

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080519\
 Data File : BF115992.D
 Acq On : 5 Aug 2019 20:54
 Operator : HP/JU
 Sample : K4093-02MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-080119MS

Quant Time: Aug 06 01:37:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	140735	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	543804	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	292579	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	521580	20.00	ng	-0.02
76) Chrysene-d12	14.01	240	375314	20.00	ng	-0.02
87) Perylene-d12	15.47	264	345964	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1019736	121.30	ng	0.02
7) Phenol-d6	6.49	99	1242787	117.17	ng	0.00
23) Nitrobenzene-d5	7.41	82	930425	98.76	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	412930	145.57	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	1635491	104.70	ng	-0.01
79) Terphenyl-d14	12.95	244	1943395	109.11	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.82	88	144670	34.064	ng	# 85
3) Pyridine	3.52	79	298086	25.126	ng	99
4) n-Nitrosodimethylamine	3.45	42	180982	38.656	ng	100
6) Aniline	6.52	93	152521	10.041	ng	# 86
8) 2-Chlorophenol	6.64	128	396770	42.681	ng	98
9) Benzaldehyde	6.40	77	151275	20.670	ng	98
10) Phenol	6.50	94	428891	34.338	ng	100
11) bis(2-Chloroethyl)ether	6.59	93	414528	45.140	ng	96
12) 1,3-Dichlorobenzene	6.79	146	424683	39.529	ng	97
13) 1,4-Dichlorobenzene	6.86	146	437579	40.678	ng	99
14) 1,2-Dichlorobenzene	7.02	146	400743	40.458	ng	99
15) Benzyl Alcohol	6.99	79	350529	43.547	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	519232	41.453	ng	93
17) 2-Methylphenol	7.10	107	333197	42.329	ng	99
18) Hexachloroethane	7.36	117	160896	40.625	ng	99
19) n-Nitroso-di-n-propylamine	7.26	70	287522	43.745	ng	98
20) 3+4-Methylphenols	7.26	107	407056	43.699	ng	# 73
22) Acetophenone	7.26	105	562597	47.173	ng	# 98
24) Nitrobenzene	7.43	77	453654	44.597	ng	98
25) Isophorone	7.67	82	831839	46.177	ng	99
26) 2-Nitrophenol	7.75	139	222017	46.301	ng	96
27) 2,4-Dimethylphenol	7.78	122	366049	50.741	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	507432	45.446	ng	99
29) 2,4-Dichlorophenol	7.99	162	358160	47.020	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	383655	44.186	ng	100
31) Naphthalene	8.15	128	1191899	46.576	ng	100
32) Benzoic acid	7.91	122	153428	30.166	ng	98
33) 4-Chloroaniline	8.20	127	93339	8.163	ng	99
34) Hexachlorobutadiene	8.26	225	214361	42.861	ng	99
35) Caprolactam	8.57	113	41845	16.985	ng	96
36) 4-Chloro-3-methylphenol	8.69	107	376720	47.540	ng	98
37) 2-Methylnaphthalene	8.84	142	804338	47.726	ng	99
38) 1-Methylnaphthalene	8.94	142	749918	47.035	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	365069	46.673	ng	99

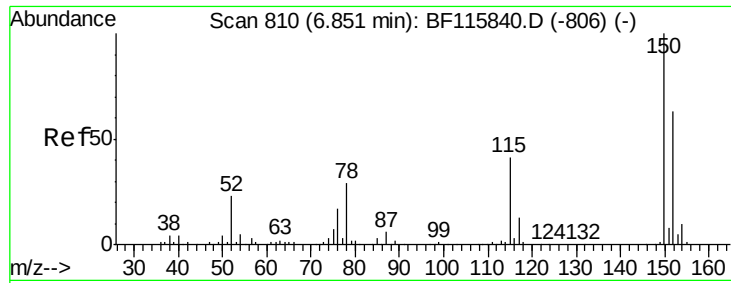
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080519\
 Data File : BF115992.D
 Acq On : 5 Aug 2019 20:54
 Operator : HP/JU
 Sample : K4093-02MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-080119MS

