

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070219\
 Data File : BF115350.D
 Acq On : 2 Jul 2019 8:23
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 02 11:58:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 05:26:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	215897	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	867947	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	418867	20.00	ng	0.01
64) Phenanthrene-d10	11.11	188	822293	20.00	ng	0.01
76) Chrysene-d12	13.73	240	539056	20.00	ng	0.01
87) Perylene-d12	15.09	264	719341	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.20	112	1017376	72.72	ng	0.00
7) Phenol-d6	6.25	99	1222778	72.01	ng	0.01
23) Nitrobenzene-d5	7.17	82	1088739	77.16	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	370923	83.97	ng	0.01
45) 2-Fluorobiphenyl	8.97	172	1952368	79.17	ng	0.00
79) Terphenyl-d14	12.69	244	2176722	85.85	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.17	88	230457	34.903	ng	98
3) Pyridine	2.82	79	643465	34.576	ng	98
4) n-Nitrosodimethylamine	2.77	42	237743	32.587	ng	98
6) Aniline	6.27	93	788066	33.767	ng	# 51
8) 2-Chlorophenol	6.39	128	593572	37.731	ng	100
9) Benzaldehyde	6.15	77	379339	34.241	ng	98
10) Phenol	6.27	94	683196	34.347	ng	# 75
11) bis(2-Chloroethyl)ether	6.35	93	538353	36.716	ng	98
12) 1,3-Dichlorobenzene	6.55	146	662850	37.966	ng	98
13) 1,4-Dichlorobenzene	6.62	146	667418	38.122	ng	99
14) 1,2-Dichlorobenzene	6.78	146	619330	38.199	ng	98
15) Benzyl Alcohol	6.75	79	328079	26.533	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.90	45	757562	35.623	ng	92
17) 2-Methylphenol	6.87	107	522910	40.270	ng	98
18) Hexachloroethane	7.12	117	240186	38.054	ng	99
19) n-Nitroso-di-n-propylamine	7.03	70	366556	33.717	ng	98
20) 3+4-Methylphenols	7.02	107	581202	38.763	ng	95
22) Acetophenone	7.02	105	769576	38.730	ng	94
24) Nitrobenzene	7.19	77	594188	38.226	ng	99
25) Isophorone	7.43	82	1025348	35.475	ng	99
26) 2-Nitrophenol	7.51	139	330216	43.017	ng	97
27) 2,4-Dimethylphenol	7.55	122	460250	36.619	ng	99
28) bis(2-Chloroethoxy)methane	7.65	93	681499	37.305	ng	100
29) 2,4-Dichlorophenol	7.75	162	509564	39.286	ng	100
30) 1,2,4-Trichlorobenzene	7.83	180	565951	39.503	ng	100
31) Naphthalene	7.91	128	1644202	38.591	ng	99
32) Benzoic acid	7.69	122	306139	34.124	ng	100
33) 4-Chloroaniline	7.96	127	737663	37.884	ng	100
34) Hexachlorobutadiene	8.04	225	317546	40.445	ng	99
35) Caprolactam	8.34	113	158343	36.311	ng	97
36) 4-Chloro-3-methylphenol	8.45	107	510501	38.864	ng	99
37) 2-Methylnaphthalene	8.60	142	1096437	38.168	ng	99
38) 1-Methylnaphthalene	8.70	142	1050422	38.286	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	489738	41.375	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	237640	33.859	ng	98
43) 2,4,6-Trichlorophenol	8.88	196	354925	38.840	ng	99
44) 2,4,5-Trichlorophenol	8.92	196	389078	41.345	ng	99
46) 1,1'-Biphenyl	9.07	154	1278763	38.155	ng	98
47) 2-Chloronaphthalene	9.08	162	1072424	39.448	ng	98
48) 2-Nitroaniline	9.18	65	320094	40.386	ng	97
49) Acenaphthylene	9.50	152	1639592	38.709	ng	99
50) Dimethylphthalate	9.37	163	1230205	39.920	ng	98
51) 2,6-Dinitrotoluene	9.42	165	281623	39.583	ng	96
52) Acenaphthene	9.67	154	954656	36.018	ng	99
53) 3-Nitroaniline	9.59	138	333680	38.432	ng	100
54) 2,4-Dinitrophenol	9.70	184	137755	41.517	ng	91
55) Dibenzofuran	9.84	168	1420701	37.346	ng	99
56) 4-Nitrophenol	9.76	139	240890	34.608	ng	90
57) 2,4-Dinitrotoluene	9.82	165	369779	40.252	ng	94
58) Fluorene	10.18	166	1009067	38.955	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.96	232	329114	41.708	ng	96
60) Diethylphthalate	10.07	149	1177205	38.002	ng	99
61) 4-Chlorophenyl-phenylether	10.18	204	496751	40.607	ng	100
62) 4-Nitroaniline	10.20	138	345286	39.643	ng	97
63) Azobenzene	10.34	77	1070938	37.013	ng	100
65) 4,6-Dinitro-2-methylphenol	10.24	198	180489	41.949	ng	96
66) n-Nitrosodiphenylamine	10.30	169	970734	37.892	ng	100
67) 4-Bromophenyl-phenylether	10.66	248	352497	39.538	ng	98
68) Hexachlorobenzene	10.73	284	383599	39.640	ng	98
69) Atrazine	10.82	200	322556	39.141	ng	99
70) Pentachlorophenol	10.92	266	229739	37.265	ng	96
71) Phenanthrene	11.13	178	1638576	37.010	ng	99
72) Anthracene	11.18	178	1671917	37.411	ng	99
73) Carbazole	11.34	167	1533722	38.432	ng	100
74) Di-n-butylphthalate	11.68	149	1815501	39.369	ng	99
75) Fluoranthene	12.31	202	1729914	39.162	ng	98
77) Benzidine	12.44	184	931340	38.909	ng	99
78) Pyrene	12.54	202	1740498	42.014	ng	99
80) Butylbenzylphthalate	13.17	149	821033	44.909	ng	97
81) Benzo(a)anthracene	13.72	228	1612161	41.680	ng	100
82) 3,3'-Dichlorobenzidine	13.69	252	624372	44.701	ng	98
83) Chrysene	13.76	228	1563465	44.127	ng	100
84) Bis(2-ethylhexyl)phthalate	13.74	149	1027673	42.900	ng	100
85) Di-n-octyl phthalate	14.34	149	1847159	45.893	ng	99
86) Indeno(1,2,3-cd)pyrene	16.38	276	1870198	44.608	ng	98
88) Benzo(b)fluoranthene	14.72	252	1654973	36.872	ng	99
89) Benzo(k)fluoranthene	14.75	252	1559650	38.747	ng	97
90) Benzo(a)pyrene	15.05	252	1557235	38.493	ng	98
91) Dibenzo(a,h)anthracene	16.40	278	1486972	39.372	ng	98
92) Benzo(g,h,i)perylene	16.77	276	1543396	40.376	ng	99

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

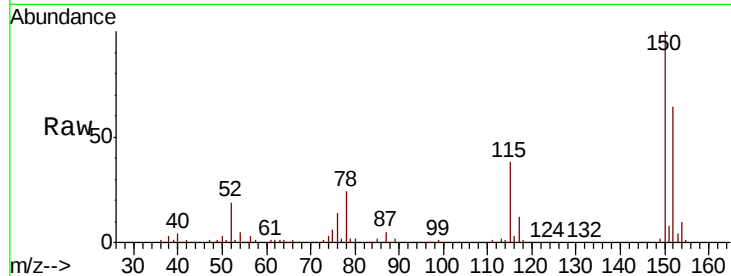


#1

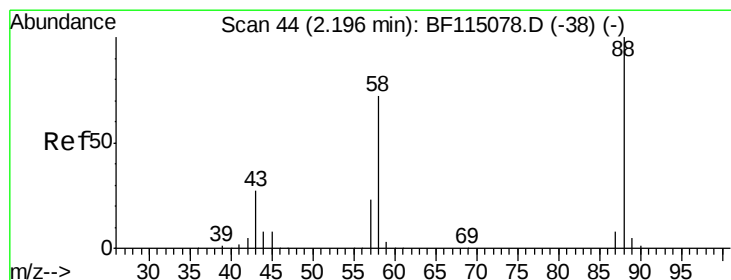
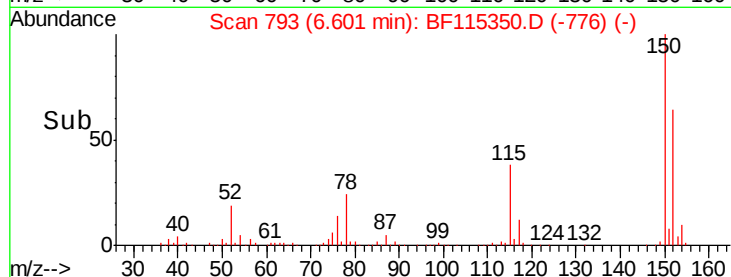
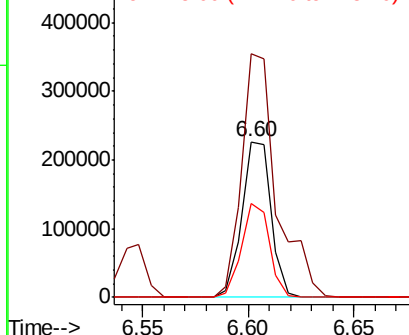
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.60 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF115350.D
 Acq: 2 Jul 2019 8:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.2	186.2
115	60.2	46.1	69.1



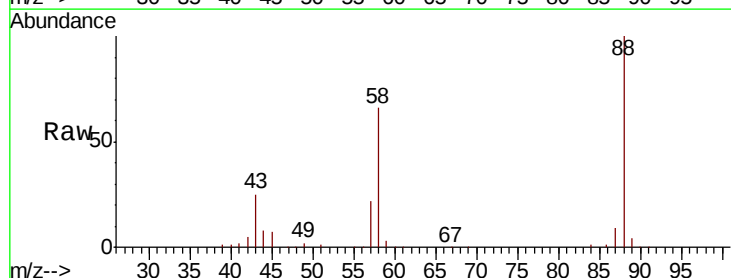
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



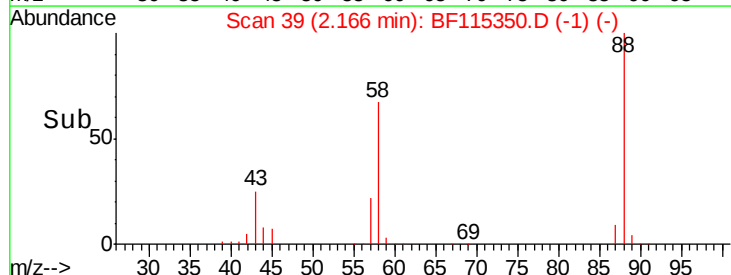
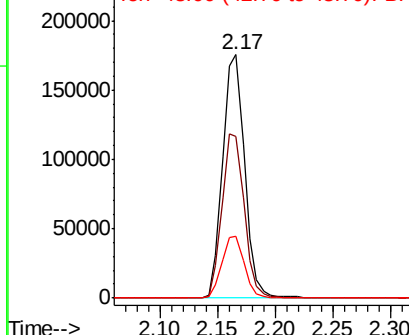
#2

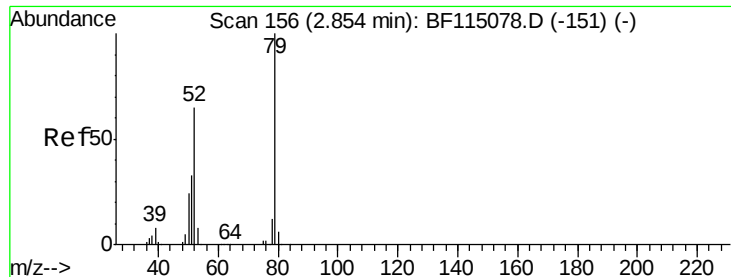
1,4-Dioxane
 Concen: 34.903 ng
 RT: 2.17 min Scan# 39
 Delta R.T. 0.01 min
 Lab File: BF115350.D
 Acq: 2 Jul 2019 8:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.5	56.1	84.1
43	26.3	21.3	31.9



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: 34.576 ng

RT: 2.82 min Scan# 150

Delta R.T. 0.02 min

Lab File: BF115350.D

Acq: 2 Jul 2019 8:23

Instrument :

BNA_F

ClientSampleId :

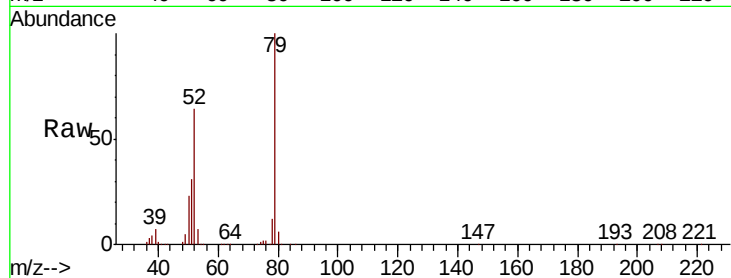
Tot Ion: 79 Resp: 643465

Ion Ratio Lower Upper

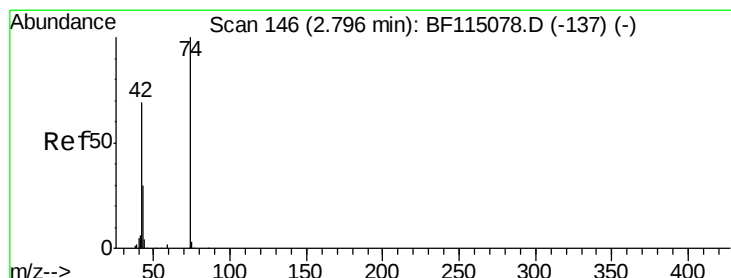
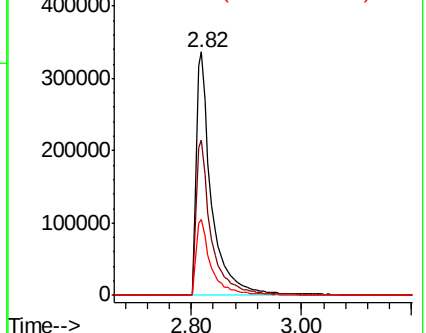
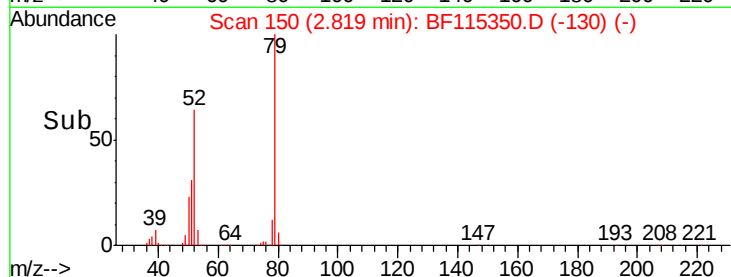
79 100

52 63.6 52.3 78.5

51 31.2 26.1 39.1



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



#4

n-Nitrosodimethylamine

Concen: 32.587 ng

RT: 2.77 min Scan# 141

Delta R.T. 0.02 min

Lab File: BF115350.D

Acq: 2 Jul 2019 8:23

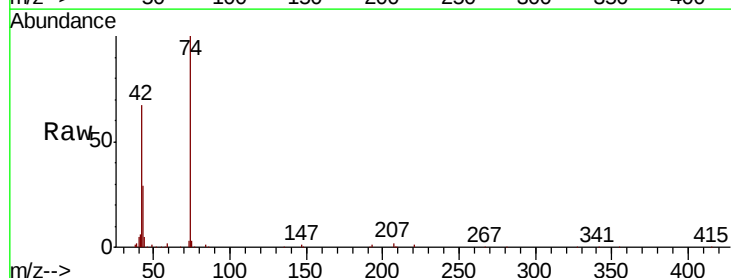
Tgt Ion: 42 Resp: 237743

Ion Ratio Lower Upper

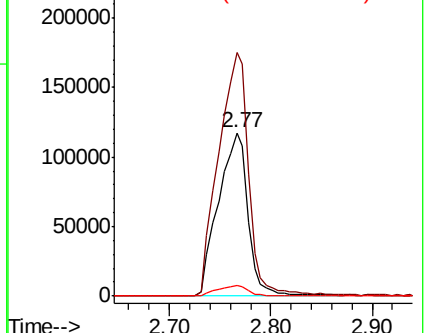
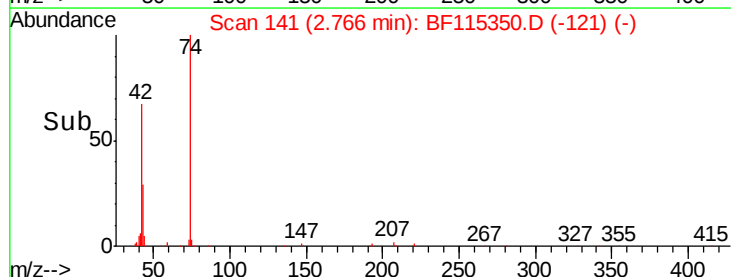
42 100

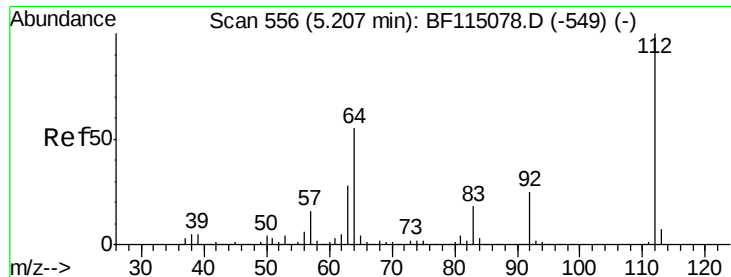
74 148.9 116.6 175.0

44 6.8 5.3 7.9



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: 72.719 ng

RT: 5.20 min Scan# 554

Delta R.T. 0.01 min

Lab File: BF115350.D

Acq: 2 Jul 2019 8:23

Instrument :

BNA_F

ClientSampled :

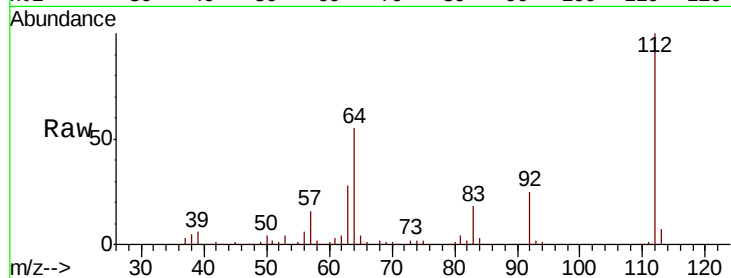
Tot Ion:112 Resp: 1017376

Ion Ratio Lower Upper

112 100

64 55.2 43.8 65.6

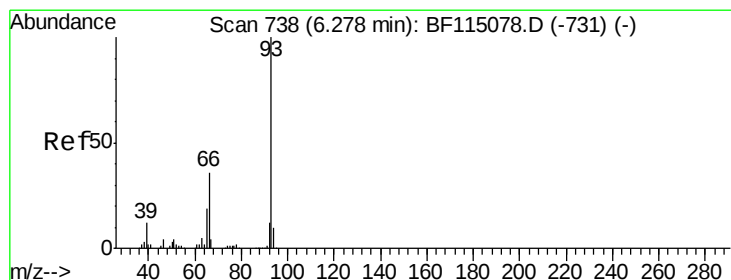
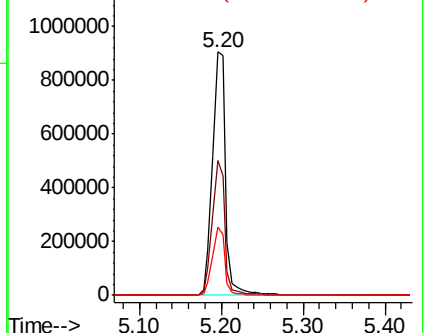
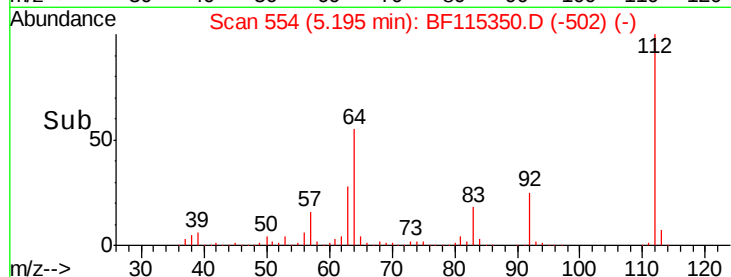
63 27.9 22.2 33.4



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: 33.767 ng

RT: 6.27 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF115350.D

Acq: 2 Jul 2019 8:23

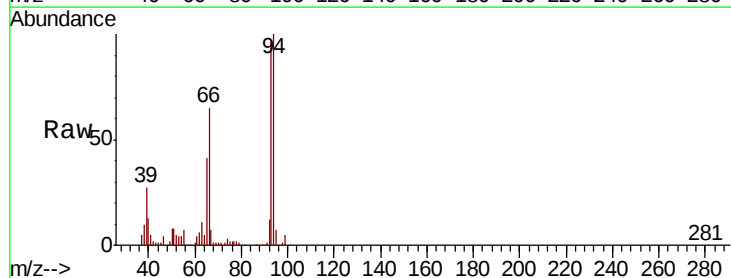
Tgt Ion: 93 Resp: 788066

Ion Ratio Lower Upper

93 100

66 67.2 30.0 45.0#

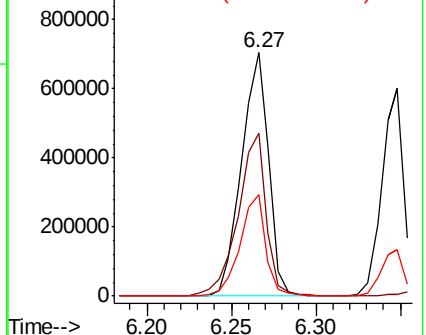
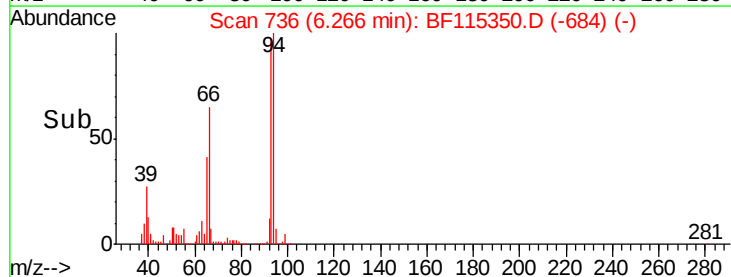
65 41.9 15.6 23.4#

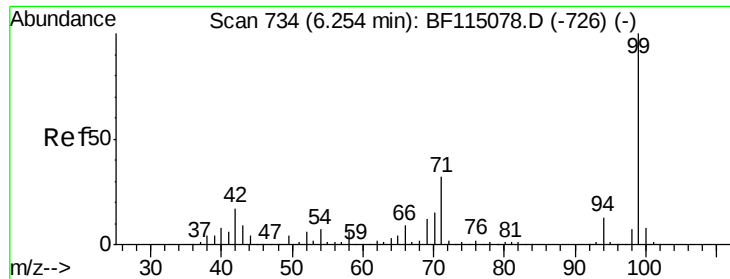


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 72.008 ng

RT: 6.25 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF115350.D

Acq: 2 Jul 2019 8:23

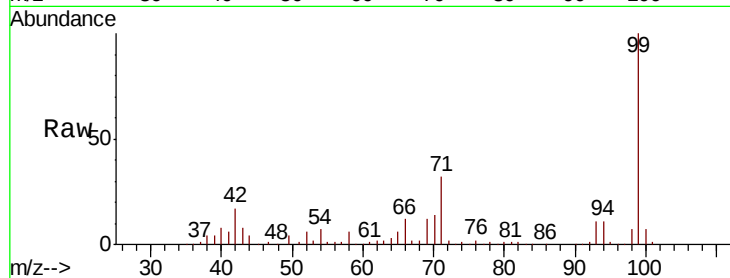
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1222778

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.6	20.4
71	31.8	25.5	38.3

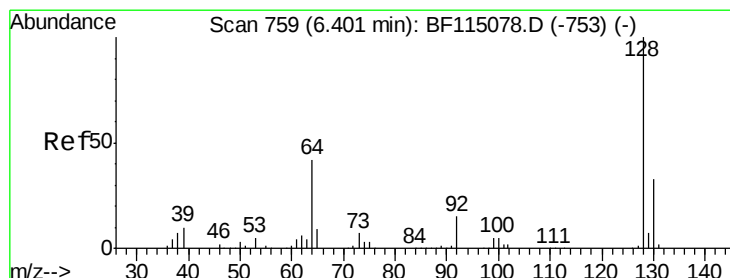
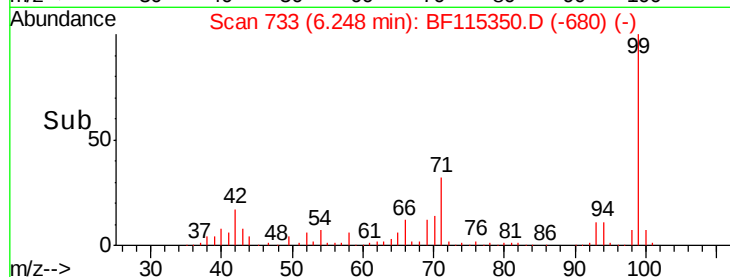
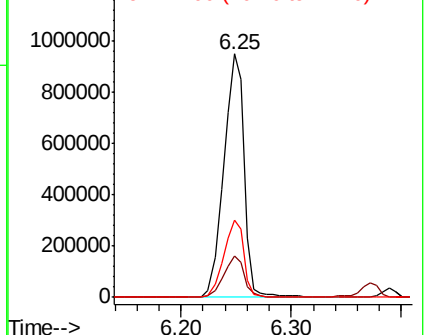


Abundance

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: 37.731 ng

RT: 6.39 min Scan# 757

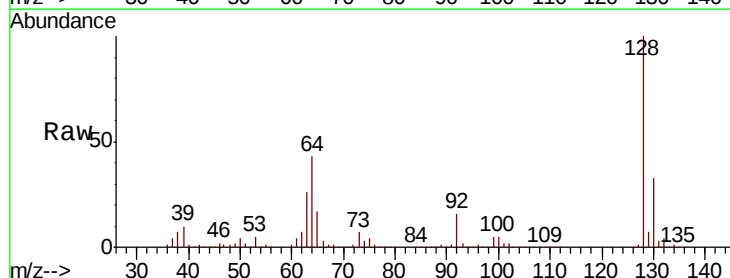
Delta R.T. 0.01 min

Lab File: BF115350.D

Acq: 2 Jul 2019 8:23

Tgt Ion: 128 Resp: 593572

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.9	52.9
64	42.9	22.9	62.9

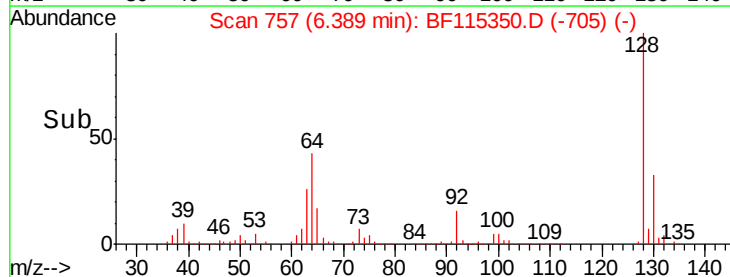
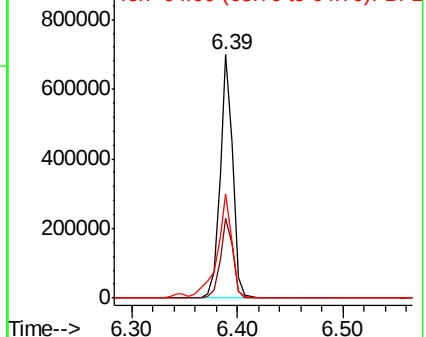


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 34.241 ng

RT: 6.15 min Scan# 716

Delta R.T. 0.01 min

Lab File: BF115350.D

Acq: 2 Jul 2019 8:23

Instrument :

BNA_F

ClientSampled :

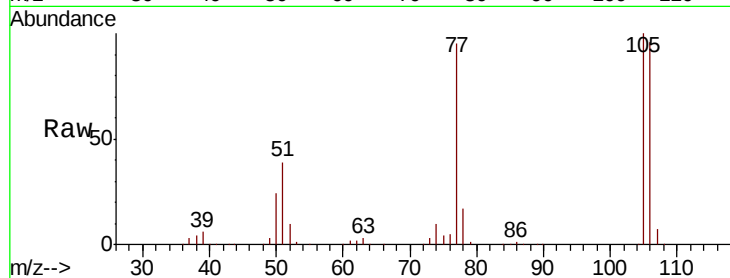
Tot Ion: 77 Resp: 379339

Ion Ratio Lower Upper

77 100

105 105.2 81.5 121.5

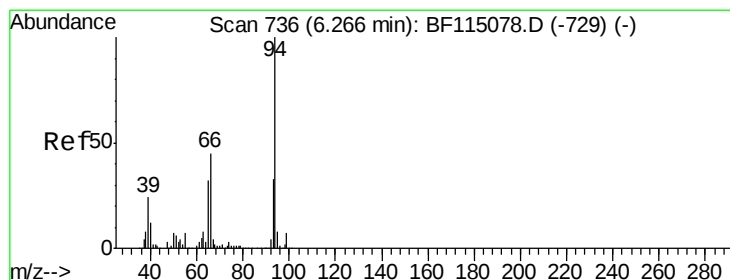
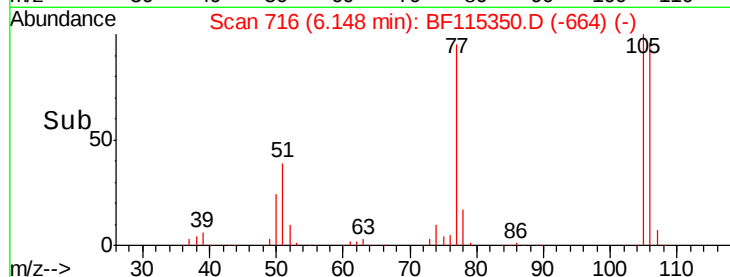
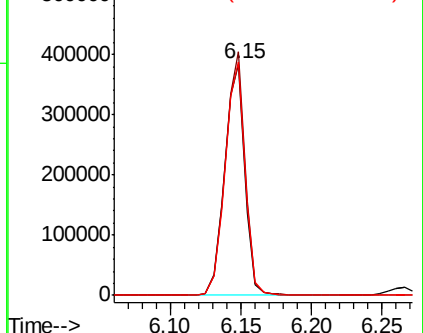
106 100.8 79.7 119.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 34.347 ng

RT: 6.27 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF115350.D

Acq: 2 Jul 2019 8:23

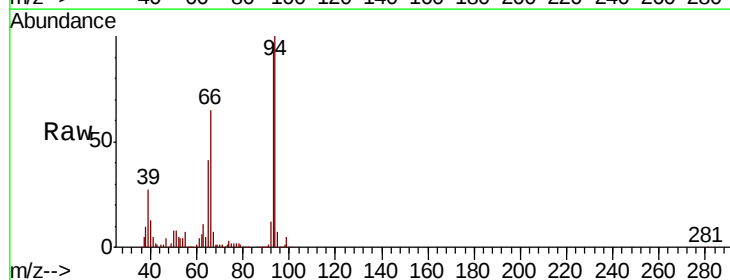
Tgt Ion: 94 Resp: 683196

Ion Ratio Lower Upper

94 100

65 40.9 11.9 51.9

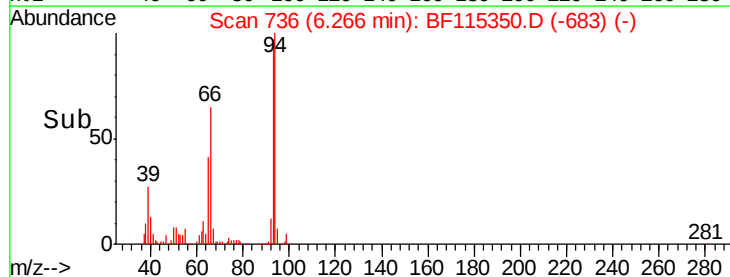
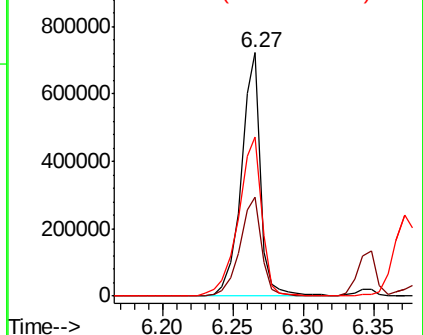
66 65.4 25.2 65.2#

