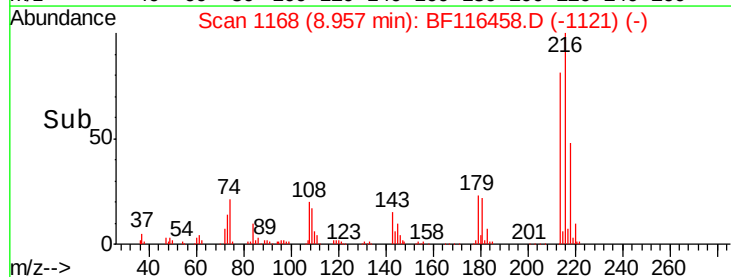
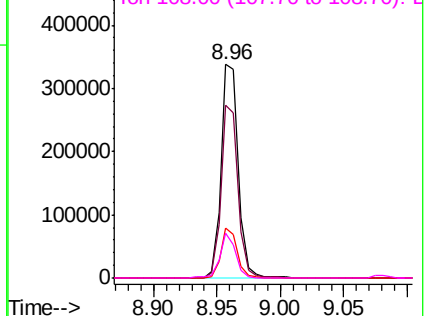
Abundance

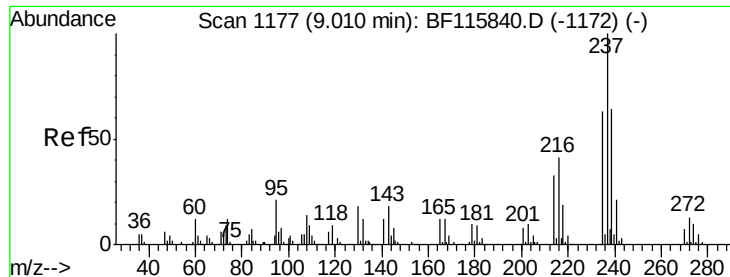
Ion 216.00 (215.70 to 216.70): E

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

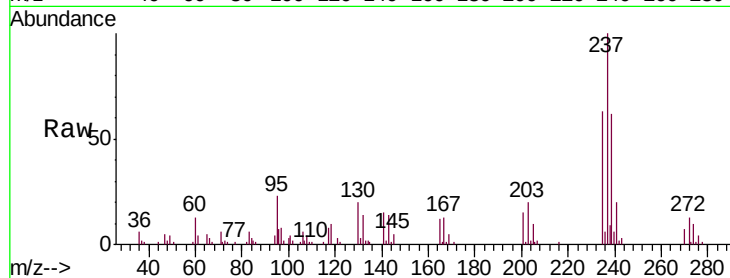




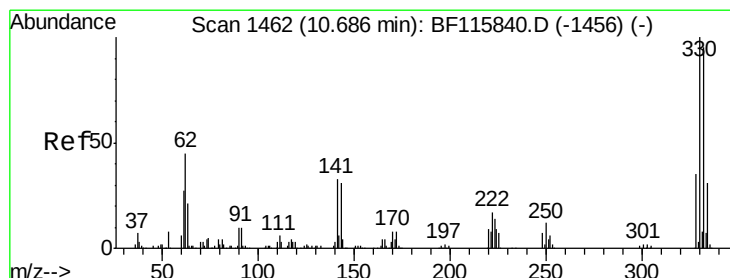
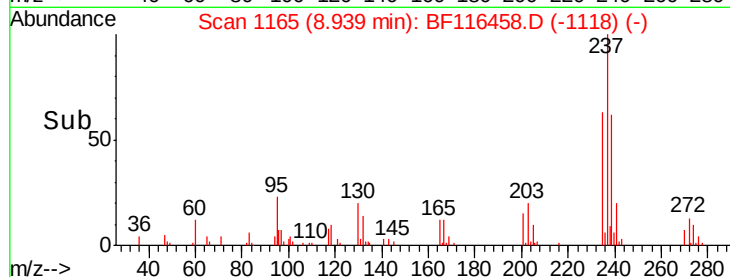
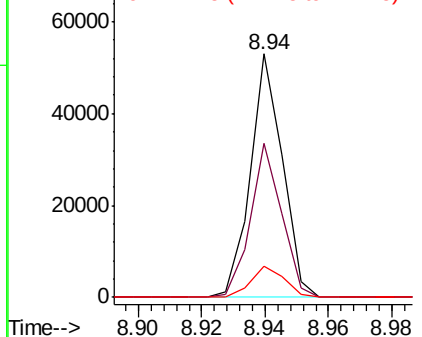
#41
 Hexachlorocyclopentadiene
 Concen: 15.993 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. -0.02 min
 Lab File: BF116458.D
 Acq: 21 Aug 2019 11:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	237	Resp:	37116
Ion	Ratio	Lower	Upper
237	100		
235	63.1	43.4	83.4
272	12.7	0.0	33.2

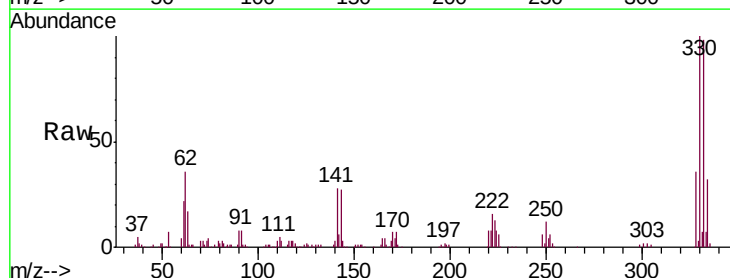


Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

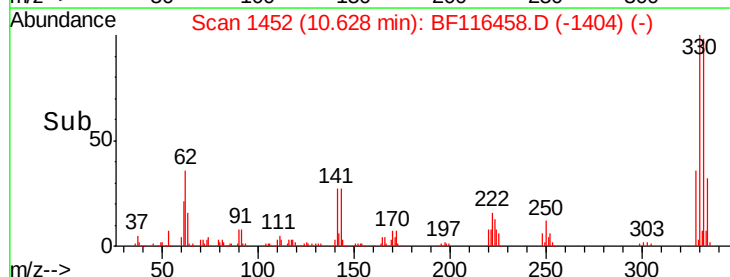
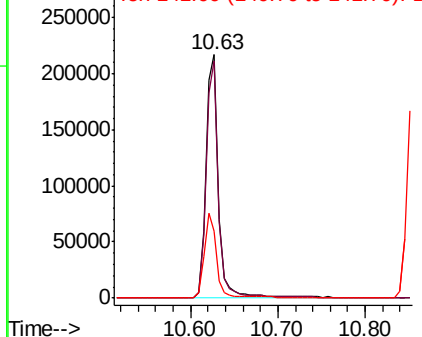


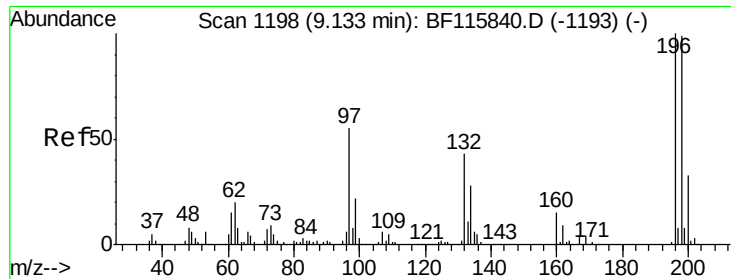
#42
 2,4,6-Tribromophenol
 Concen: 78.669 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.02 min
 Lab File: BF116458.D
 Acq: 21 Aug 2019 11:36

Tgt Ion:	330	Resp:	216861
Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.8	115.2
141	33.9	26.3	39.5



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

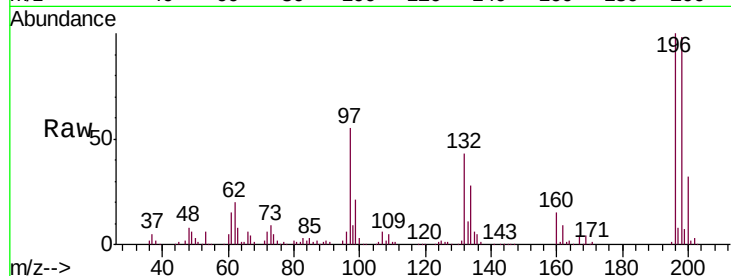




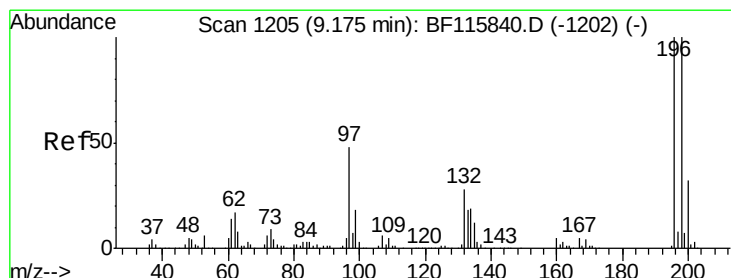
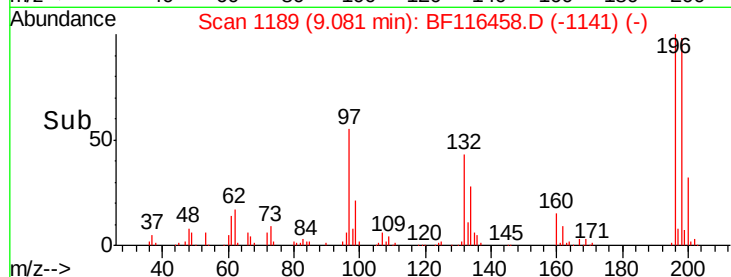
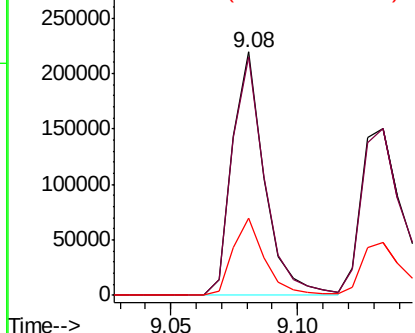
#43
 2,4,6-Trichlorophenol
 Concen: 37.051 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.02 min
 Lab File: BF116458.D
 Acq: 21 Aug 2019 11:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196	Resp:	193850
Ion Ratio	Lower	Upper
196	100	
198	97.8	79.2 118.8
200	31.8	25.2 37.8

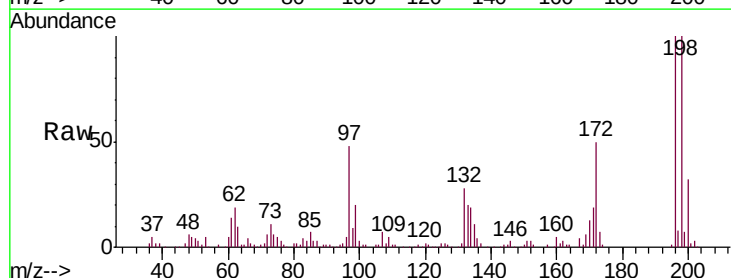


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

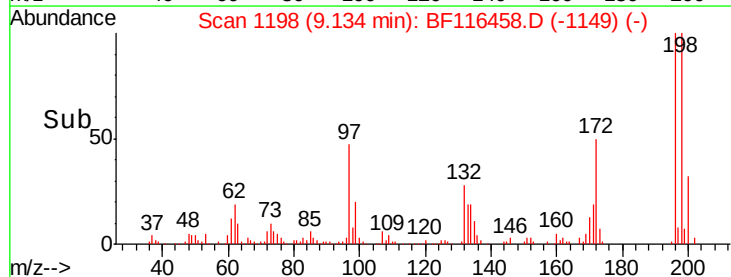
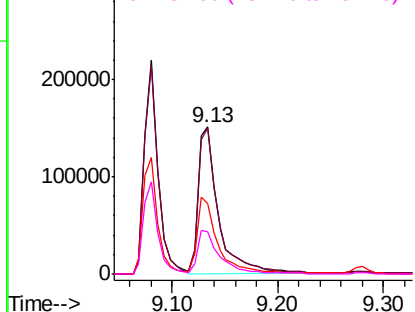


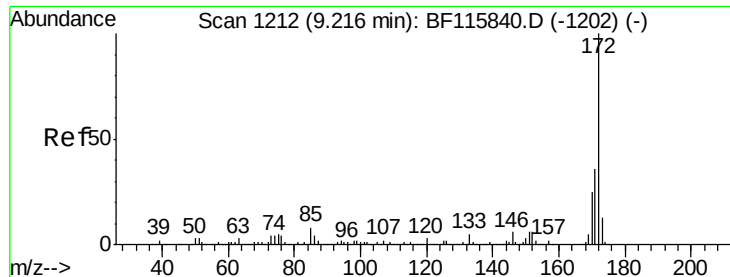
#44
 2,4,5-Trichlorophenol
 Concen: 36.503 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF116458.D
 Acq: 21 Aug 2019 11:36

Tgt Ion:196	Resp:	197422
Ion Ratio	Lower	Upper
196	100	
198	99.7	78.8 118.2
97	47.7	42.2 63.4
132	28.4	24.0 36.0



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

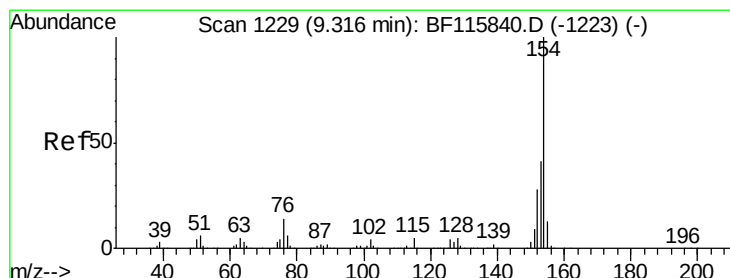
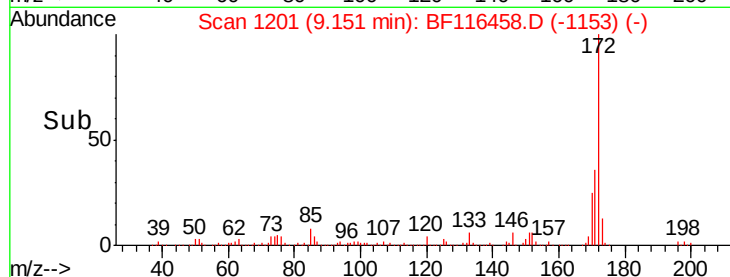
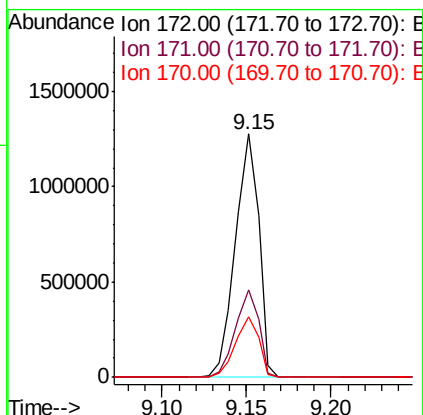
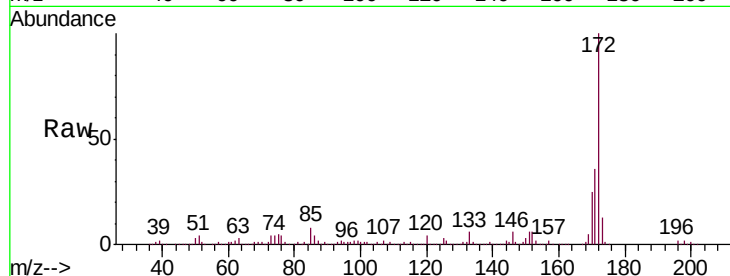




#45
2-Fluorobiphenyl
Concen: 81.477 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BF116458.D
Acq: 21 Aug 2019 11:36

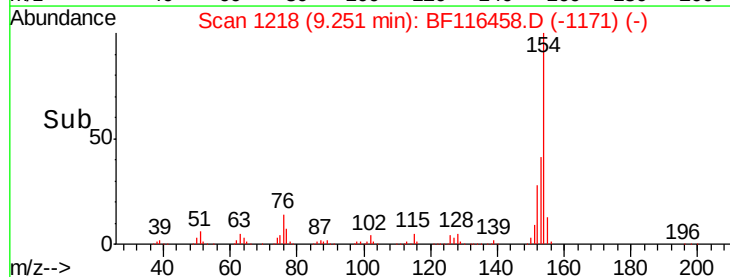
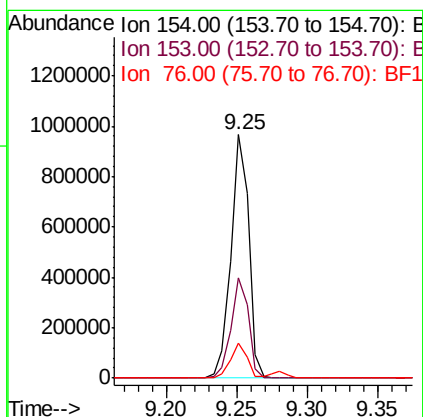
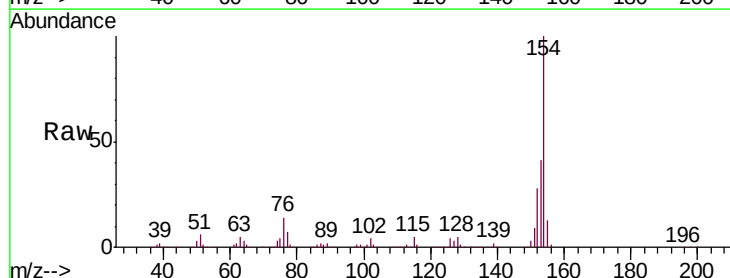
Instrument :
BNA_F
ClientSampleId :