Quant Time: Aug 06 01:37:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	220309	64.018	ng	100
43) 2,4,6-Trichlorophenol	9.12	196	245963	45.685	ng	99
44) 2,4,5-Trichlorophenol	9.17	196	266422	47.872	ng	99
46) 1,1'-Biphenyl	9.30	154	983108	47.594	ng	98
47) 2-Chloronaphthalene	9.33	162	771049	44.850	ng	98
48) 2-Nitroaniline	9.42	65	250250	44.038	ng	89
49) Acenaphthylene	9.75	152	1180809	47.079	ng	100
50) Dimethylphthalate	9.60	163	930962	46.732	ng	100
51) 2,6-Dinitrotoluene	9.66	165	205705	47.515	ng	# 85
52) Acenaphthene	9.92	154	713239	46.353	ng	99
53) 3-Nitroaniline	9.83	138	96609	18.060	ng	91
54) 2,4-Dinitrophenol	9.95	184	157301	72.274	ng	96
55) Dibenzofuran	10.09	168	1065936	47.636	ng	98
56) 4-Nitrophenol	10.01	139	296771	86.603	ng	98
57) 2,4-Dinitrotoluene	10.07	165	273060	47.373	ng	93
58) Fluorene	10.43	166	820943	47.685	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.21	232	220650	47.126	ng	100
60) Diethylphthalate	10.30	149	889141	47.806	ng	99
61) 4-Chlorophenyl-phenylether	10.42	204	414112	47.495	ng	98
62) 4-Nitroaniline	10.45	138	225482	40.787	ng	99
63) Azobenzene	10.58	77	921176	48.153	ng	97
65) 4,6-Dinitro-2-methylphenol	10.49	198	128162	46.368	ng	91
66) n-Nitrosodiphenylamine	10.54	169	745814	47.507	ng	99
67) 4-Bromophenyl-phenylether	10.91	248	258934	46.375	ng	91
68) Hexachlorobenzene	10.98	284	290572	45.005	ng	98
69) Atrazine	11.06	200	238265	46.134	ng	99
70) Pentachlorophenol	11.18	266	287936	91.858	ng	100
71) Phenanthrene	11.39	178	1244279	46.665	ng	99
72) Anthracene	11.44	178	1290152	47.809	ng	98
73) Carbazole	11.60	167	1172846	47.906	ng	99
74) Di-n-butylphthalate	11.92	149	1424351	49.872	ng	99
75) Fluoranthene	12.58	202	1351819	48.426	ng	99
77) Benzidine	12.70	184	65161	5.139	ng	98
78) Pyrene	12.81	202	1354149	47.864	ng	99
80) Butylbenzylphthalate	13.42	149	629812	52.627	ng	94
81) Benzo(a)anthracene	14.00	228	1132726	47.219	ng	99
82) 3,3'-Dichlorobenzidine	13.95	252	165375	19.843	ng	98
83) Chrysene	14.03	228	1114016	47.834	ng	99
84) Bis(2-ethylhexyl)phthalate	13.98	149	879492	56.553	ng	100
85) Di-n-octyl phthalate	14.59	149	1383886	56.024	ng	100
86) Indeno(1,2,3-cd)pyrene	16.94	276	1032014	52.760	ng	99
88) Benzo(b)fluoranthene	15.04	252	950711	47.526	ng	98
89) Benzo(k)fluoranthene	15.07	252	912076	46.811	ng	99
90) Benzo(a)pyrene	15.41	252	871577	48.740	ng	100
91) Dibenzo(a,h)anthracene	16.95	278	855267	55.254	ng	98
92) Benzo(g,h,i)perylene	17.38	276	887493	58.381	ng	100

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

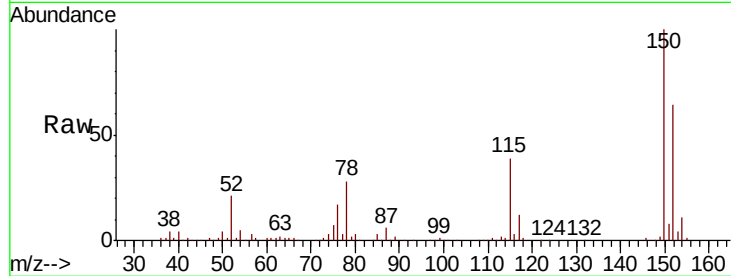


#1

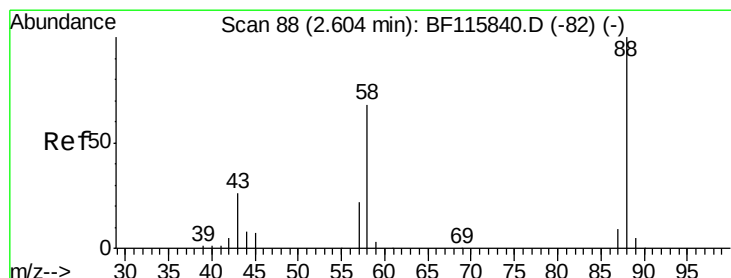
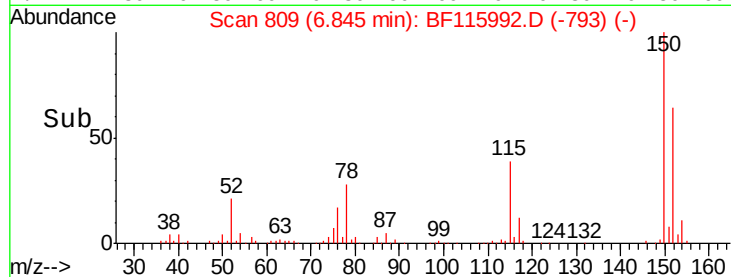
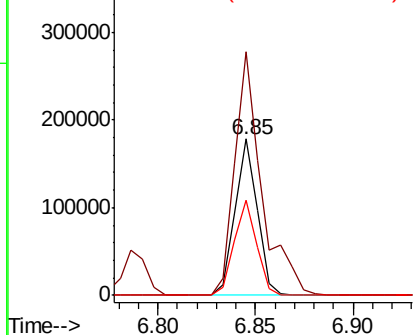
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF115992.D
Acq: 5 Aug 2019 20:54

Instrument :
BNA_F
ClientSampleId :
PL-02-080119MS

Tgt Ion: 152 Resp: 140735
Ion Ratio Lower Upper
152 100
150 156.1 127.4 191.0
115 61.2 51.8 77.8



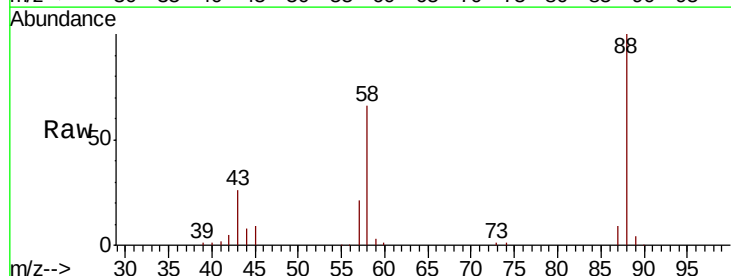
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