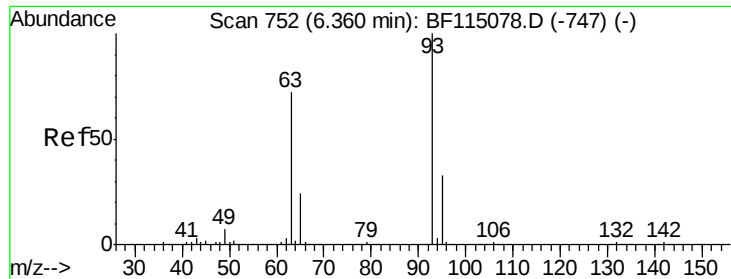


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

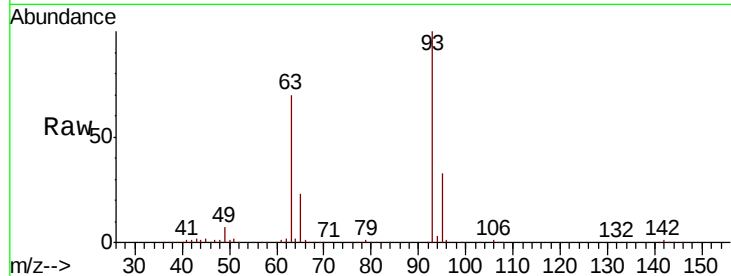




#11
bis(2-Chloroethyl)ether
Concen: 36.716 ng
RT: 6.35 min Scan# 750
Delta R.T. 0.01 min
Lab File: BF115350.D
Acq: 2 Jul 2019 8:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	69.7	51.5	91.5
95	33.1	13.4	53.4

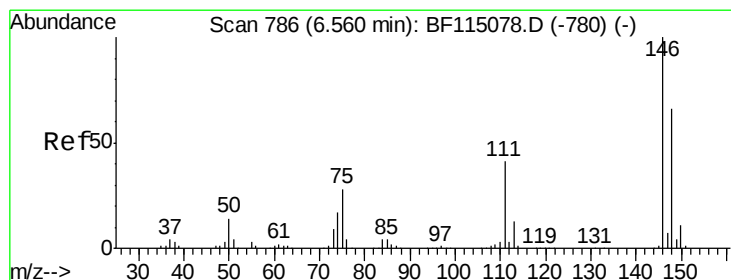
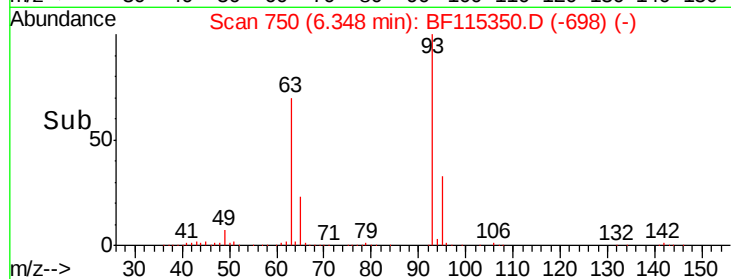
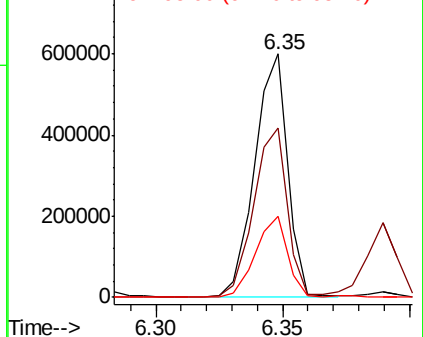


Abundance

Ion 93.00 (92.70 to 93.70): BF1

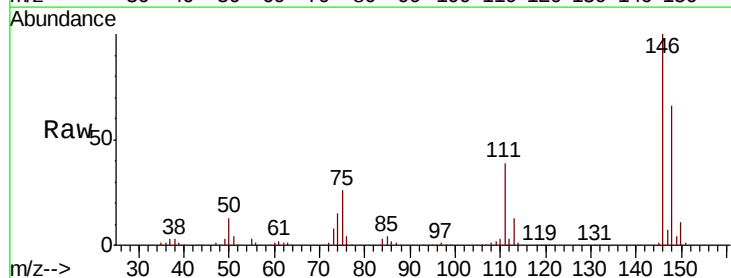
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 37.966 ng
RT: 6.55 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF115350.D
Acq: 2 Jul 2019 8:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.0	52.6	78.8
75	26.2	22.6	34.0

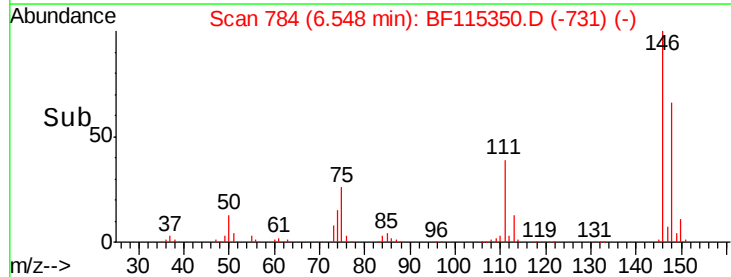
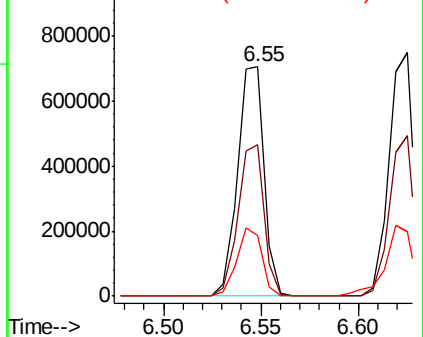


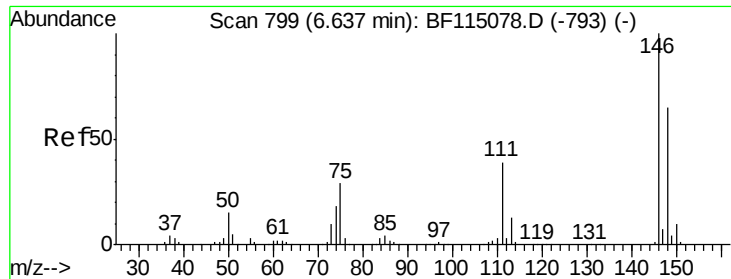
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

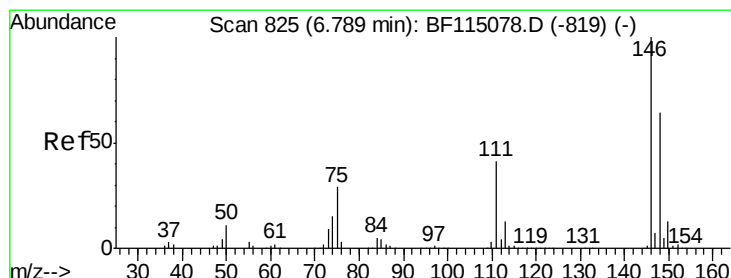
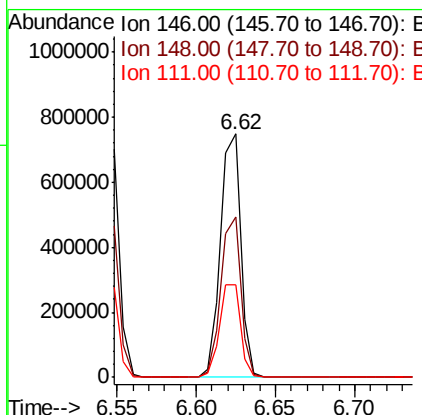
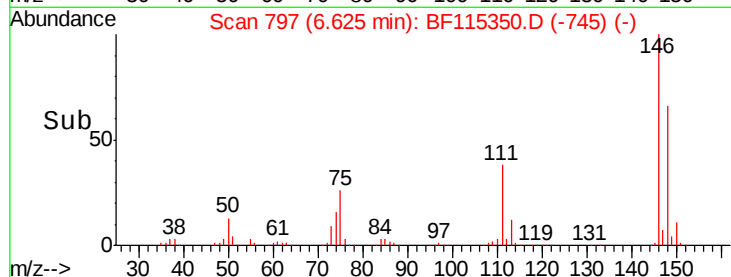
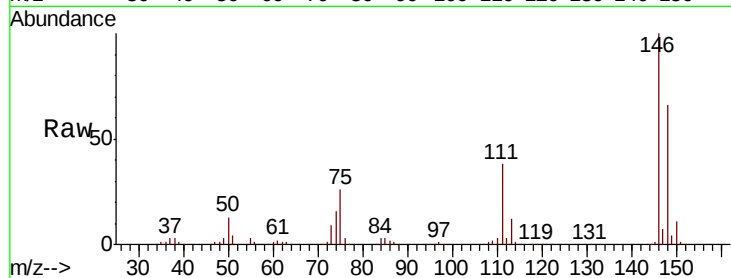




#13
 1,4-Dichlorobenzene
 Concen: 38.122 ng
 RT: 6.62 min Scan# 797
 Delta R.T. 0.01 min
 Lab File: BF115350.D
 Acq: 2 Jul 2019 8:23

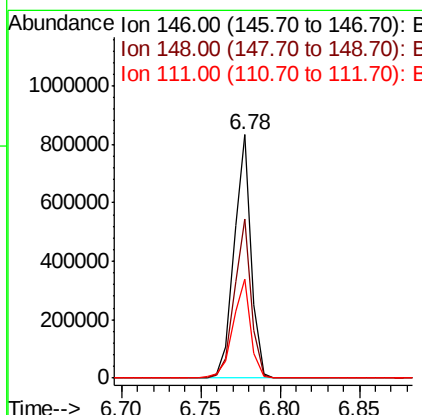
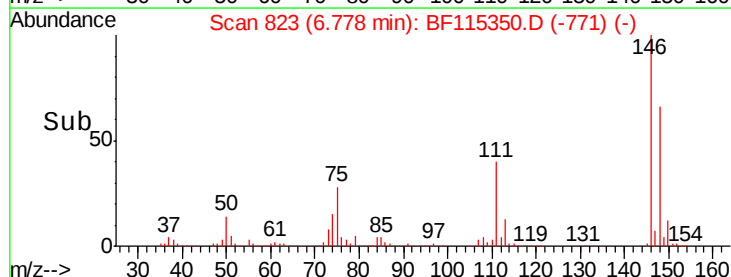
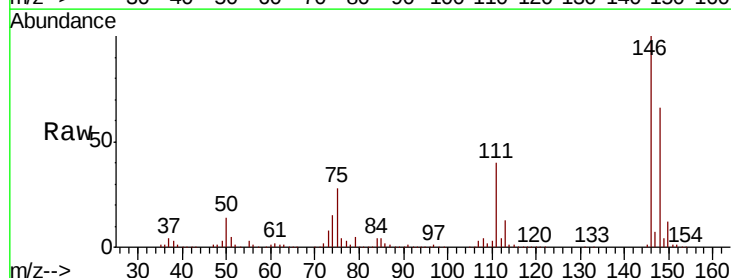
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.9	77.9
111	38.2	31.4	47.0



#14
 1,2-Dichlorobenzene
 Concen: 38.199 ng
 RT: 6.78 min Scan# 823
 Delta R.T. 0.01 min
 Lab File: BF115350.D
 Acq: 2 Jul 2019 8:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.1	76.7
111	40.5	33.2	49.8





#15

Benzyl Alcohol

Concen: 26.533 ng

RT: 6.75 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF115350.D

Acq: 2 Jul 2019 8:23

Instrument :

BNA_F

ClientSampleId :

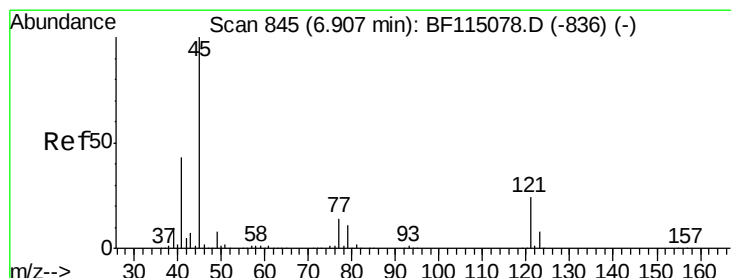
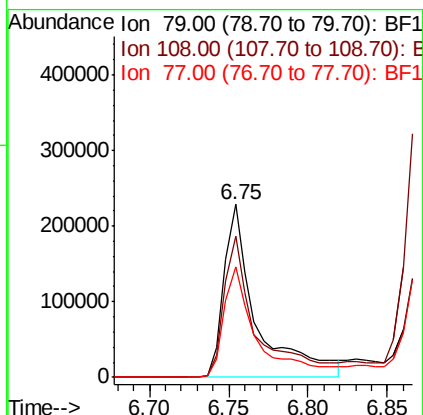
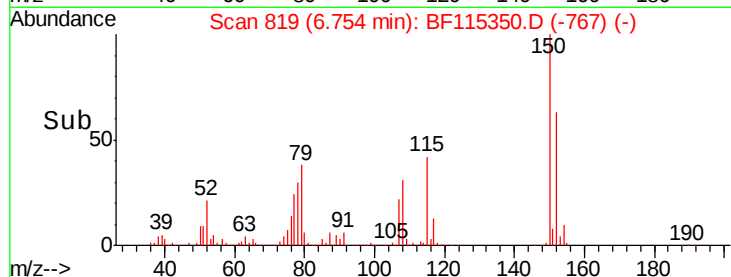
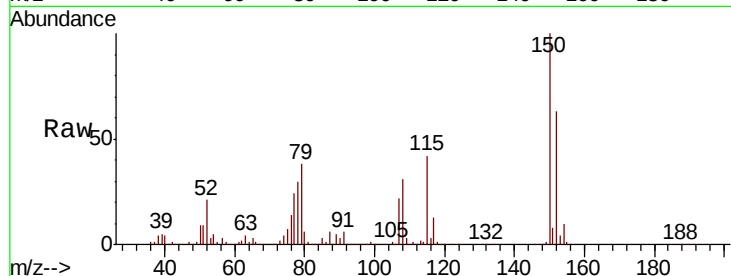
Tot Ion: 79 Resp: 328079

Ion Ratio Lower Upper

79 100

108 82.0 68.7 103.1

77 63.8 51.7 77.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.623 ng

RT: 6.90 min Scan# 843

Delta R.T. 0.01 min

Lab File: BF115350.D

Acq: 2 Jul 2019 8:23

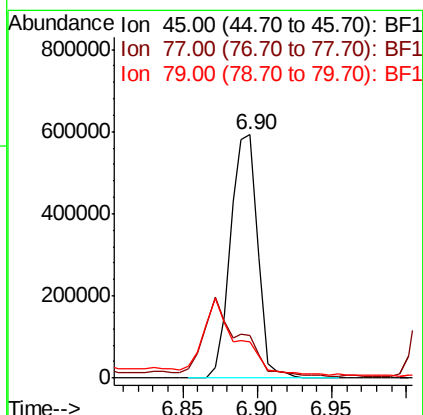
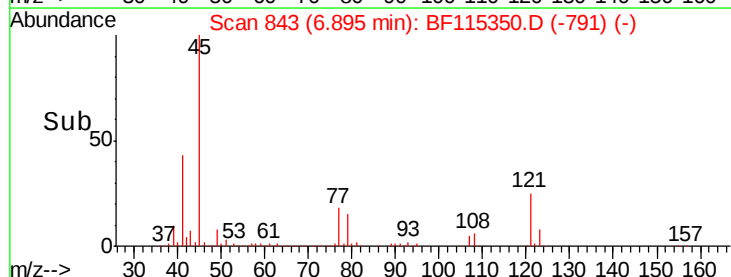
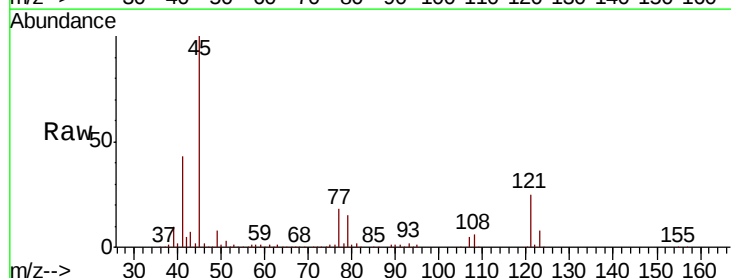
Tgt Ion: 45 Resp: 757562

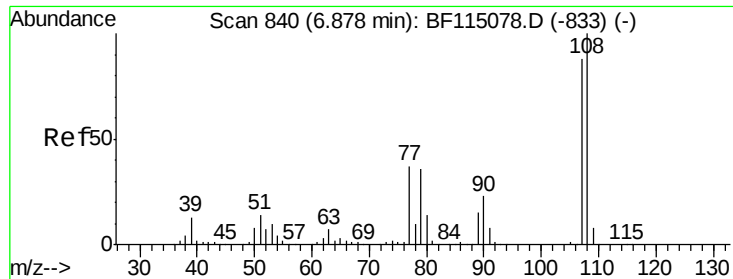
Ion Ratio Lower Upper

45 100

77 17.7 0.0 34.6

79 14.9 0.0 31.2

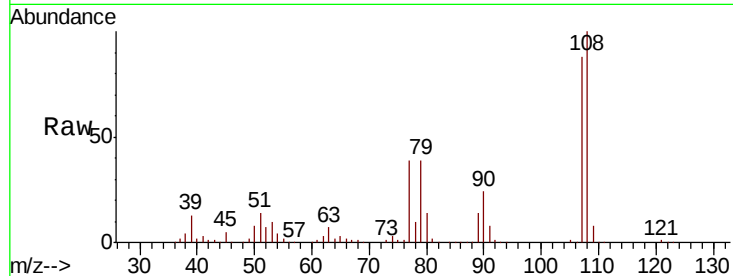




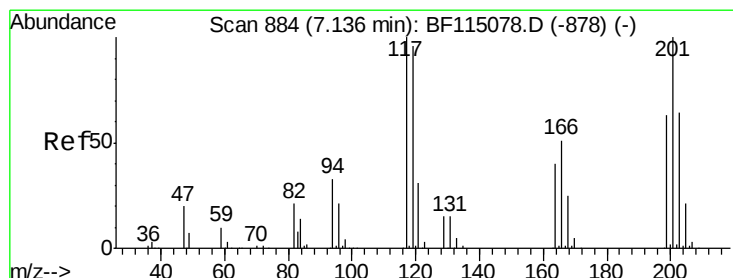
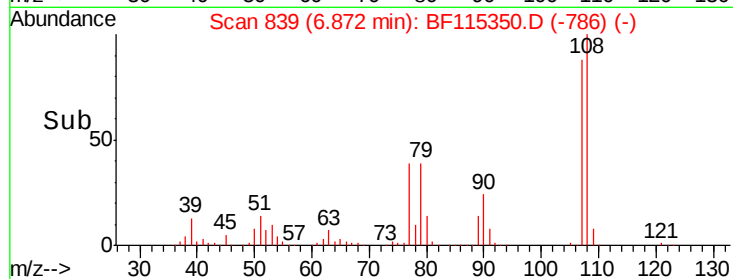
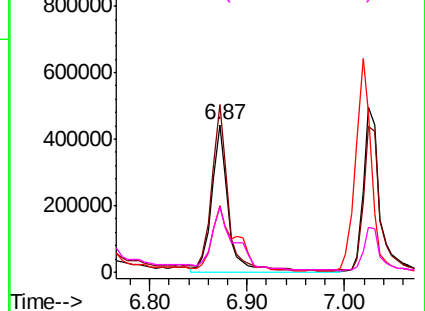
#17
2-Methylphenol
Concen: 40.270 ng
RT: 6.87 min Scan# 839
Delta R.T. 0.01 min
Lab File: BF115350.D
Acq: 2 Jul 2019 8:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	522910
Ion	Ratio	Lower	Upper
107	100		
108	113.7	90.9	136.3
77	44.8	33.4	50.2
79	44.1	32.3	48.5

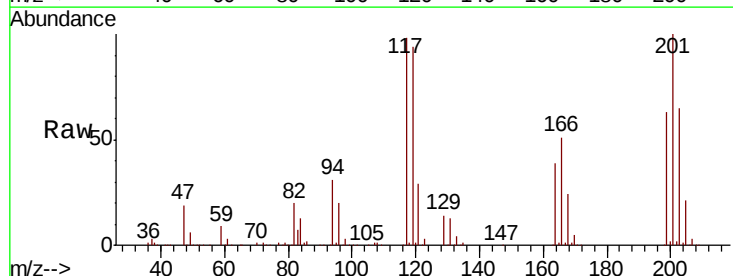


Abundance Ion 107.00 (106.70 to 107.70): E
1000000 Ion 108.00 (107.70 to 108.70): E
800000 Ion 77.00 (76.70 to 77.70): BF1
600000 Ion 79.00 (78.70 to 79.70): BF1
400000
200000
0

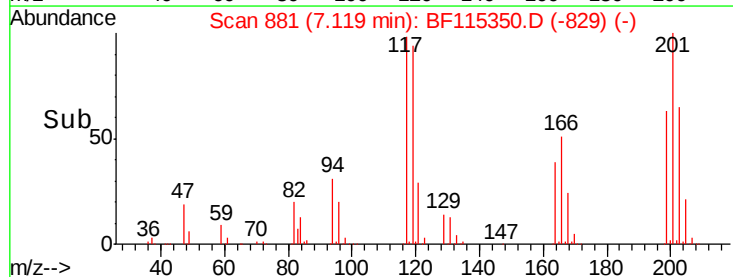
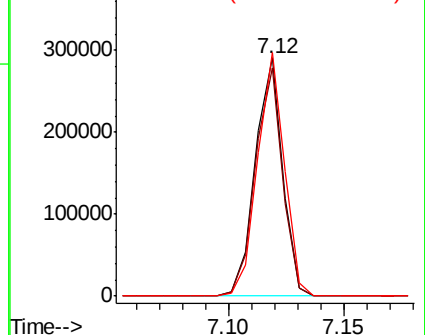


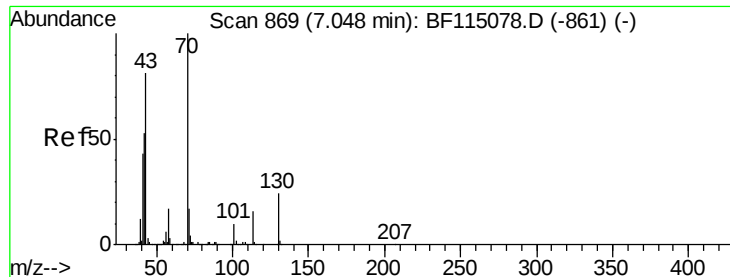
#18
Hexachloroethane
Concen: 38.054 ng
RT: 7.12 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF115350.D
Acq: 2 Jul 2019 8:23

Tgt Ion:	117	Resp:	240186
Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.6	114.8
201	102.3	80.2	120.2



Abundance Ion 117.00 (116.70 to 117.70): E
400000 Ion 119.00 (118.70 to 119.70): E
300000 Ion 201.00 (200.70 to 201.70): E
200000
100000
0

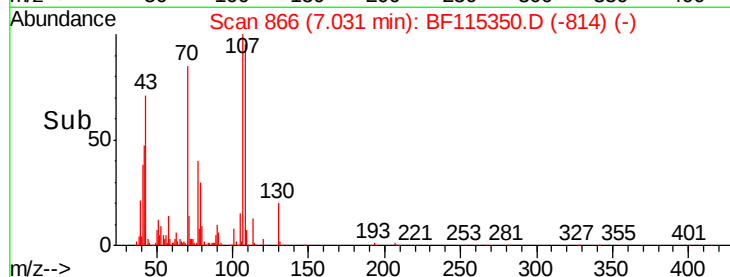
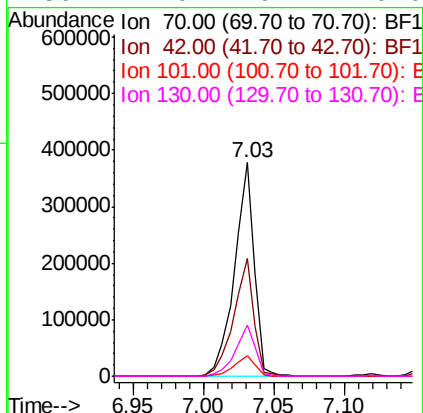
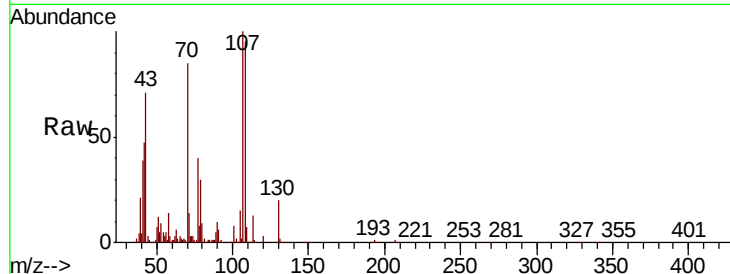




#19
n-Nitroso-di-n-propylamine
Concen: 33.717 ng
RT: 7.03 min Scan# 866
Delta R.T. 0.01 min
Lab File: BF115350.D
Acq: 2 Jul 2019 8:23

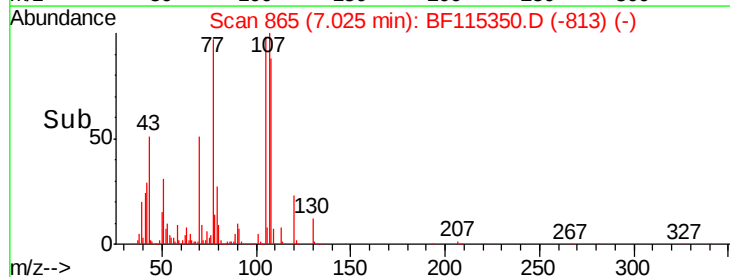
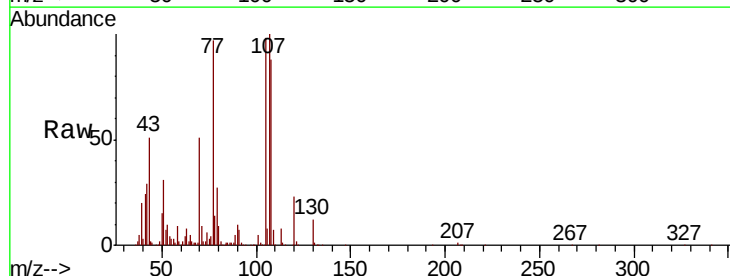
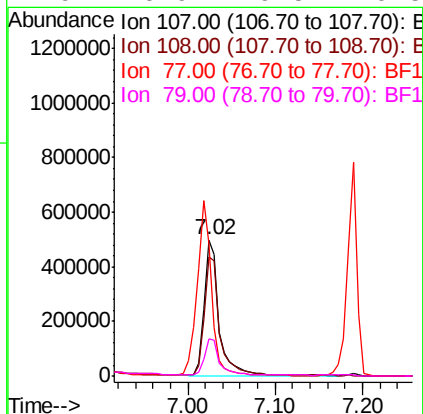
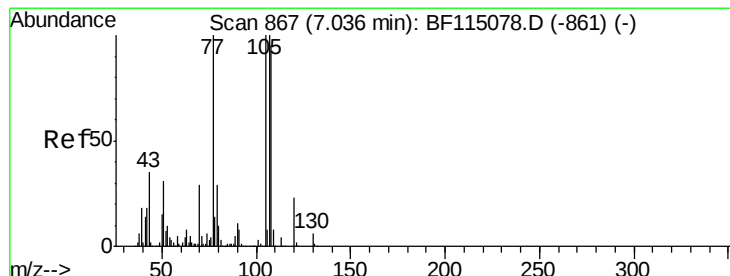
Instrument :
BNA_F
ClientSampled :

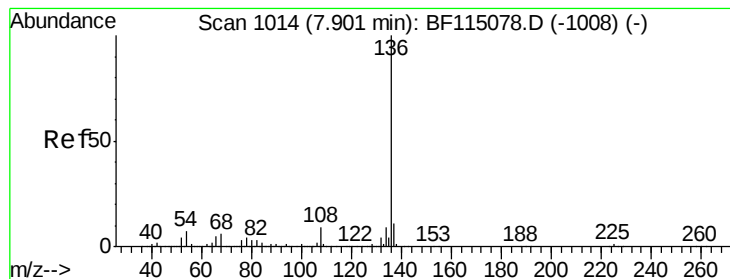
Tot Ion:	70	Resp:	366556
Ion	Ratio	Lower	Upper
70	100		
42	55.4	42.6	63.8
101	9.8	8.0	12.0
130	24.0	19.4	29.0



#20
3+4-Methylphenols
Concen: 38.763 ng
RT: 7.02 min Scan# 865
Delta R.T. 0.01 min
Lab File: BF115350.D
Acq: 2 Jul 2019 8:23

Tgt Ion:	107	Resp:	581202
Ion	Ratio	Lower	Upper
107	100		
108	87.9	75.5	115.5
77	96.7	80.2	120.2
79	26.9	9.5	49.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.89 min Scan# 1012

Delta R.T. 0.01 min

Lab File: BF115350.D

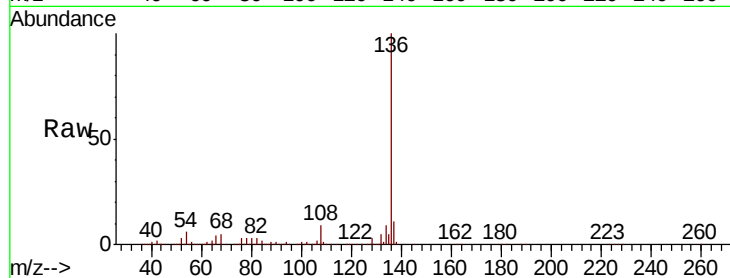
Acq: 2 Jul 2019 8:23

Instrument :

BNA_F

ClientSampled :

Tot Ion:136	Resp:	867947	
Ion Ratio	Lower	Upper	
136 100			
137 11.1	8.9	13.3	
54 6.4	5.6	8.4	
68 5.4	4.8	7.2	

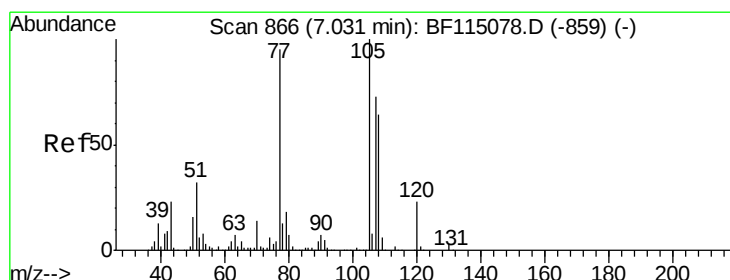
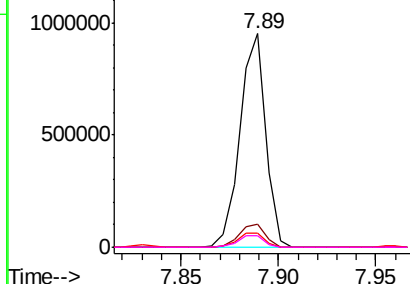
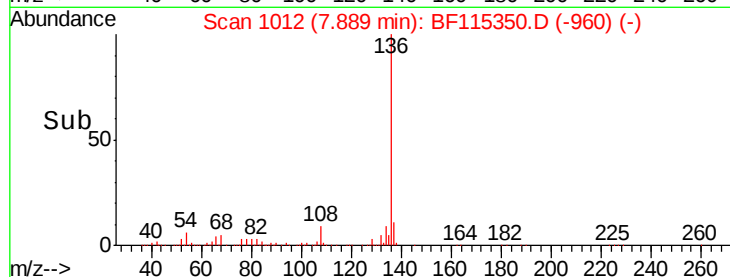