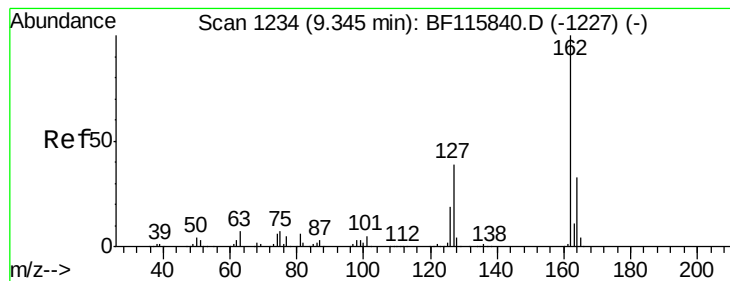
Tot Ion:172 Resp: 1236794
Ion Ratio Lower Upper
172 100
171 35.9 29.6 44.4
170 25.0 20.1 30.1



#46
1,1'-Biphenyl
Concen: 42.325 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.02 min
Lab File: BF116458.D
Acq: 21 Aug 2019 11:36

Tgt Ion:154 Resp: 849612
Ion Ratio Lower Upper
154 100
153 41.3 21.4 61.4
76 14.3 0.0 35.2





#47

2-Chloronaphthalene

Concen: 41.862 ng

RT: 9.28 min Scan# 1223

Delta R.T. -0.02 min

Lab File: BF116458.D

Acq: 21 Aug 2019 11:36

Instrument :

BNA_F

ClientSampled :

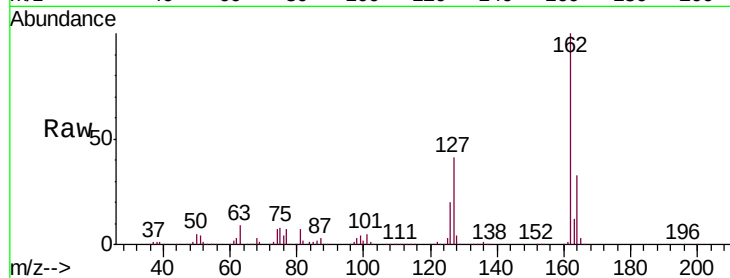
Tot Ion:162 Resp: 699386

Ion Ratio Lower Upper

162 100

127 41.3 32.8 49.2

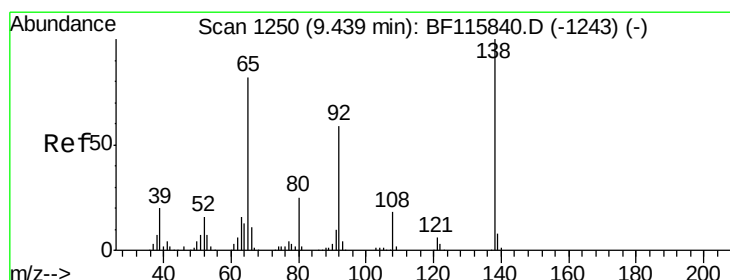
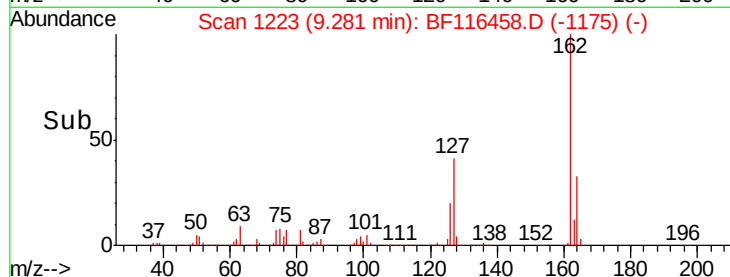
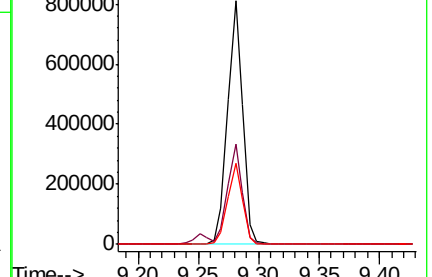
164 33.4 26.6 39.8



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: 43.030 ng

RT: 9.39 min Scan# 1241

Delta R.T. -0.02 min

Lab File: BF116458.D

Acq: 21 Aug 2019 11:36

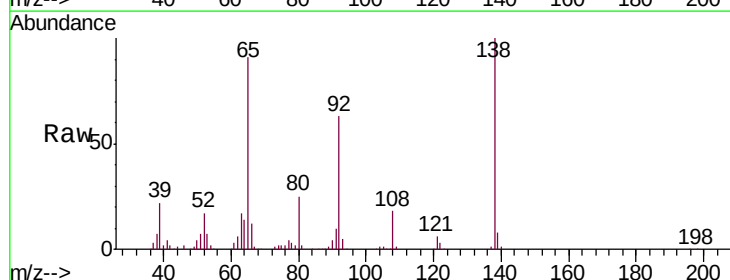
Tgt Ion: 65 Resp: 237627

Ion Ratio Lower Upper

65 100

92 70.0 57.8 86.8

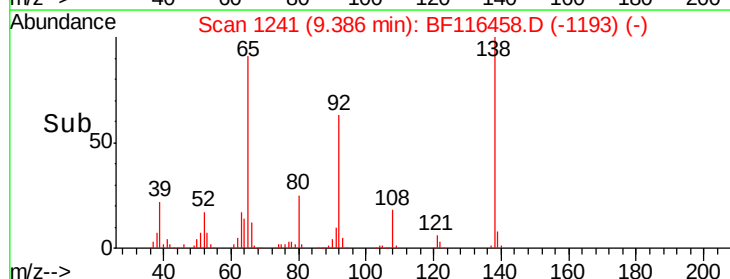
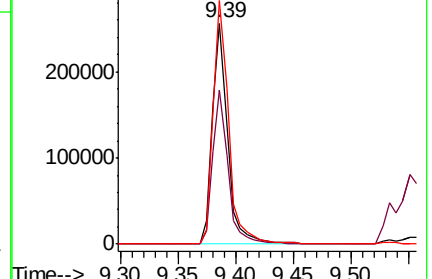
138 110.3 94.0 141.0

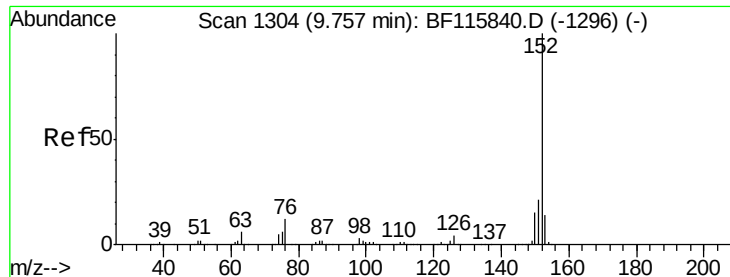


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.948 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.02 min

Lab File: BF116458.D

Acq: 21 Aug 2019 11:36

Instrument :

BNA_F

ClientSampled :

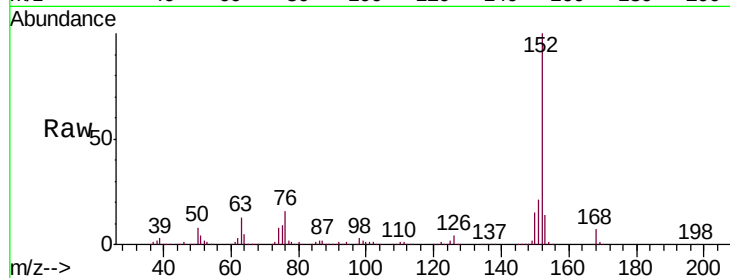
Tot Ion:152 Resp: 1022435

Ion Ratio Lower Upper

152 100

151 20.8 17.2 25.8

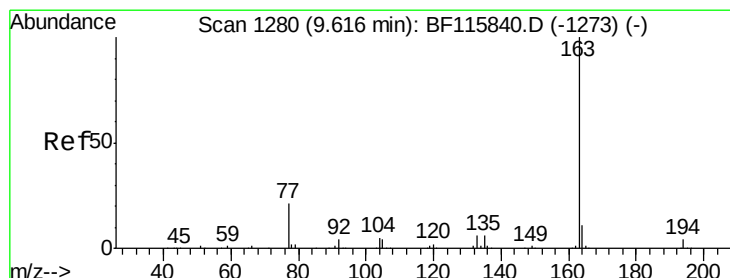
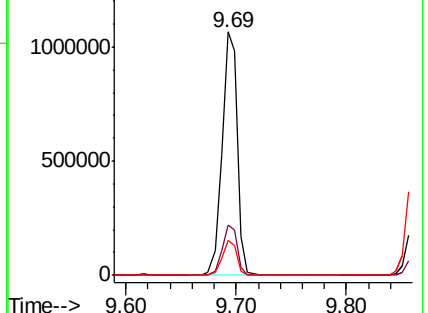
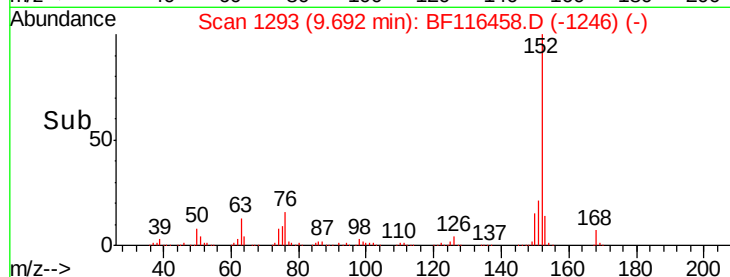
153 14.3 11.8 17.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.830 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF116458.D

Acq: 21 Aug 2019 11:36

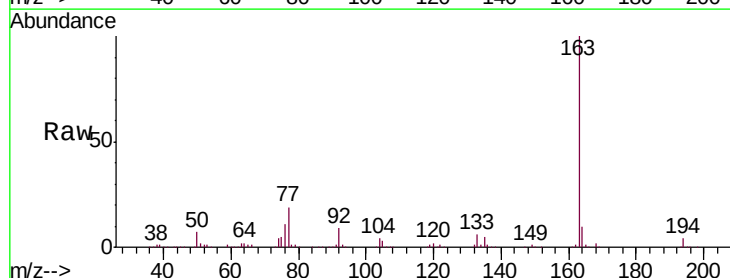
Tgt Ion:163 Resp: 790457

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

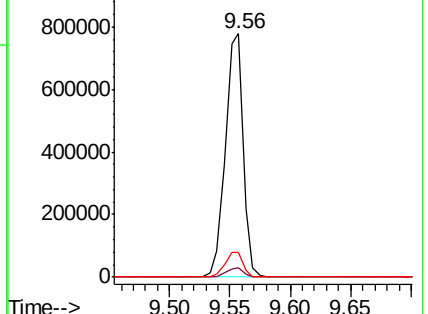
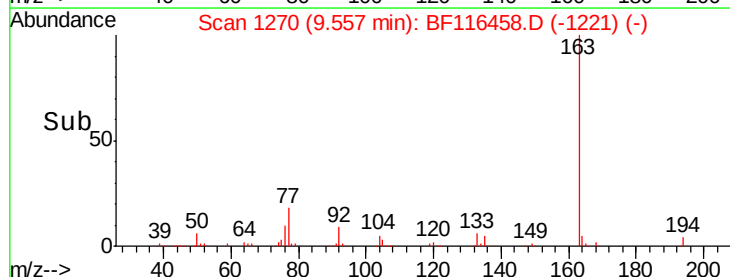
164 10.1 8.4 12.6

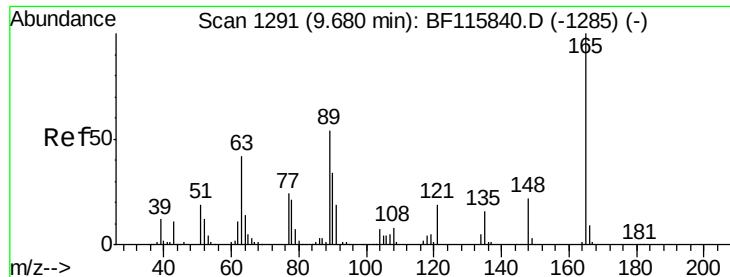


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.044 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF116458.D

Acq: 21 Aug 2019 11:36

Instrument :

BNA_F

ClientSampled :

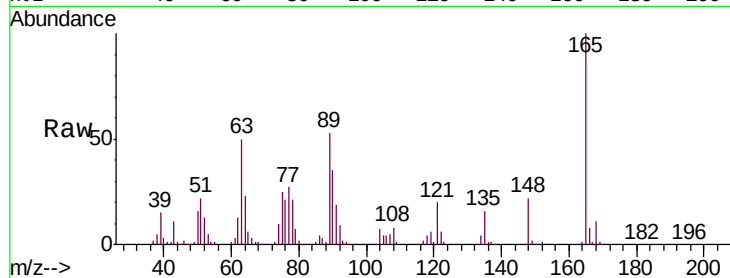
Tot Ion:165 Resp: 176885

Ion Ratio Lower Upper

165 100

63 50.2 38.2 57.2

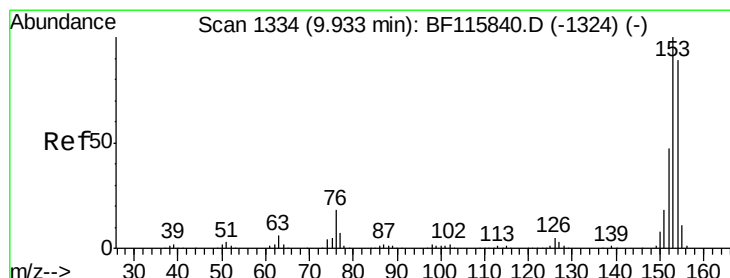
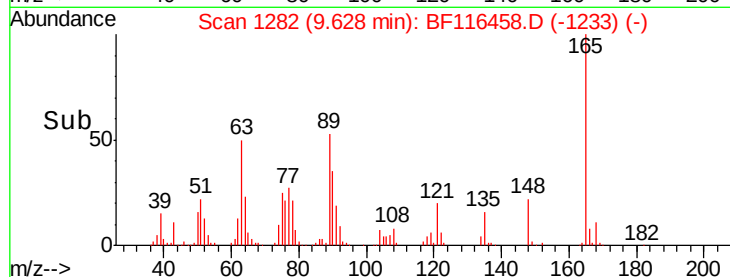
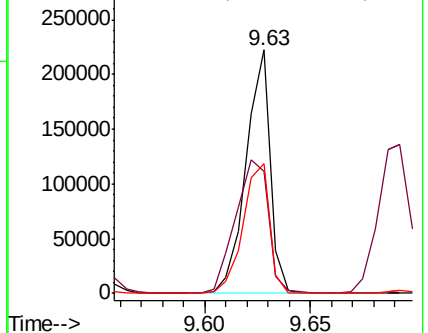
89 53.5 42.9 64.3



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: 42.168 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.02 min

Lab File: BF116458.D

Acq: 21 Aug 2019 11:36

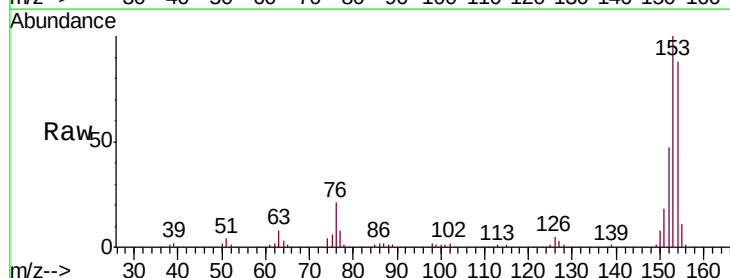
Tgt Ion:154 Resp: 630540

Ion Ratio Lower Upper

154 100

153 113.4 89.4 134.0

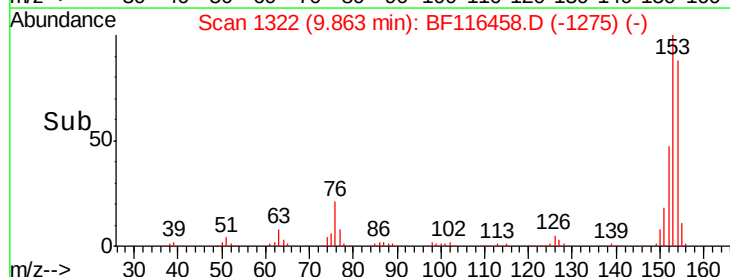
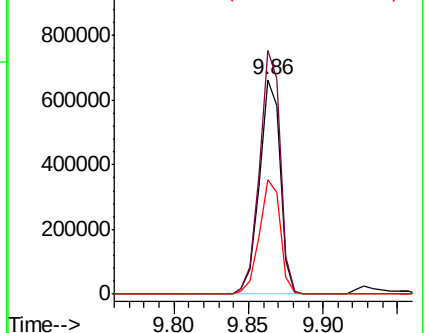
152 53.4 42.3 63.5