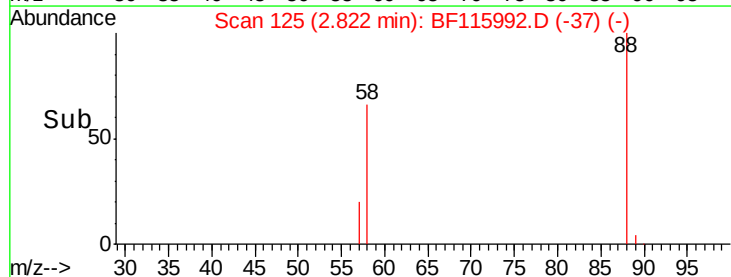
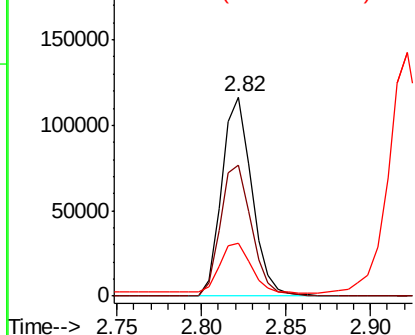
#2

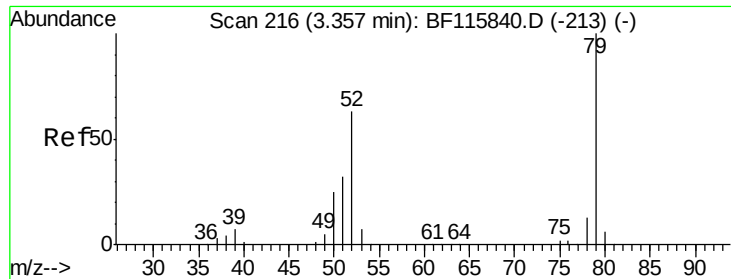
1,4-Dioxane
Concen: 34.064 ng
RT: 2.82 min Scan# 125
Delta R.T. 0.22 min
Lab File: BF115992.D
Acq: 5 Aug 2019 20:54

Tgt Ion: 88 Resp: 144670
Ion Ratio Lower Upper
88 100
58 68.3 54.1 81.1
43 0.0 20.7 31.1#



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

Pyridine

Concen: 25.126 ng

RT: 3.52 min Scan# 244

Delta R.T. 0.16 min

Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

Instrument :

BNA_F

ClientSampleId :

PL-02-080119MS

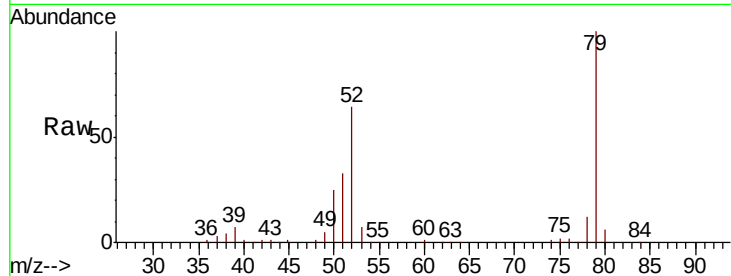
Tgt Ion: 79 Resp: 298086

Ion Ratio Lower Upper

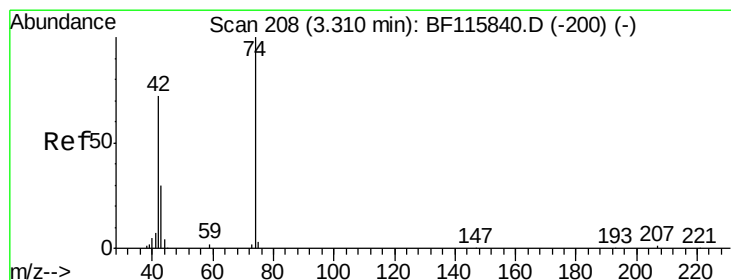
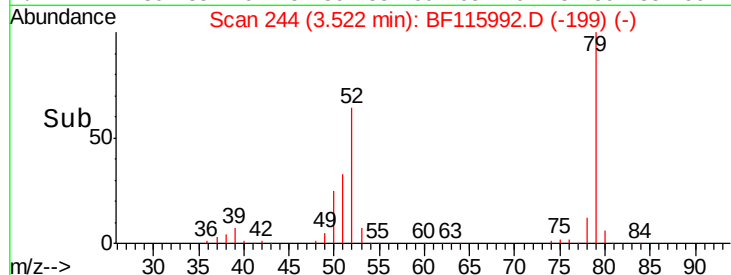
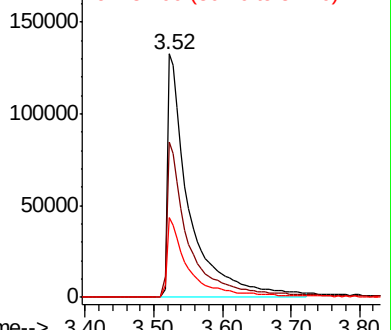
79 100

52 64.0 50.2 75.4

51 32.8 25.8 38.6



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: 38.656 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.14 min

Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

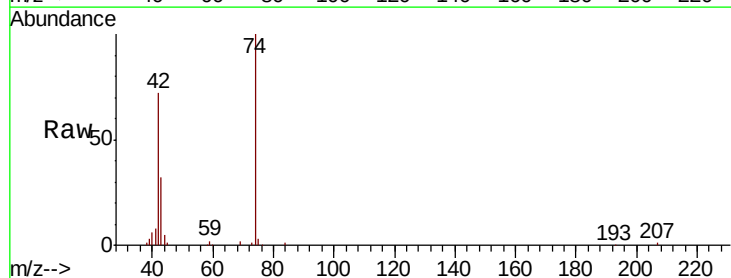
Tgt Ion: 42 Resp: 180982

Ion Ratio Lower Upper

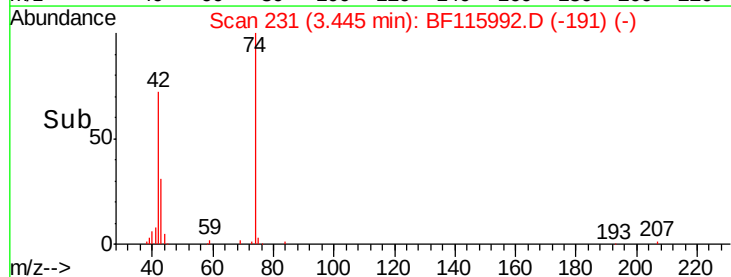
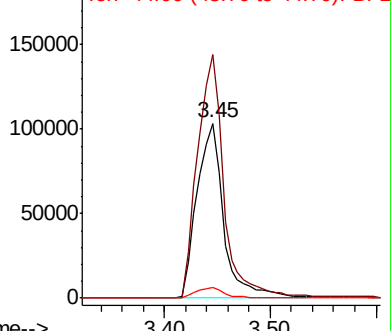
42 100

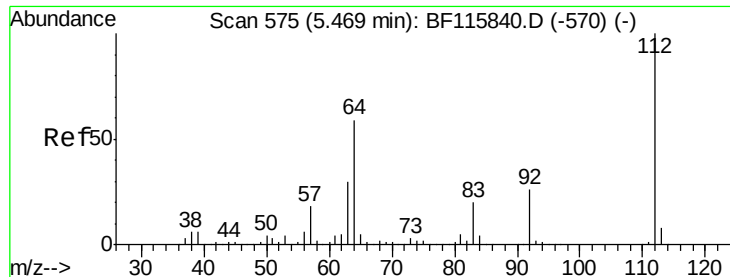
74 139.1 111.0 166.4

44 6.4 4.7 7.1



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: 121.299 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.02 min

Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

Instrument :

BNA_F

ClientSampleId :

PL-02-080119MS

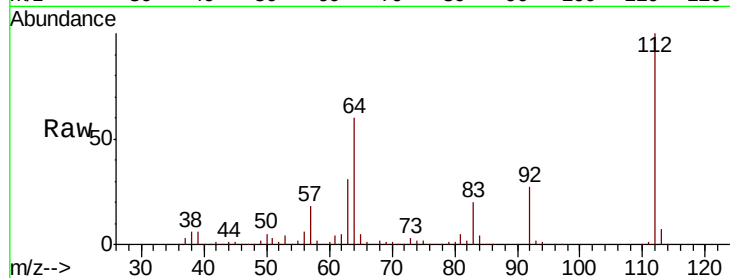
Tgt Ion:112 Resp: 1019736

Ion Ratio Lower Upper

112 100

64 59.7 46.8 70.2

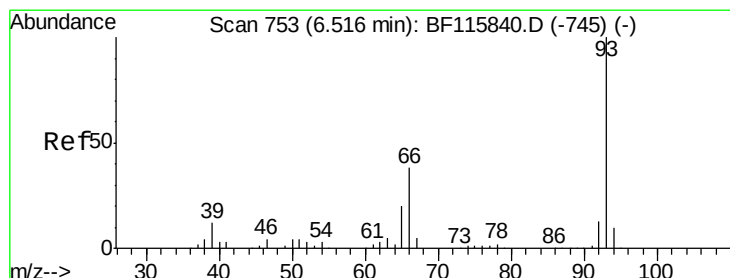
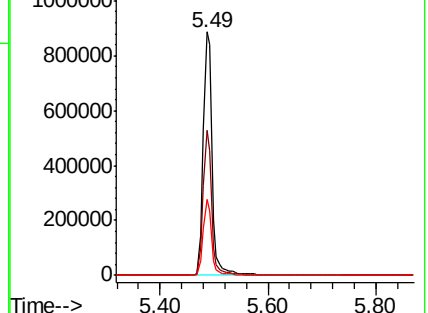
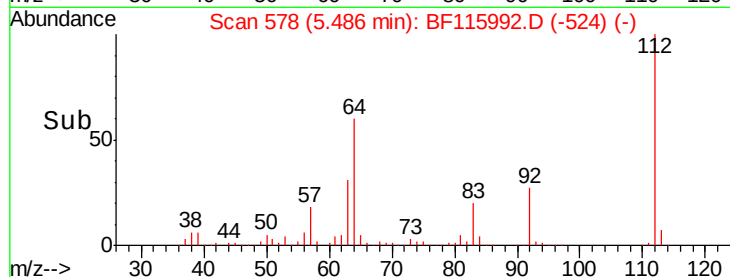
63 31.0 24.2 36.2



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: 10.041 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