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.730 ng

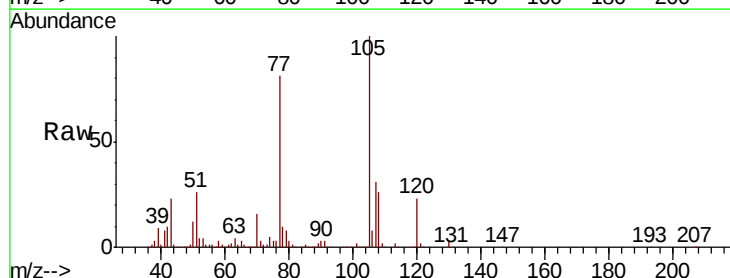
RT: 7.02 min Scan# 864

Delta R.T. 0.01 min

Lab File: BF115350.D

Acq: 2 Jul 2019 8:23

Tgt	Ion:105	Resp:	769576
Ion	Ratio	Lower	Upper
105	100		
71	2.8	1.9	2.9
51	26.4	25.8	38.8
120	23.2	18.5	27.7

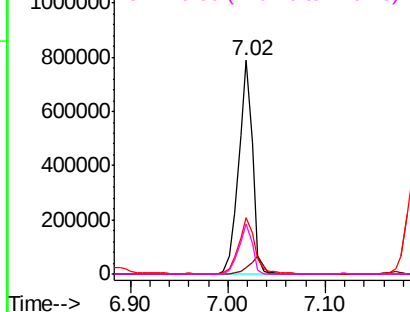
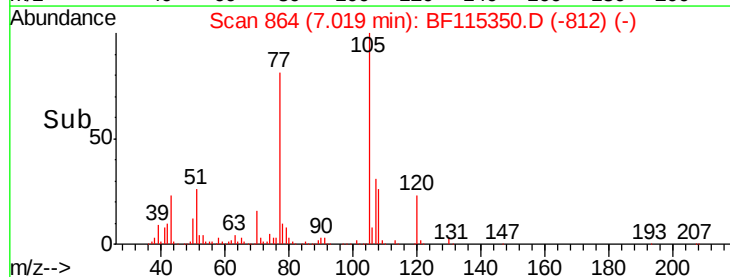


Abundance Ion 105.00 (104.70 to 105.70): E

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



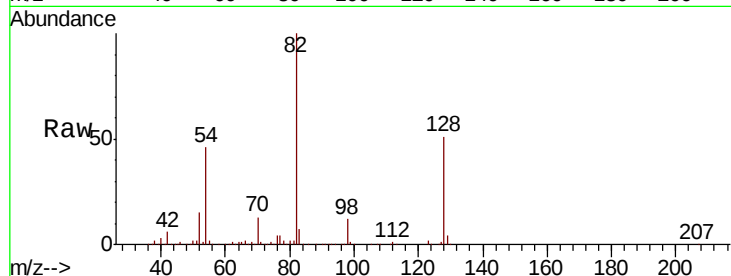


#23
 Nitrobenzene-d5
 Concen: 77.164 ng
 RT: 7.17 min Scan# 890
 Delta R.T. 0.01 min
 Lab File: BF115350.D
 Acq: 2 Jul 2019 8:23

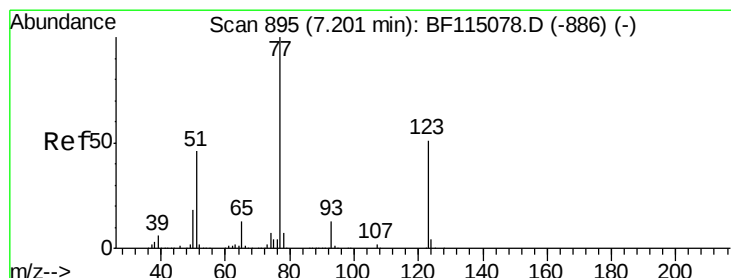
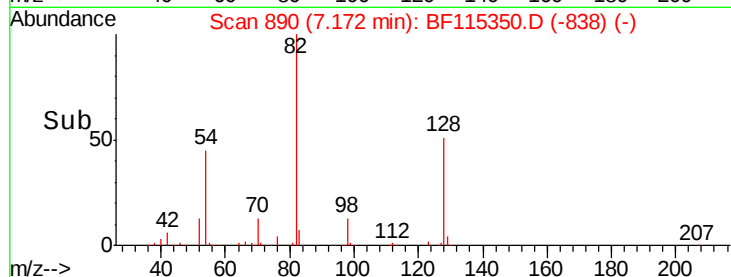
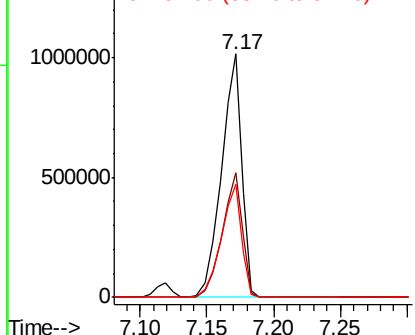
Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 1088739

Ion	Ratio	Lower	Upper
82	100		
128	51.0	40.4	60.6
54	46.2	37.5	56.3



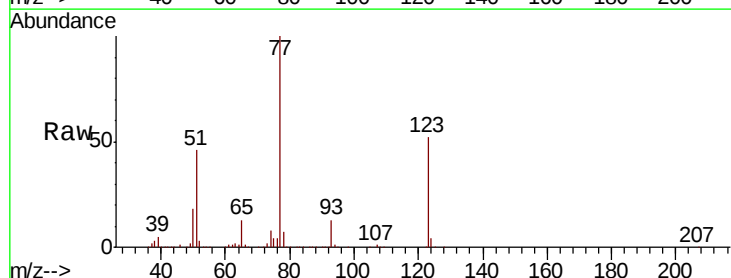
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



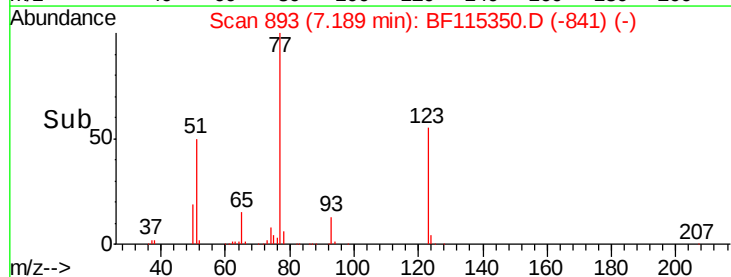
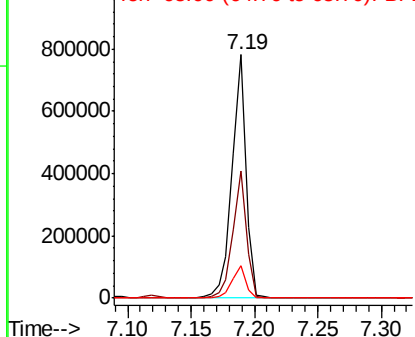
#24
 Nitrobenzene
 Concen: 38.226 ng
 RT: 7.19 min Scan# 893
 Delta R.T. 0.01 min
 Lab File: BF115350.D
 Acq: 2 Jul 2019 8:23

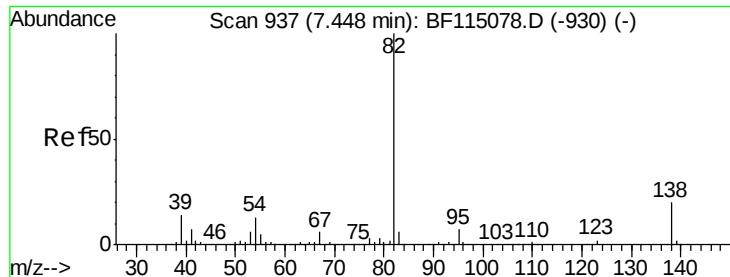
Tgt Ion: 77 Resp: 594188

Ion	Ratio	Lower	Upper
77	100		
123	52.3	41.0	61.6
65	13.4	10.5	15.7



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

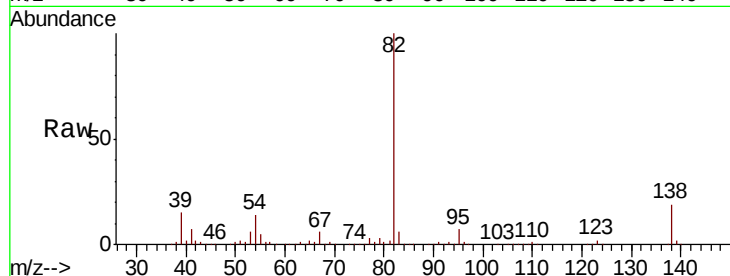




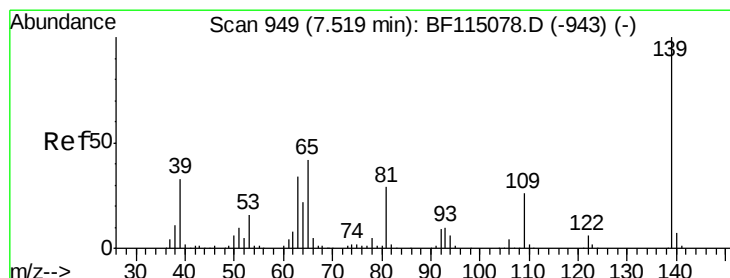
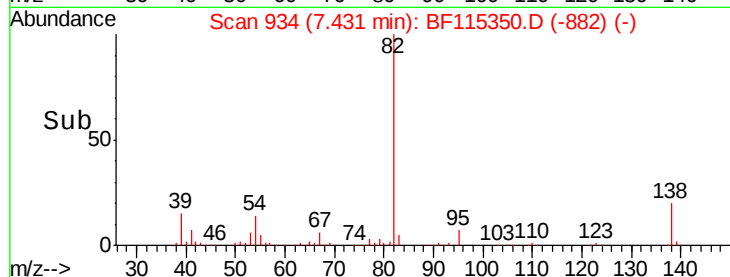
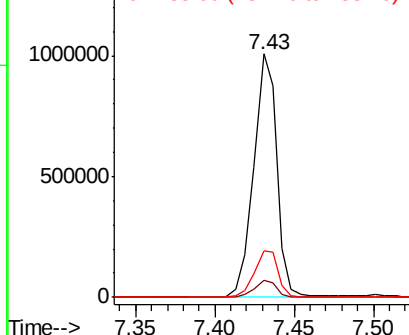
#25
Isophorone
Concen: 35.475 ng
RT: 7.43 min Scan# 934
Delta R.T. 0.01 min
Lab File: BF115350.D
Acq: 2 Jul 2019 8:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1025348
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.2
138 19.3 15.9 23.9

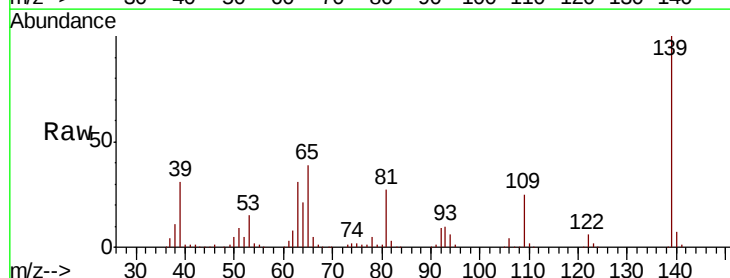


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

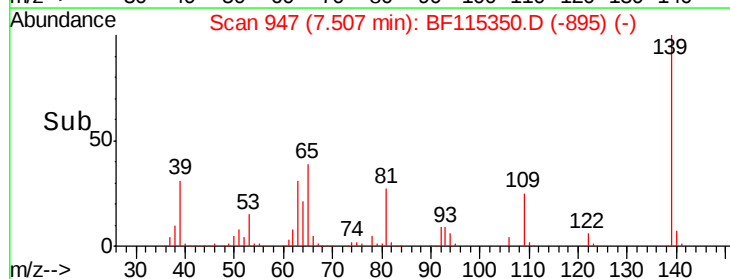
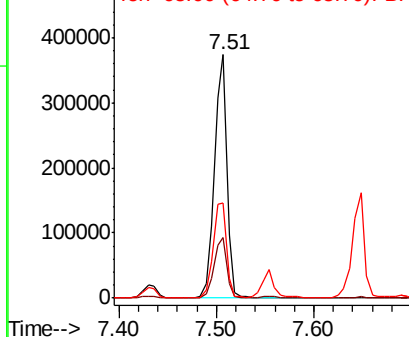


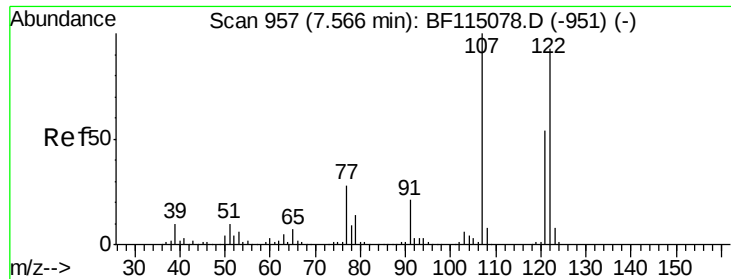
#26
2-Nitrophenol
Concen: 43.017 ng
RT: 7.51 min Scan# 947
Delta R.T. 0.01 min
Lab File: BF115350.D
Acq: 2 Jul 2019 8:23

Tgt Ion: 139 Resp: 330216
Ion Ratio Lower Upper
139 100
109 25.1 20.4 30.6
65 39.2 33.6 50.4



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

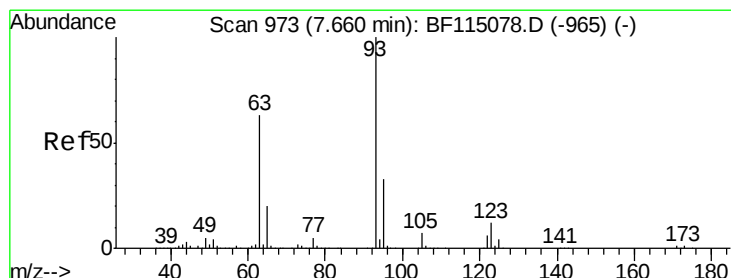
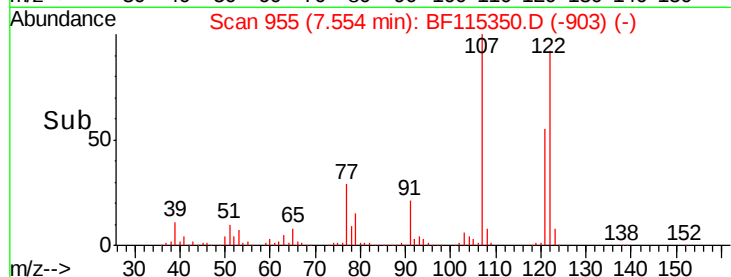
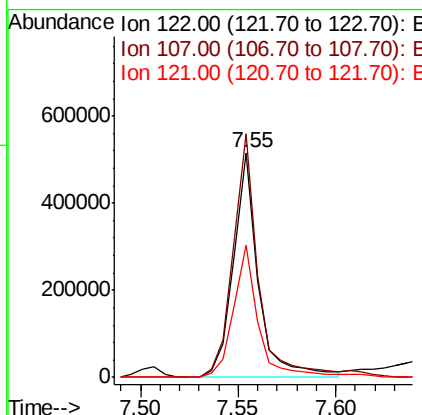
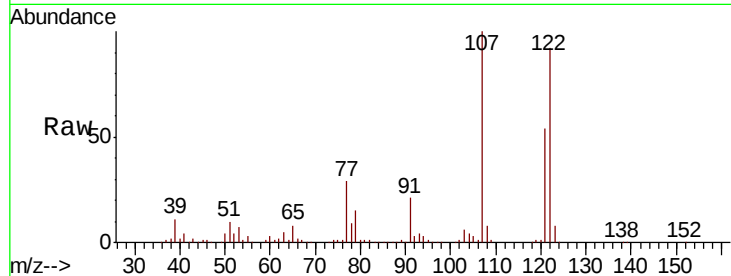




#27
 2,4-Dimethylphenol
 Concen: 36.619 ng
 RT: 7.55 min Scan# 955
 Delta R.T. 0.01 min
 Lab File: BF115350.D
 Acq: 2 Jul 2019 8:23

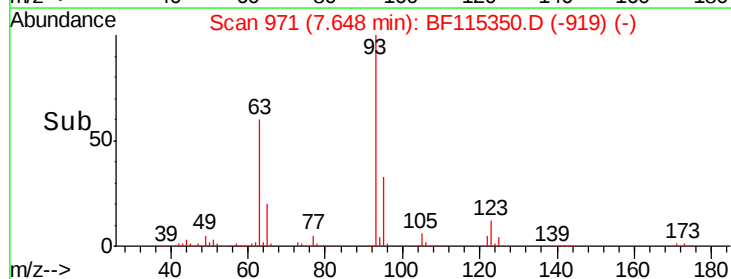
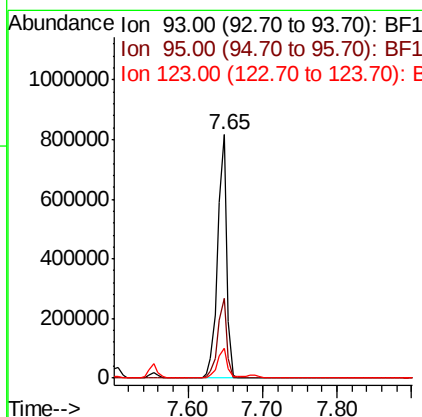
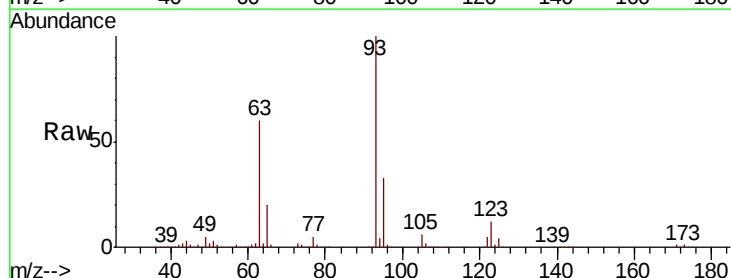
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 460250
 Ion Ratio Lower Upper
 122 100
 107 108.4 85.8 128.6
 121 59.0 46.3 69.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.305 ng
 RT: 7.65 min Scan# 971
 Delta R.T. 0.01 min
 Lab File: BF115350.D
 Acq: 2 Jul 2019 8:23

Tgt Ion: 93 Resp: 681499
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.2 39.4
 123 12.4 9.7 14.5

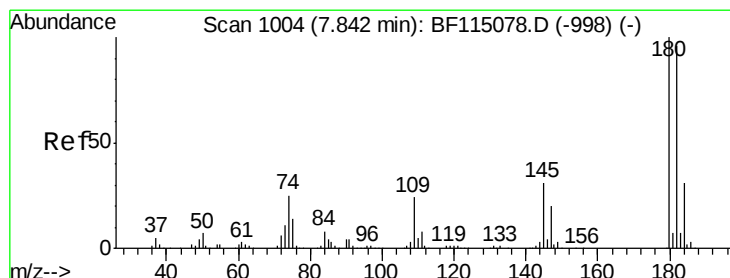
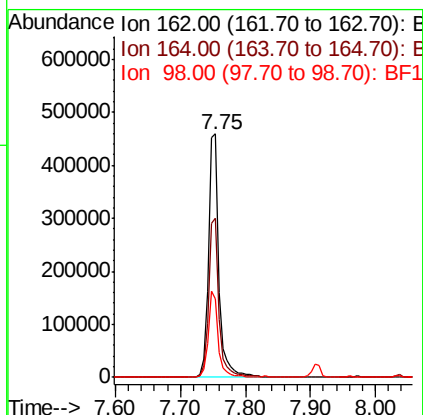
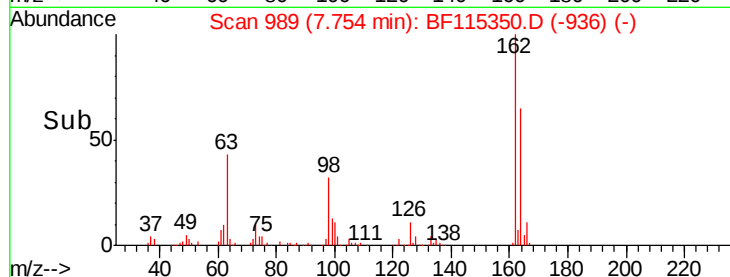
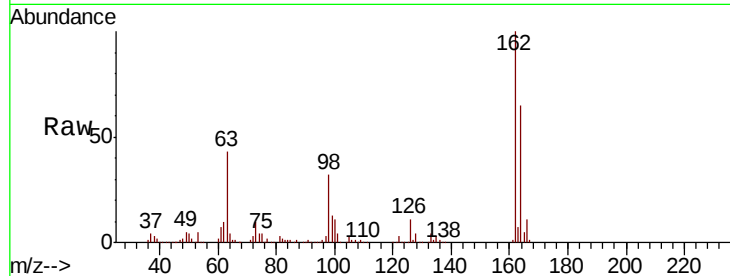




#29
2,4-Dichlorophenol
Concen: 39.286 ng
RT: 7.75 min Scan# 989
Delta R.T. 0.01 min
Lab File: BF115350.D
Acq: 2 Jul 2019 8:23

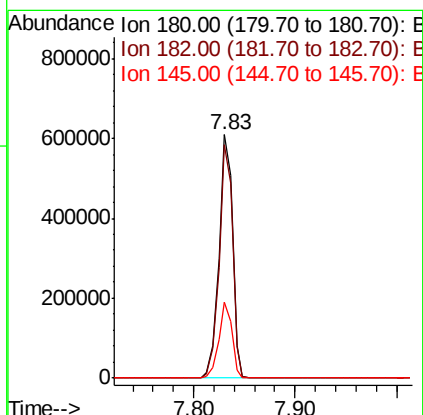
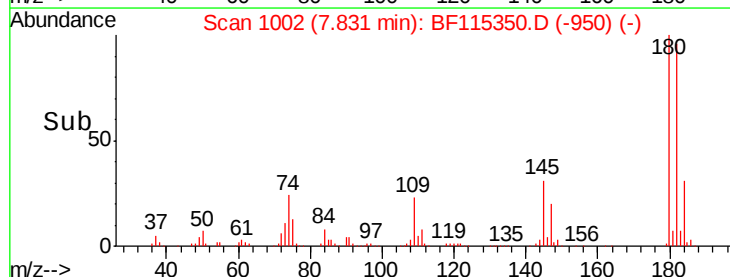
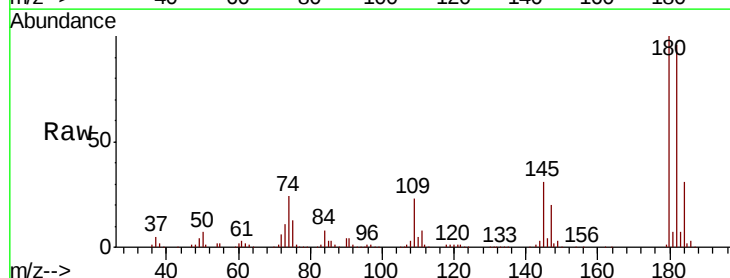
Instrument :
BNA_F
ClientSampleId :

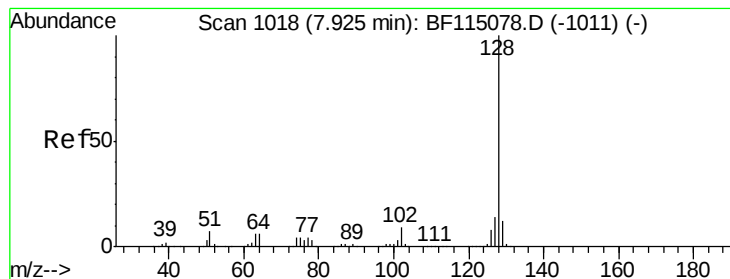
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.4	45.3	85.3
98	32.1	12.5	52.5



#30
1,2,4-Trichlorobenzene
Concen: 39.503 ng
RT: 7.83 min Scan# 1002
Delta R.T. 0.01 min
Lab File: BF115350.D
Acq: 2 Jul 2019 8:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.4	114.6
145	31.0	24.8	37.2





#31

Naphthalene

Concen: 38.591 ng

RT: 7.91 min Scan# 1015

Delta R.T. 0.01 min

Lab File: BF115350.D

Acq: 2 Jul 2019 8:23

Instrument :

BNA_F

ClientSampleId :

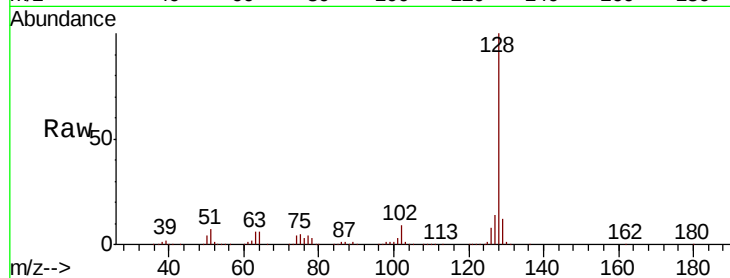
Tot Ion:128 Resp: 1644202

Ion Ratio Lower Upper

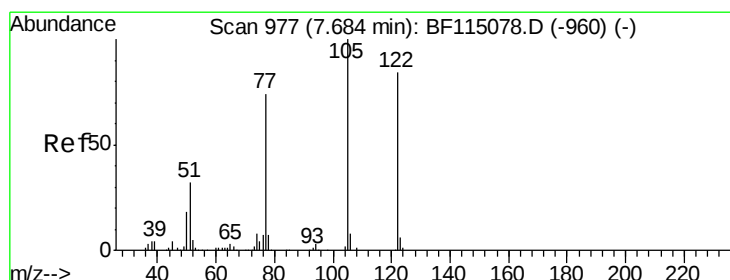
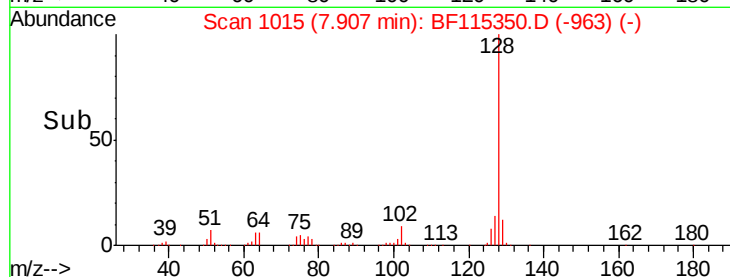
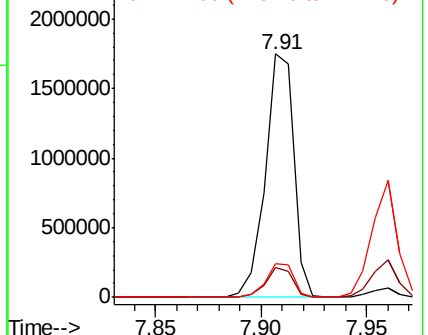
128 100

129 12.1 9.6 14.4

127 13.9 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: 34.124 ng

RT: 7.69 min Scan# 978

Delta R.T. 0.02 min

Lab File: BF115350.D

Acq: 2 Jul 2019 8:23

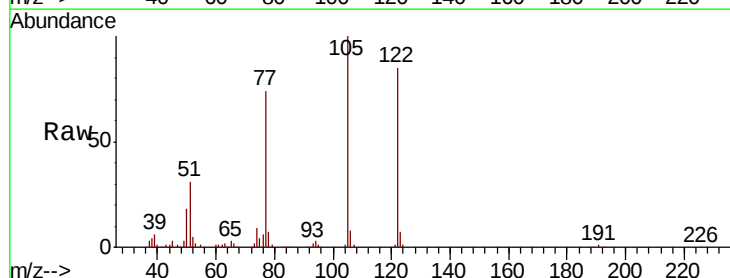
Tgt Ion:122 Resp: 306139

Ion Ratio Lower Upper

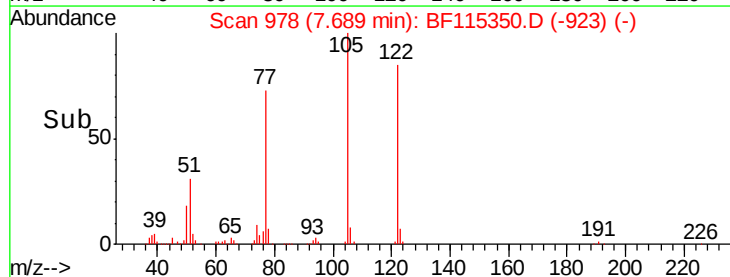
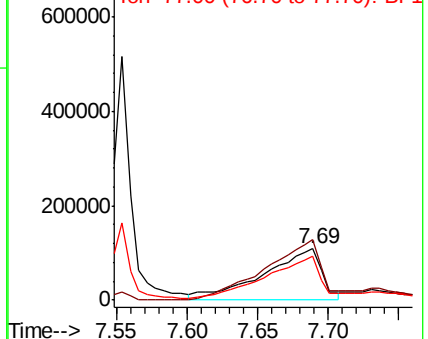
122 100

105 118.1 98.2 138.2

77 87.0 67.0 107.0



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

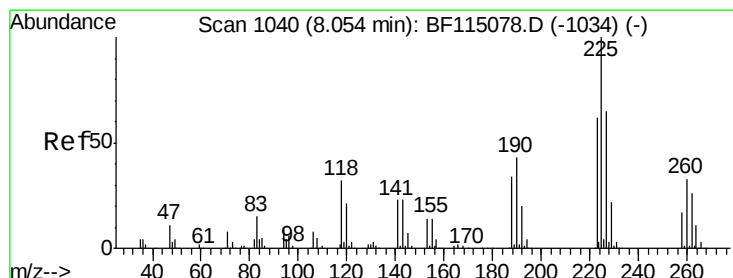
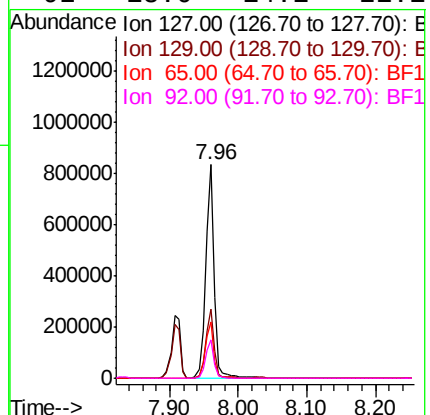
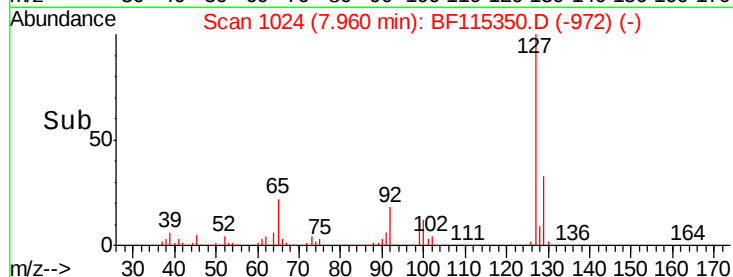
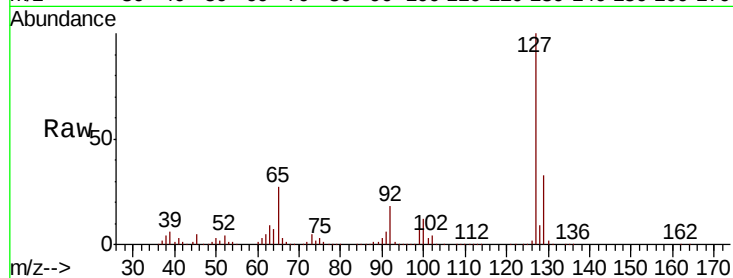