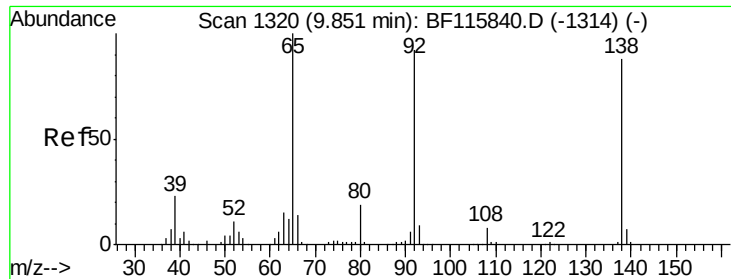


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

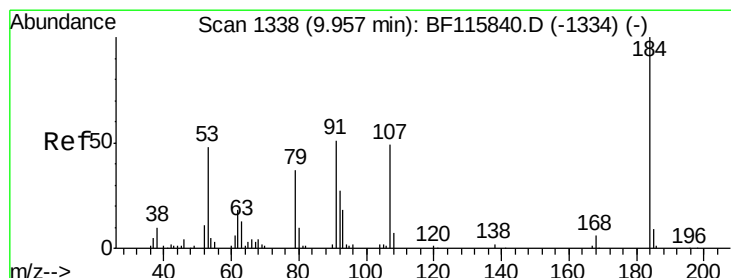
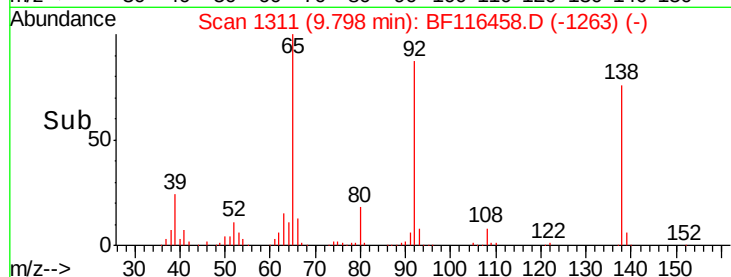
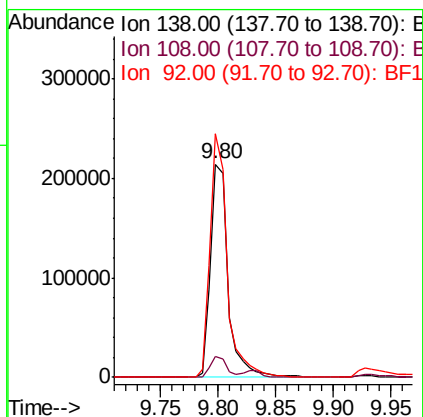
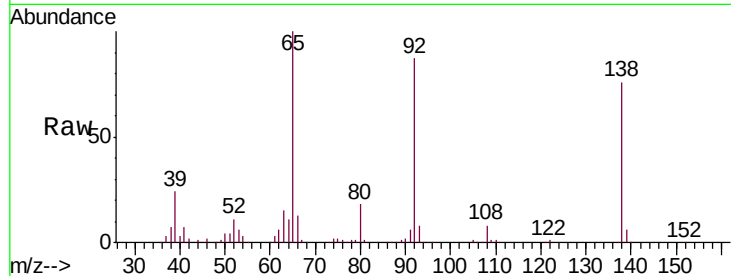




#53
 3-Nitroaniline
 Concen: 43.709 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.02 min
 Lab File: BF116458.D
 Acq: 21 Aug 2019 11:36

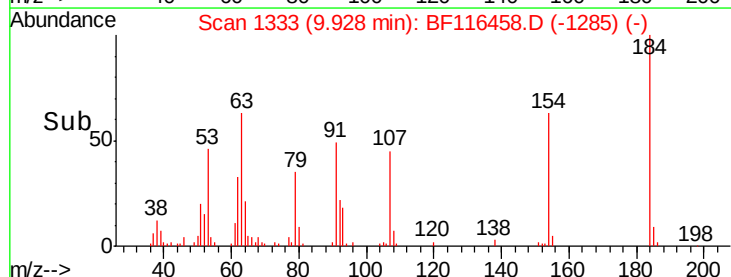
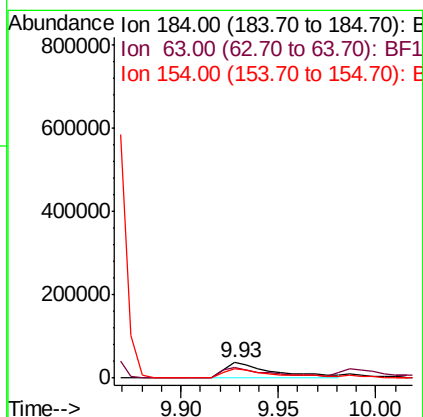
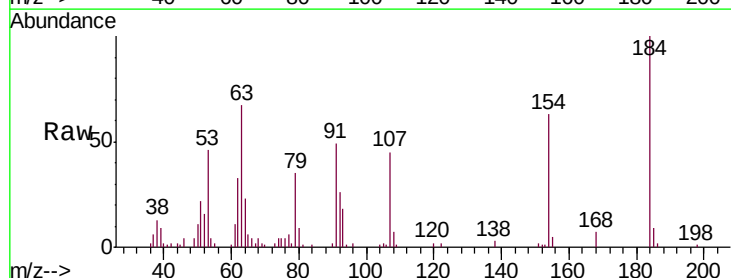
Instrument :
 BNA_F
 ClientSampleId :

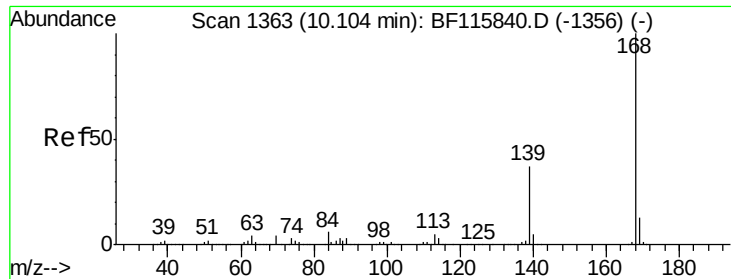
Tot Ion:138 Resp: 227223
 Ion Ratio Lower Upper
 138 100
 108 9.9 8.0 12.0
 92 114.1 91.0 136.6



#54
 2,4-Dinitrophenol
 Concen: 36.016 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.02 min
 Lab File: BF116458.D
 Acq: 21 Aug 2019 11:36

Tgt Ion:184 Resp: 66882
 Ion Ratio Lower Upper
 184 100
 63 66.6 53.0 79.4
 154 62.7 50.1 75.1





#55

Dibenzofuran

Concen: 39.719 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.02 min

Lab File: BF116458.D

Acq: 21 Aug 2019 11:36

Instrument :

BNA_F

ClientSampleId :

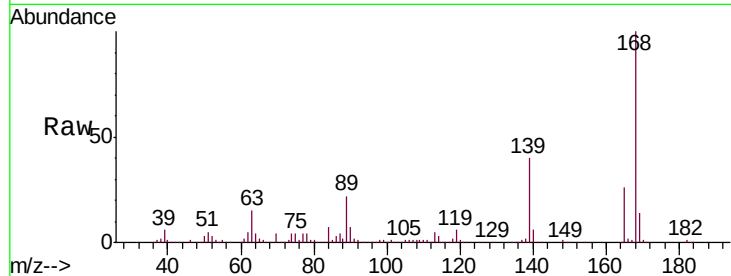
Tot Ion:168 Resp: 863724

Ion Ratio Lower Upper

168 100

139 39.8 31.4 47.2

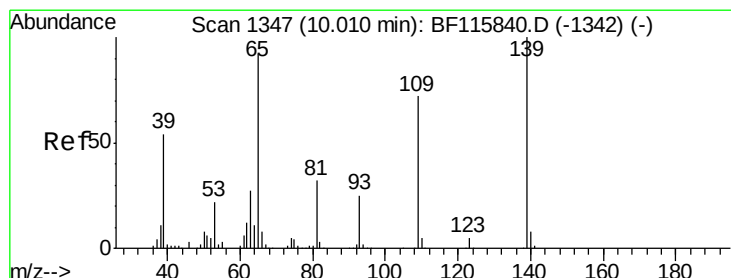
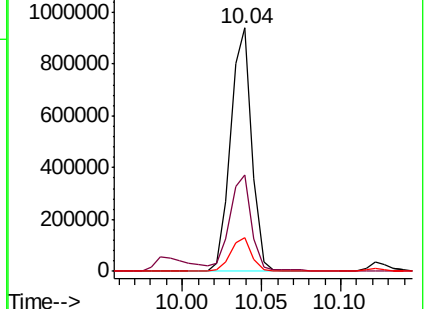
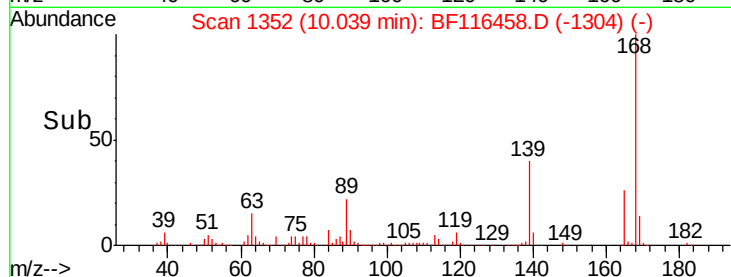
169 13.6 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 25.102 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF116458.D

Acq: 21 Aug 2019 11:36

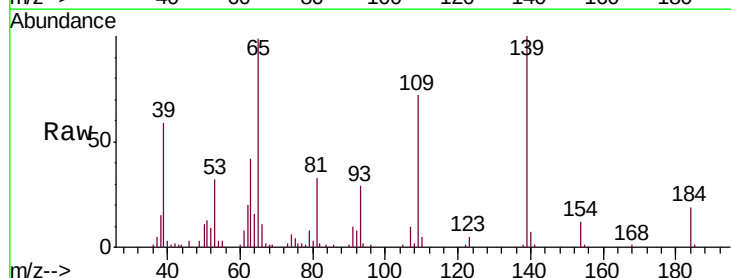
Tgt Ion:139 Resp: 83593

Ion Ratio Lower Upper

139 100

109 71.5 54.4 94.4

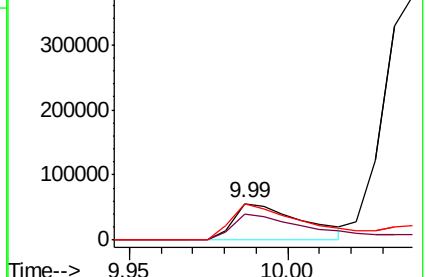
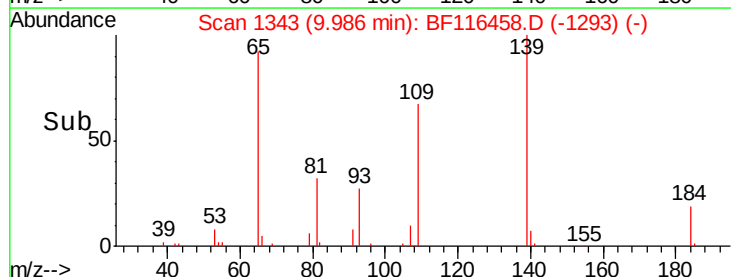
65 98.7 80.6 120.6

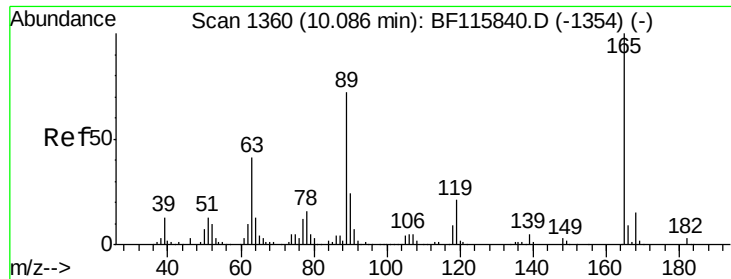


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

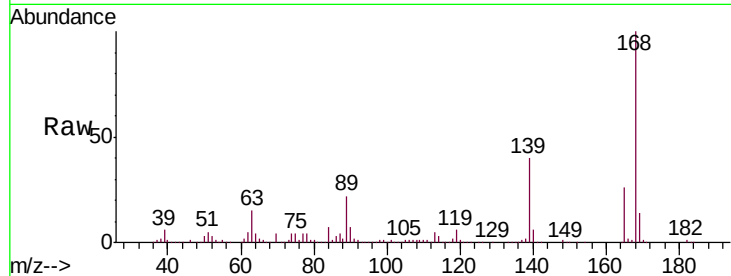




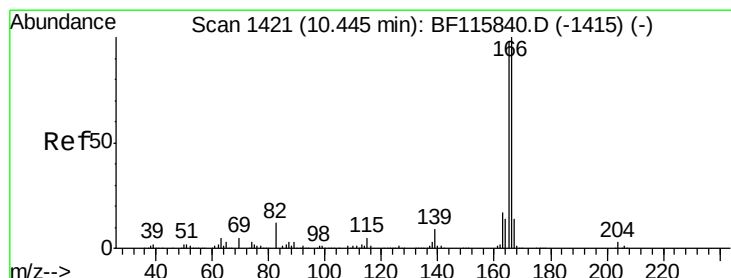
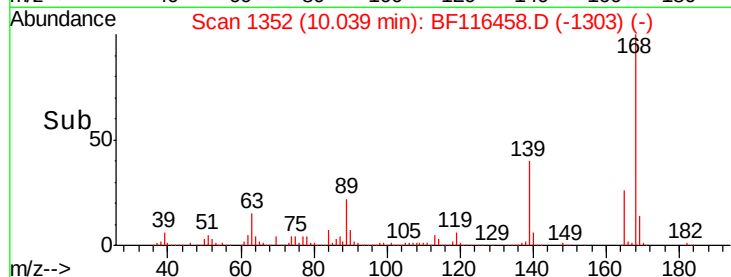
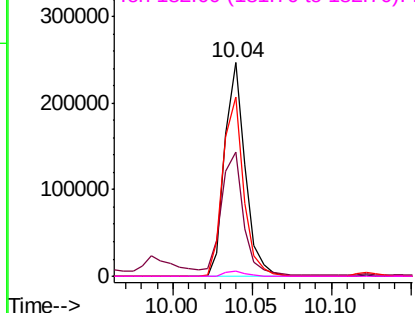
#57
2,4-Dinitrotoluene
Concen: 39.289 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF116458.D
Acq: 21 Aug 2019 11:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	57.9	39.6	59.4
89	83.7	62.2	93.2
182	2.6	2.1	3.1

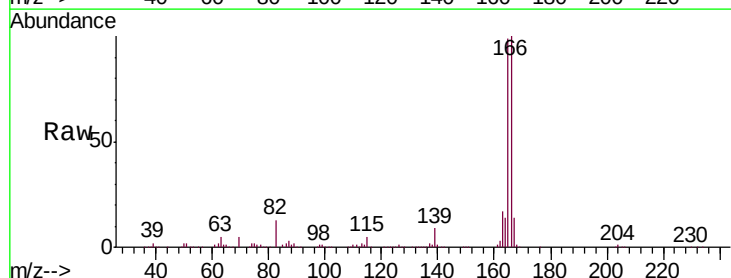


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

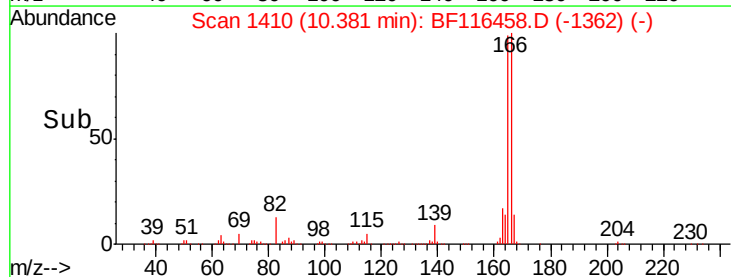
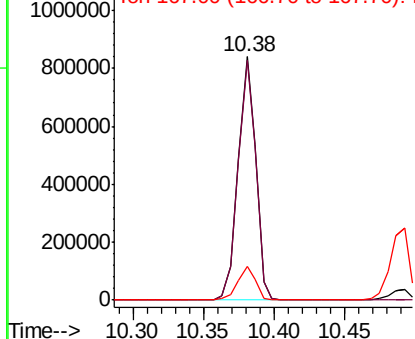


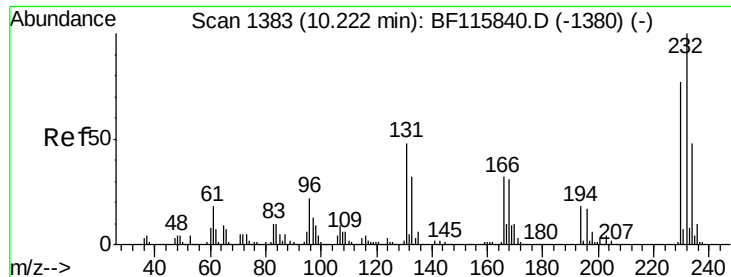
#58
Fluorene
Concen: 43.764 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.02 min
Lab File: BF116458.D
Acq: 21 Aug 2019 11:36

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.4	117.6
167	13.6	11.0	16.4



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

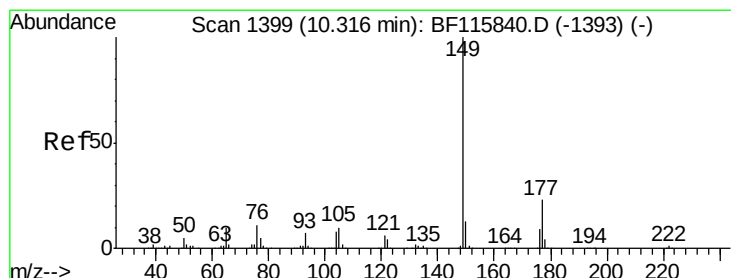
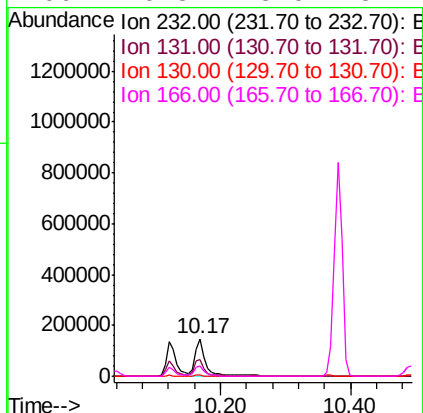
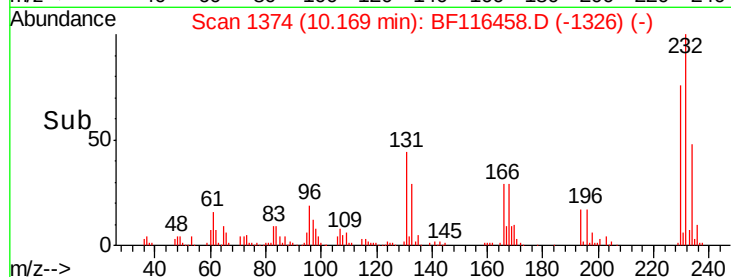
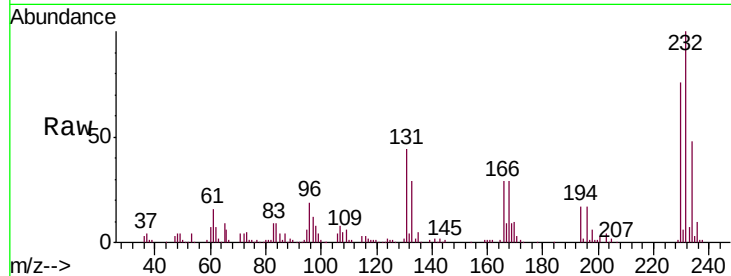