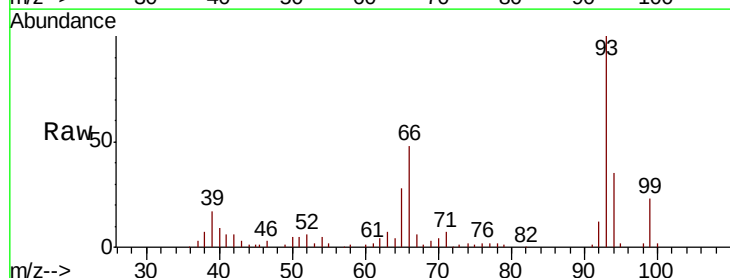
Tgt Ion: 93 Resp: 152521

Ion Ratio Lower Upper

93 100

66 47.7 31.4 47.0#

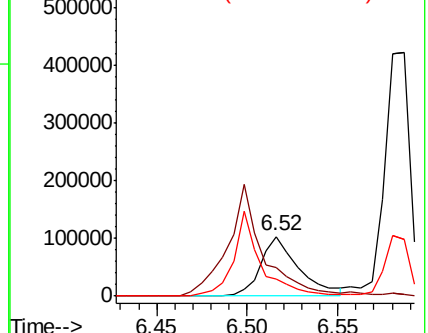
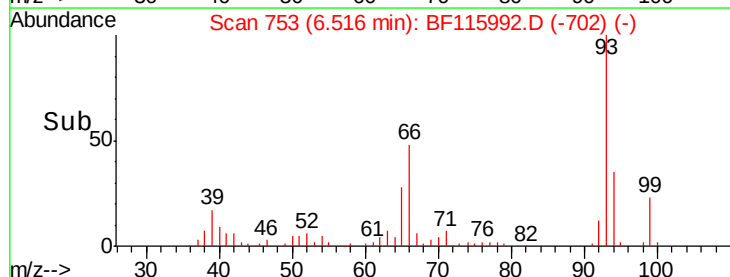
65 27.7 16.5 24.7#

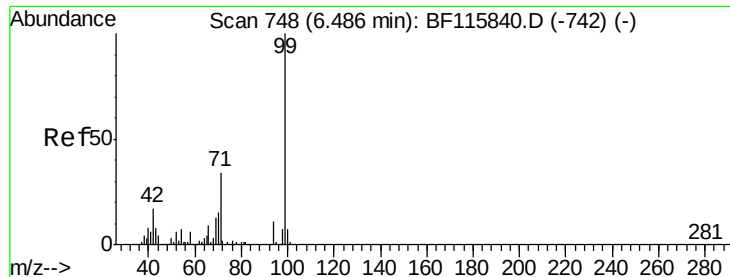


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 117.170 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

Instrument :

BNA_F

ClientSampleId :

PL-02-080119MS

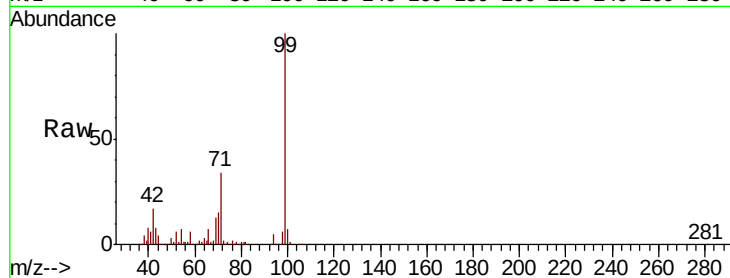
Tgt Ion: 99 Resp: 1242787

Ion Ratio Lower Upper

99 100

42 17.3 13.8 20.6

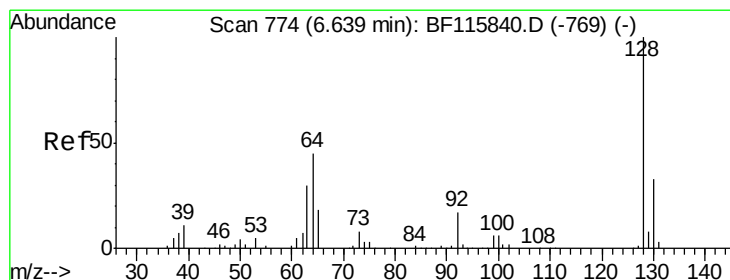
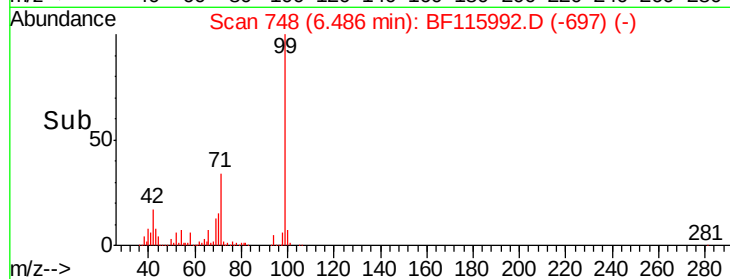
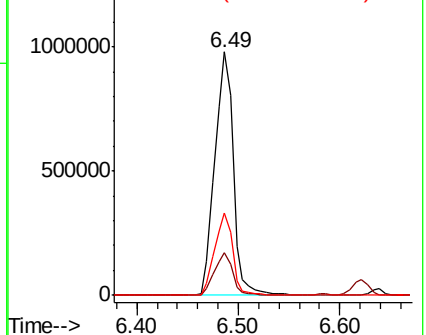
71 33.9 27.1 40.7



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.681 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