#33
4-Chloroaniline
Concen: 37.884 ng
RT: 7.96 min Scan# 1024
Delta R.T. 0.01 min
Lab File: BF115350.D
Acq: 2 Jul 2019 8:23

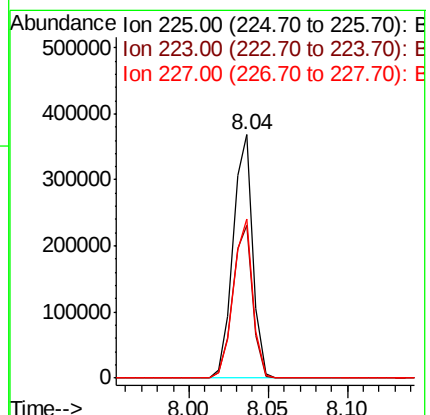
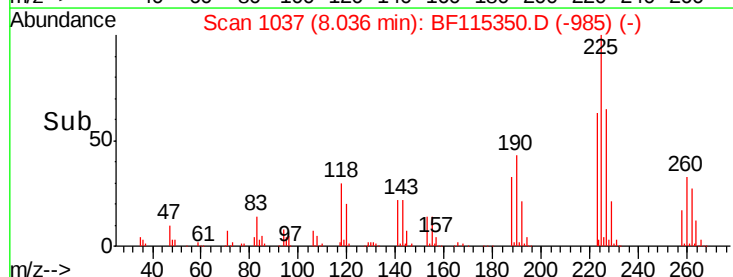
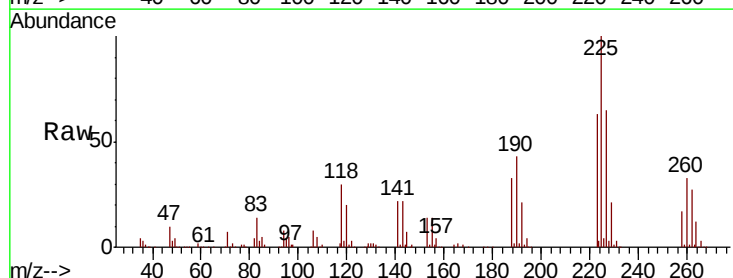
Instrument :
BNA_F
ClientSampleId :

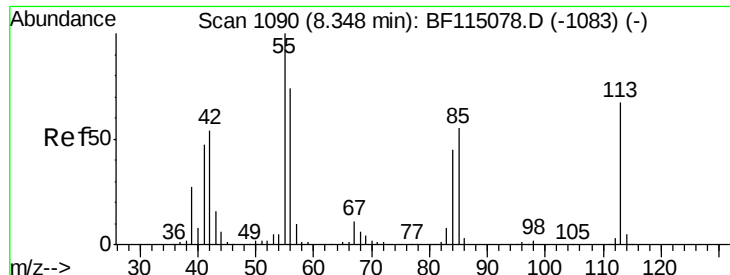
Tot Ion:	127	Resp:	737663
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.1	39.1
65	26.6	21.4	32.2
92	18.0	14.1	21.1



#34
Hexachlorobutadiene
Concen: 40.445 ng
RT: 8.04 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF115350.D
Acq: 2 Jul 2019 8:23

Tgt Ion:	225	Resp:	317546
Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.4	74.2
227	65.4	51.8	77.8

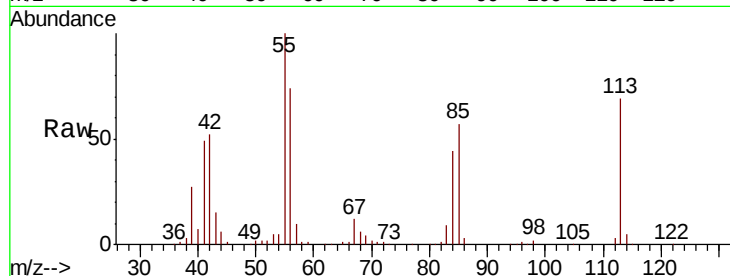




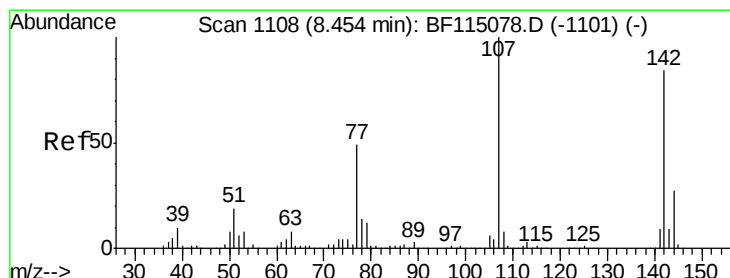
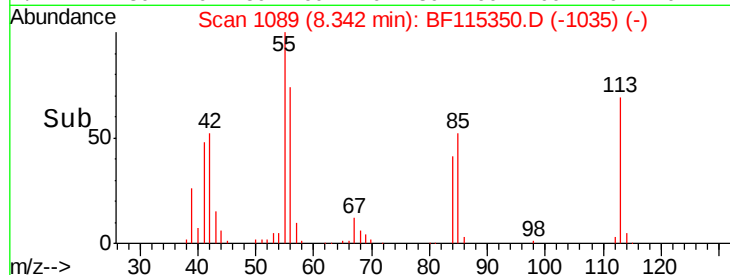
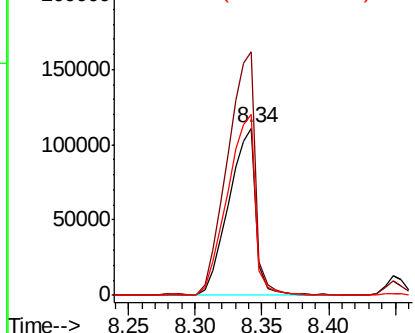
#35
Caprolactam
Concen: 36.311 ng
RT: 8.34 min Scan# 1089
Delta R.T. 0.02 min
Lab File: BF115350.D
Acq: 2 Jul 2019 8:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 158343
Ion Ratio Lower Upper
113 100
55 145.9 130.2 170.2
56 108.3 91.6 131.6

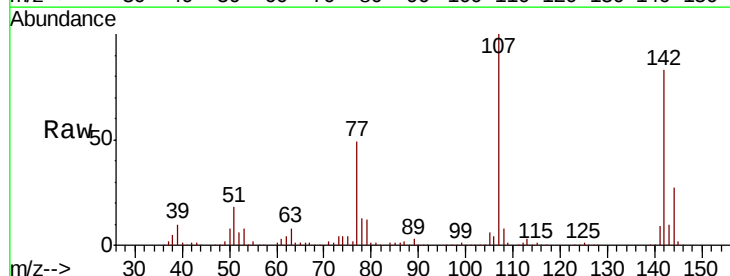


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

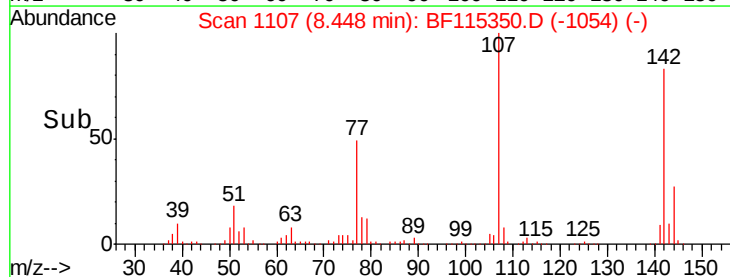
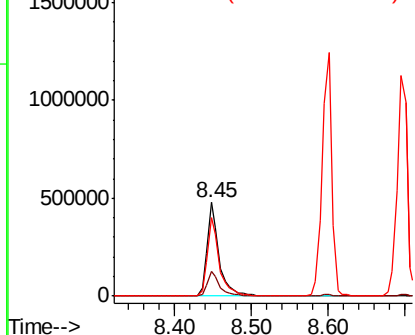


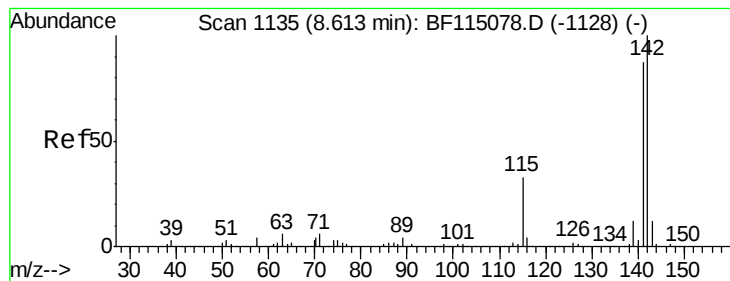
#36
4-Chloro-3-methylphenol
Concen: 38.864 ng
RT: 8.45 min Scan# 1107
Delta R.T. 0.01 min
Lab File: BF115350.D
Acq: 2 Jul 2019 8:23

Tgt Ion:107 Resp: 510501
Ion Ratio Lower Upper
107 100
144 26.7 21.7 32.5
142 83.2 67.0 100.4



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

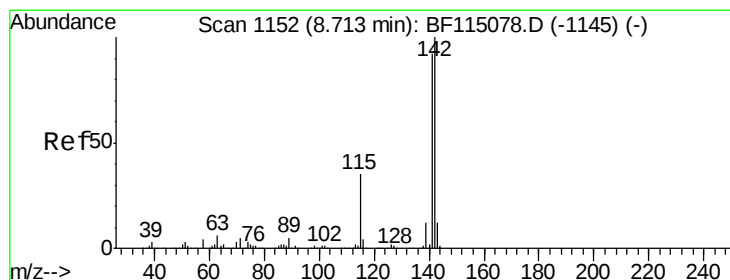
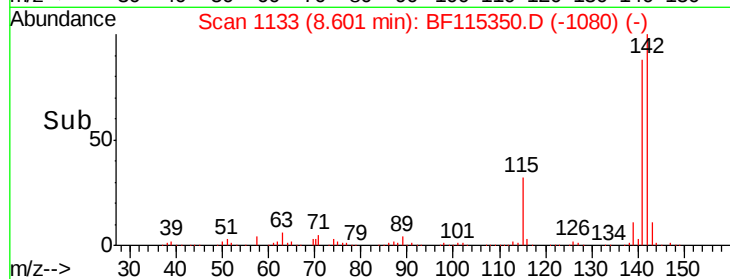
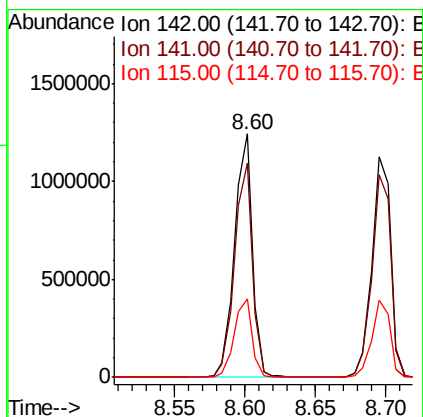
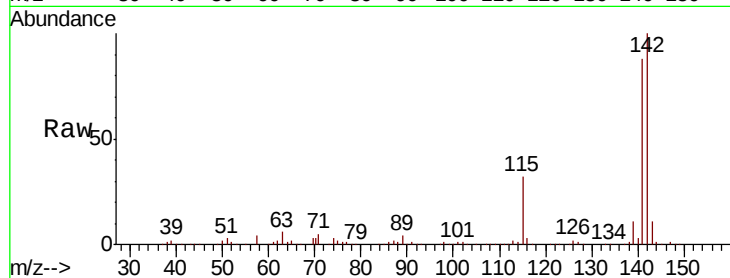




#37
2-Methylnaphthalene
Concen: 38.168 ng
RT: 8.60 min Scan# 1133
Delta R.T. 0.01 min
Lab File: BF115350.D
Acq: 2 Jul 2019 8:23

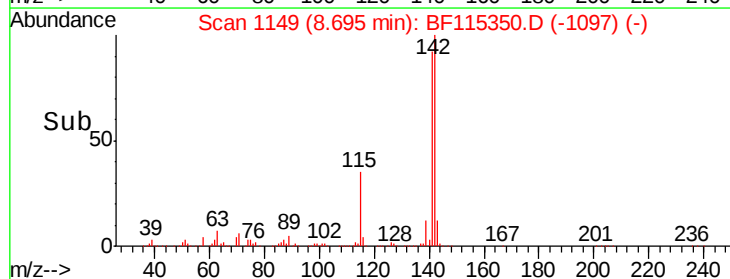
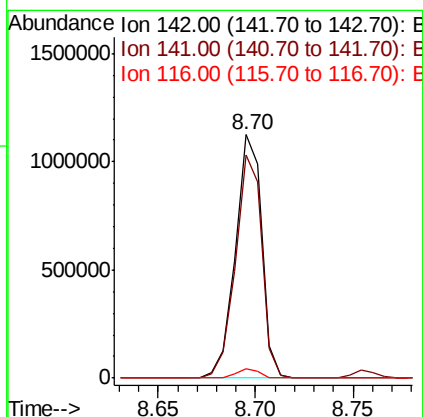
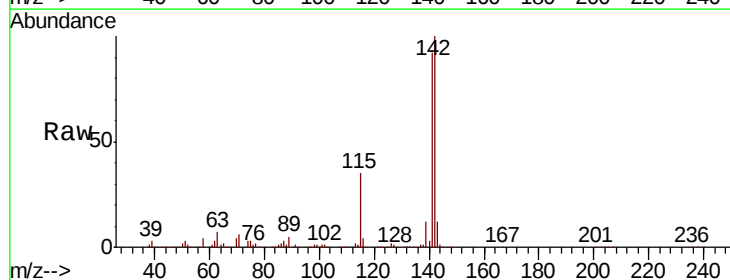
Instrument :
BNA_F
ClientSampleId :

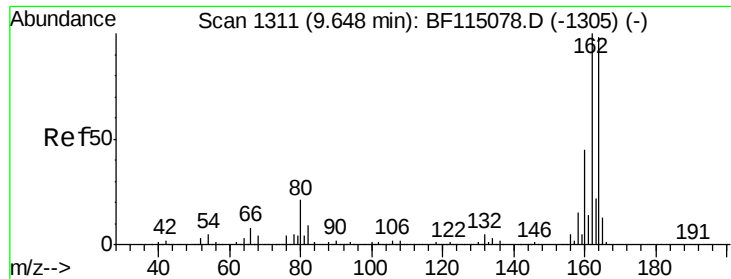
Tot Ion:142 Resp: 1096437
Ion Ratio Lower Upper
142 100
141 88.0 69.8 104.6
115 32.4 26.7 40.1



#38
1-Methylnaphthalene
Concen: 38.286 ng
RT: 8.70 min Scan# 1149
Delta R.T. 0.01 min
Lab File: BF115350.D
Acq: 2 Jul 2019 8:23

Tgt Ion:142 Resp: 1050422
Ion Ratio Lower Upper
142 100
141 91.9 73.8 110.8
116 3.8 2.8 4.2

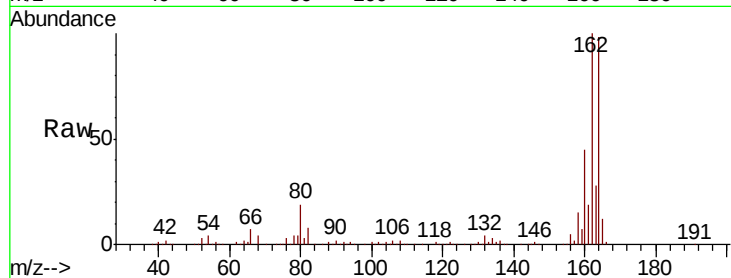




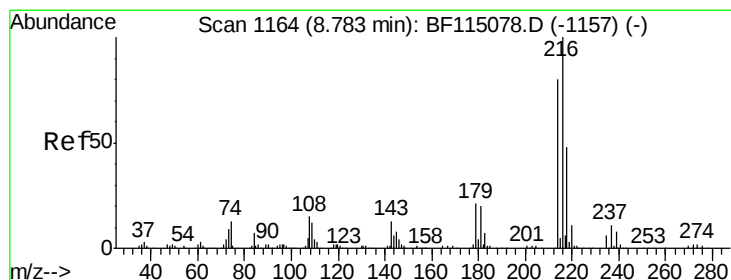
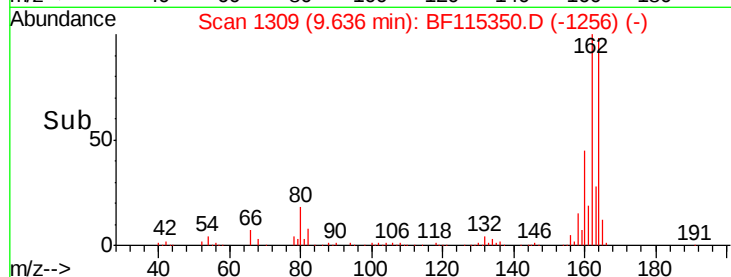
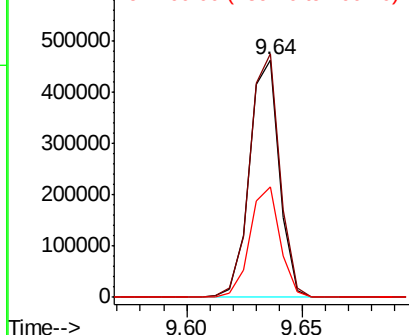
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BF115350.D
Acq: 2 Jul 2019 8:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 418867
Ion Ratio Lower Upper
164 100
162 102.5 81.7 122.5
160 46.3 37.0 55.4

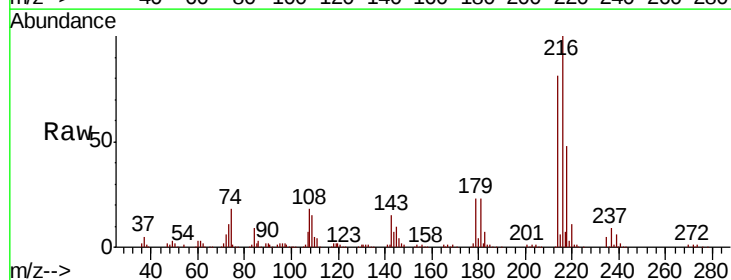


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

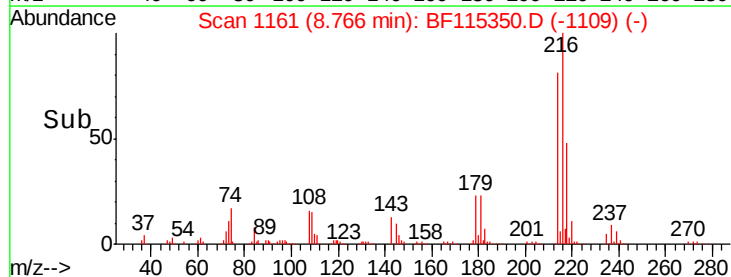
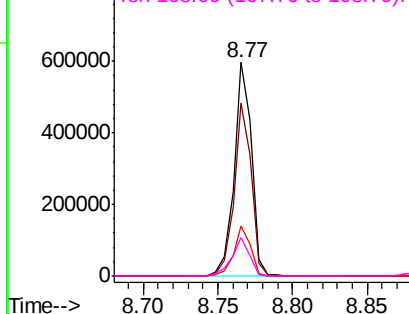


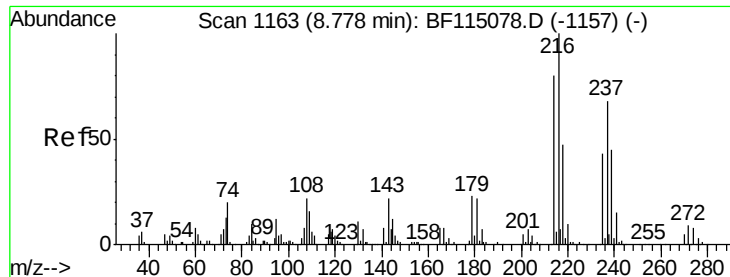
#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.375 ng
RT: 8.77 min Scan# 1161
Delta R.T. 0.01 min
Lab File: BF115350.D
Acq: 2 Jul 2019 8:23

Tgt Ion:216 Resp: 489738
Ion Ratio Lower Upper
216 100
214 79.9 63.8 95.6
179 22.3 17.6 26.4
108 18.5 15.7 23.5



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: 33.859 ng

RT: 8.75 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF115350.D

Acq: 2 Jul 2019 8:23

Instrument :

BNA_F

ClientSampleId :

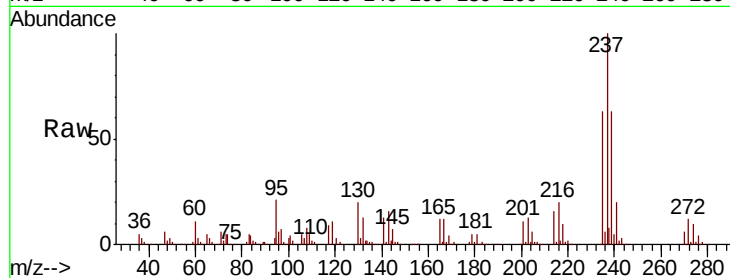
Tot Ion:237 Resp: 237640

Ion Ratio Lower Upper

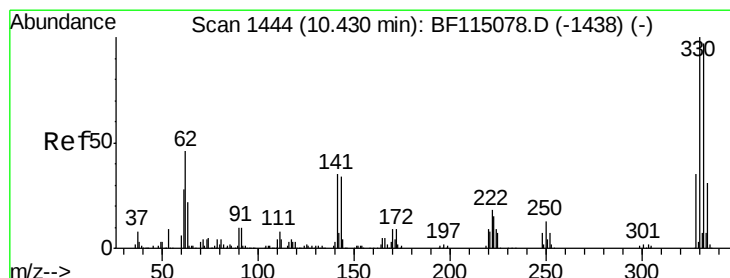
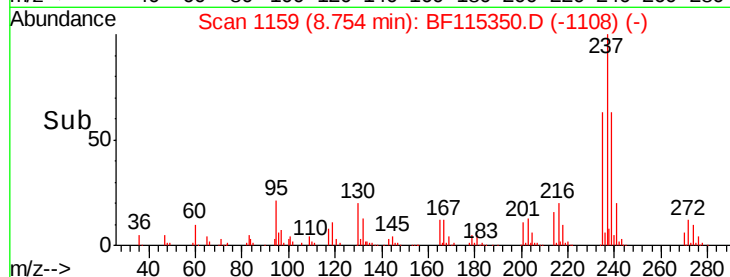
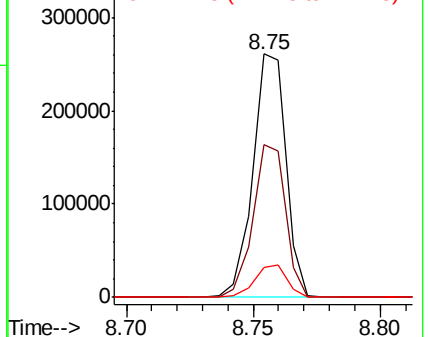
237 100

235 62.6 43.9 83.9

272 12.3 0.0 33.8



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



#42

2,4,6-Tribromophenol

Concen: 83.974 ng

RT: 10.42 min Scan# 1442

Delta R.T. 0.01 min

Lab File: BF115350.D

Acq: 2 Jul 2019 8:23

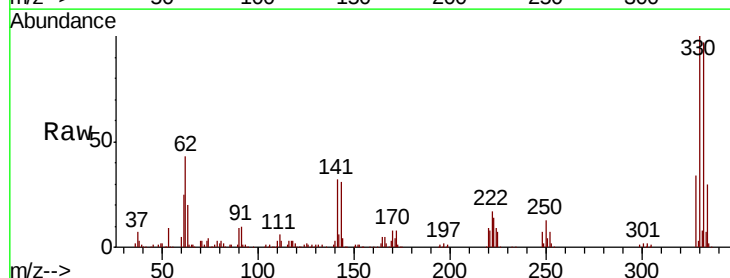
Tgt Ion:330 Resp: 370923

Ion Ratio Lower Upper

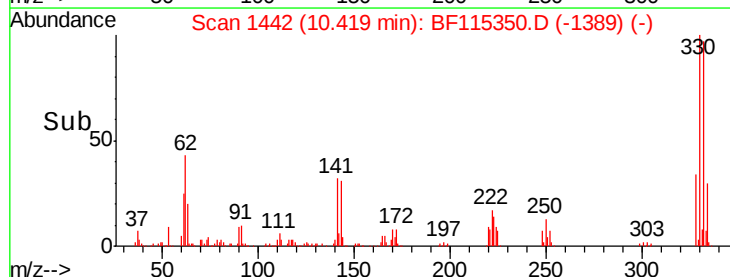
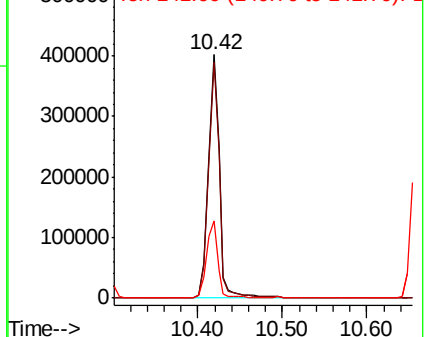
330 100

332 96.3 77.3 115.9

141 31.8 28.2 42.2



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

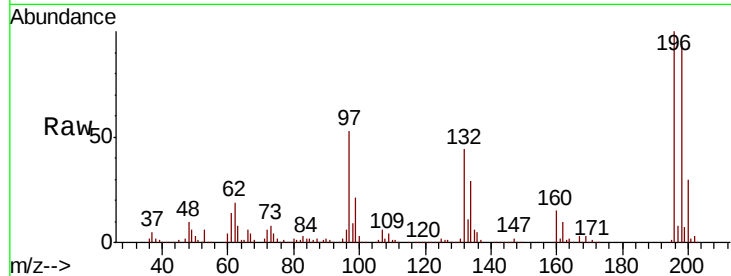




#43
 2,4,6-Trichlorophenol
 Concen: 38.840 ng
 RT: 8.88 min Scan# 1180
 Delta R.T. 0.01 min
 Lab File: BF115350.D
 Acq: 2 Jul 2019 8:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.5	76.3	114.5
200	30.2	24.2	36.4

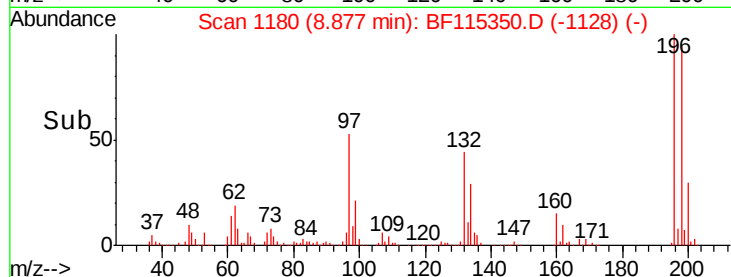
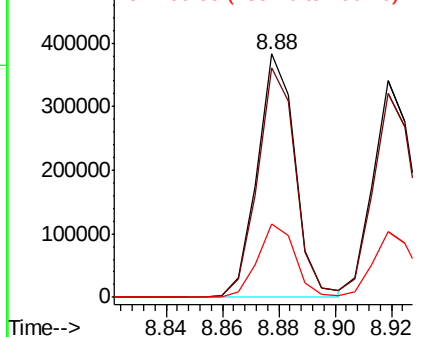


Abundance

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: 41.345 ng
 RT: 8.92 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF115350.D
 Acq: 2 Jul 2019 8:23

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.2	77.1	115.7
97	46.9	37.7	56.5
132	29.2	23.1	34.7

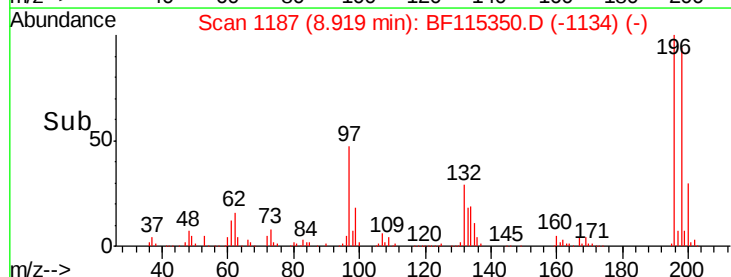
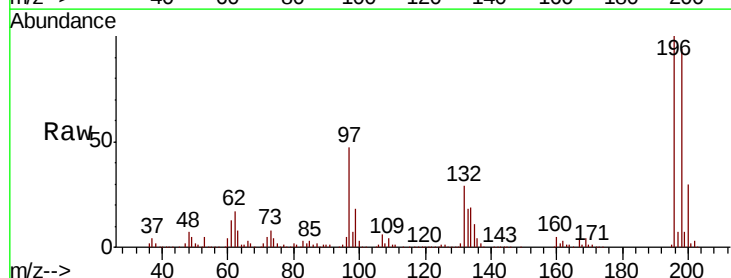
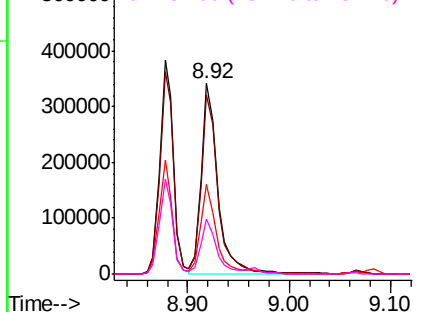
Abundance

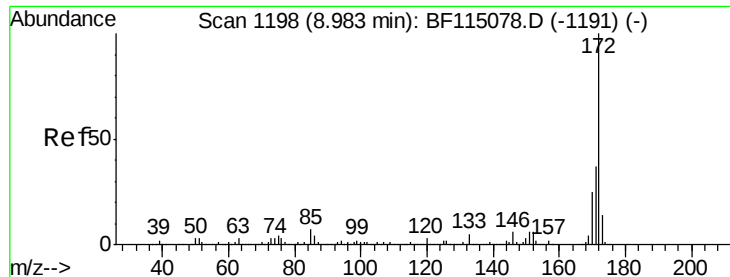
Ion 196.00 (195.70 to 196.70): E

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

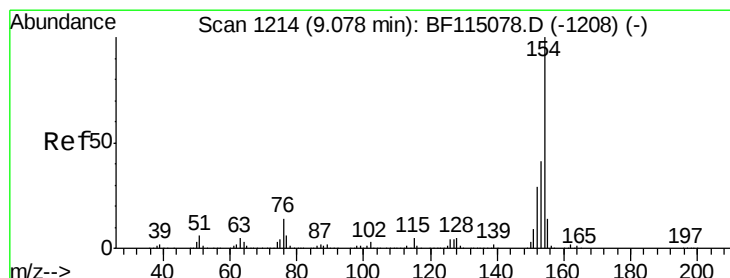
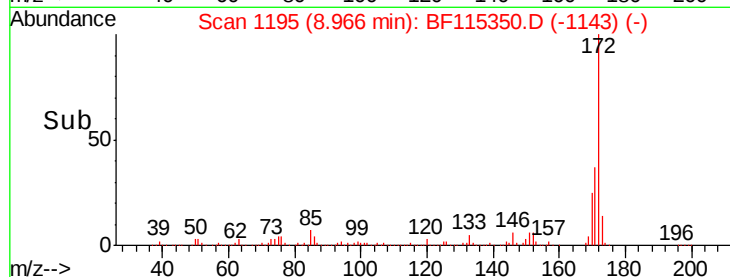
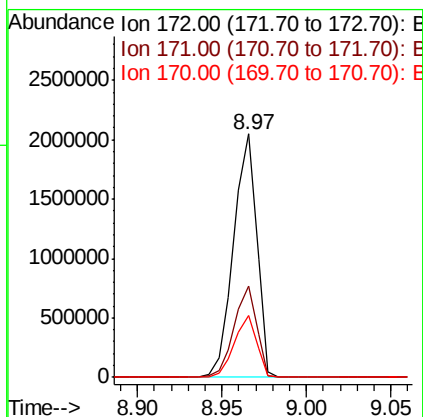
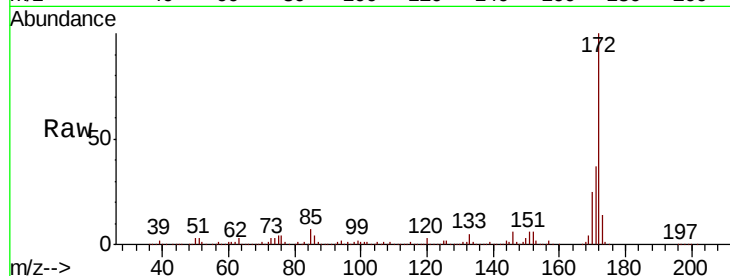