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 36.613 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. -0.02 min
 Lab File: BF116458.D
 Acq: 21 Aug 2019 11:36

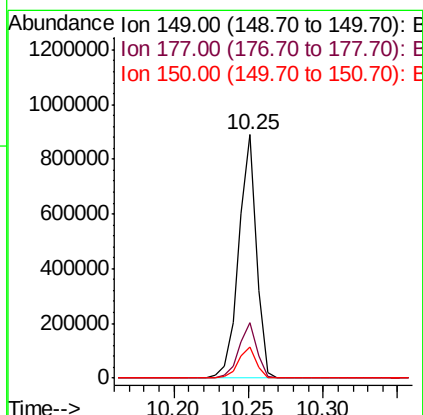
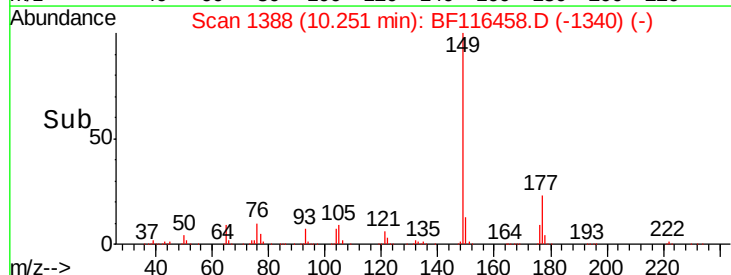
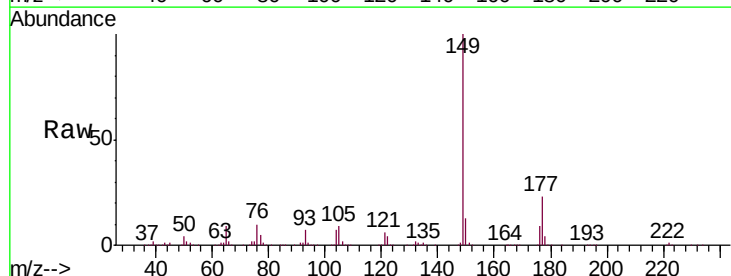
Instrument :
 BNA_F
 ClientSampleId :

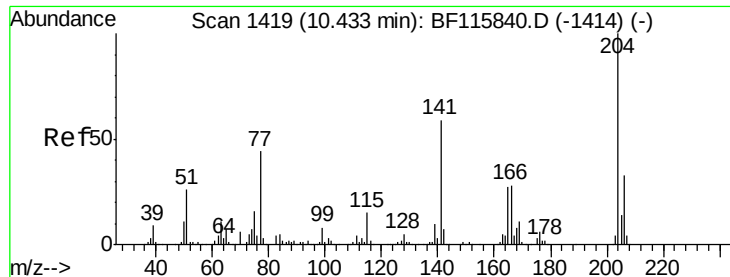
Tot Ion:	232	Resp:	166592
Ion	Ratio	Lower	Upper
232	100		
131	40.8	36.2	54.2
130	2.2	1.9	2.9
166	26.8	23.0	34.4



#60
 Diethylphthalate
 Concen: 41.055 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. -0.02 min
 Lab File: BF116458.D
 Acq: 21 Aug 2019 11:36

Tgt Ion:	149	Resp:	742058
Ion	Ratio	Lower	Upper
149	100		
177	22.7	18.8	28.2
150	12.8	10.2	15.4

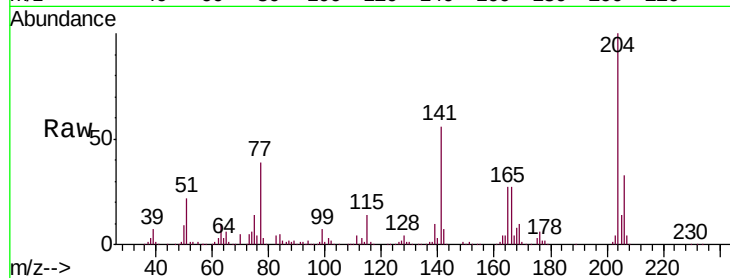




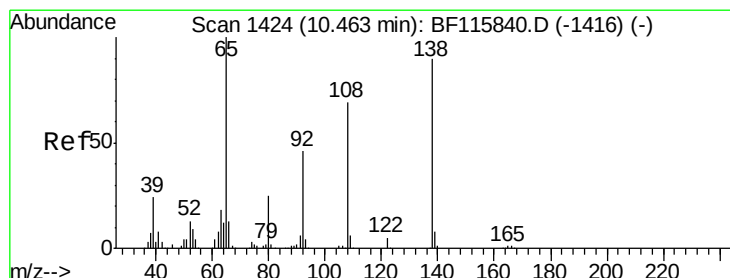
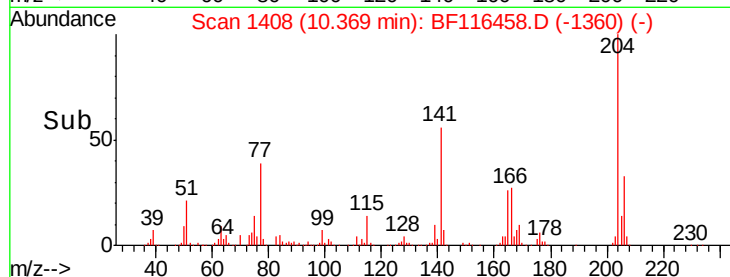
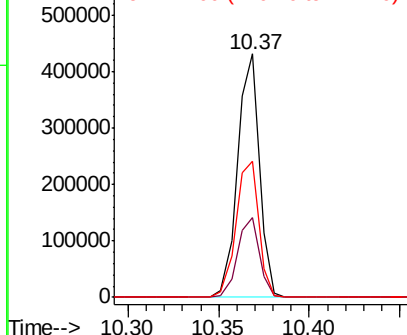
#61
4-Chlorophenyl-phenylether
Concen: 42.755 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.02 min
Lab File: BF116458.D
Acq: 21 Aug 2019 11:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 362274
Ion Ratio Lower Upper
204 100
206 32.7 26.4 39.6
141 56.1 46.4 69.6

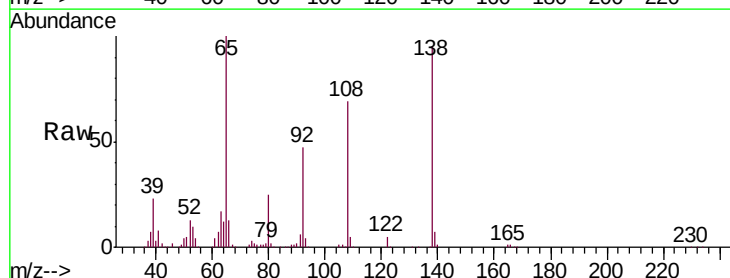


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

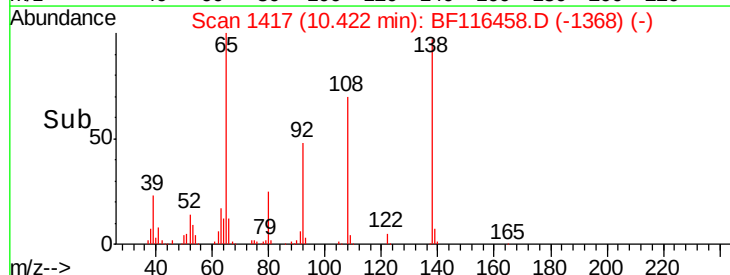
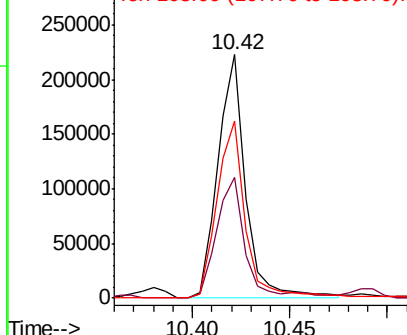


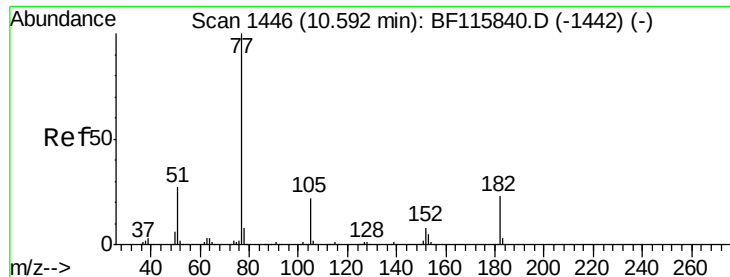
#62
4-Nitroaniline
Concen: 40.782 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF116458.D
Acq: 21 Aug 2019 11:36

Tgt Ion:138 Resp: 219092
Ion Ratio Lower Upper
138 100
92 49.7 29.0 69.0
108 72.7 54.7 94.7



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





#63

Azobenzene

Concen: 42.628 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.02 min

Lab File: BF116458.D

Acq: 21 Aug 2019 11:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 792492

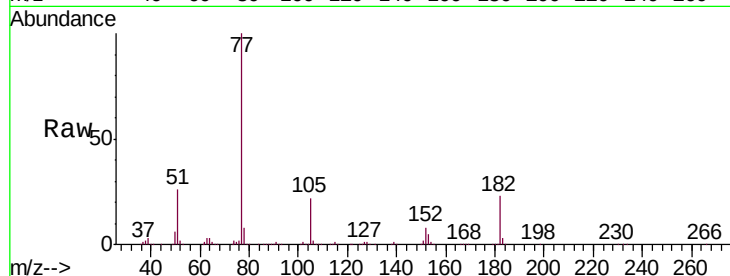
Ion Ratio Lower Upper

77 100

182 23.0 4.0 44.0

105 21.8 2.0 42.0

51 26.2 7.5 47.5

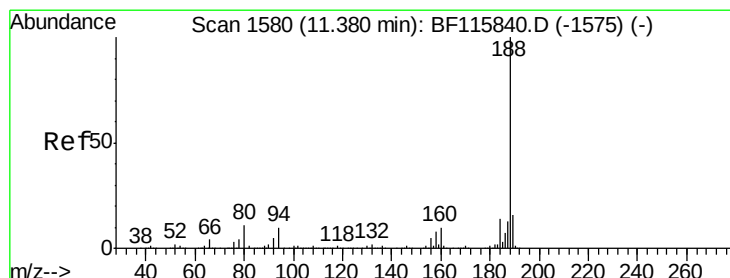
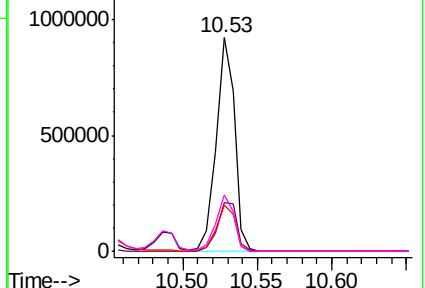
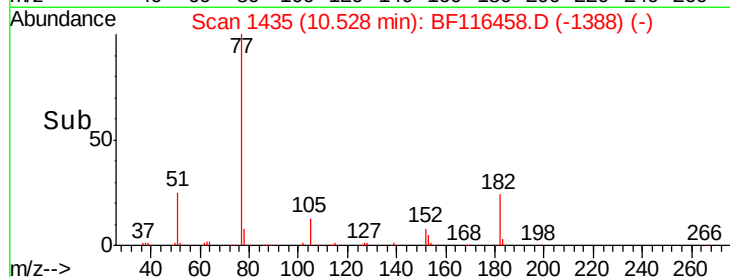


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.02 min

Lab File: BF116458.D

Acq: 21 Aug 2019 11:36

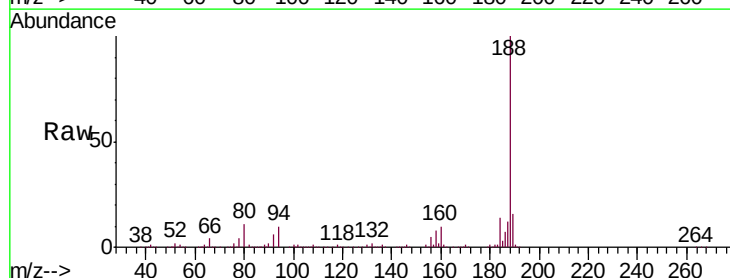
Tgt Ion: 188 Resp: 496468

Ion Ratio Lower Upper

188 100

94 10.5 8.1 12.1

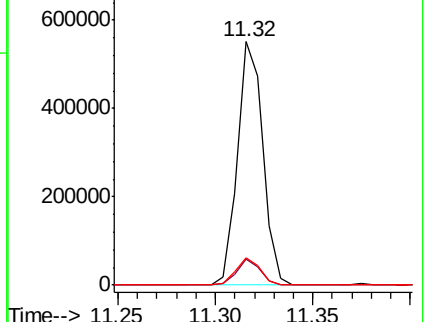
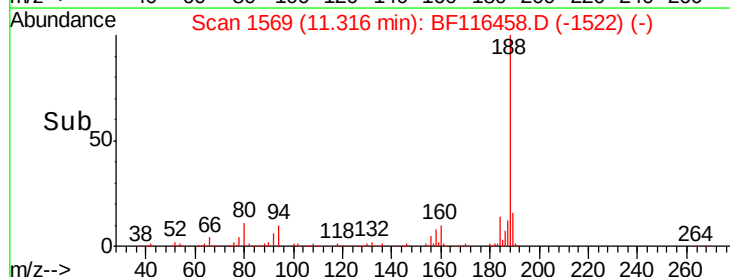
80 11.2 8.7 13.1

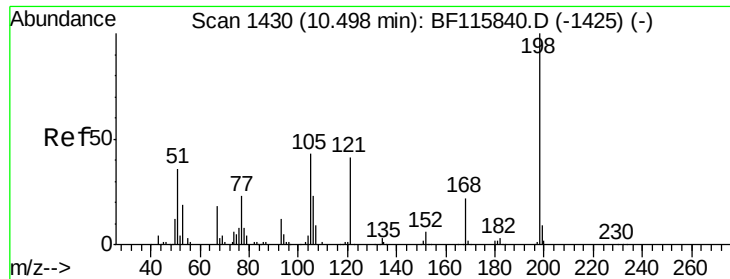


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

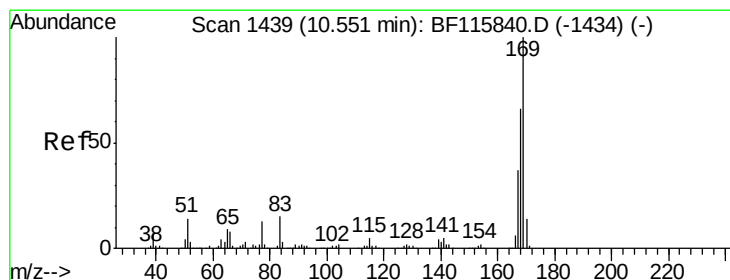
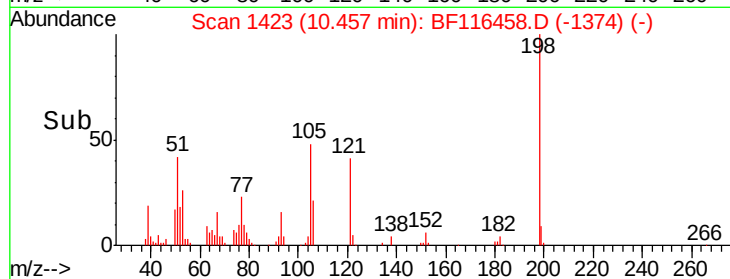
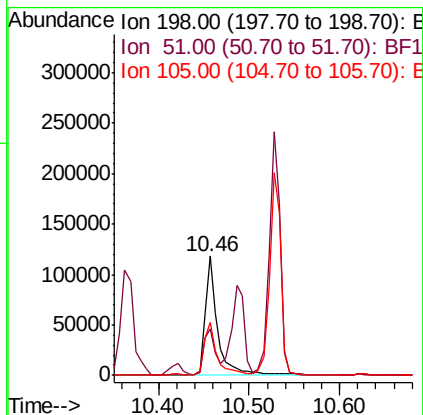
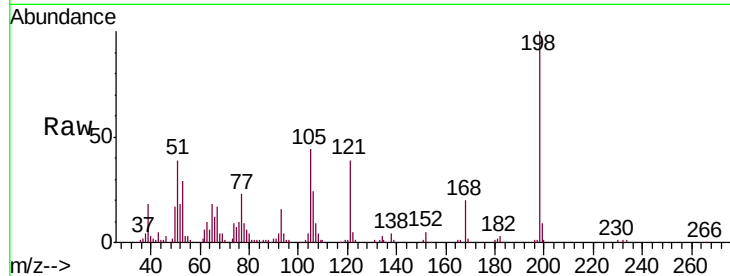




#65
 4,6-Dinitro-2-methylphenol
 Concen: 44.336 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF116458.D
 Acq: 21 Aug 2019 11:36