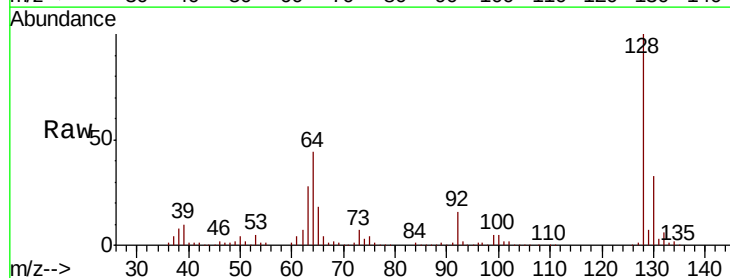
Tgt Ion: 128 Resp: 396770

Ion Ratio Lower Upper

128 100

130 33.3 12.9 52.9

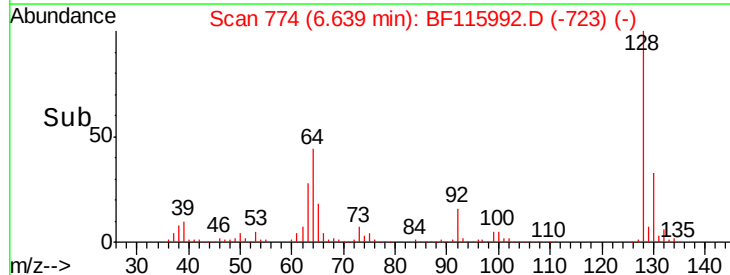
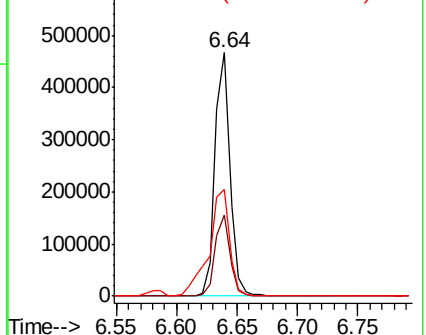
64 43.7 26.1 66.1

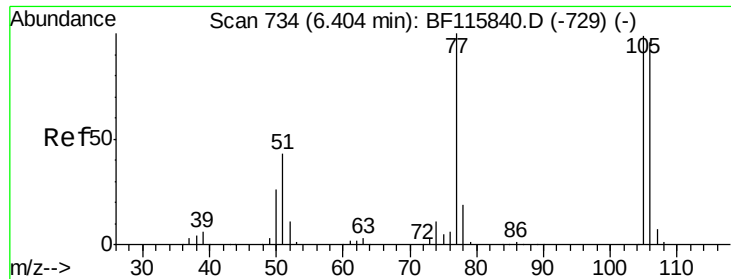


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 20.670 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

Instrument :

BNA_F

ClientSampleId :

PL-02-080119MS

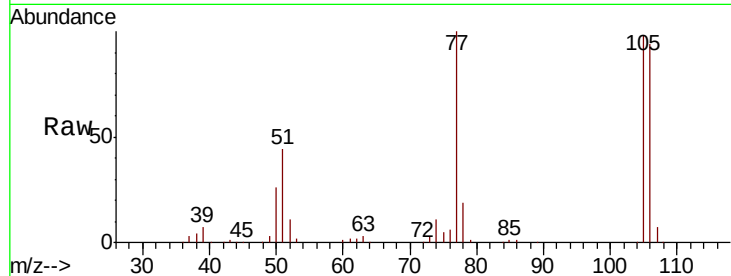
Tgt Ion: 77 Resp: 151275

Ion Ratio Lower Upper

77 100

105 98.0 79.0 119.0

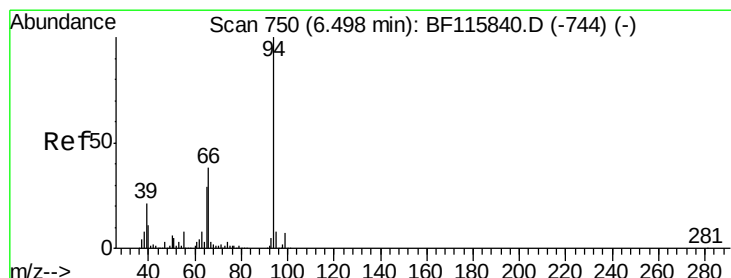
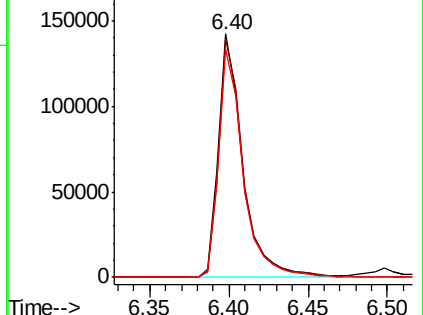
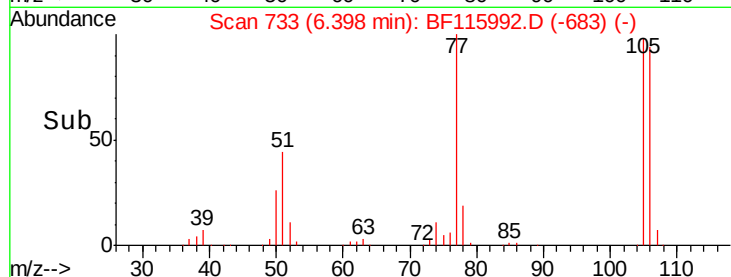
106 93.9 76.2 116.2



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: 34.338 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