#45
2-Fluorobiphenyl
Concen: 79.174 ng
RT: 8.97 min Scan# 1195
Delta R.T. 0.01 min
Lab File: BF115350.D
Acq: 2 Jul 2019 8:23

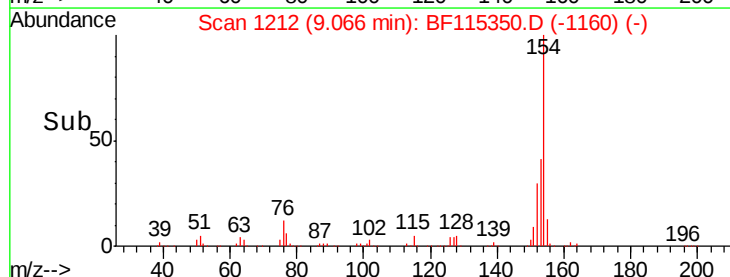
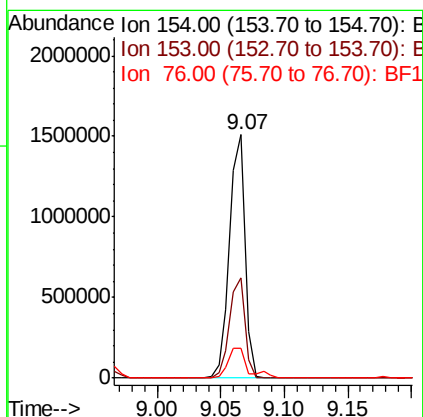
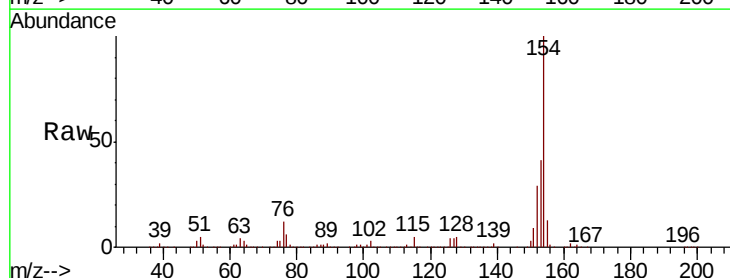
Instrument :
BNA_F
ClientSampleId :

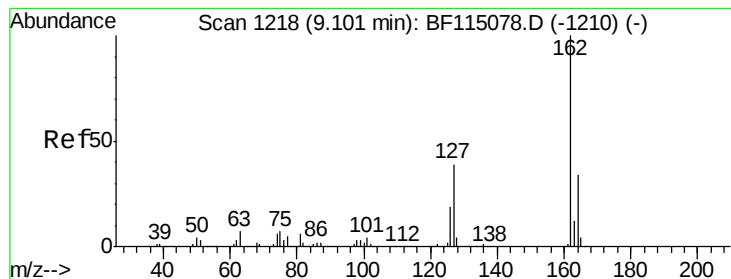
Tot Ion:172 Resp: 1952368
Ion Ratio Lower Upper
172 100
171 37.3 29.8 44.6
170 25.3 20.3 30.5



#46
1,1'-Biphenyl
Concen: 38.155 ng
RT: 9.07 min Scan# 1212
Delta R.T. 0.01 min
Lab File: BF115350.D
Acq: 2 Jul 2019 8:23

Tgt Ion:154 Resp: 1278763
Ion Ratio Lower Upper
154 100
153 41.3 20.9 60.9
76 12.1 0.0 34.1





#47

2-Chloronaphthalene

Concen: 39.448 ng

RT: 9.08 min Scan# 1215

Delta R.T. 0.01 min

Lab File: BF115350.D

Acq: 2 Jul 2019 8:23

Instrument :

BNA_F

ClientSampleId :

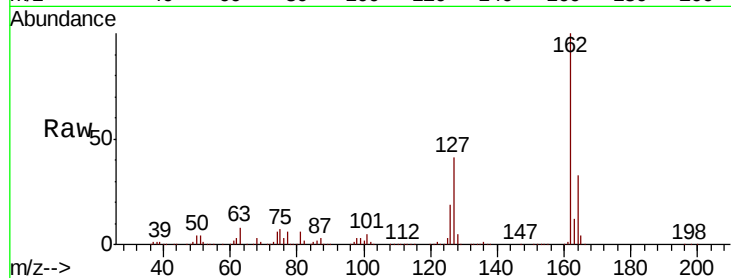
Tot Ion:162 Resp: 1072424

Ion Ratio Lower Upper

162 100

127 40.6 30.8 46.2

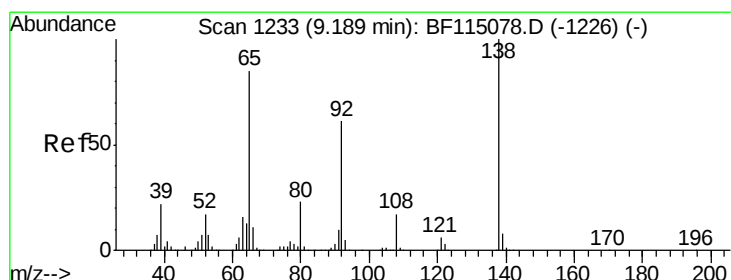
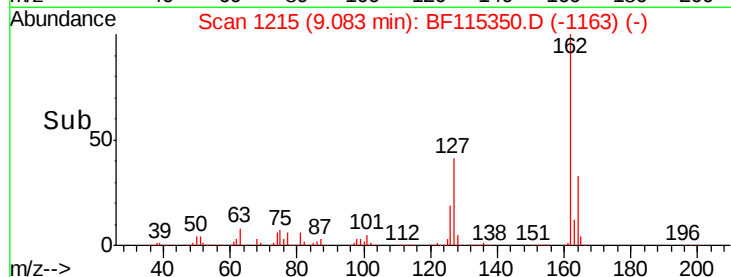
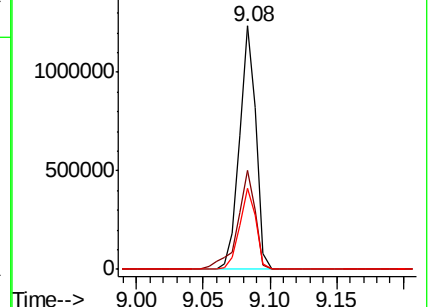
164 33.4 27.0 40.4



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: 40.386 ng

RT: 9.18 min Scan# 1231

Delta R.T. 0.01 min

Lab File: BF115350.D

Acq: 2 Jul 2019 8:23

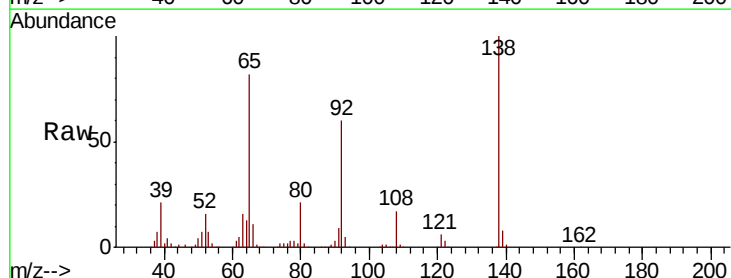
Tgt Ion: 65 Resp: 320094

Ion Ratio Lower Upper

65 100

92 73.4 57.4 86.2

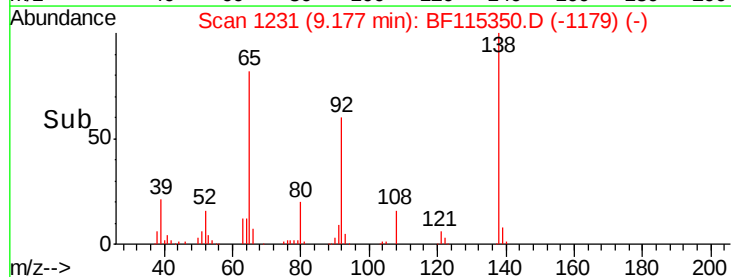
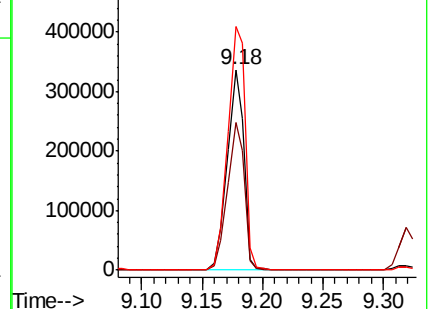
138 121.3 94.1 141.1

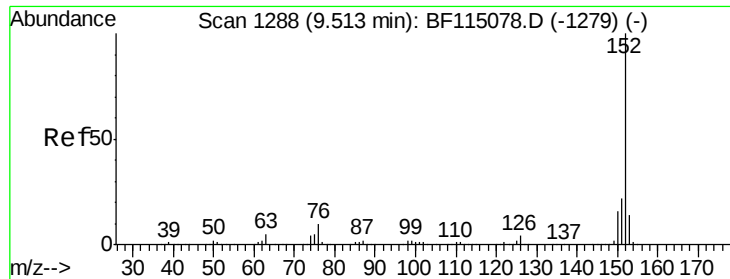


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.709 ng

RT: 9.50 min Scan# 1285

Delta R.T. 0.01 min

Lab File: BF115350.D

Acq: 2 Jul 2019 8:23

Instrument :

BNA_F

ClientSampleId :

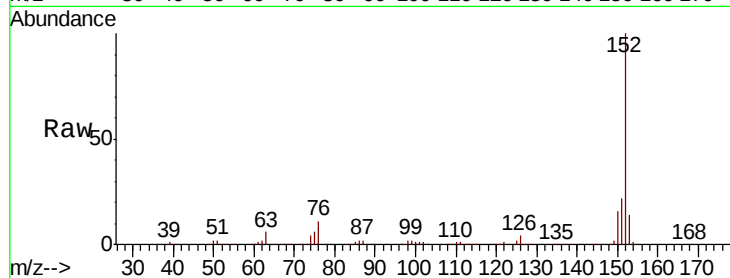
Tot Ion:152 Resp: 1639592

Ion Ratio Lower Upper

152 100

151 21.6 17.2 25.8

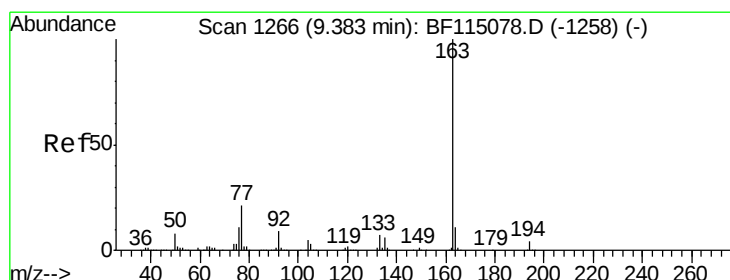
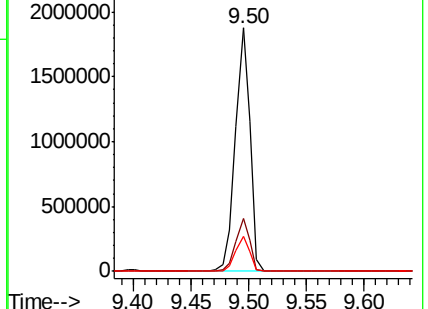
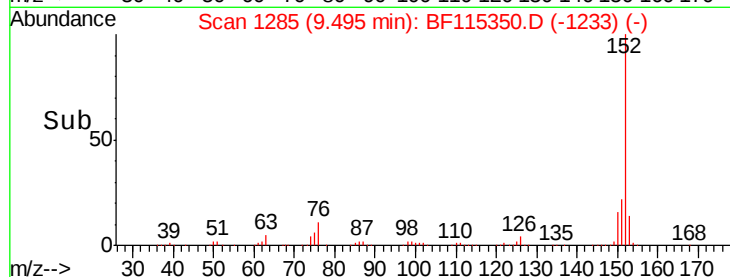
153 14.3 11.0 16.6



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: 39.920 ng

RT: 9.37 min Scan# 1264

Delta R.T. 0.01 min

Lab File: BF115350.D

Acq: 2 Jul 2019 8:23

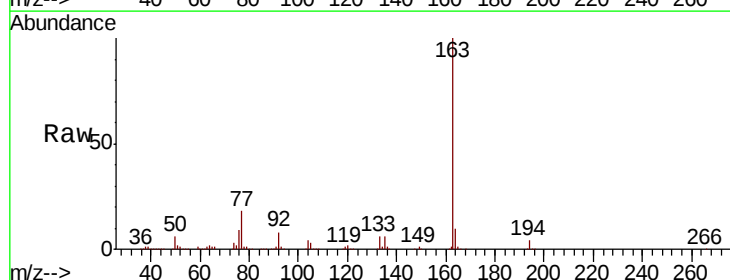
Tgt Ion:163 Resp: 1230205

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

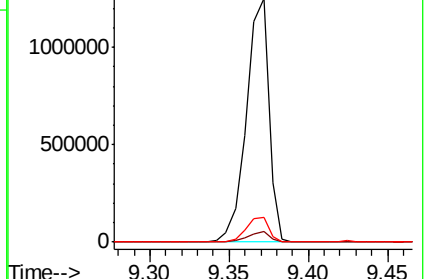
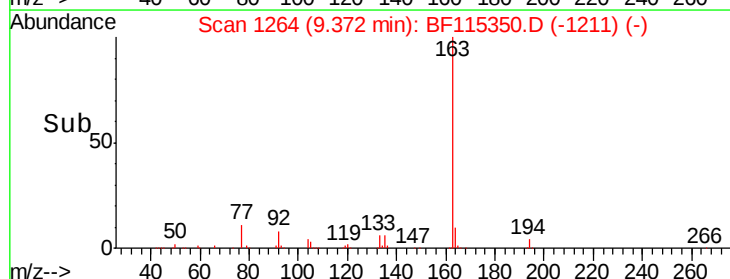
164 10.0 8.6 13.0

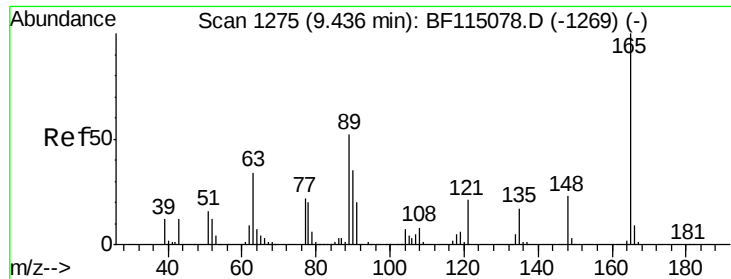


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 39.583 ng

RT: 9.42 min Scan# 1273

Delta R.T. 0.01 min

Lab File: BF115350.D

Acq: 2 Jul 2019 8:23

Instrument :

BNA_F

ClientSampled :

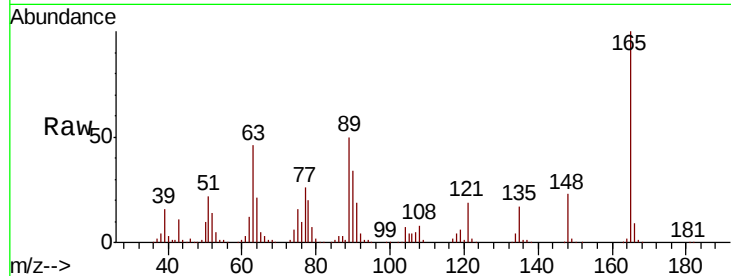
Tot Ion:165 Resp: 281623

Ion Ratio Lower Upper

165 100

63 46.2 39.4 59.2

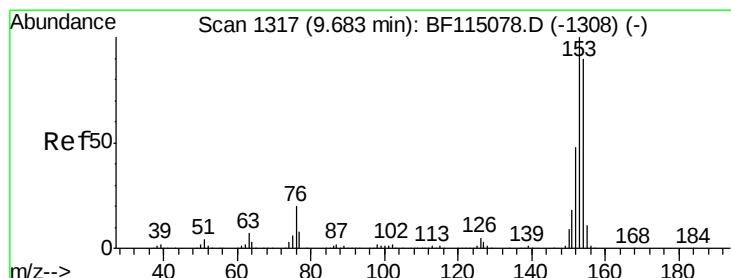
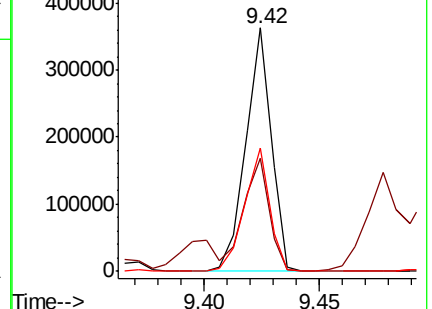
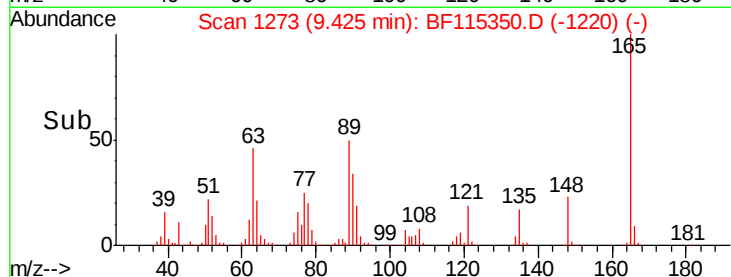
89 50.5 42.0 63.0



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: 36.018 ng

RT: 9.67 min Scan# 1315

Delta R.T. 0.01 min

Lab File: BF115350.D

Acq: 2 Jul 2019 8:23

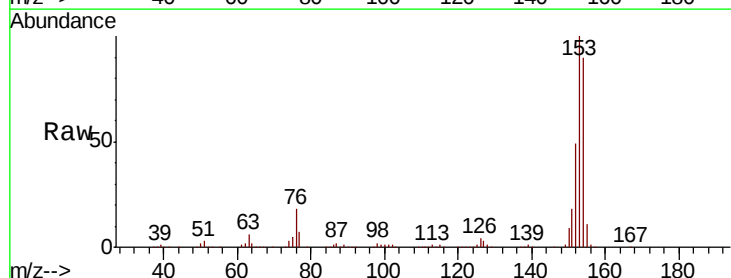
Tgt Ion:154 Resp: 954656

Ion Ratio Lower Upper

154 100

153 111.3 88.7 133.1

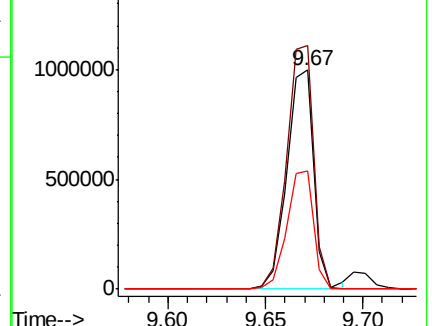
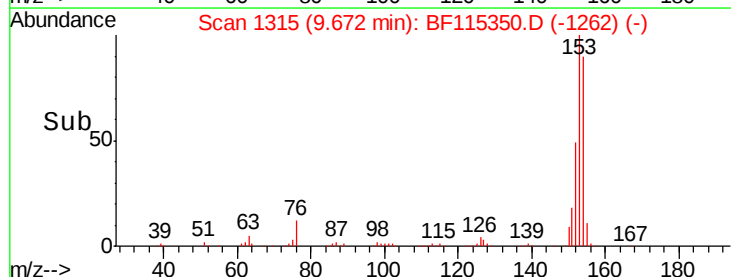
152 54.2 42.6 64.0

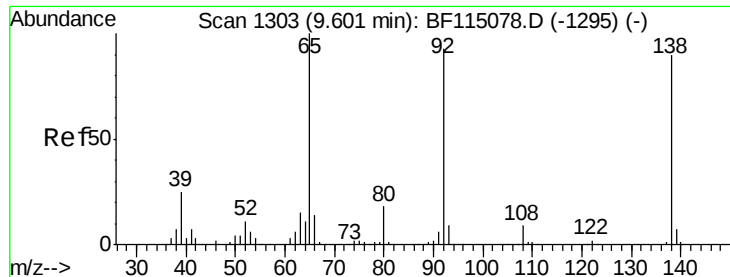


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

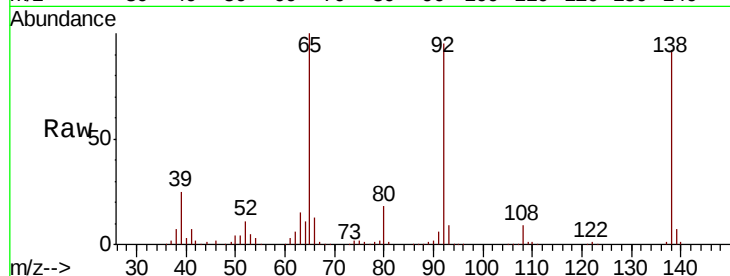




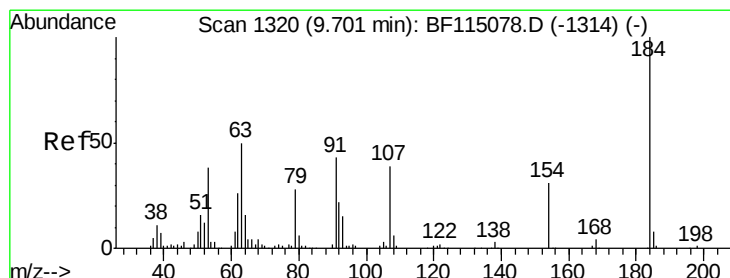
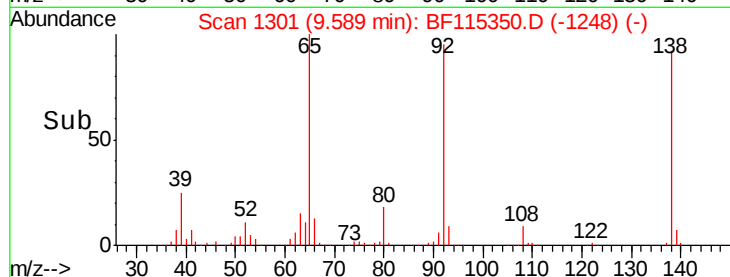
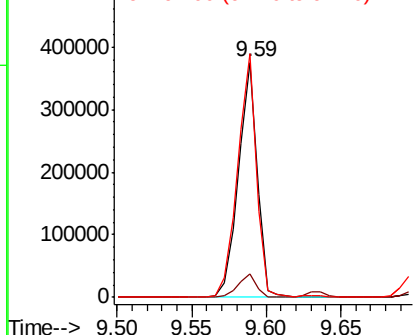
#53
3-Nitroaniline
Concen: 38.432 ng
RT: 9.59 min Scan# 1301
Delta R.T. 0.01 min
Lab File: BF115350.D
Acq: 2 Jul 2019 8:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 333680
Ion Ratio Lower Upper
138 100
108 9.7 7.8 11.6
92 103.6 82.9 124.3

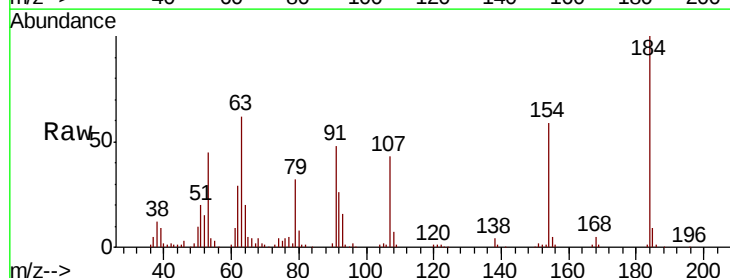


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

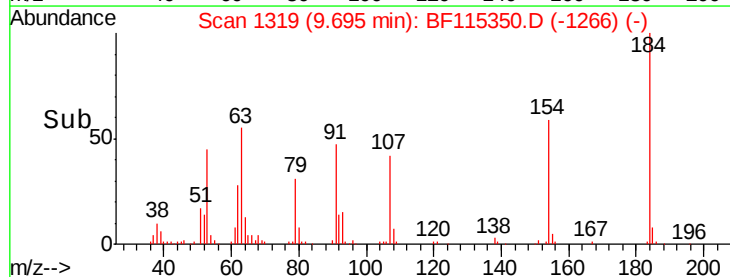
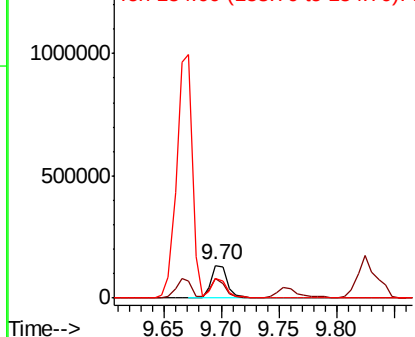


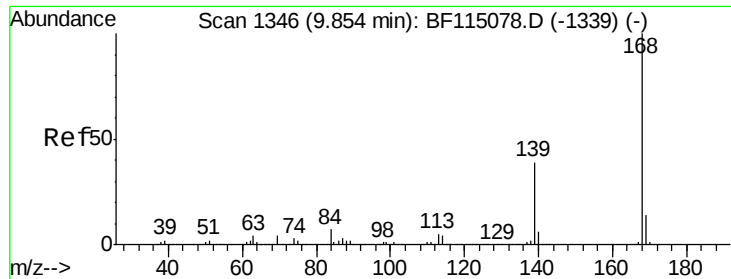
#54
2,4-Dinitrophenol
Concen: 41.517 ng
RT: 9.70 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF115350.D
Acq: 2 Jul 2019 8:23

Tgt Ion:184 Resp: 137755
Ion Ratio Lower Upper
184 100
63 61.7 41.9 62.9
154 59.4 44.7 67.1



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

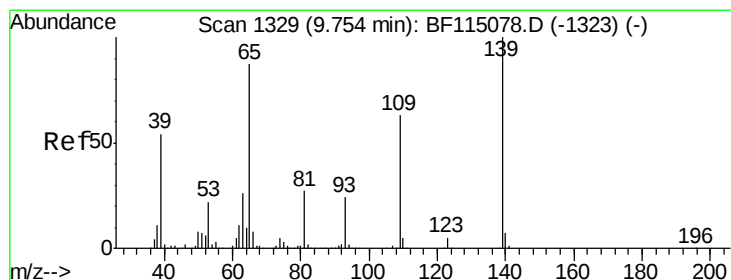
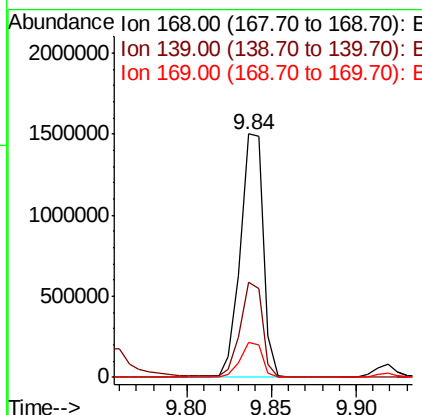
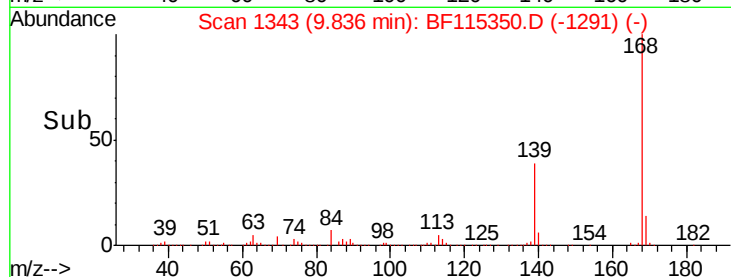
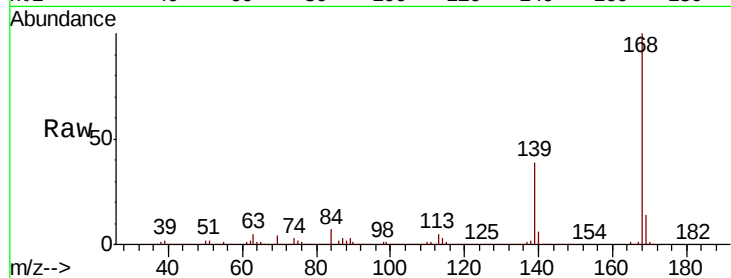




#55
Dibenzofuran
Concen: 37.346 ng
RT: 9.84 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF115350.D
Acq: 2 Jul 2019 8:23

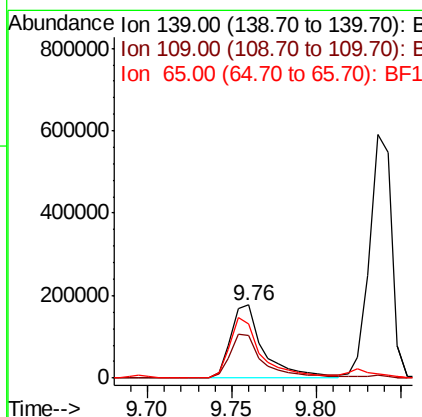
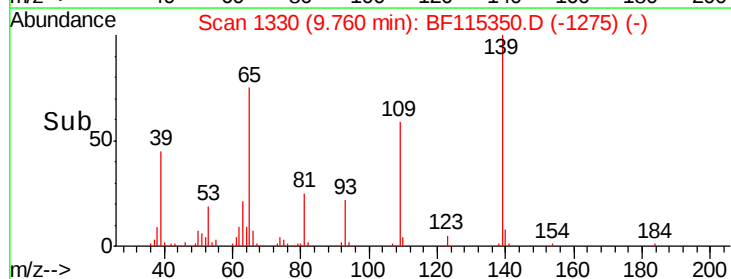
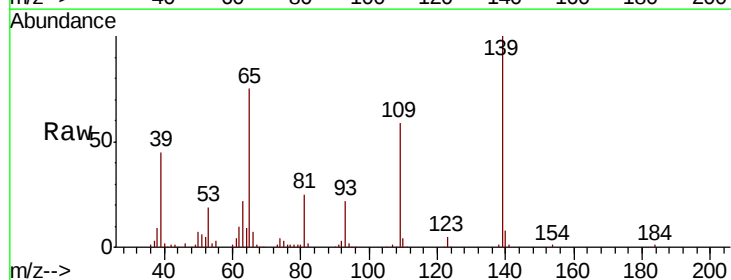
Instrument :
BNA_F
ClientSampleId :

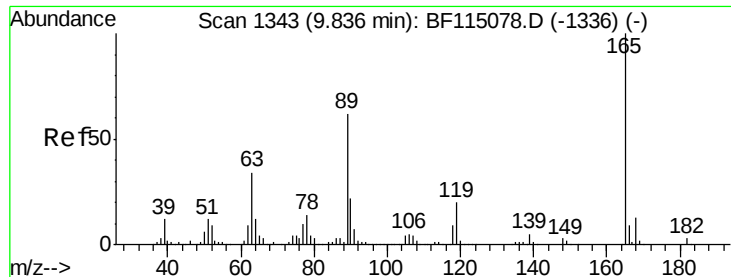
Tot Ion:168 Resp: 1420701
Ion Ratio Lower Upper
168 100
139 39.3 31.1 46.7
169 14.4 11.3 16.9