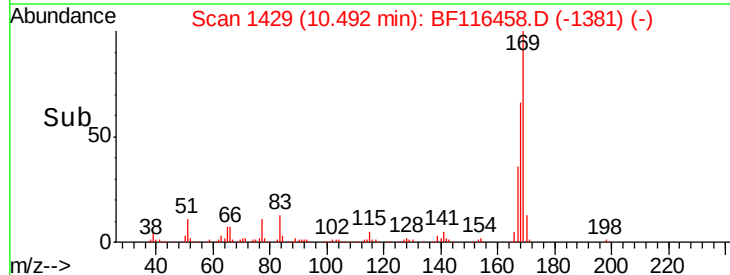
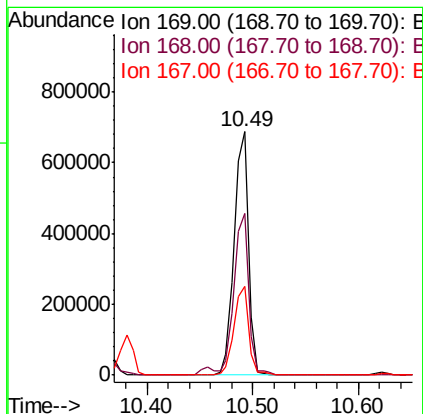
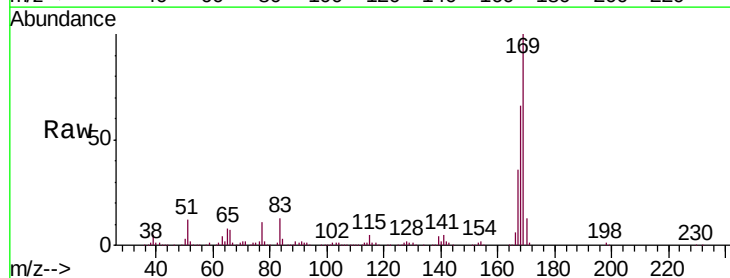
Instrument :
 BNA_F
 ClientSampled :

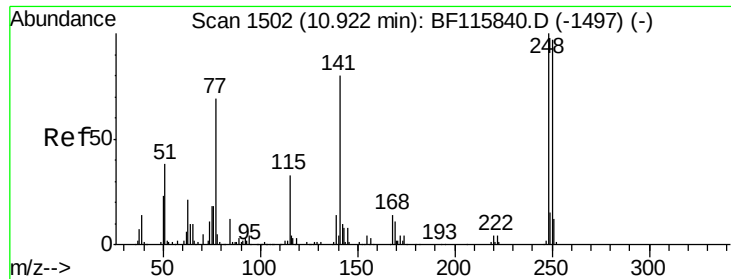
Tot Ion:198 Resp: 116645
 Ion Ratio Lower Upper
 198 100
 51 39.1 17.0 57.0
 105 44.4 21.6 61.6



#66
 n-Nitrosodiphenylamine
 Concen: 42.795 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.02 min
 Lab File: BF116458.D
 Acq: 21 Aug 2019 11:36

Tgt Ion:169 Resp: 639491
 Ion Ratio Lower Upper
 169 100
 168 66.4 53.8 80.6
 167 36.3 29.6 44.4

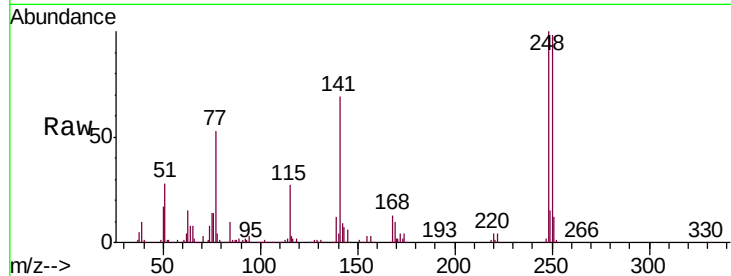




#67
4-Bromophenyl-phenylether
Concen: 40.931 ng
RT: 10.86 min Scan# 1491
Delta R.T. -0.02 min
Lab File: BF116458.D
Acq: 21 Aug 2019 11:36

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.2	77.4	116.2
141	69.3	56.8	85.2

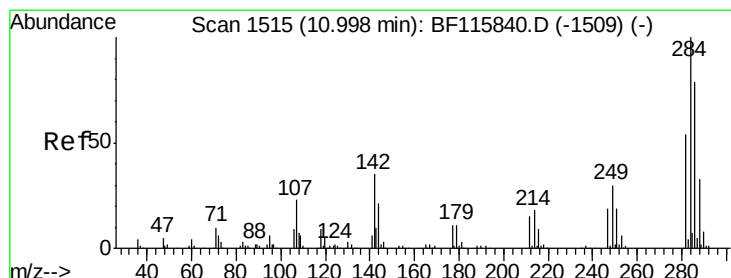
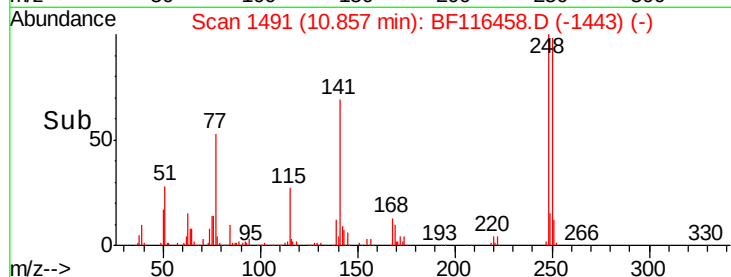
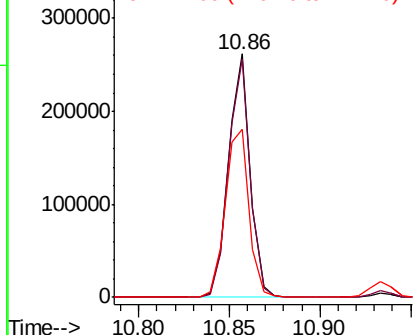


Abundance

Ion 248.00 (247.70 to 248.70): E

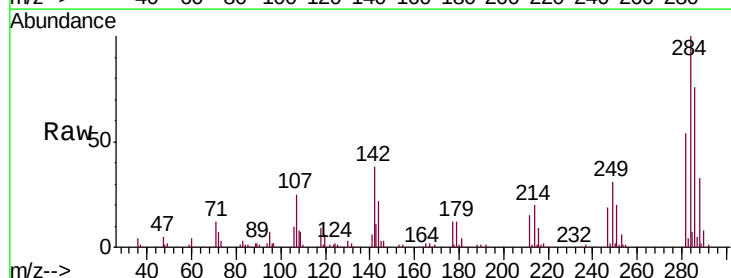
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 40.580 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.02 min
Lab File: BF116458.D
Acq: 21 Aug 2019 11:36

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.4	28.4	42.6
249	30.7	24.5	36.7

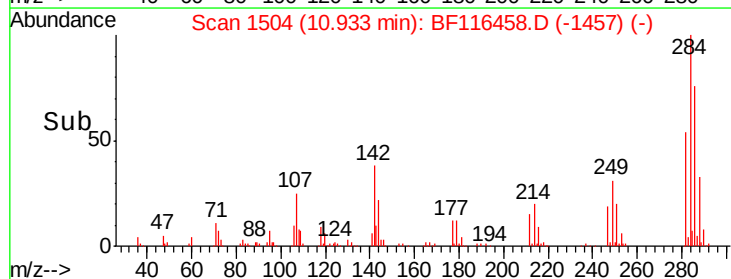
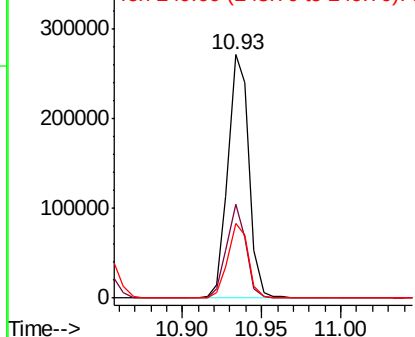


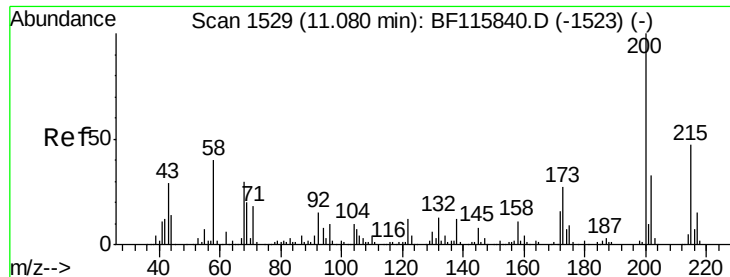
Abundance

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

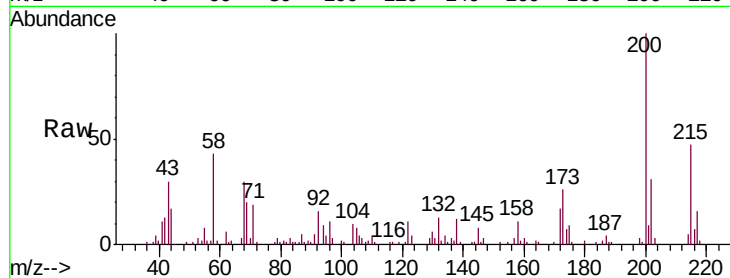




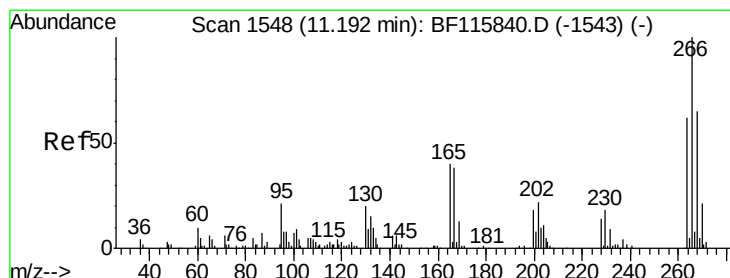
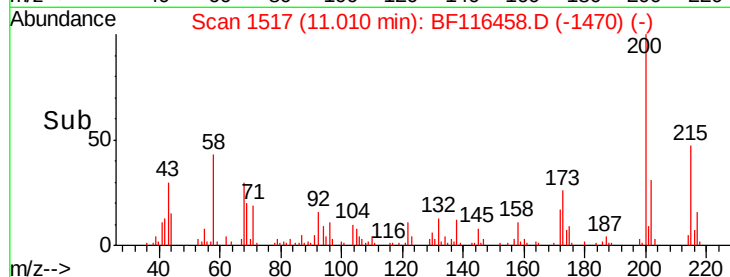
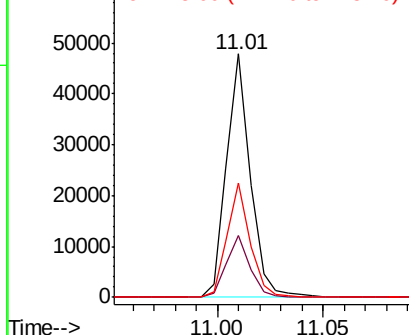
#69
Atrazine
Concen: 7.543 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.02 min
Lab File: BF116458.D
Acq: 21 Aug 2019 11:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 37082
Ion Ratio Lower Upper
200 100
173 25.6 6.8 46.8
215 46.9 27.5 67.5

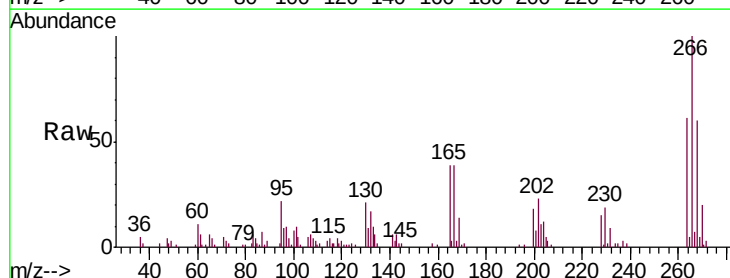


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

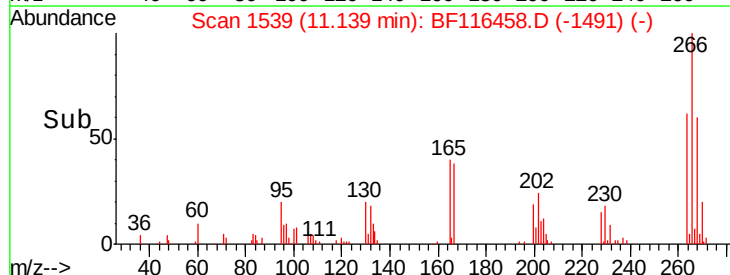
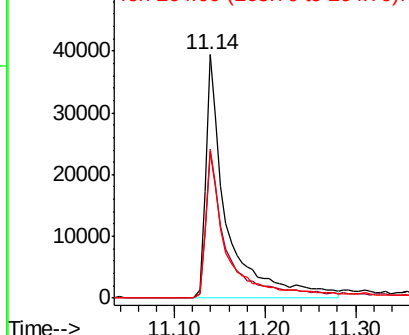


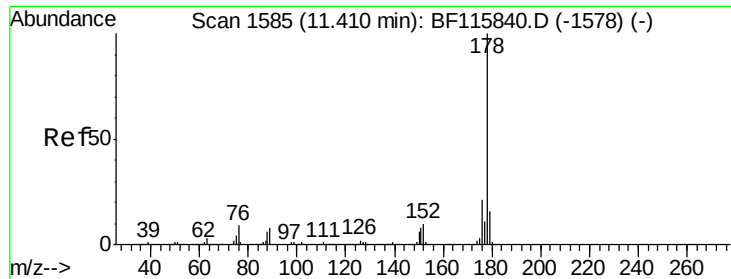
#70
Pentachlorophenol
Concen: 21.433 ng
RT: 11.14 min Scan# 1539
Delta R.T. -0.02 min
Lab File: BF116458.D
Acq: 21 Aug 2019 11:36

Tgt Ion:266 Resp: 63949
Ion Ratio Lower Upper
266 100
268 59.9 48.8 73.2
264 61.3 50.6 76.0



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 42.539 ng

RT: 11.35 min Scan# 1574

Delta R.T. -0.02 min

Lab File: BF116458.D

Acq: 21 Aug 2019 11:36

Instrument :

BNA_F

ClientSampleId :

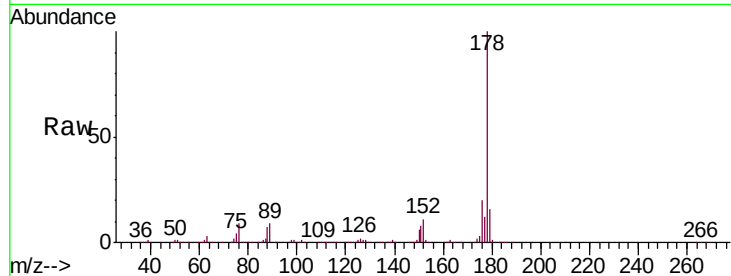
Tot Ion:178 Resp: 1079649

Ion Ratio Lower Upper

178 100

176 20.4 16.6 24.8

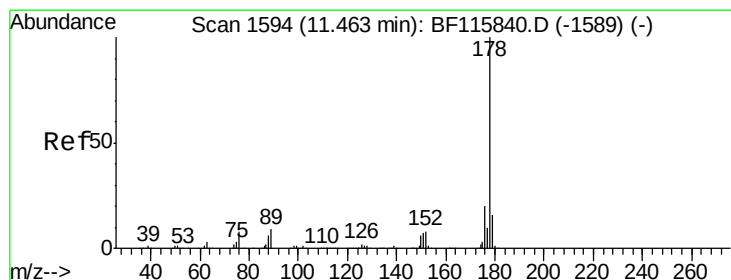
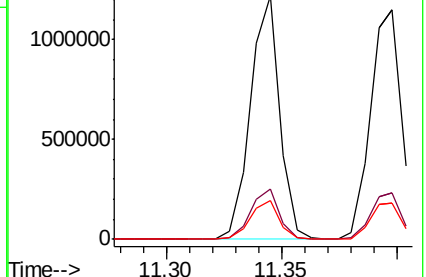
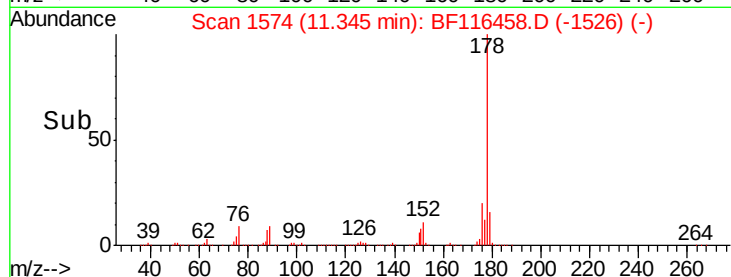
179 15.7 12.5 18.7



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



#72

Anthracene

Concen: 42.829 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.02 min

Lab File: BF116458.D

Acq: 21 Aug 2019 11:36

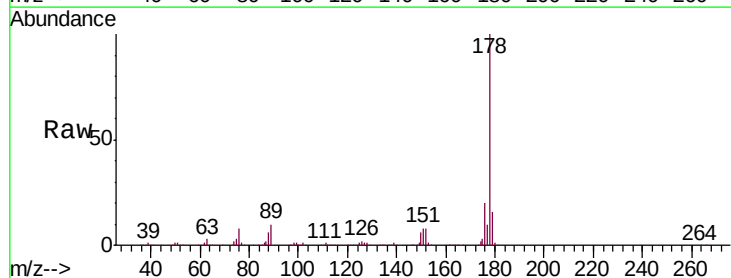
Tgt Ion:178 Resp: 1100120

Ion Ratio Lower Upper

178 100

176 20.1 15.7 23.5

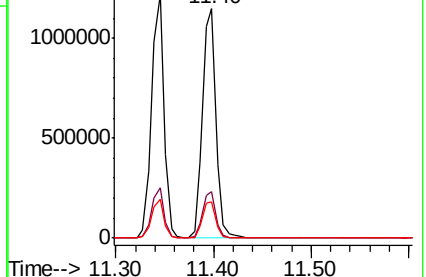
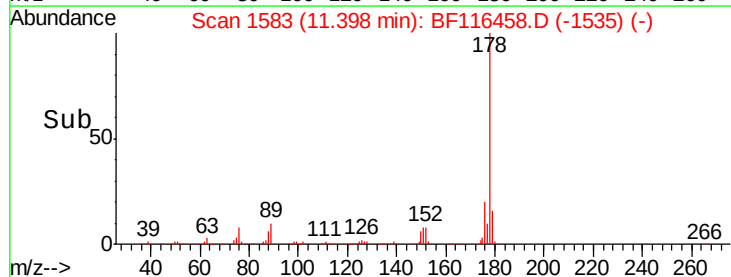
179 15.8 13.0 19.6