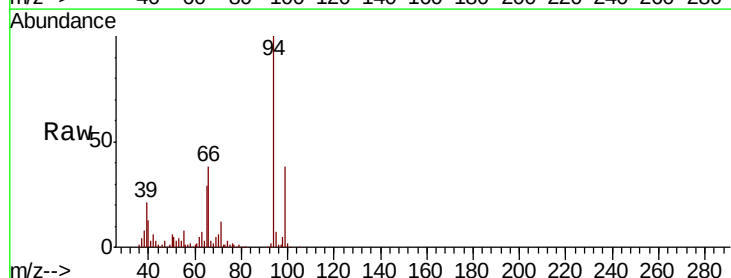
Tgt Ion: 94 Resp: 428891

Ion Ratio Lower Upper

94 100

65 28.6 8.9 48.9

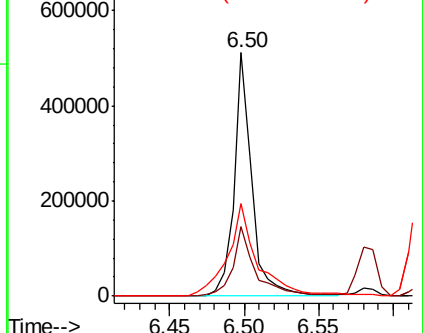
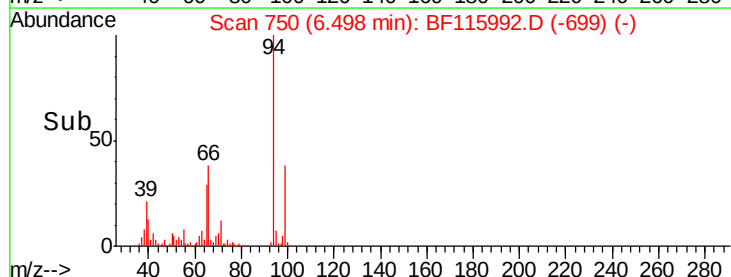
66 38.0 18.0 58.0

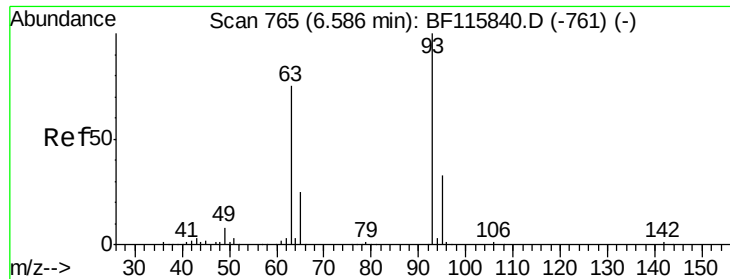


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 45.140 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

Instrument :

BNA_F

ClientSampleId :

PL-02-080119MS

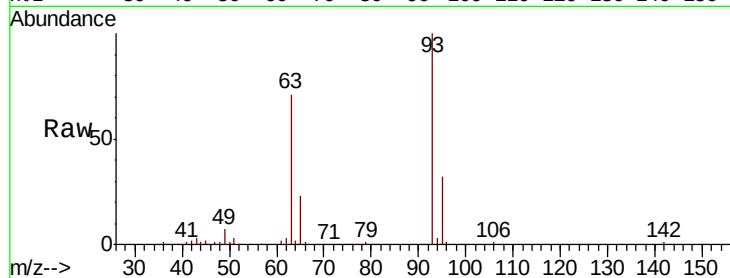
Tgt Ion: 93 Resp: 414528

Ion Ratio Lower Upper

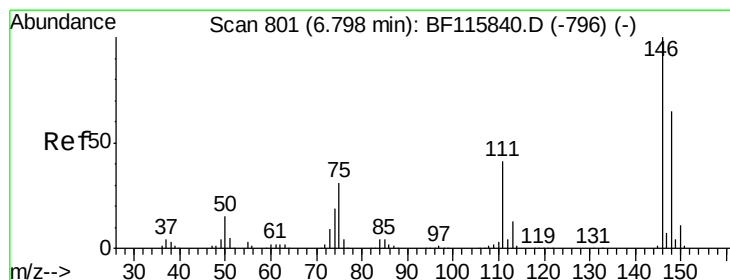
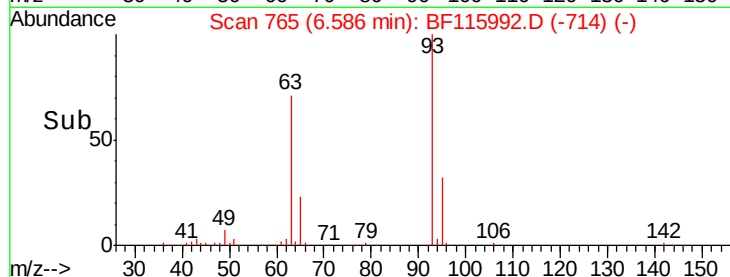
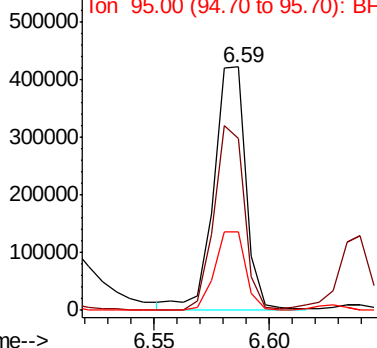
93 100