#56
4-Nitrophenol
Concen: 34.608 ng
RT: 9.76 min Scan# 1330
Delta R.T. 0.02 min
Lab File: BF115350.D
Acq: 2 Jul 2019 8:23

Tgt Ion:139 Resp: 240890
Ion Ratio Lower Upper
139 100
109 58.6 43.0 83.0
65 74.7 67.0 107.0

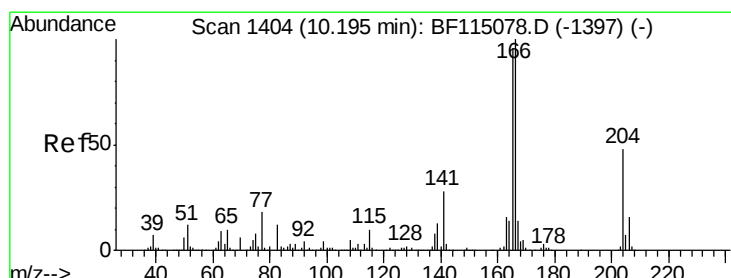
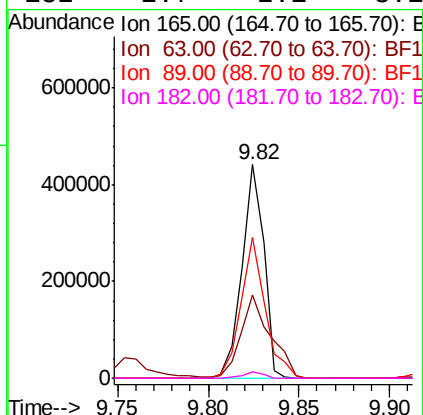
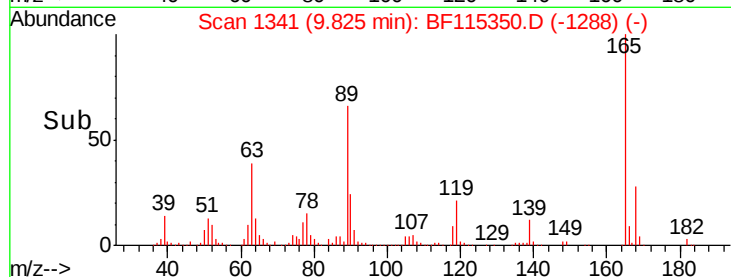
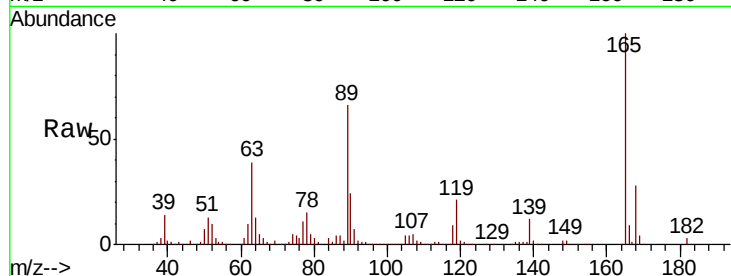




#57
2,4-Dinitrotoluene
Concen: 40.252 ng
RT: 9.82 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF115350.D
Acq: 2 Jul 2019 8:23

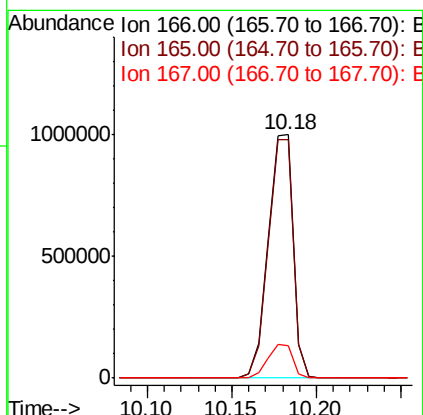
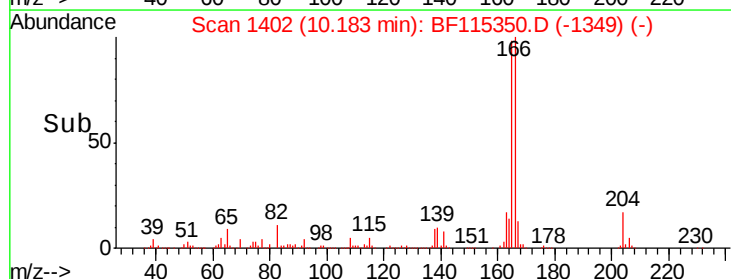
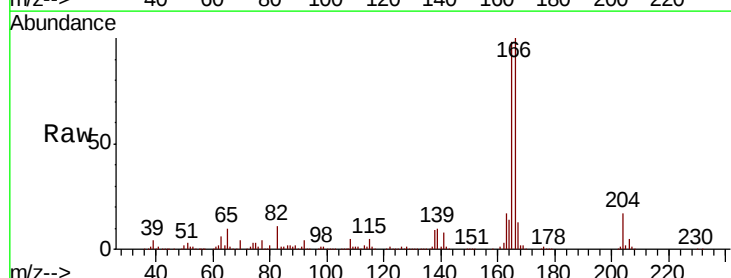
Instrument :
BNA_F
ClientSampled :

Tot Ion:165	Resp:	369779	
Ion Ratio	Lower	Upper	
165 100			
63 39.0	27.5	41.3	
89 66.0	49.9	74.9	
182 2.7	2.1	3.1	



#58
Fluorene
Concen: 38.955 ng
RT: 10.18 min Scan# 1402
Delta R.T. 0.01 min
Lab File: BF115350.D
Acq: 2 Jul 2019 8:23

Tgt	Ion:166	Resp:	1009067
Ion	Ratio	Lower	Upper
166	100		
165	98.1	76.5	114.7
167	13.1	11.0	16.4

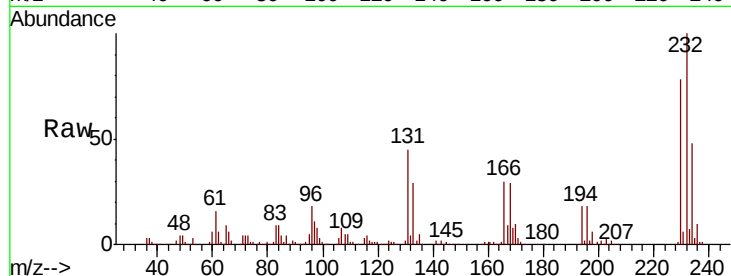




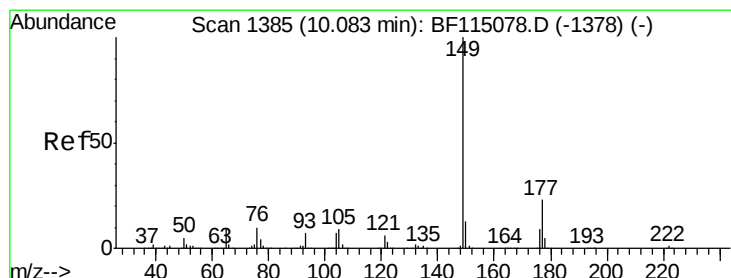
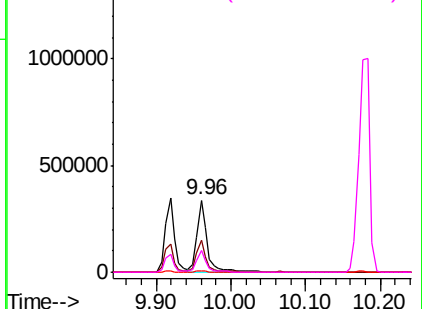
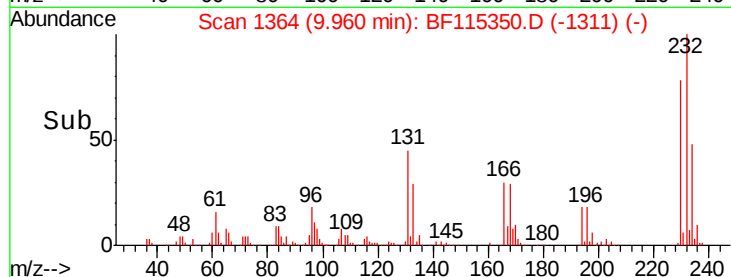
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.708 ng
 RT: 9.96 min Scan# 1364
 Delta R.T. 0.01 min
 Lab File: BF115350.D
 Acq: 2 Jul 2019 8:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	232	Resp:	329114
Ion	Ratio	Lower	Upper
232	100		
131	43.8	37.4	56.0
130	2.1	1.8	2.6
166	28.4	24.6	36.8

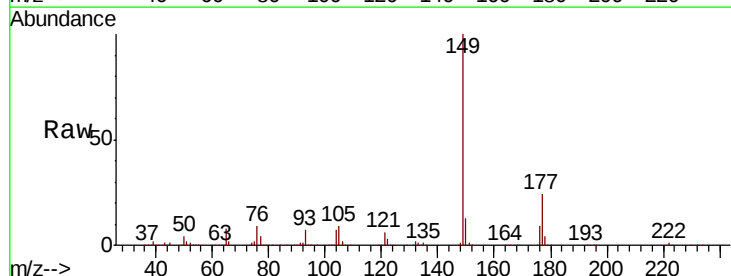


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

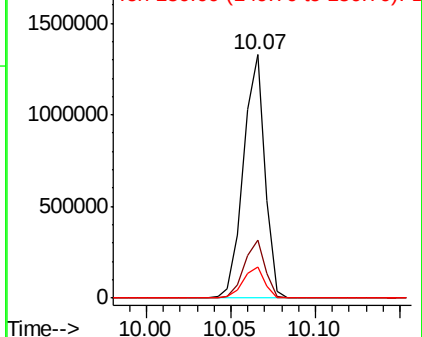
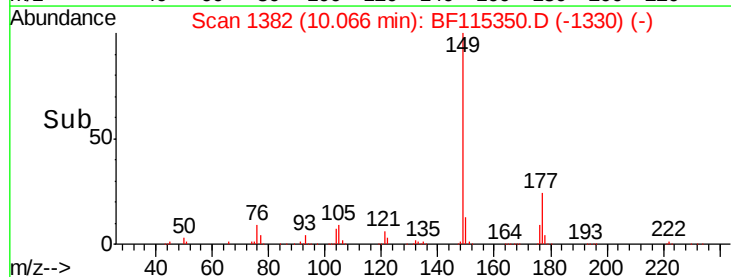


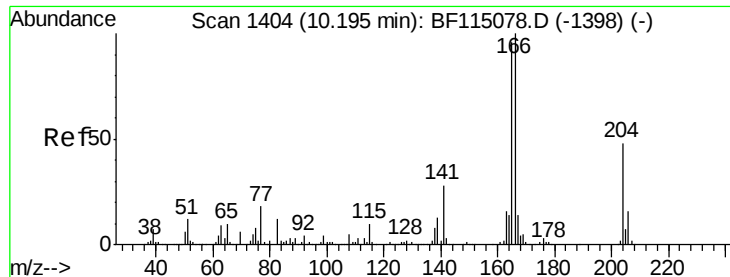
#60
 Diethylphthalate
 Concen: 38.002 ng
 RT: 10.07 min Scan# 1382
 Delta R.T. 0.01 min
 Lab File: BF115350.D
 Acq: 2 Jul 2019 8:23

Tgt Ion:	149	Resp:	1177205
Ion	Ratio	Lower	Upper
149	100		
177	23.9	18.7	28.1
150	12.7	10.4	15.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

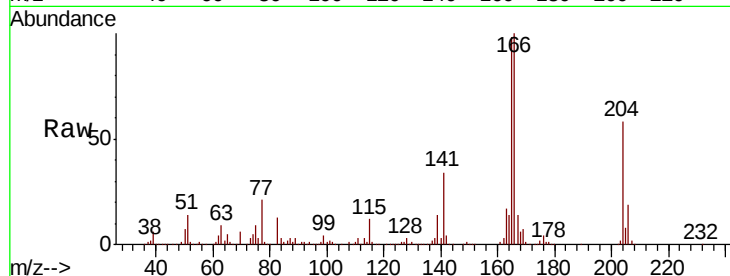




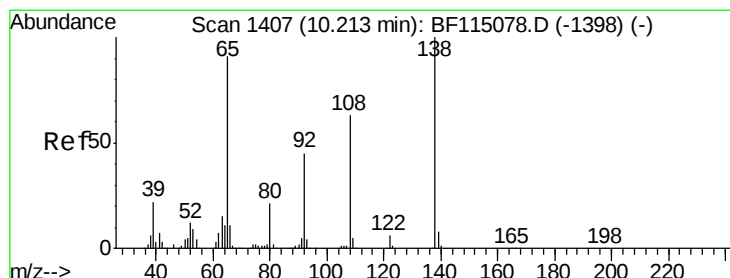
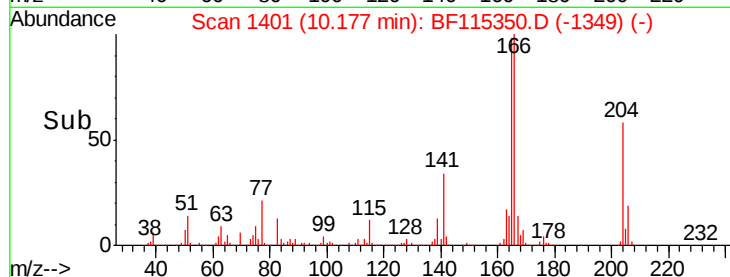
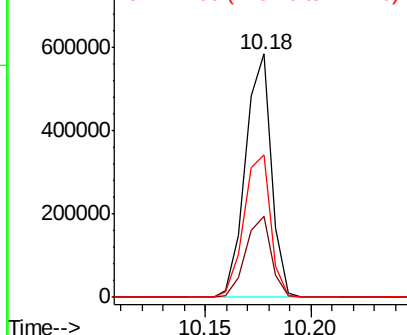
#61
 4-Chlorophenyl-phenylether
 Concen: 40.607 ng
 RT: 10.18 min Scan# 1401
 Delta R.T. 0.01 min
 Lab File: BF115350.D
 Acq: 2 Jul 2019 8:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:204 Resp: 496751
 Ion Ratio Lower Upper
 204 100
 206 33.1 26.6 40.0
 141 58.7 46.7 70.1

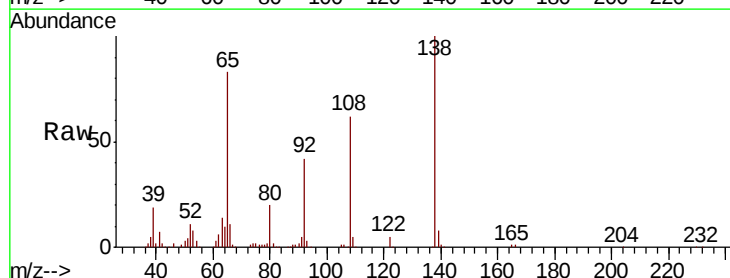


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

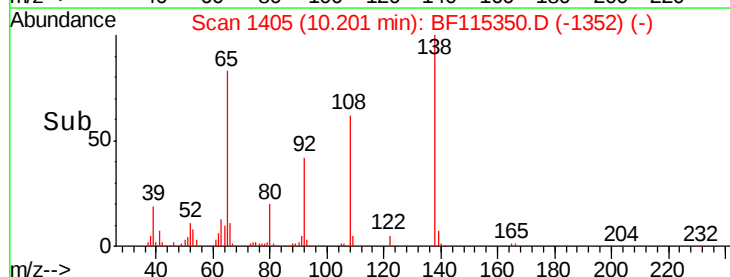
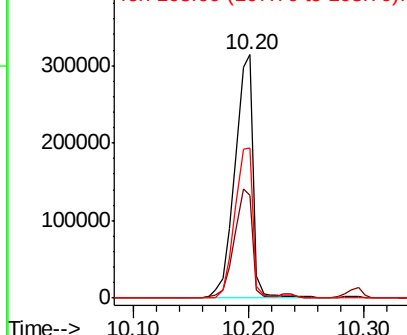


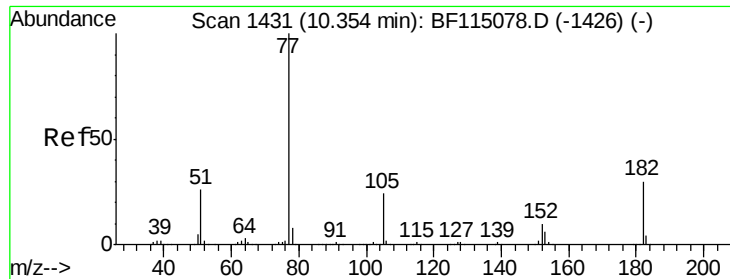
#62
 4-Nitroaniline
 Concen: 39.643 ng
 RT: 10.20 min Scan# 1405
 Delta R.T. 0.01 min
 Lab File: BF115350.D
 Acq: 2 Jul 2019 8:23

Tgt Ion:138 Resp: 345286
 Ion Ratio Lower Upper
 138 100
 92 42.1 24.8 64.8
 108 61.9 43.3 83.3



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

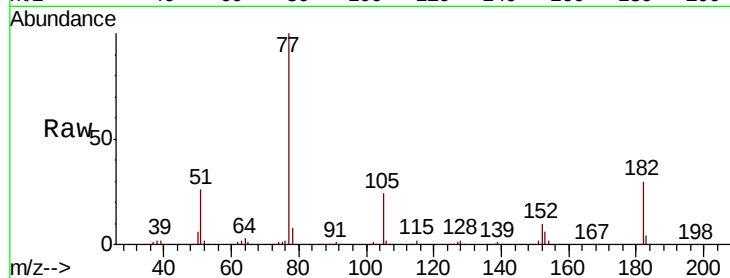




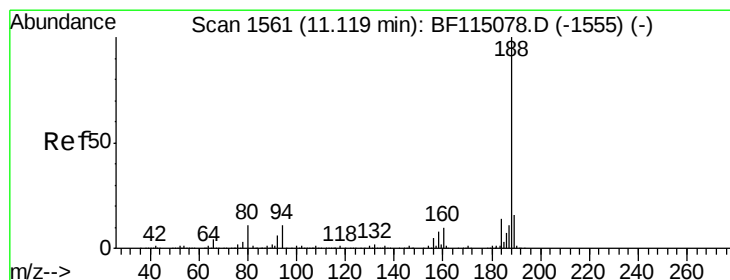
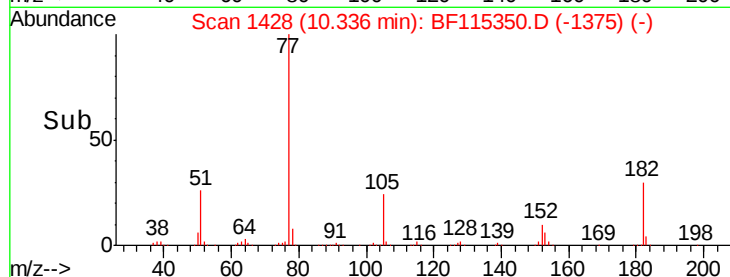
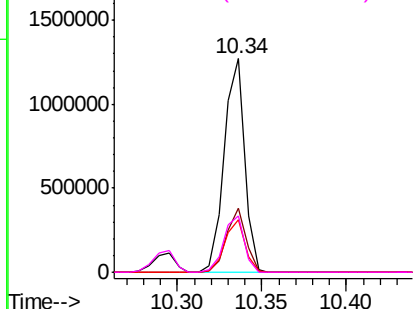
#63
Azobenzene
Concen: 37.013 ng
RT: 10.34 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF115350.D
Acq: 2 Jul 2019 8:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1070938
Ion Ratio Lower Upper
77 100
182 30.2 10.1 50.1
105 24.5 4.5 44.5
51 26.2 6.4 46.4

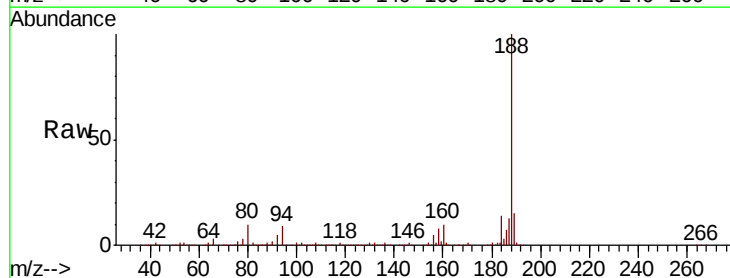


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

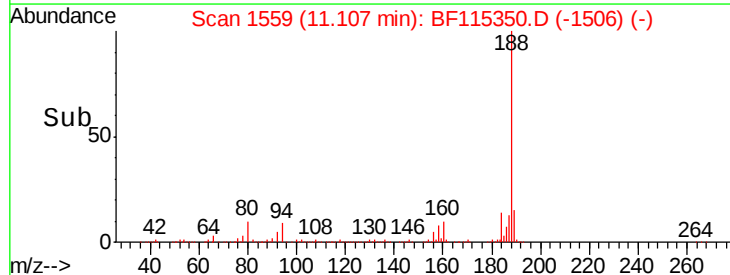
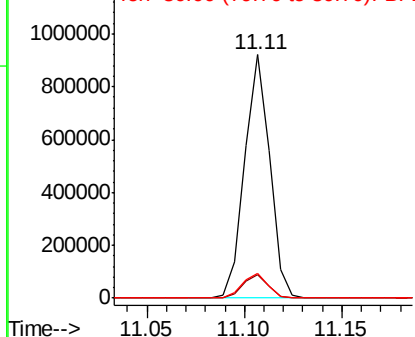


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1559
Delta R.T. 0.01 min
Lab File: BF115350.D
Acq: 2 Jul 2019 8:23

Tgt Ion: 188 Resp: 822293
Ion Ratio Lower Upper
188 100
94 9.5 8.6 12.8
80 9.9 8.8 13.2



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





#65

4,6-Dinitro-2-methylphenol

Concen: 41.949 ng

RT: 10.24 min Scan# 1411

Delta R.T. 0.02 min

Lab File: BF115350.D

Acq: 2 Jul 2019 8:23

Instrument :

BNA_F

ClientSampleId :

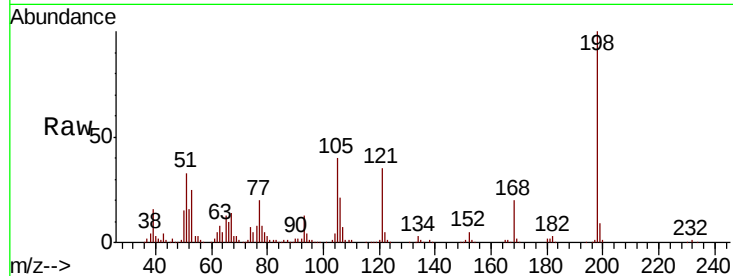
Tot Ion:198 Resp: 180489

Ion Ratio Lower Upper

198 100

51 33.4 11.0 51.0

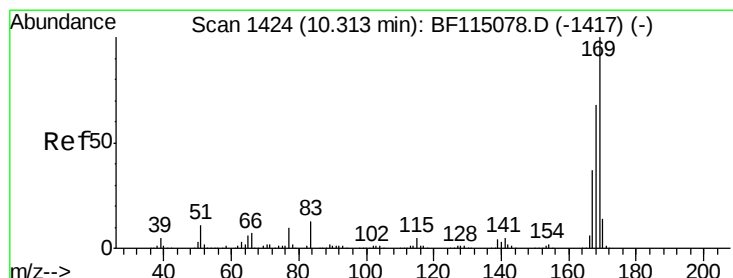
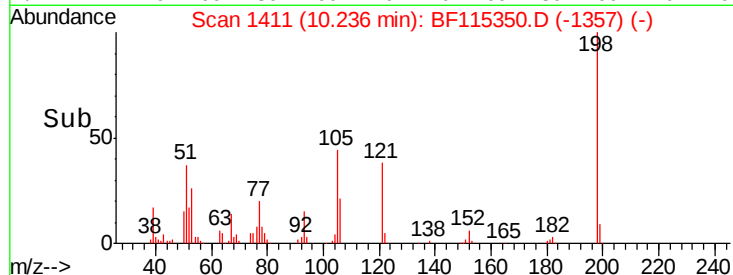
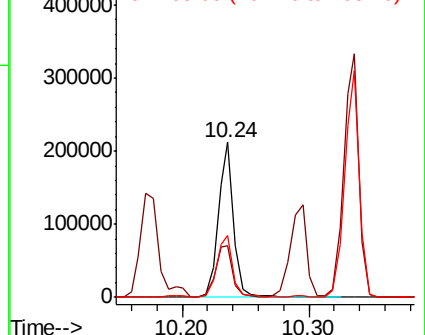
105 39.8 17.3 57.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.892 ng

RT: 10.30 min Scan# 1421

Delta R.T. 0.01 min

Lab File: BF115350.D

Acq: 2 Jul 2019 8:23

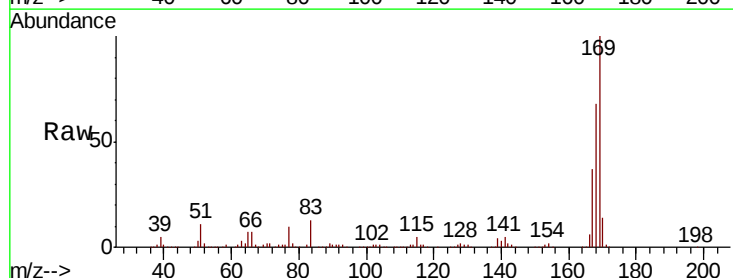
Tgt Ion:169 Resp: 970734

Ion Ratio Lower Upper

169 100

168 67.8 54.2 81.4

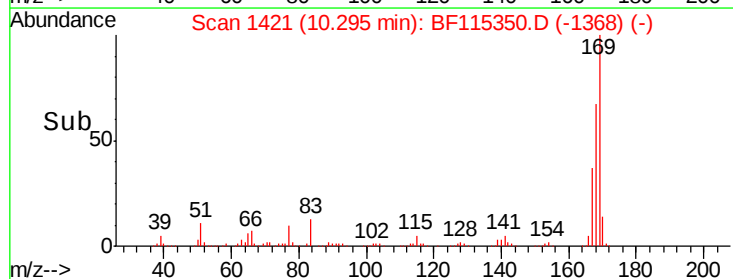
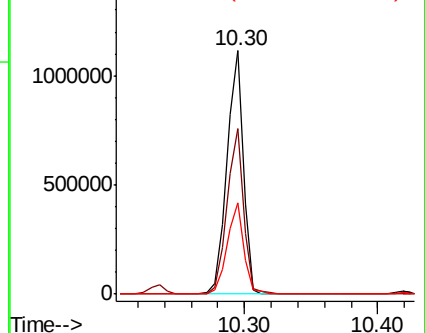
167 37.4 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

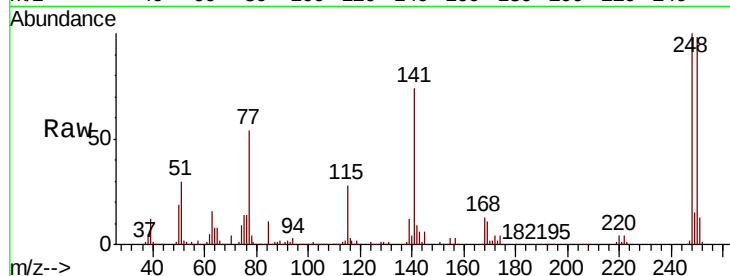




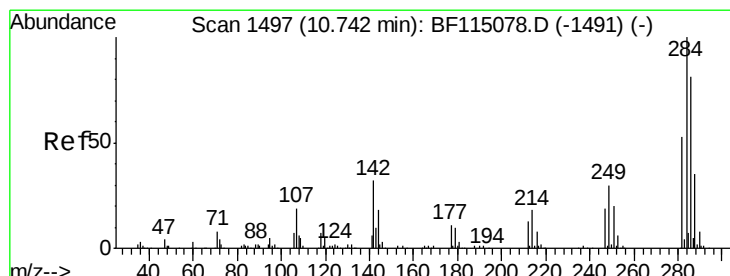
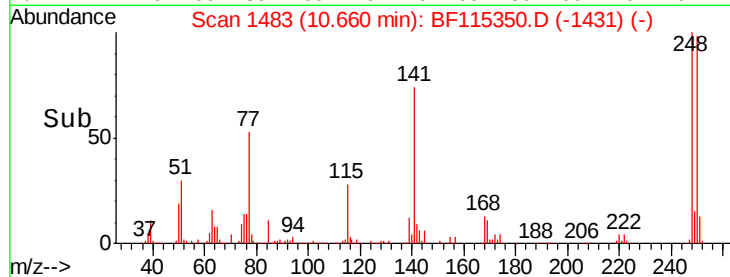
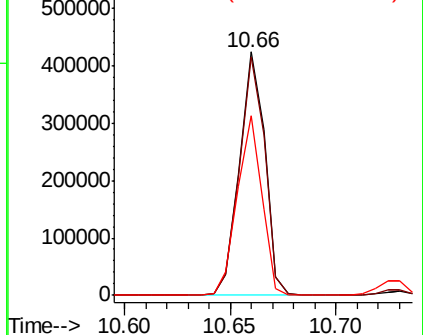
#67
4-Bromophenyl-phenylether
Concen: 39.538 ng
RT: 10.66 min Scan# 1483
Delta R.T. 0.01 min
Lab File: BF115350.D
Acq: 2 Jul 2019 8:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 352497
Ion Ratio Lower Upper
248 100
250 97.9 76.2 114.2
141 73.9 59.6 89.4

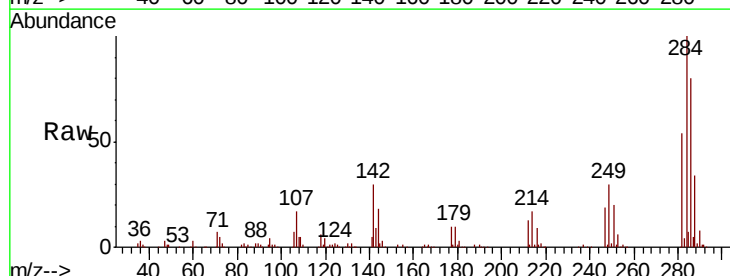


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

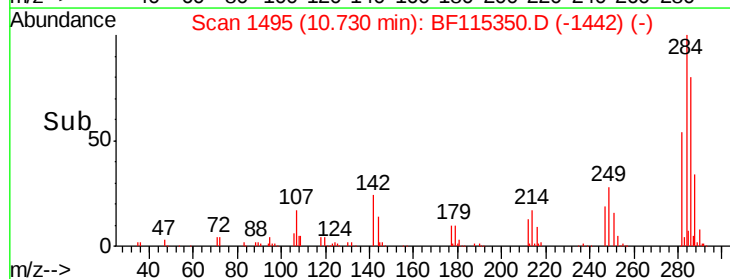
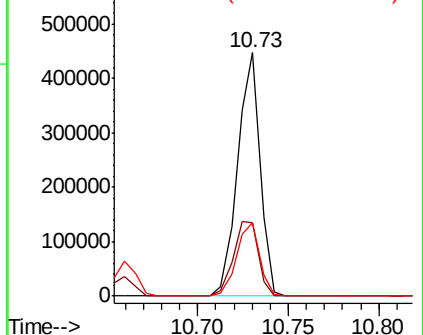