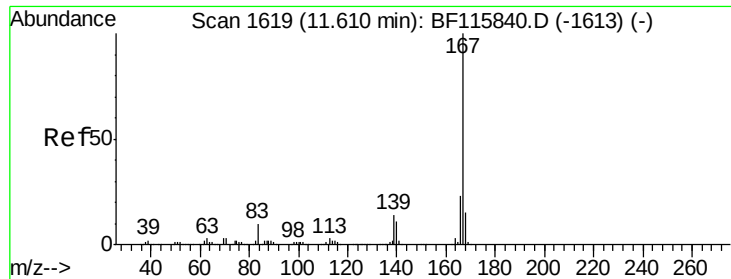


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



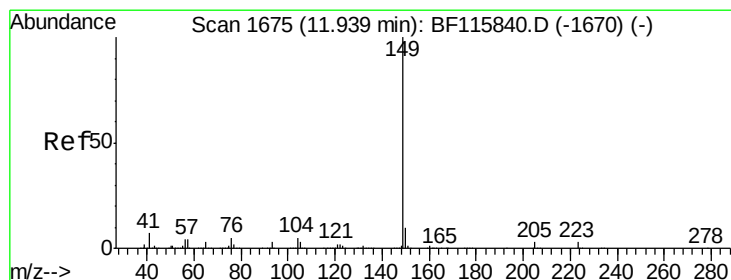
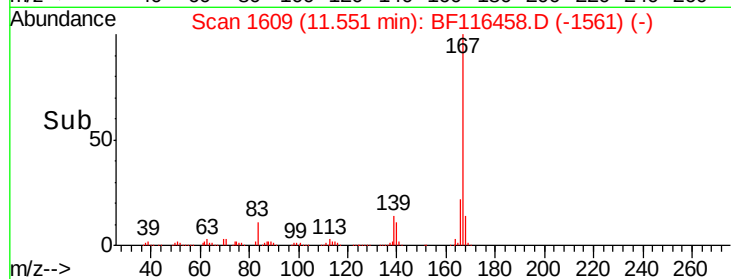
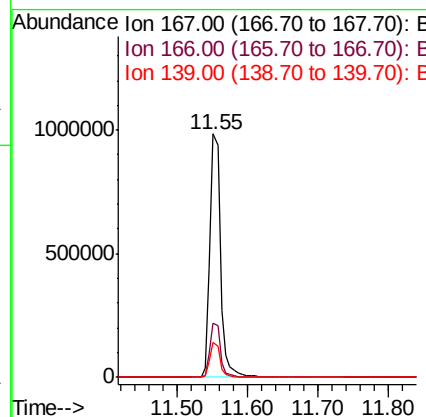
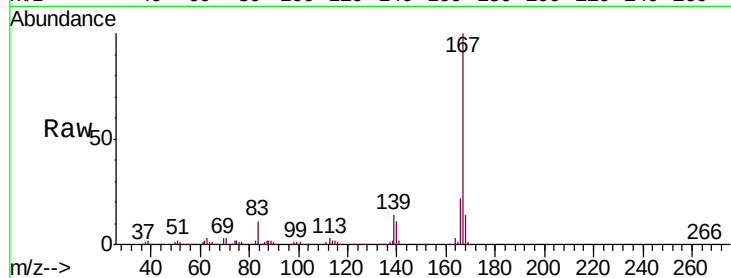


#73
 Carbazole
 Concen: 44.277 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. -0.02 min
 Lab File: BF116458.D
 Acq: 21 Aug 2019 11:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1031813

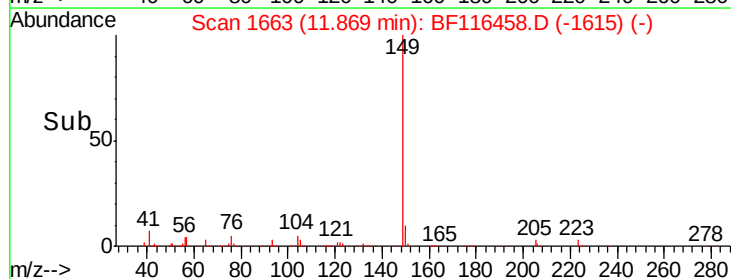
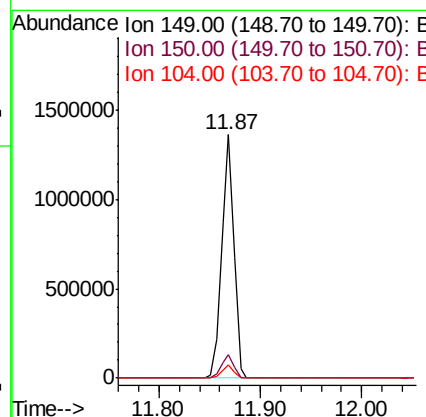
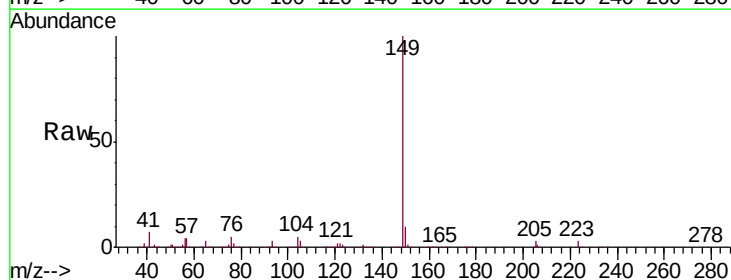
Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.8	26.6
139	14.1	11.4	17.0

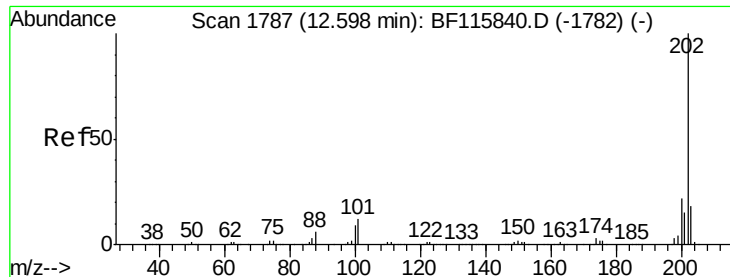


#74
 Di-n-butylphthalate
 Concen: 41.853 ng
 RT: 11.87 min Scan# 1663
 Delta R.T. -0.02 min
 Lab File: BF116458.D
 Acq: 21 Aug 2019 11:36

Tgt Ion:149 Resp: 1137757

Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.0	12.0
104	5.2	4.5	6.7

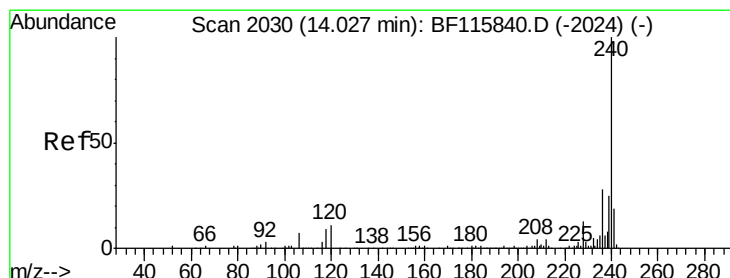
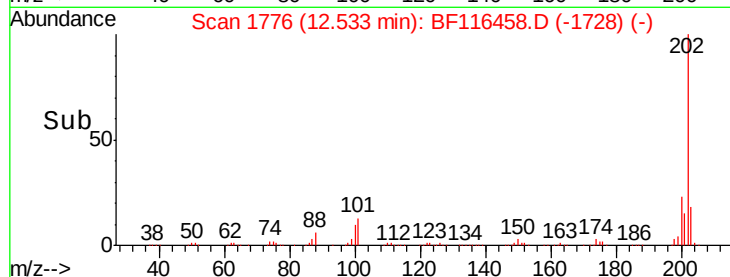
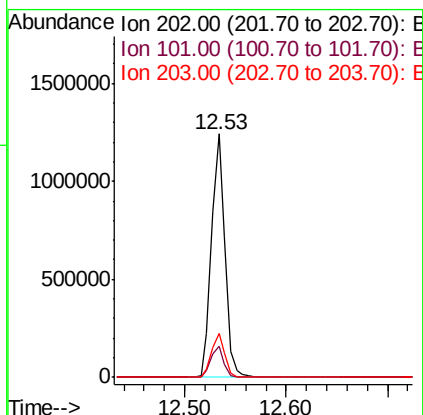
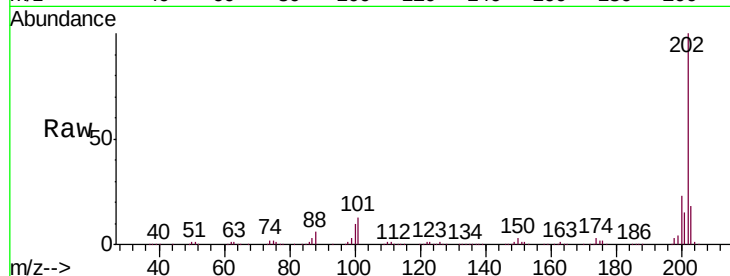




#75
 Fluoranthene
 Concen: 43.101 ng
 RT: 12.53 min Scan# 1776
 Delta R.T. -0.02 min
 Lab File: BF116458.D
 Acq: 21 Aug 2019 11:36

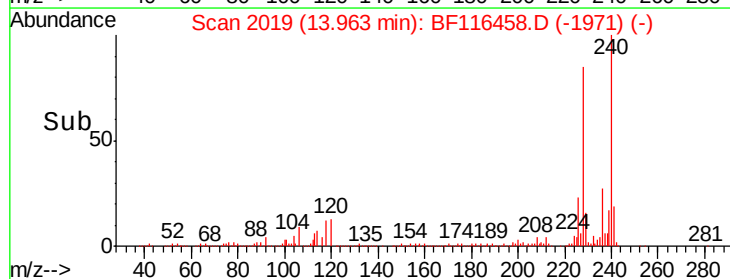
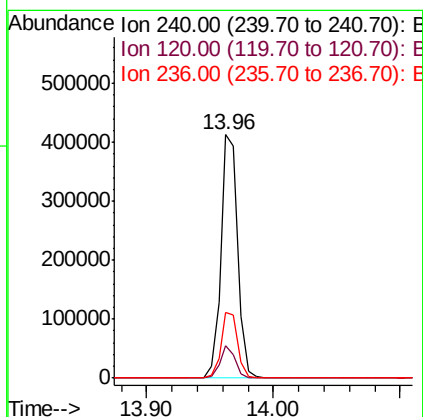
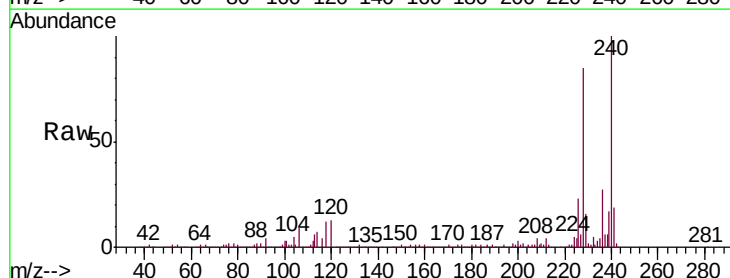
Instrument :
 BNA_F
 ClientSampleId :

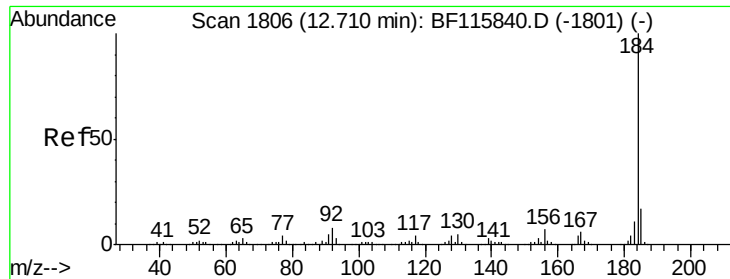
Tot Ion:202 Resp: 1145235
 Ion Ratio Lower Upper
 202 100
 101 12.9 0.0 31.2
 203 18.1 0.0 37.8



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.02 min
 Lab File: BF116458.D
 Acq: 21 Aug 2019 11:36

Tgt Ion:240 Resp: 380296
 Ion Ratio Lower Upper
 240 100
 120 13.1 10.7 16.1
 236 26.8 22.2 33.2

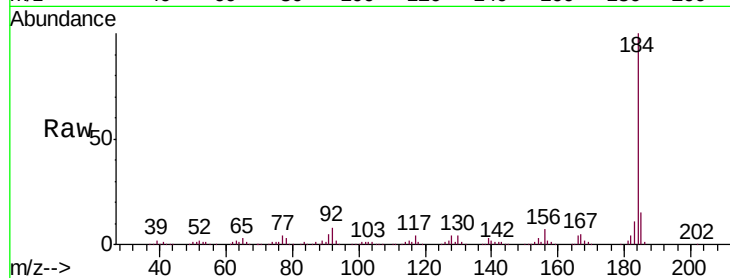




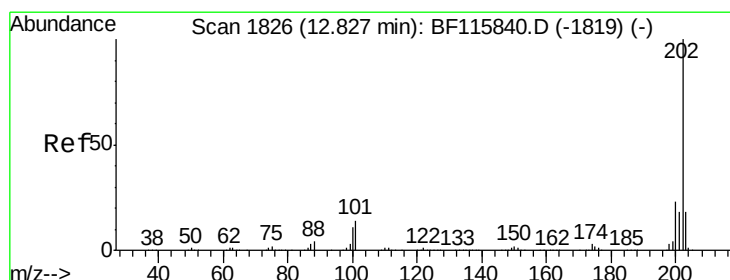
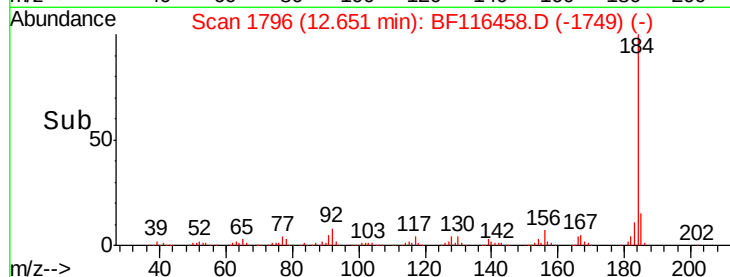
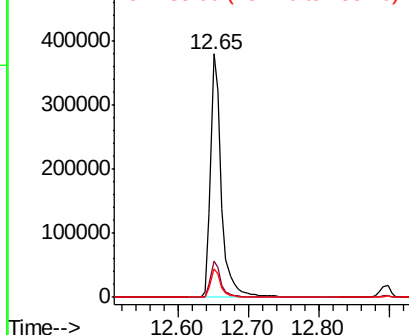
#77
Benzidine
Concen: 31.726 ng
RT: 12.65 min Scan# 1796
Delta R.T. -0.02 min
Lab File: BF116458.D
Acq: 21 Aug 2019 11:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 407622
Ion Ratio Lower Upper
184 100
185 15.1 12.8 19.2
183 11.5 9.4 14.0

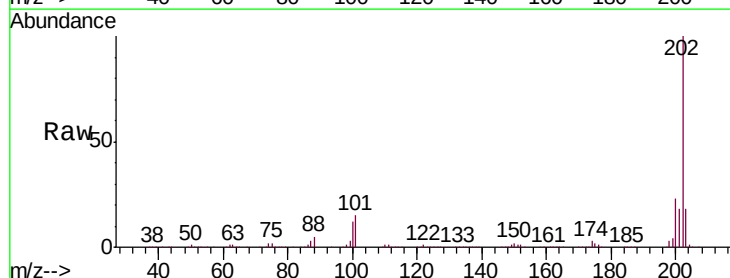


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

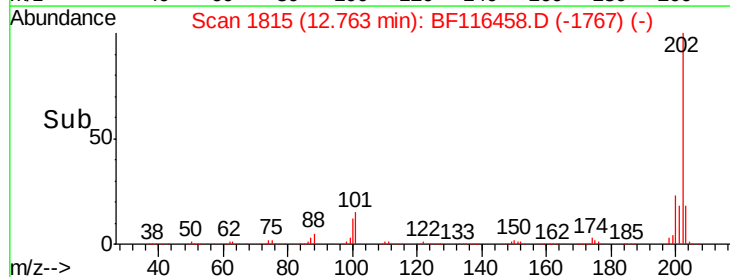
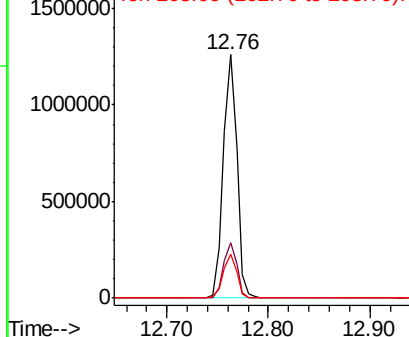


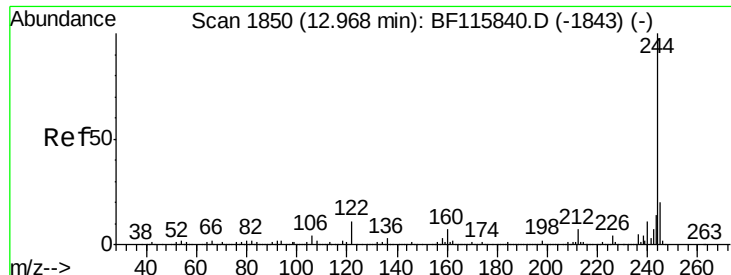
#78
Pyrene
Concen: 41.221 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.02 min
Lab File: BF116458.D
Acq: 21 Aug 2019 11:36

Tgt Ion:202 Resp: 1181692
Ion Ratio Lower Upper
202 100
200 23.0 18.0 27.0
203 18.2 14.1 21.1



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: 79.028 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BF116458.D

Acq: 21 Aug 2019 11:36

Instrument :

BNA_F

ClientSampleId :