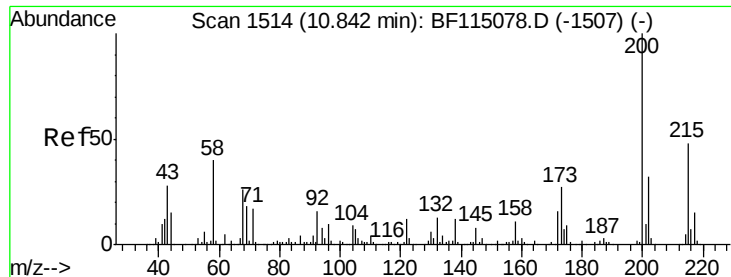
#68
Hexachlorobenzene
Concen: 39.640 ng
RT: 10.73 min Scan# 1495
Delta R.T. 0.01 min
Lab File: BF115350.D
Acq: 2 Jul 2019 8:23

Tgt Ion:284 Resp: 383599
Ion Ratio Lower Upper
284 100
142 30.2 25.8 38.8
249 30.3 24.2 36.4



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

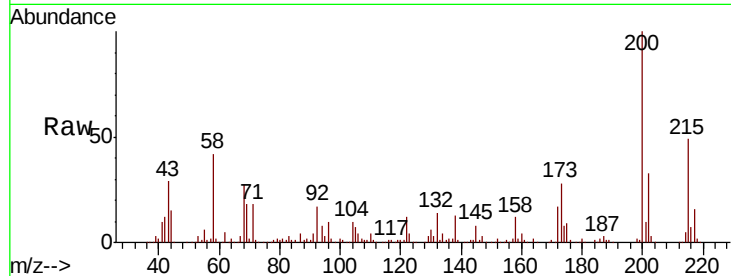




#69
 Atrazine
 Concen: 39.141 ng
 RT: 10.82 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: BF115350.D
 Acq: 2 Jul 2019 8:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.0	7.4	47.4
215	48.7	27.8	67.8

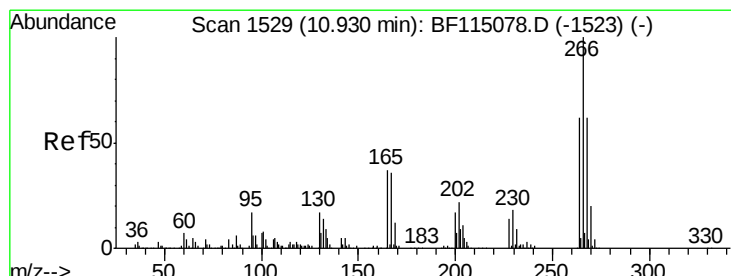
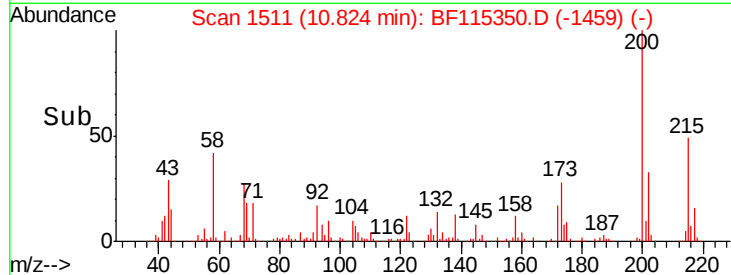
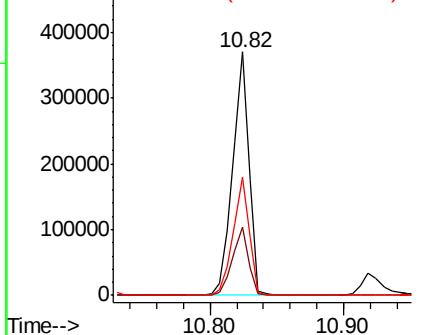


Abundance

Ion 200.00 (199.70 to 200.70): E

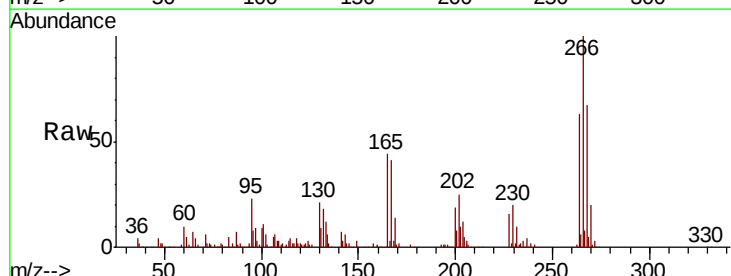
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 37.265 ng
 RT: 10.92 min Scan# 1527
 Delta R.T. 0.01 min
 Lab File: BF115350.D
 Acq: 2 Jul 2019 8:23

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.8	49.5	74.3
264	62.7	49.3	73.9

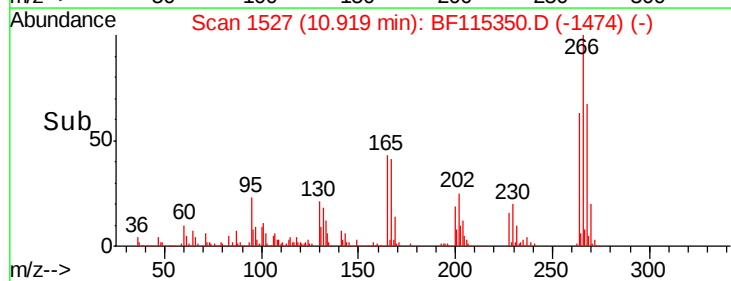
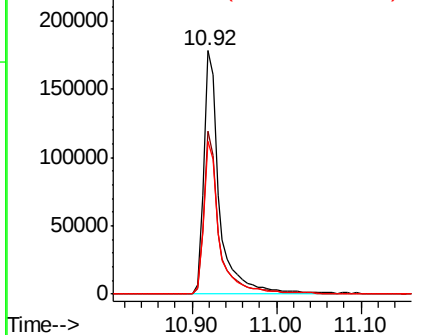


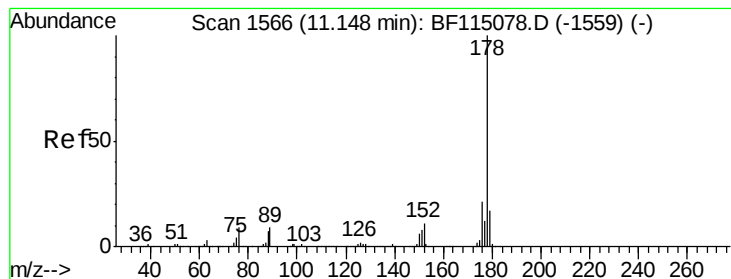
Abundance

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: 37.010 ng

RT: 11.13 min Scan# 1563

Delta R.T. 0.01 min

Lab File: BF115350.D

Acq: 2 Jul 2019 8:23

Instrument :

BNA_F

ClientSampleId :

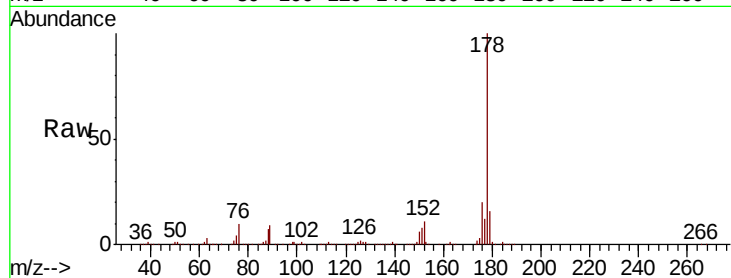
Tot Ion:178 Resp: 1638576

Ion Ratio Lower Upper

178 100

176 20.5 16.9 25.3

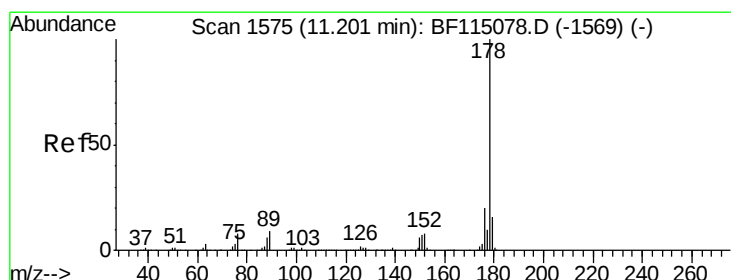
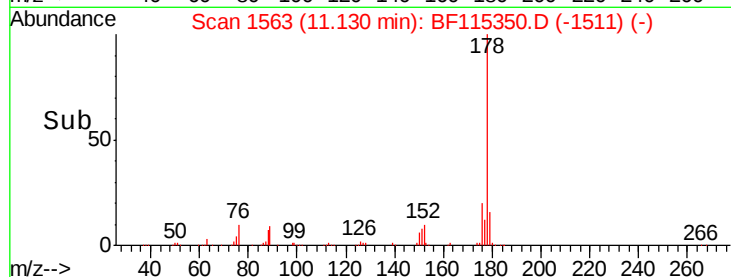
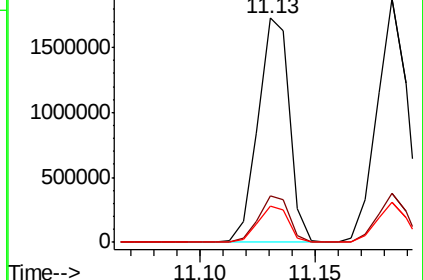
179 16.4 13.2 19.8



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: 37.411 ng

RT: 11.18 min Scan# 1572

Delta R.T. 0.01 min

Lab File: BF115350.D

Acq: 2 Jul 2019 8:23

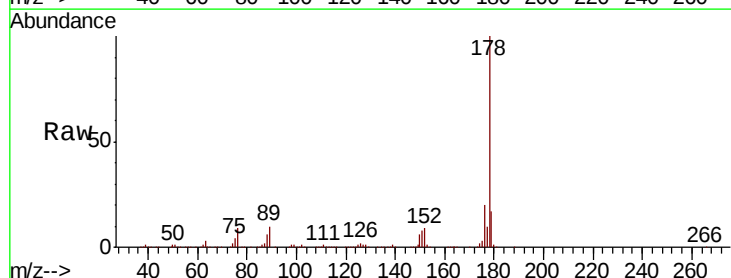
Tgt Ion:178 Resp: 1671917

Ion Ratio Lower Upper

178 100

176 20.3 16.1 24.1

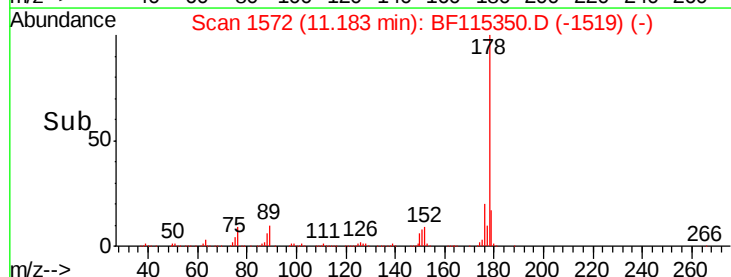
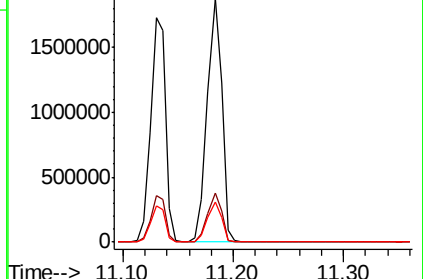
179 16.5 12.9 19.3



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



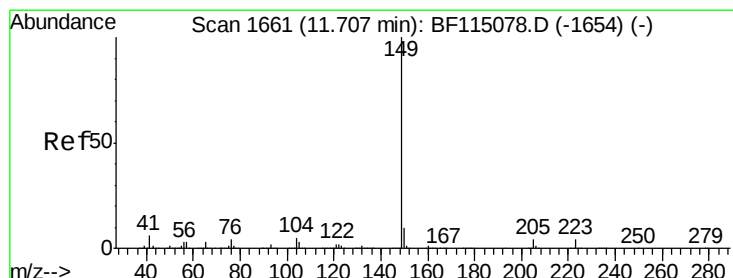
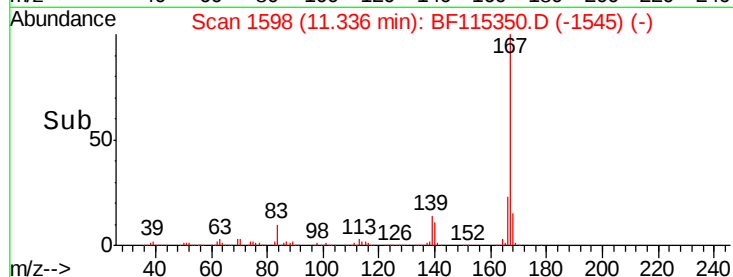
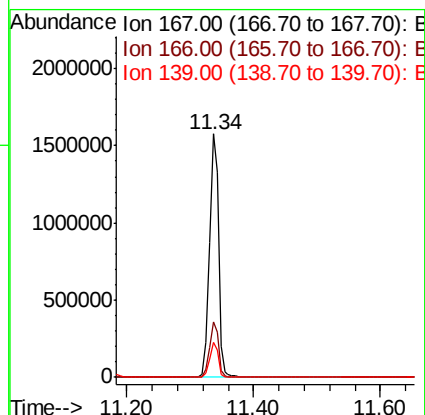
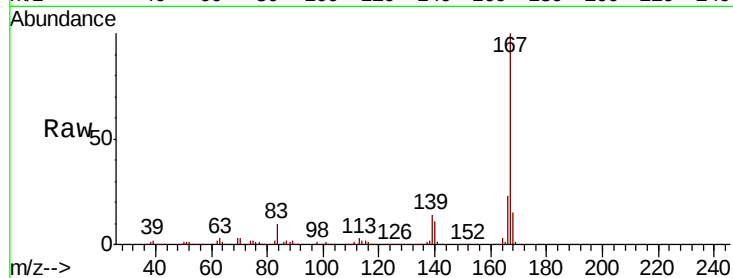


#73
 Carbazole
 Concen: 38.432 ng
 RT: 11.34 min Scan# 1598
 Delta R.T. 0.01 min
 Lab File: BF115350.D
 Acq: 2 Jul 2019 8:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1533722

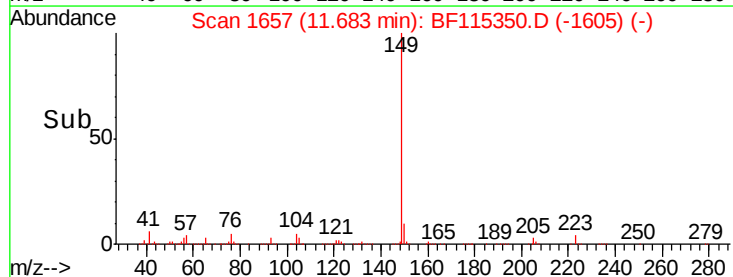
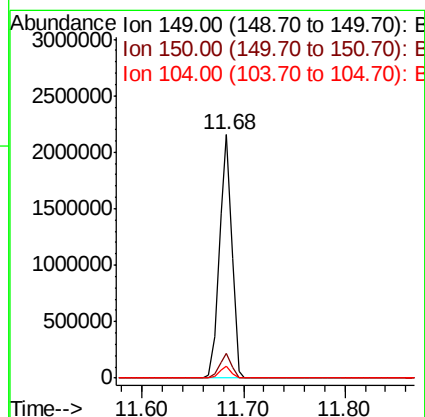
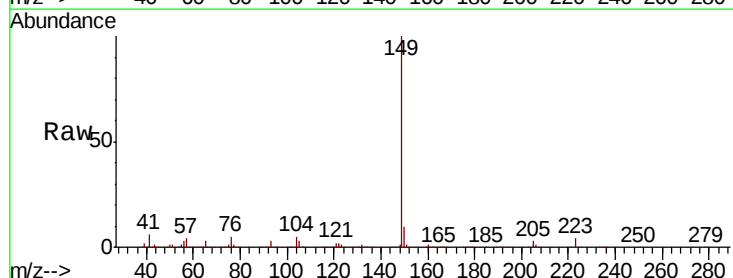
Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.0	27.0
139	14.2	11.1	16.7

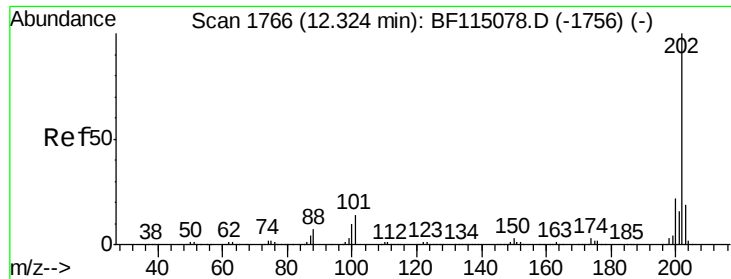


#74
 Di-n-butylphthalate
 Concen: 39.369 ng
 RT: 11.68 min Scan# 1657
 Delta R.T. 0.01 min
 Lab File: BF115350.D
 Acq: 2 Jul 2019 8:23

Tgt Ion:149 Resp: 1815501

Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.8	11.8
104	4.9	3.7	5.5

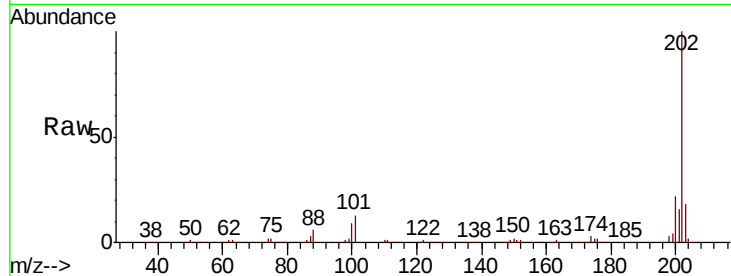




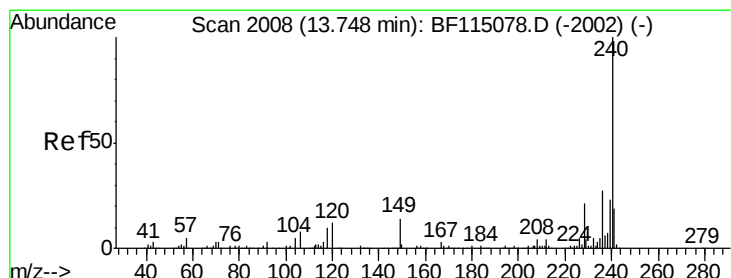
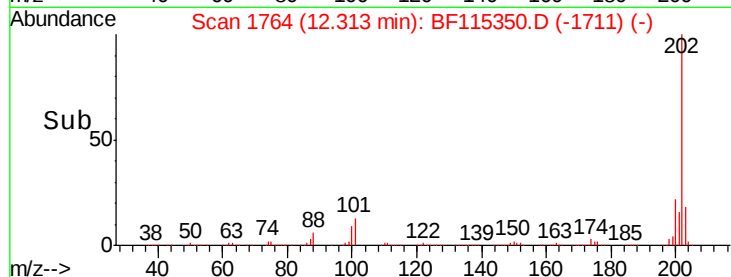
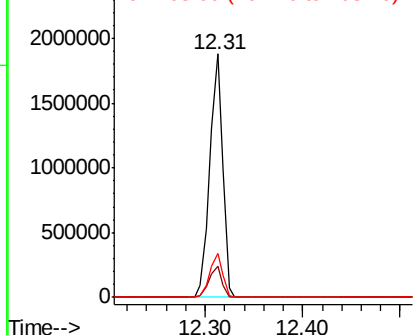
#75
 Fluoranthene
 Concen: 39.162 ng
 RT: 12.31 min Scan# 1764
 Delta R.T. 0.01 min
 Lab File: BF115350.D
 Acq: 2 Jul 2019 8:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:202 Resp: 1729914
 Ion Ratio Lower Upper
 202 100
 101 12.6 0.0 34.0
 203 18.2 0.0 38.8

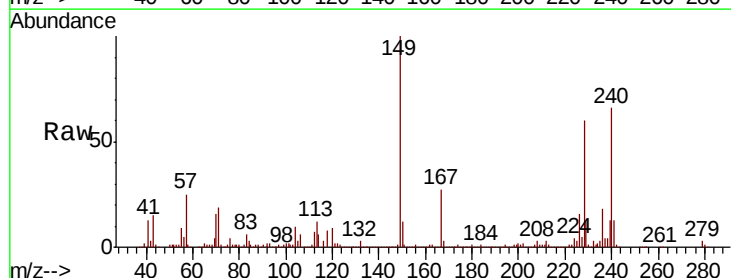


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

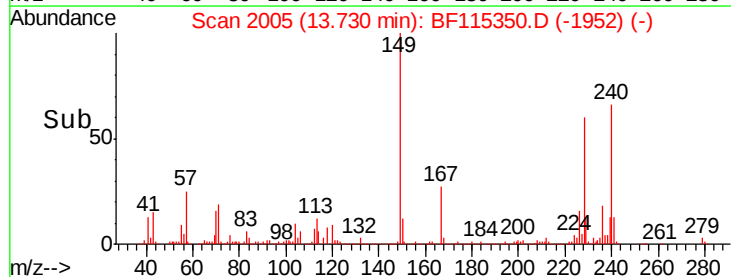
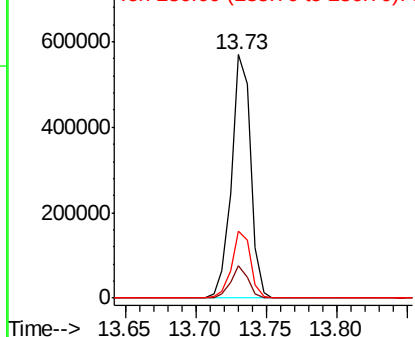


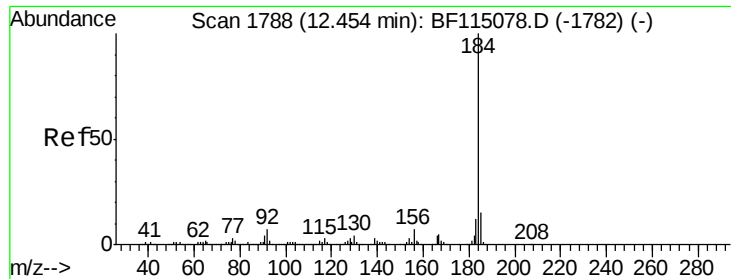
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.73 min Scan# 2005
 Delta R.T. 0.01 min
 Lab File: BF115350.D
 Acq: 2 Jul 2019 8:23

Tgt Ion:240 Resp: 539056
 Ion Ratio Lower Upper
 240 100
 120 13.5 9.4 14.2
 236 27.3 21.7 32.5



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





#77

Benzidine

Concen: 38.909 ng

RT: 12.44 min Scan# 1785

Delta R.T. 0.01 min

Lab File: BF115350.D

Acq: 2 Jul 2019 8:23

Instrument :

BNA_F

ClientSampled :

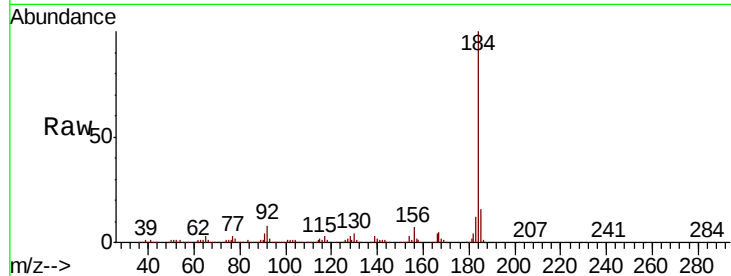
Tot Ion:184 Resp: 931340

Ion Ratio Lower Upper

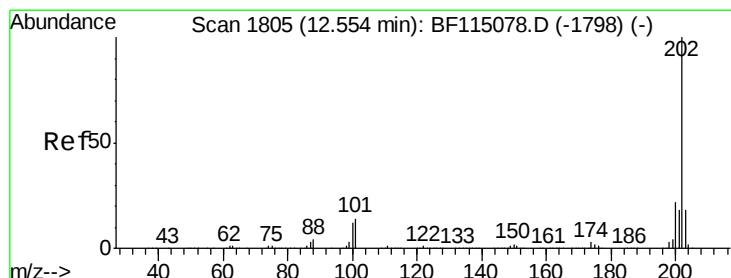
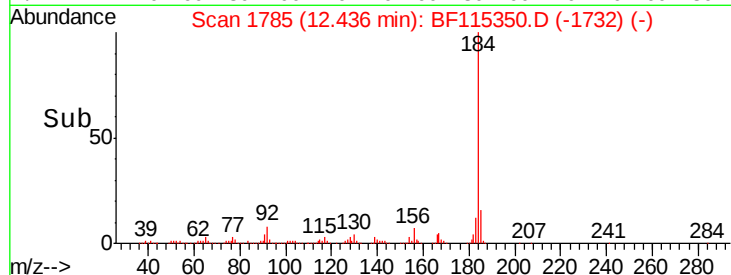
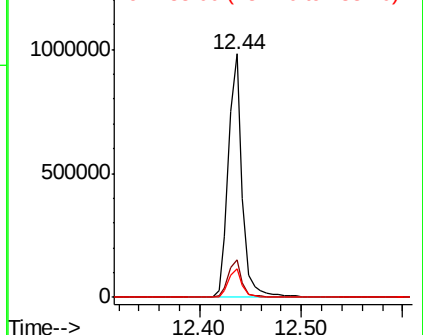
184 100

185 15.6 12.2 18.2

183 11.8 9.6 14.4



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: 42.014 ng

RT: 12.54 min Scan# 1802

Delta R.T. 0.01 min

Lab File: BF115350.D

Acq: 2 Jul 2019 8:23

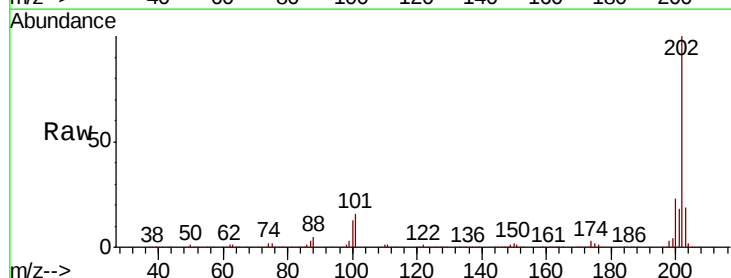
Tgt Ion:202 Resp: 1740498

Ion Ratio Lower Upper

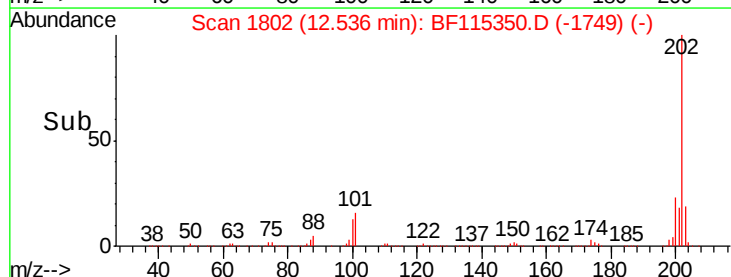
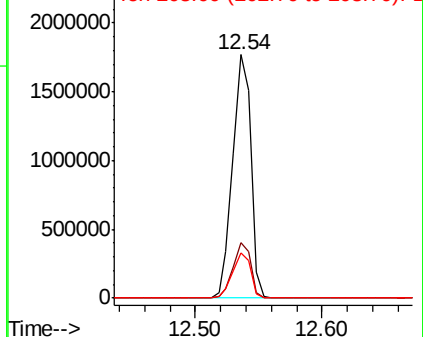
202 100

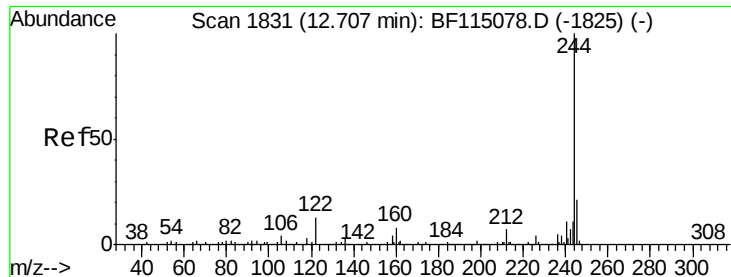
200 22.9 17.9 26.9

203 18.7 14.6 21.8



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: 85.855 ng

RT: 12.69 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF115350.D

Acq: 2 Jul 2019 8:23

Instrument :

BNA_F

ClientSampleId :

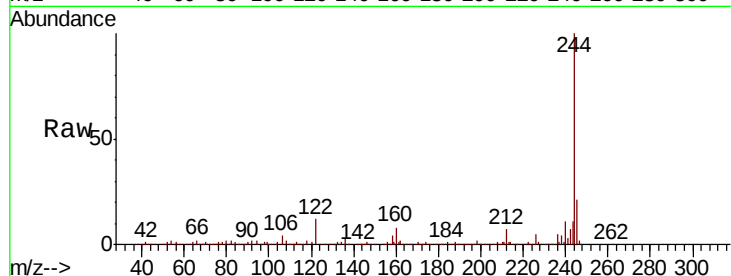
Tot Ion:244 Resp: 2176722

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

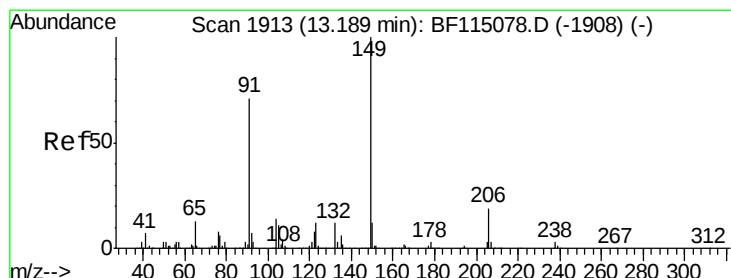
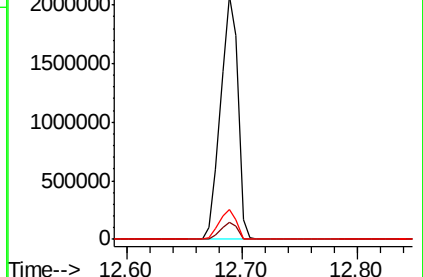
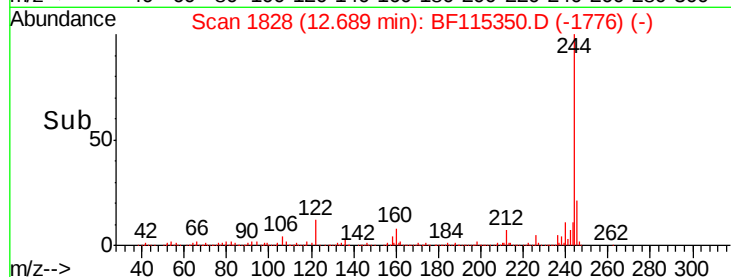
122 12.4 10.4 15.6



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: 44.909 ng

RT: 13.17 min Scan# 1909

Delta R.T. 0.01 min

Lab File: BF115350.D

Acq: 2 Jul 2019 8:23

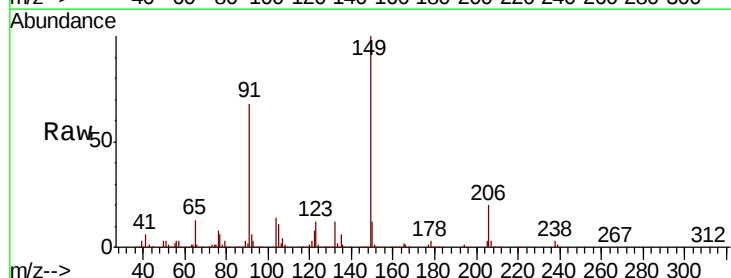
Tgt Ion:149 Resp: 821033

Ion Ratio Lower Upper

149 100

91 68.2 56.5 84.7

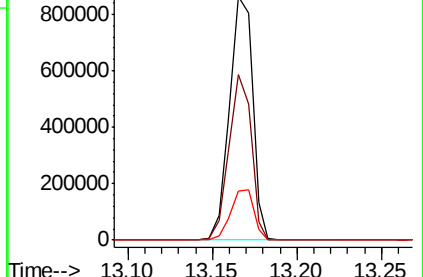
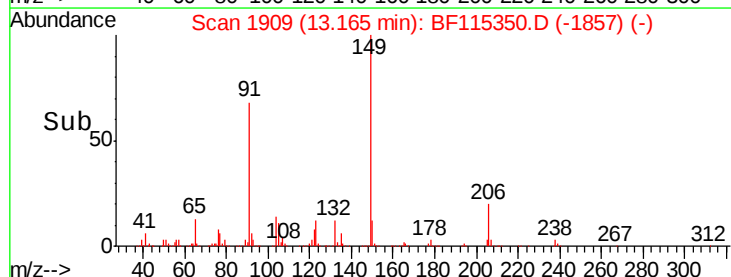
206 20.1 15.3 22.9



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: 41.680 ng

RT: 13.72 min Scan# 2003

Delta R.T. 0.01 min

Lab File: BF115350.D

Acq: 2 Jul 2019 8:23

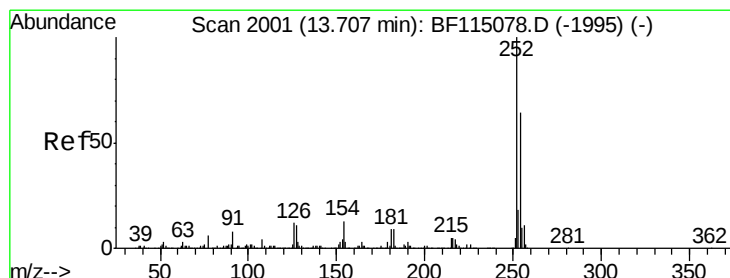
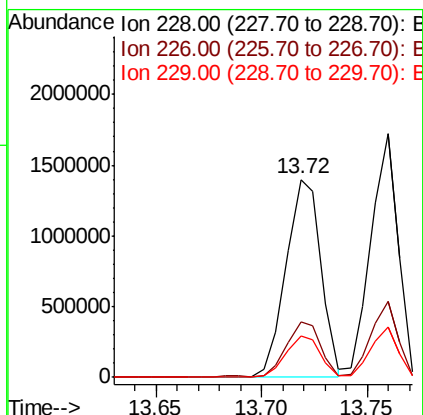
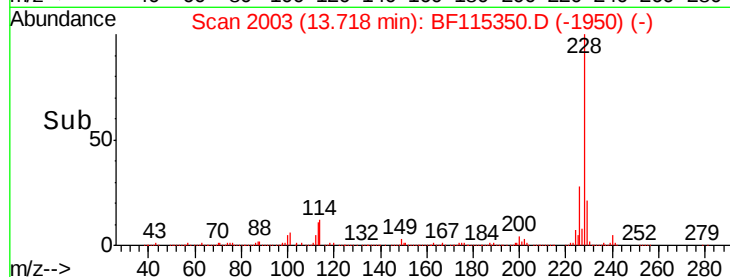
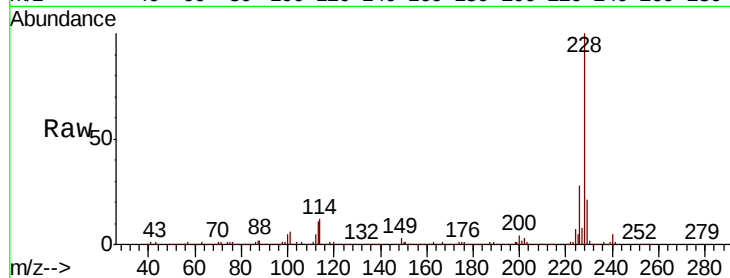
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1612161

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.5	33.7
229	20.8	16.6	24.8



#82

3,3'-Dichlorobenzidine

Concen: 44.701 ng

RT: 13.69 min Scan# 1998

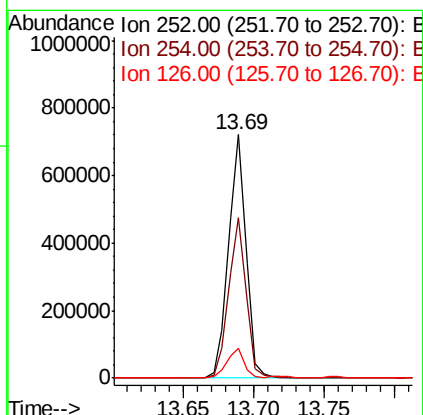
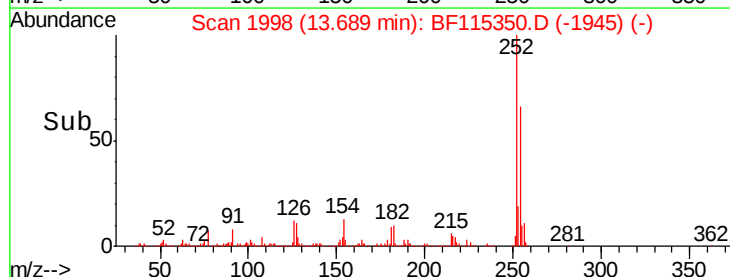
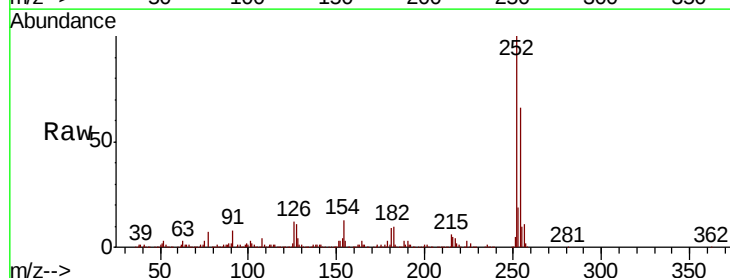
Delta R.T. 0.01 min

Lab File: BF115350.D

Acq: 2 Jul 2019 8:23

Tgt Ion:252 Resp: 624372

Ion	Ratio	Lower	Upper
252	100		
254	65.7	51.1	76.7
126	12.2	9.4	14.0





#83

Chrysene

Concen: 44.127 ng

RT: 13.76 min Scan# 2010

Delta R.T. 0.02 min

Lab File: BF115350.D

Acq: 2 Jul 2019 8:23

Instrument :

BNA_F

ClientSampleId :

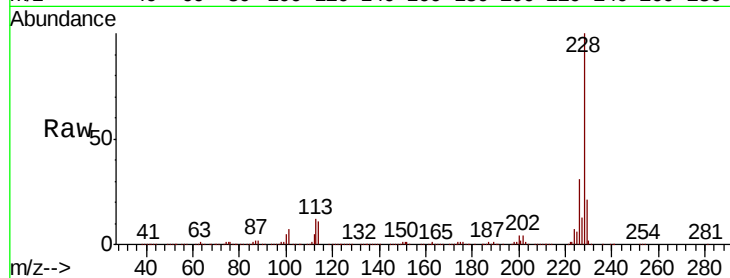
Tot Ion:228 Resp: 1563465

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.4	38.0
229	20.6	16.5	24.7

228 100

226 31.3 25.4 38.0

229 20.6 16.5 24.7

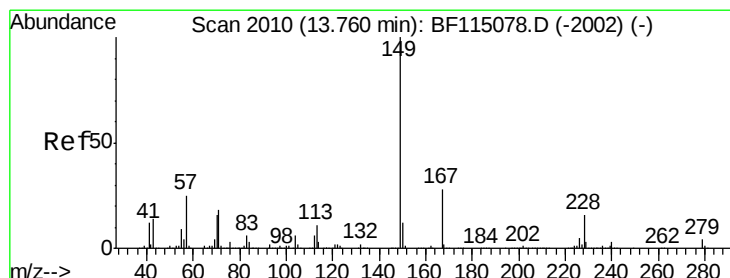
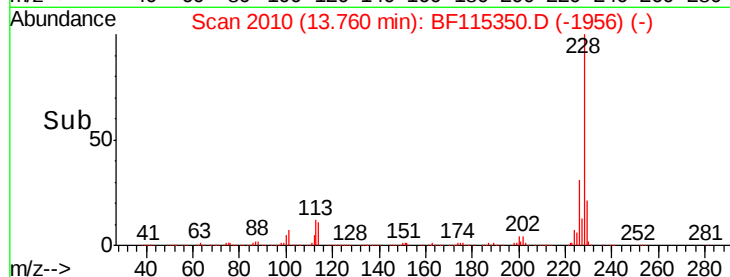
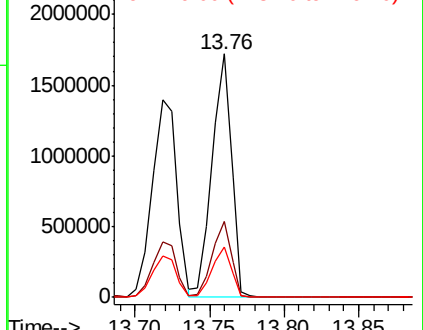


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.900 ng

RT: 13.74 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BF115350.D

Acq: 2 Jul 2019 8:23

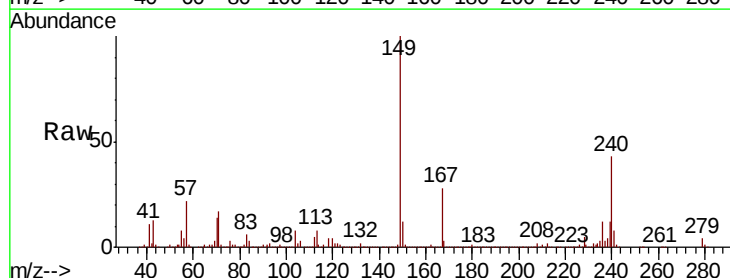
Tgt Ion:149 Resp: 1027673

Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.2	33.4
279	4.3	2.9	4.3

149 100

167 27.7 22.2 33.4

279 4.3 2.9 4.3

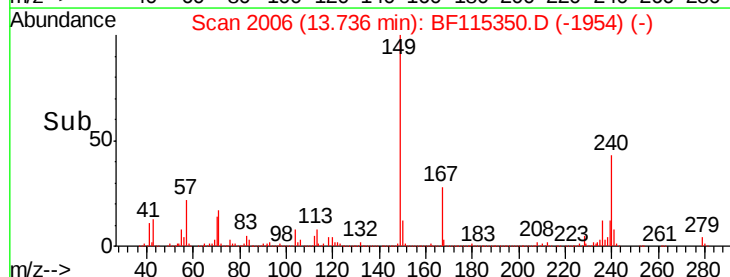
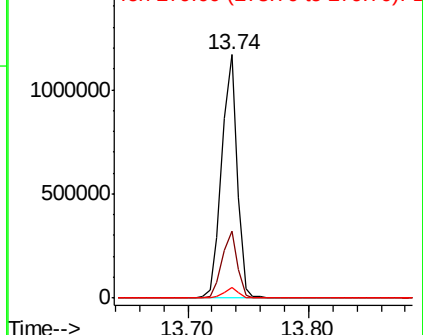


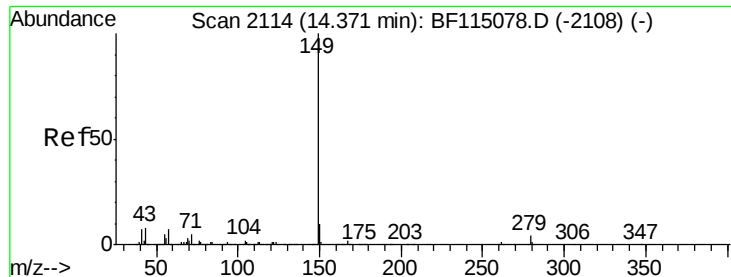
Abundance

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: 45.893 ng

RT: 14.34 min Scan# 2109

Delta R.T. 0.00 min

Lab File: BF115350.D

Acq: 2 Jul 2019 8:23

Instrument :

BNA_F

ClientSampled :

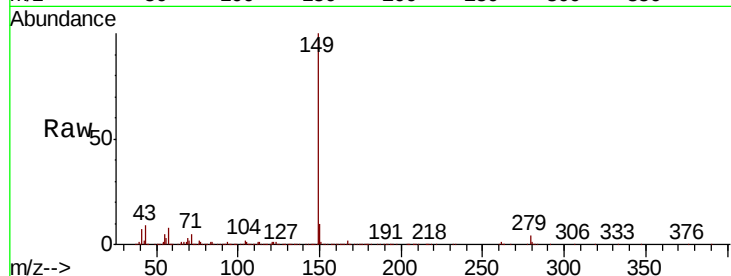
Tot Ion:149 Resp: 1847159

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

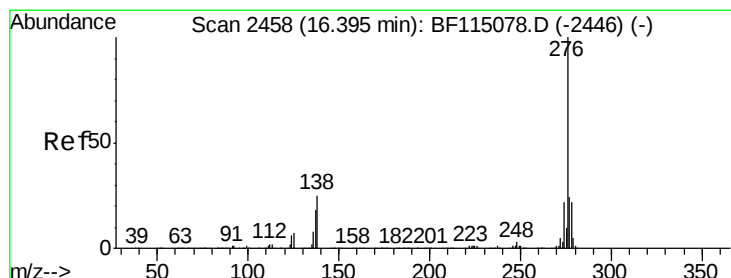
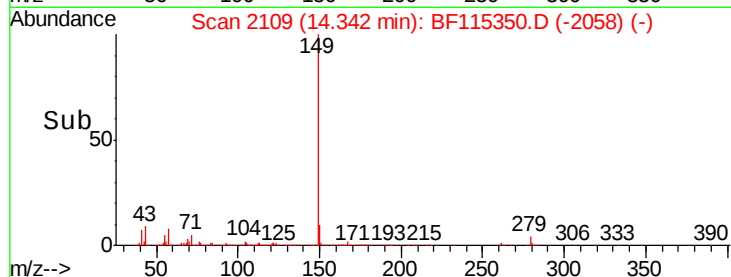
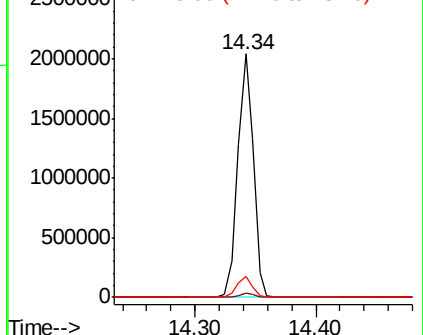
43 8.4 7.0 10.6



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: 44.608 ng

RT: 16.38 min Scan# 2456

Delta R.T. 0.03 min

Lab File: BF115350.D

Acq: 2 Jul 2019 8:23

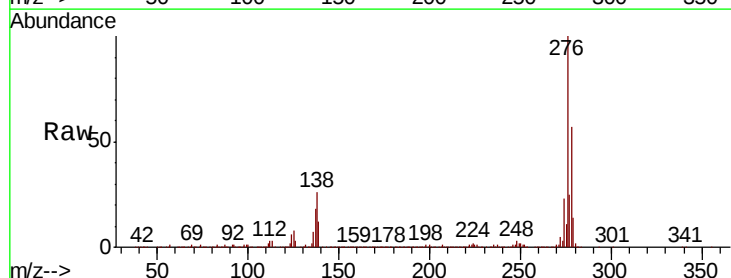
Tgt Ion:276 Resp: 1870198

Ion Ratio Lower Upper

276 100

138 27.4 23.2 34.8

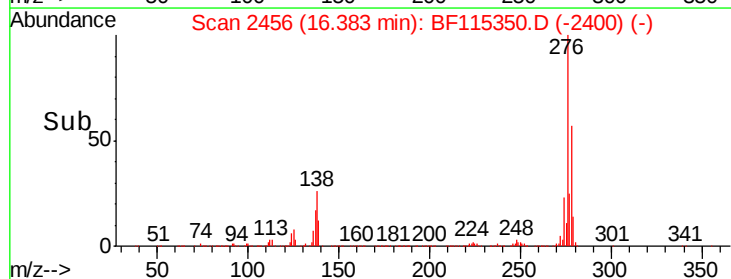
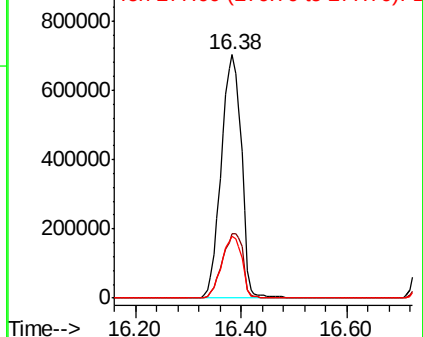
277 25.6 20.1 30.1

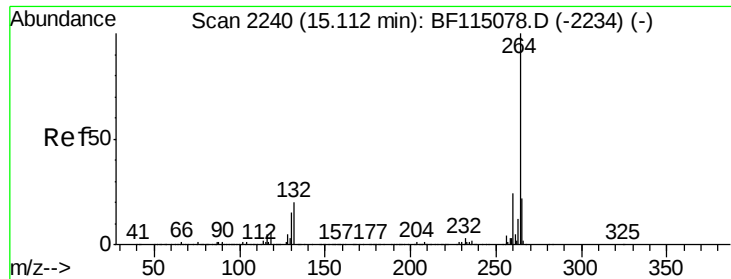


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



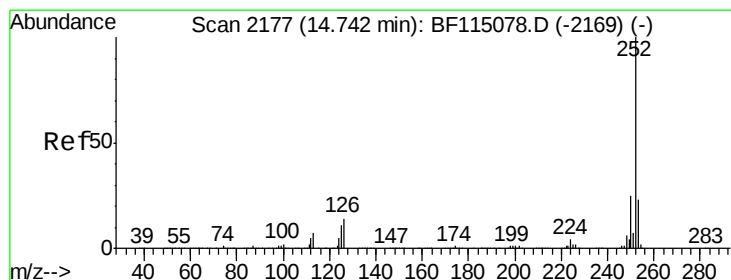
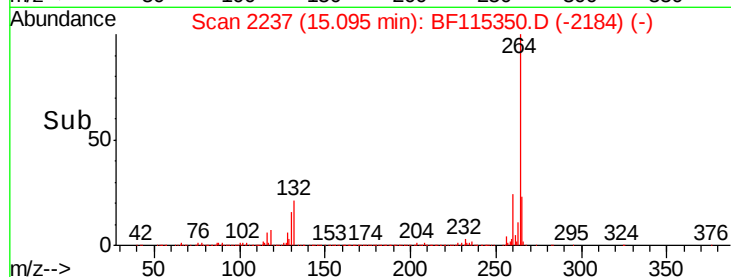
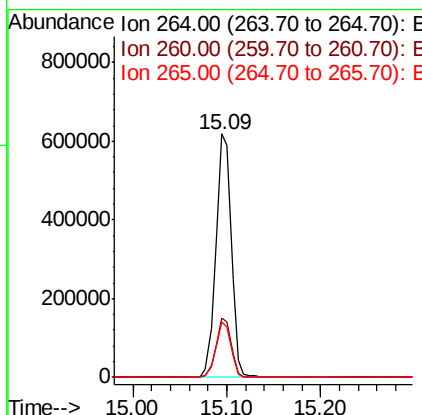
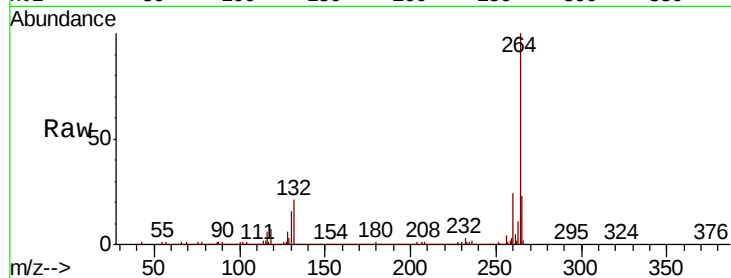


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.09 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF115350.D
Acq: 2 Jul 2019 8:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 719341

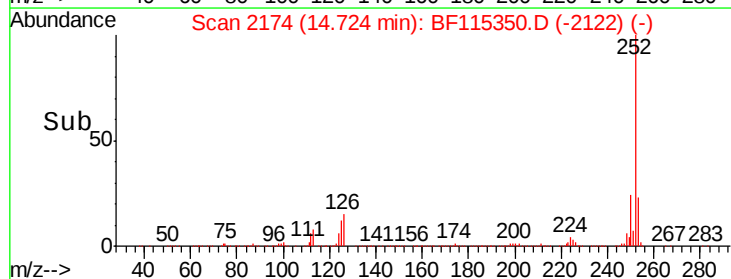
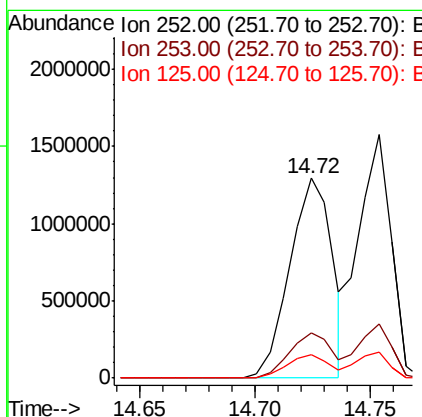
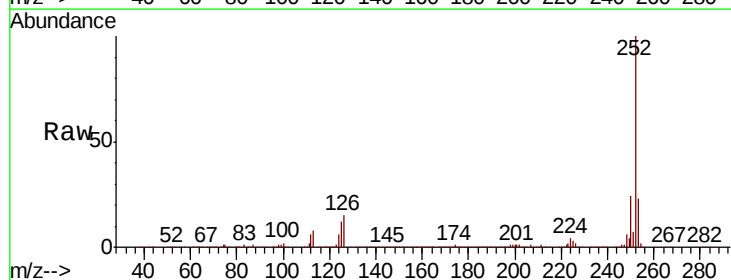
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.6	29.4
265	22.7	17.3	25.9

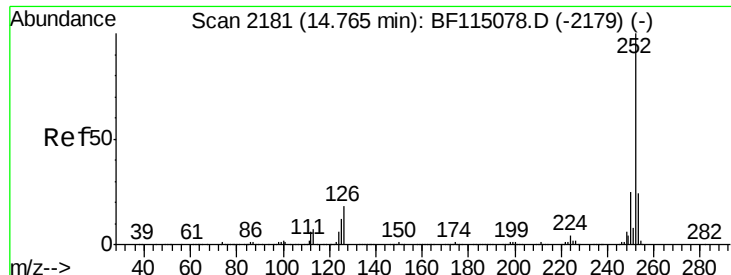


#88
Benzo(b)fluoranthene
Concen: 36.872 ng
RT: 14.72 min Scan# 2174
Delta R.T. 0.01 min
Lab File: BF115350.D
Acq: 2 Jul 2019 8:23

Tgt Ion:252 Resp: 1654973

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	11.6	8.7	13.1

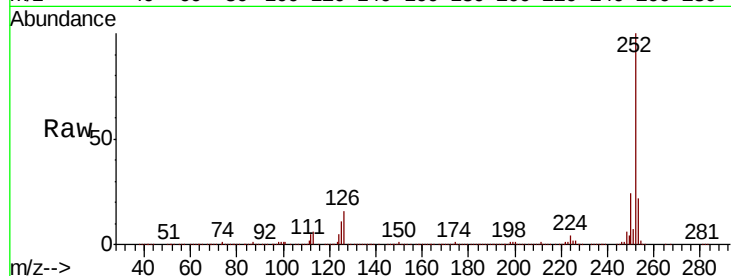




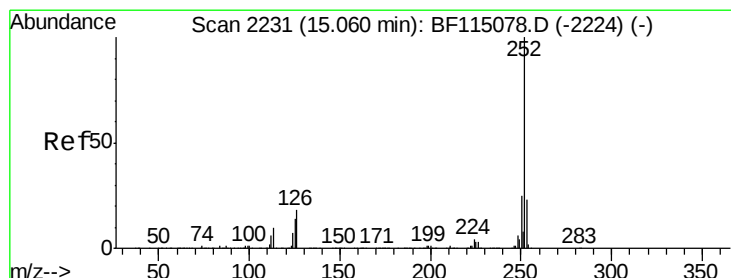
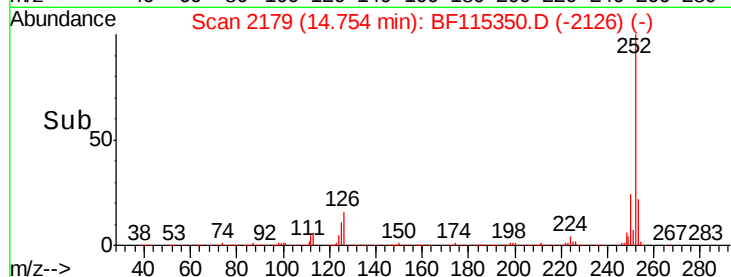
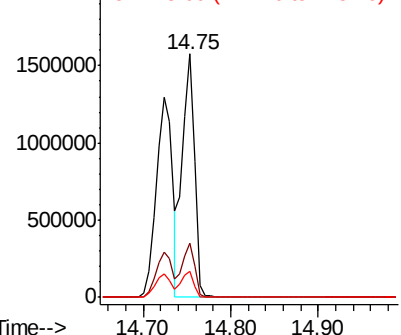
#89
Benzo(k)fluoranthene
Concen: 38.747 ng
RT: 14.75 min Scan# 2179
Delta R.T. 0.01 min
Lab File: BF115350.D
Acq: 2 Jul 2019 8:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1559650
Ion Ratio Lower Upper
252 100
253 22.5 18.9 28.3
125 10.9 10.2 15.2

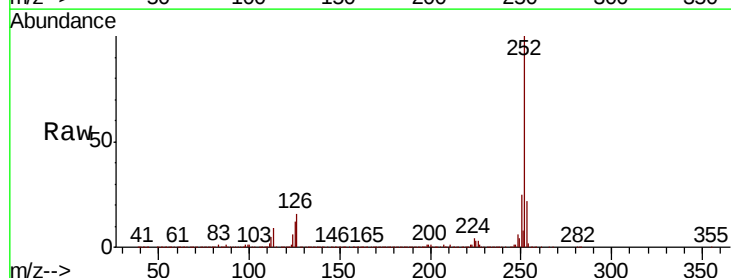


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

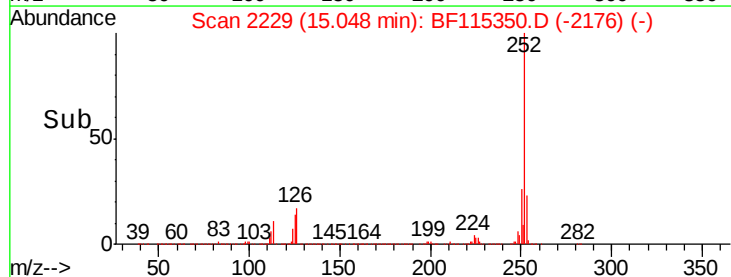
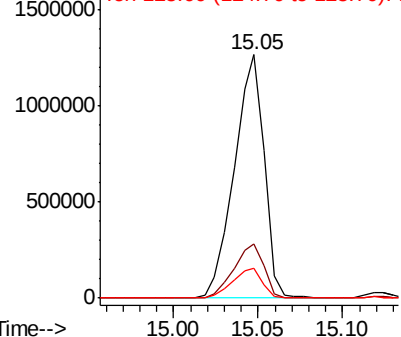


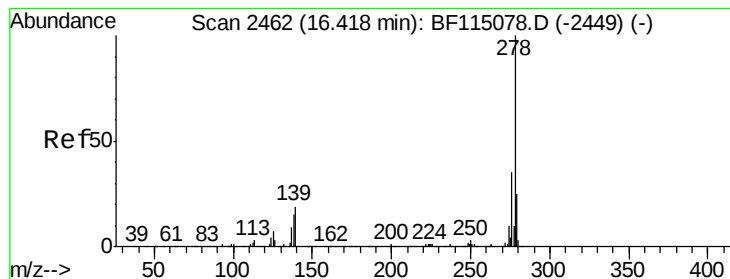
#90
Benzo(a)pyrene
Concen: 38.493 ng
RT: 15.05 min Scan# 2229
Delta R.T. 0.01 min
Lab File: BF115350.D
Acq: 2 Jul 2019 8:23

Tgt Ion:252 Resp: 1557235
Ion Ratio Lower Upper
252 100
253 22.4 18.3 27.5
125 12.4 10.9 16.3



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





#91

Dibenzo(a,h)anthracene

Concen: 39.372 ng

RT: 16.40 min Scan# 2459

Delta R.T. 0.03 min

Lab File: BF115350.D

Acq: 2 Jul 2019 8:23

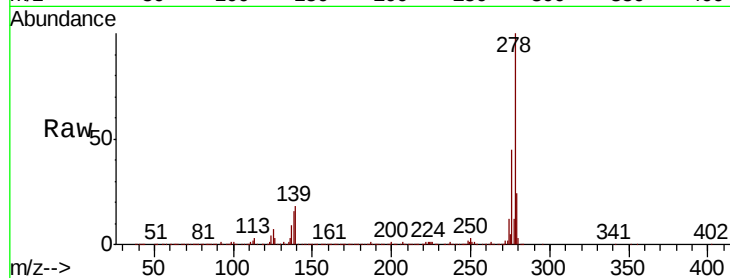
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 1486972

Ion	Ratio	Lower	Upper
278	100		
139	17.7	15.4	23.2
279	24.4	19.9	29.9

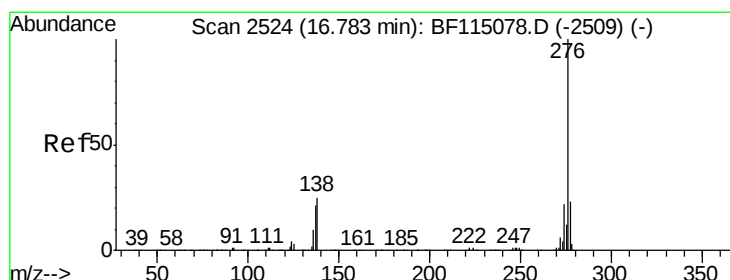
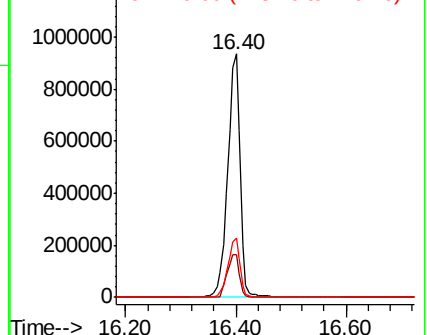
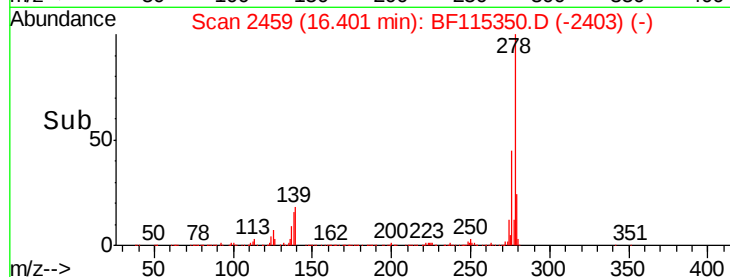


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 40.376 ng

RT: 16.77 min Scan# 2521

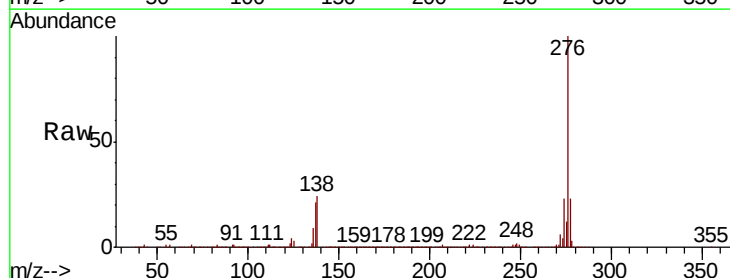
Delta R.T. 0.03 min

Lab File: BF115350.D

Acq: 2 Jul 2019 8:23

Tgt Ion:276 Resp: 1543396

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.6	28.0
138	23.8	19.8	29.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