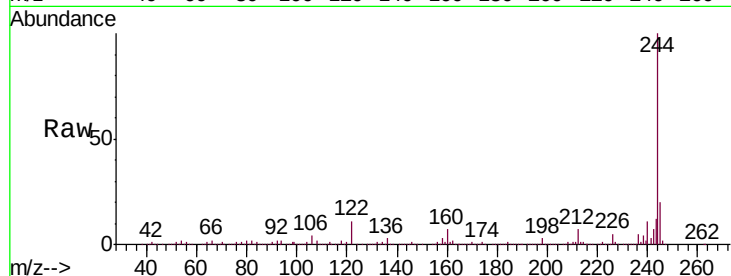
Tot Ion:244 Resp: 1426275

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

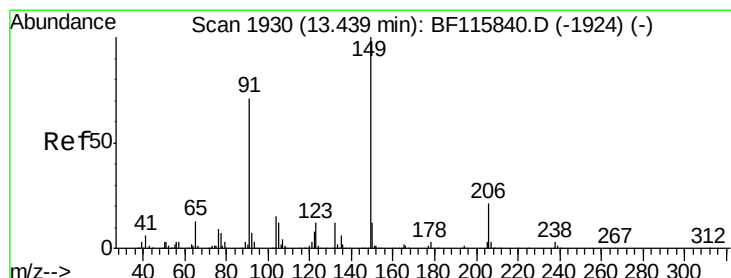
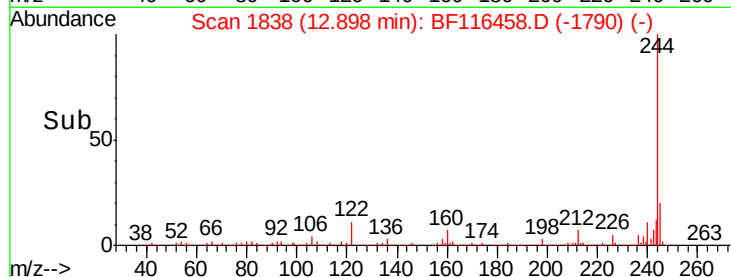
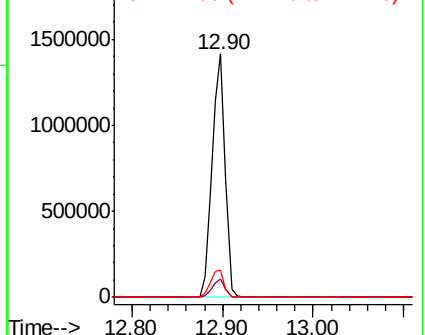
122 11.4 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.357 ng

RT: 13.36 min Scan# 1917

Delta R.T. -0.02 min

Lab File: BF116458.D

Acq: 21 Aug 2019 11:36

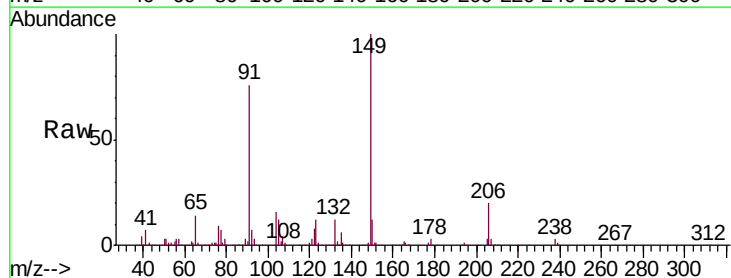
Tgt Ion:149 Resp: 501514

Ion Ratio Lower Upper

149 100

91 75.5 56.3 84.5

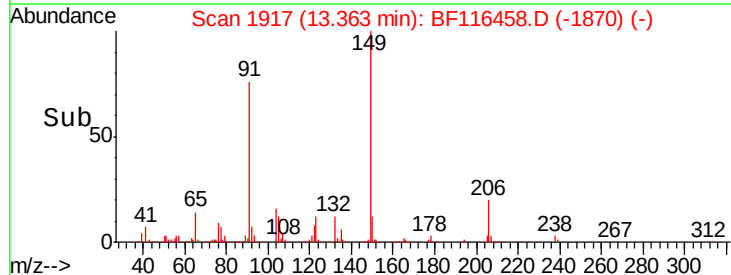
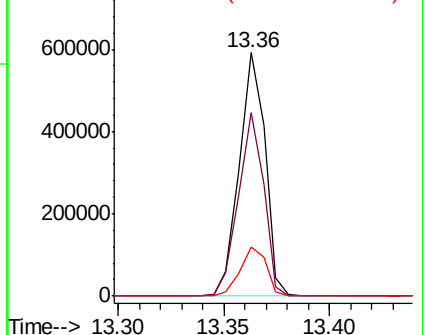
206 20.1 18.0 27.0

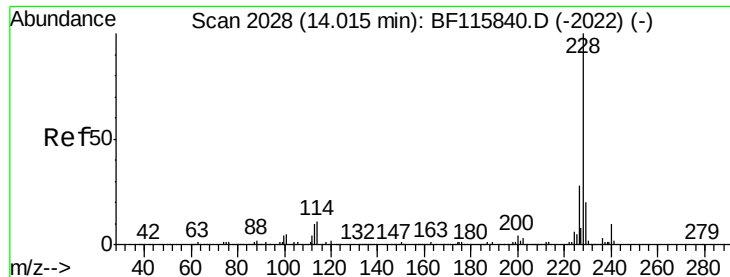


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.078 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.02 min

Lab File: BF116458.D

Acq: 21 Aug 2019 11:36

Instrument :

BNA_F

ClientSampled :

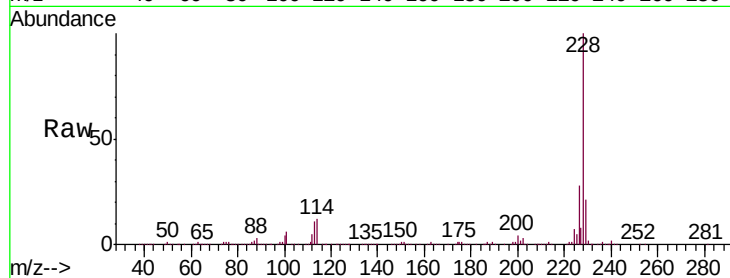
Tot Ion:228 Resp: 1047112

Ion Ratio Lower Upper

228 100

226 28.0 22.7 34.1

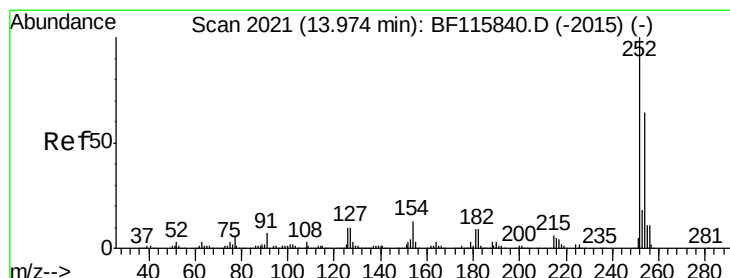
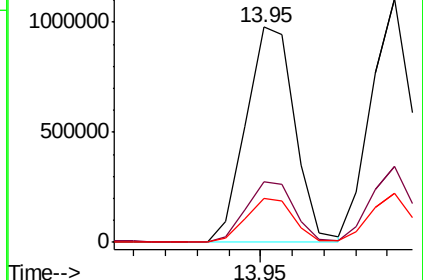
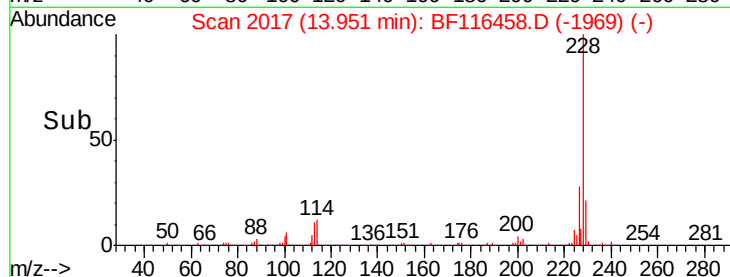
229 20.6 16.2 24.4



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: 42.267 ng

RT: 13.91 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF116458.D

Acq: 21 Aug 2019 11:36

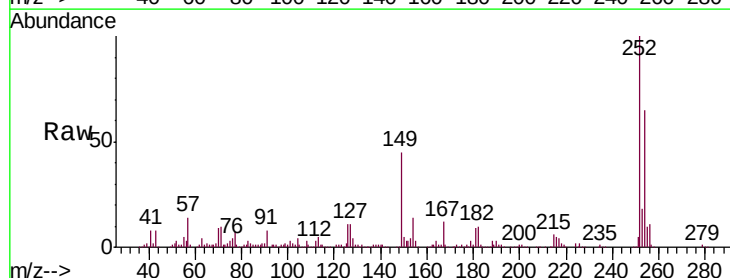
Tgt Ion:252 Resp: 356938

Ion Ratio Lower Upper

252 100

254 64.7 50.9 76.3

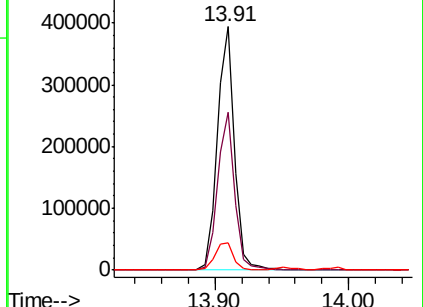
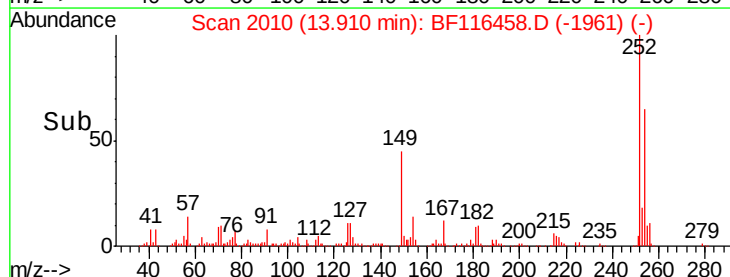
126 11.4 9.8 14.8

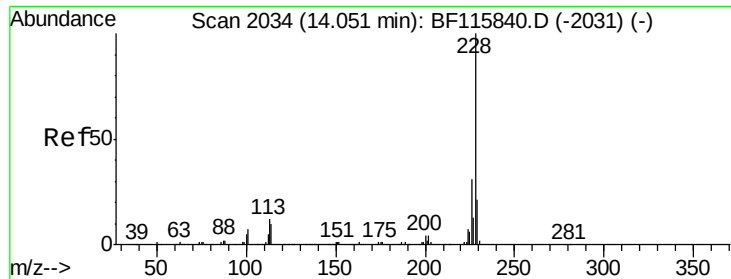


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

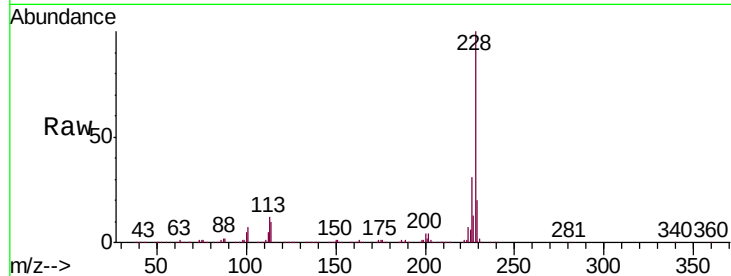




#83
 Chrysene
 Concen: 42.229 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF116458.D
 Acq: 21 Aug 2019 11:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ion	Ratio	Lower	Upper
228	100			
226	31.4	25.5	38.3	
229	20.3	16.6	24.8	

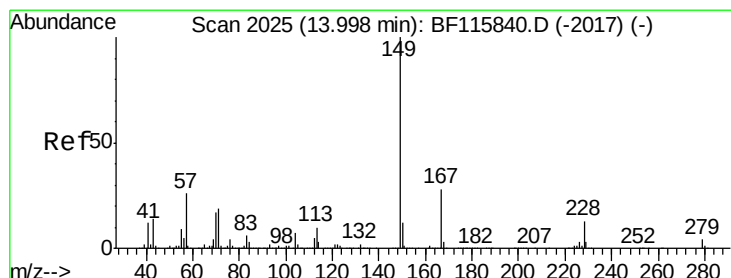
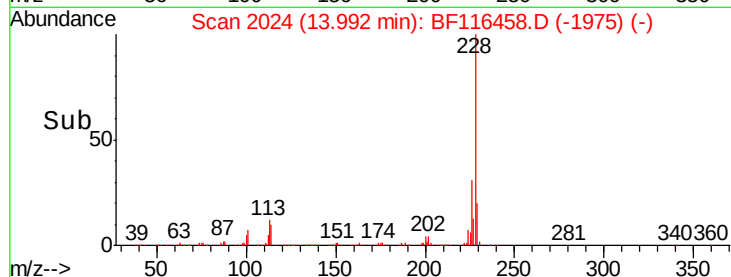
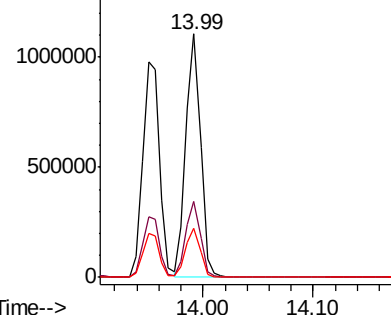


Abundance

Ion 228.00 (227.70 to 228.70): E

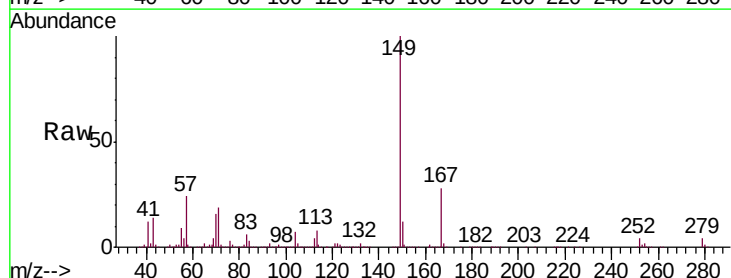
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.829 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. -0.02 min
 Lab File: BF116458.D
 Acq: 21 Aug 2019 11:36

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
167	28.3	21.6	32.4	
279	4.4	3.0	4.4	

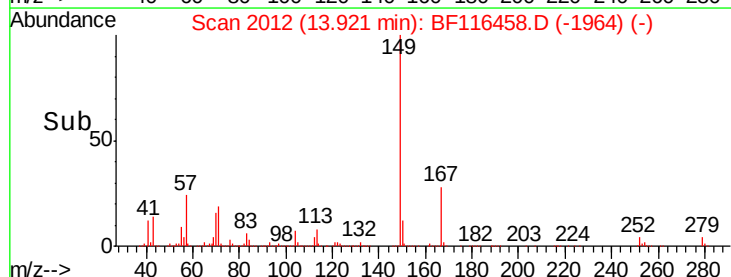
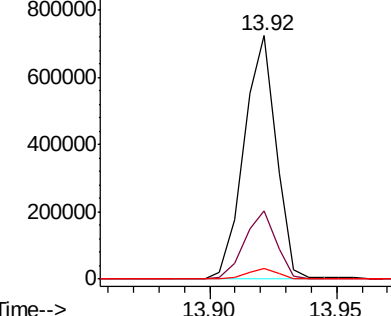


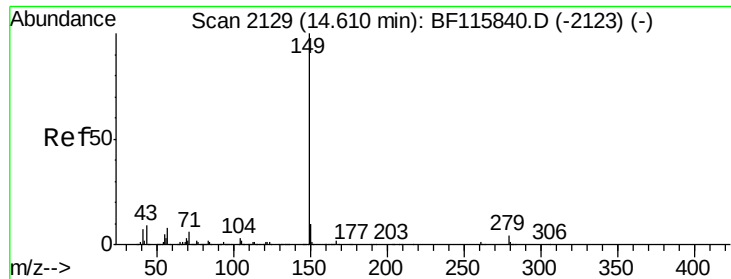
Abundance

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: 41.026 ng

RT: 14.53 min Scan# 2115

Delta R.T. -0.02 min

Lab File: BF116458.D

Acq: 21 Aug 2019 11:36

Instrument :

BNA_F

ClientSampled :

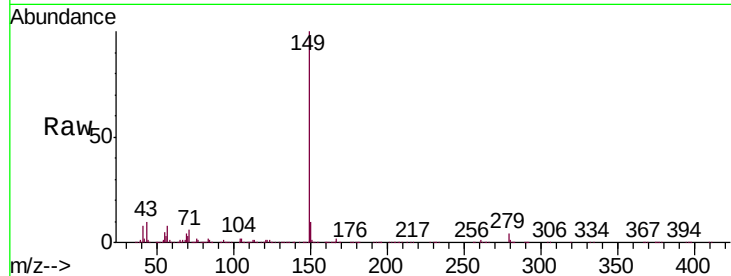
Tot Ion:149 Resp: 1026853

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

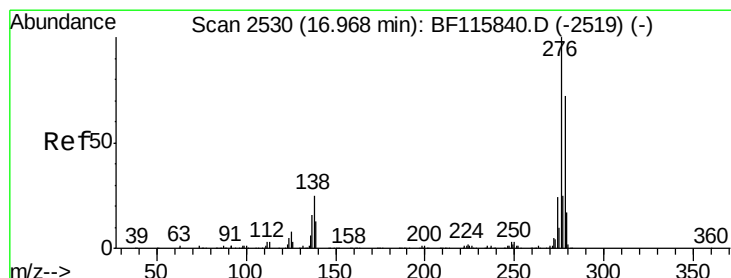
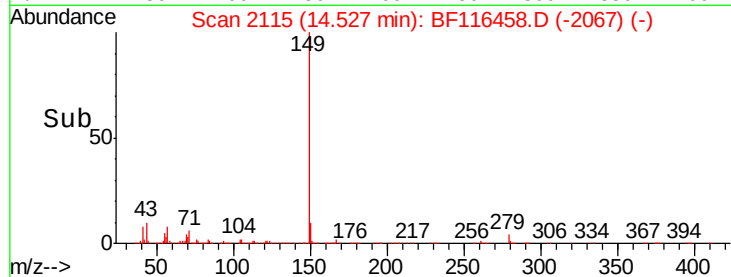
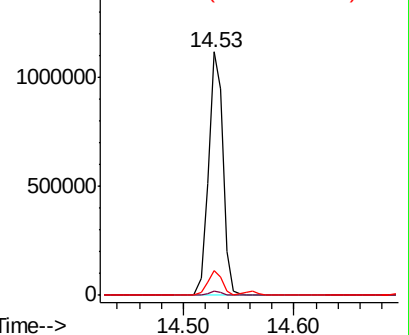
43 9.9 7.5 11.3



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: 41.585 ng

RT: 16.88 min Scan# 2515

Delta R.T. -0.02 min

Lab File: BF116458.D

Acq: 21 Aug 2019 11:36

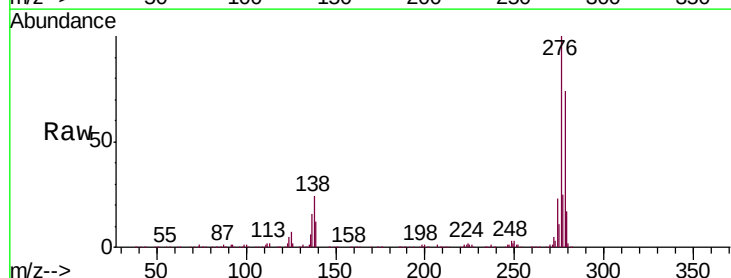
Tgt Ion:276 Resp: 824233

Ion Ratio Lower Upper

276 100

138 25.4 20.4 30.6

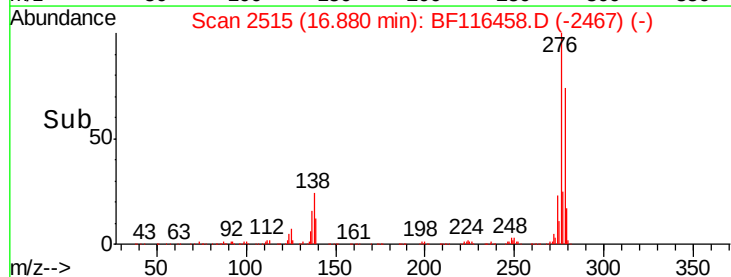
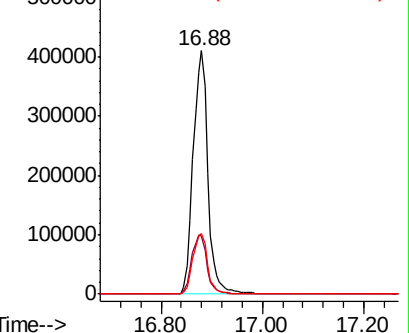
277 25.1 20.0 30.0

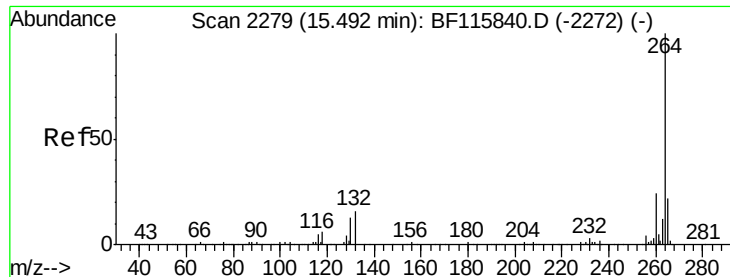


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



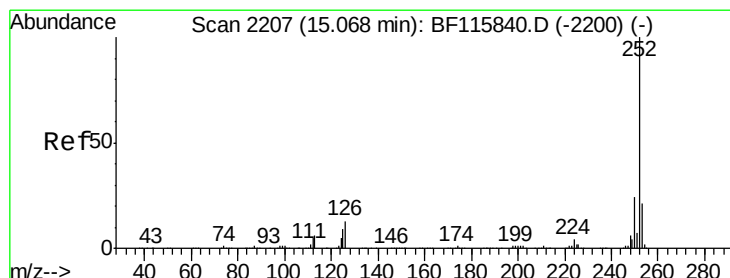
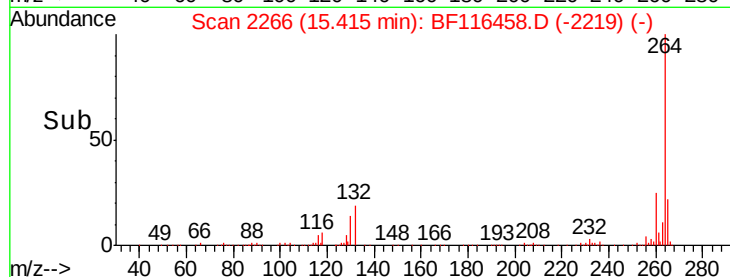
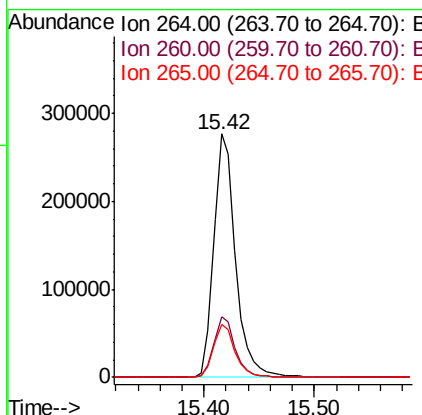
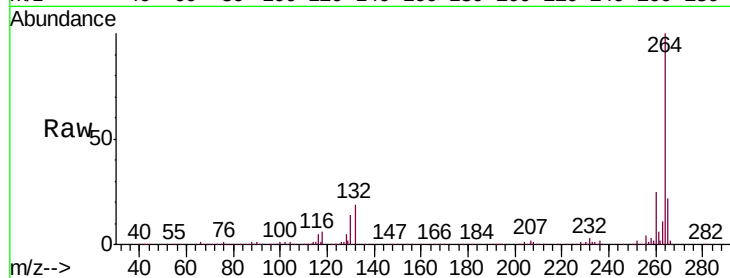


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.02 min
Lab File: BF116458.D
Acq: 21 Aug 2019 11:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 375675

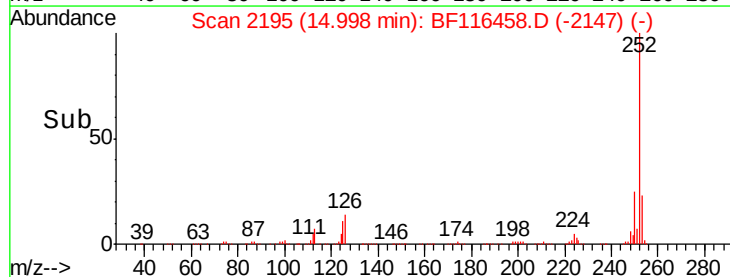
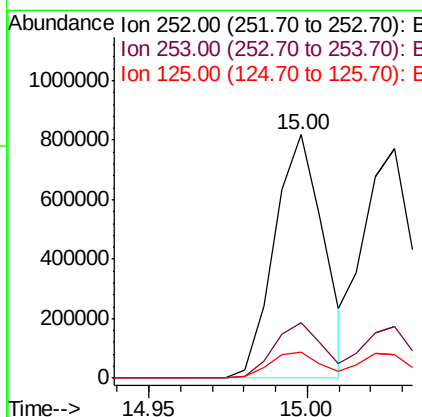
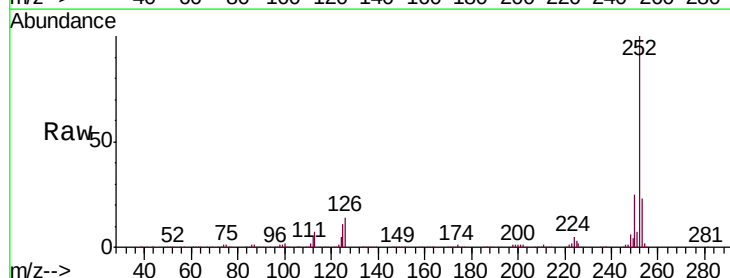
Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.7	29.5
265	21.9	17.4	26.0

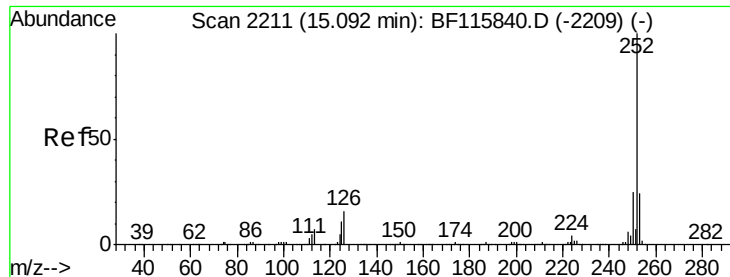


#88
Benzo(b)fluoranthene
Concen: 40.788 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.02 min
Lab File: BF116458.D
Acq: 21 Aug 2019 11:36

Tgt Ion:252 Resp: 886004

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	10.9	8.4	12.6





#89

Benzo(k)fluoranthene

Concen: 41.569 ng

RT: 15.03 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BF116458.D

Acq: 21 Aug 2019 11:36

Instrument :

BNA_F

ClientSampleId :

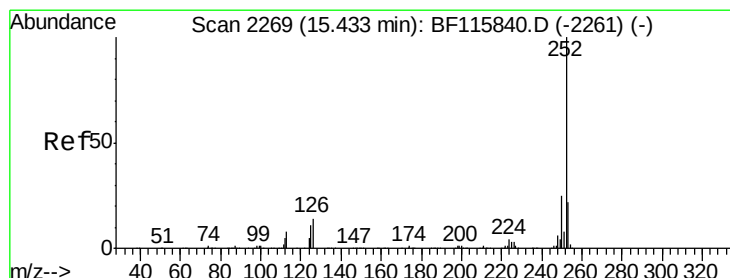
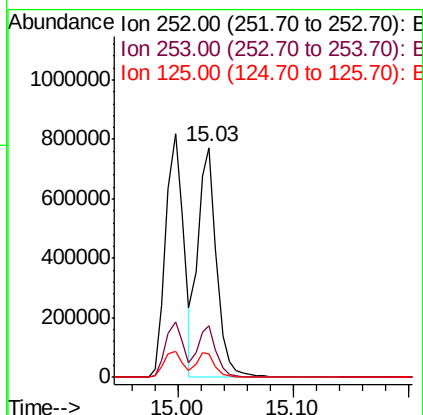
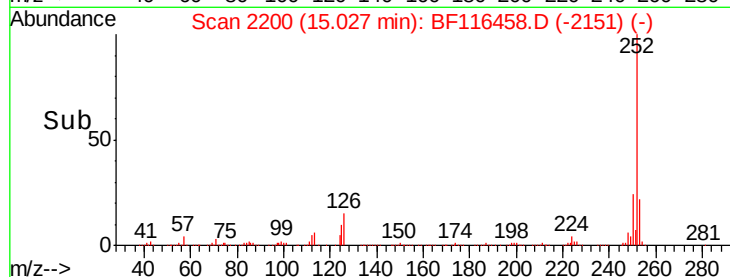
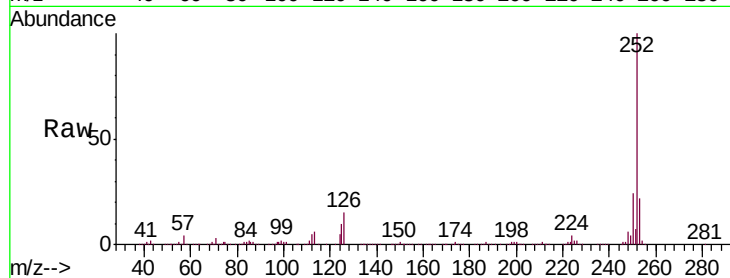
Tot Ion:252 Resp: 879485

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

125 10.3 7.7 11.5



#90

Benzo(a)pyrene

Concen: 41.736 ng

RT: 15.36 min Scan# 2256

Delta R.T. -0.02 min

Lab File: BF116458.D

Acq: 21 Aug 2019 11:36

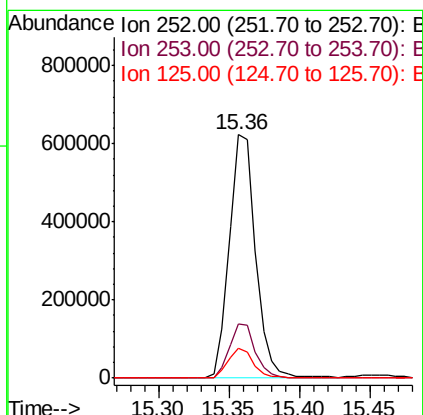
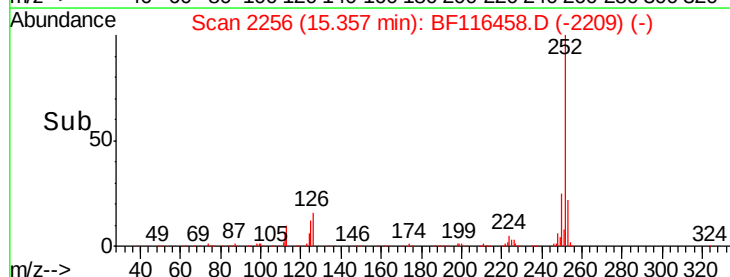
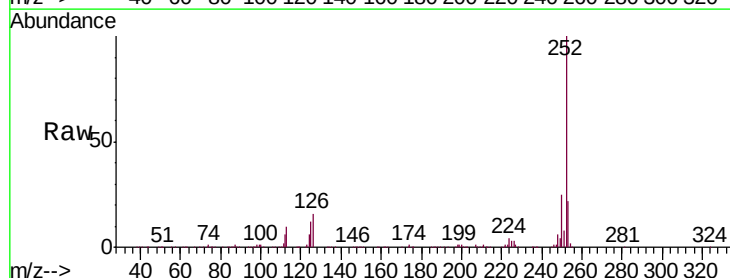
Tgt Ion:252 Resp: 810422

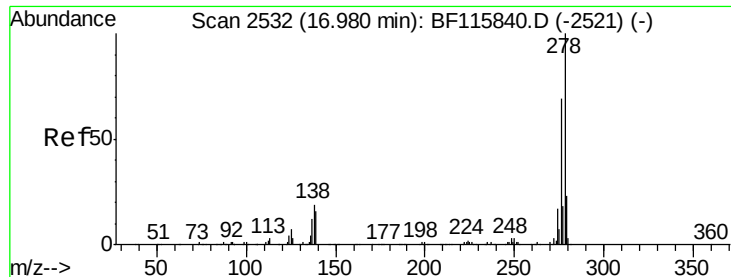
Ion Ratio Lower Upper

252 100

253 22.4 18.0 27.0

125 12.3 8.9 13.3

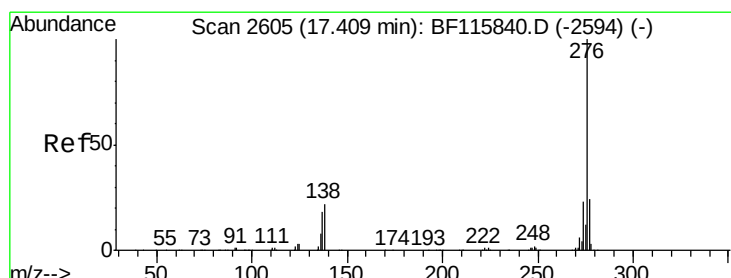
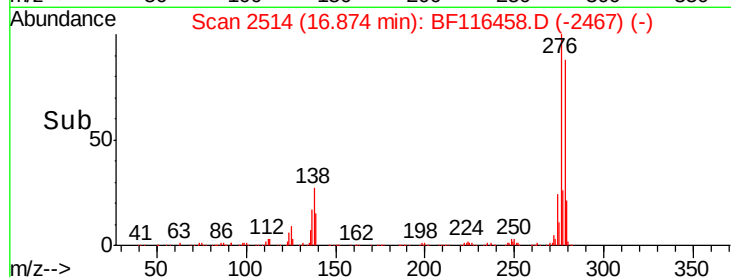
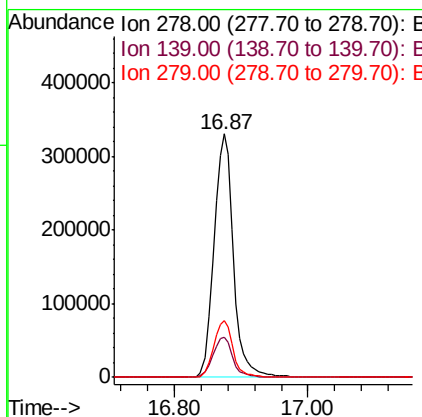
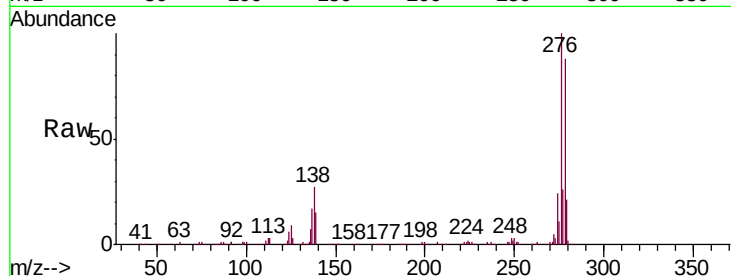




#91
Dibenzo(a,h)anthracene
Concen: 40.225 ng
RT: 16.87 min Scan# 2514
Delta R.T. -0.02 min
Lab File: BF116458.D
Acq: 21 Aug 2019 11:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.6	12.8	19.2
279	23.2	18.8	28.2



#92
Benzo(g,h,i)perylene
Concen: 40.283 ng
RT: 17.32 min Scan# 2589
Delta R.T. -0.02 min
Lab File: BF116458.D
Acq: 21 Aug 2019 11:36

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.4	27.6
138	21.9	17.0	25.6