63 70.8 54.9 94.9

95 32.2 13.3 53.3



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: 39.529 ng

RT: 6.79 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

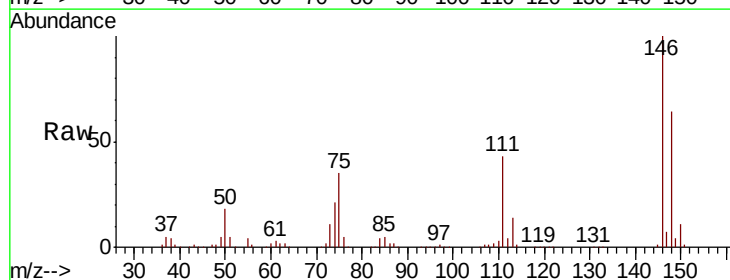
Tgt Ion: 146 Resp: 424683

Ion Ratio Lower Upper

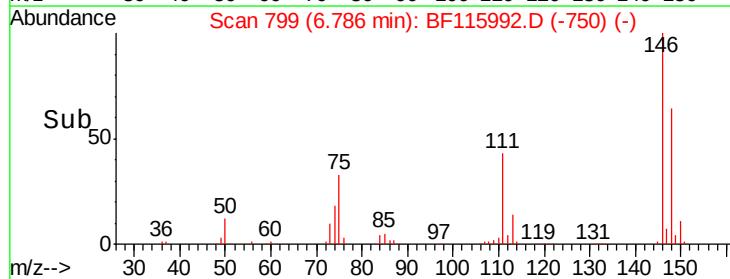
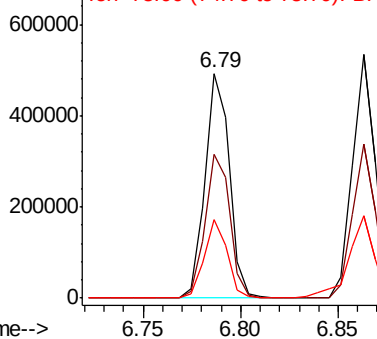
146 100

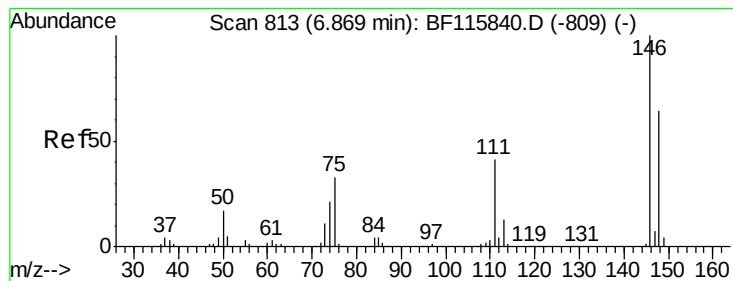
148 64.0 52.1 78.1

75 34.7 25.0 37.6



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: 40.678 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

Instrument :

BNA_F

ClientSampleId :

PL-02-080119MS

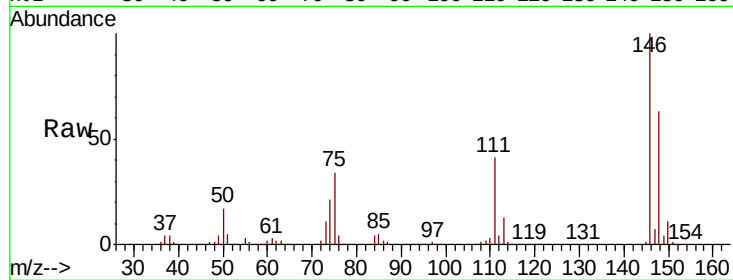
Tgt Ion:146 Resp: 437579

Ion Ratio Lower Upper

146 100

148 63.3 51.2 76.8

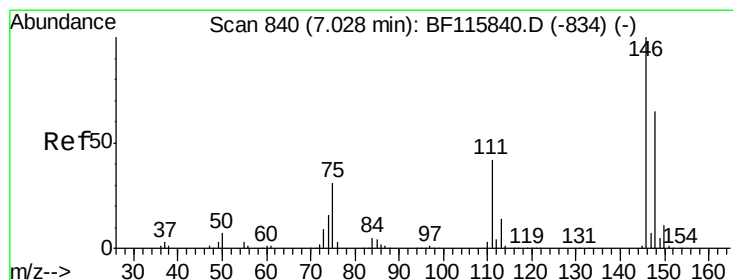
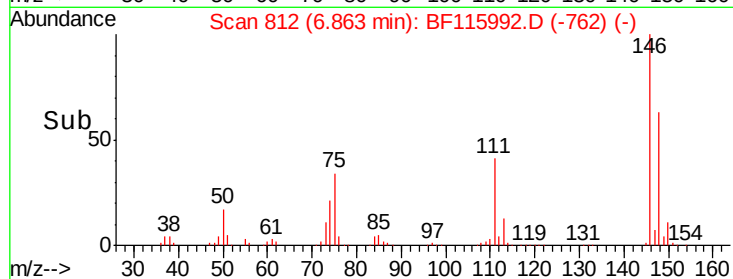
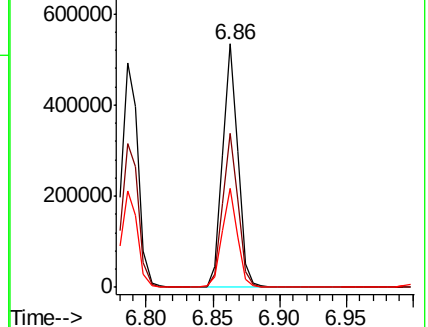
111 40.9 33.2 49.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.458 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

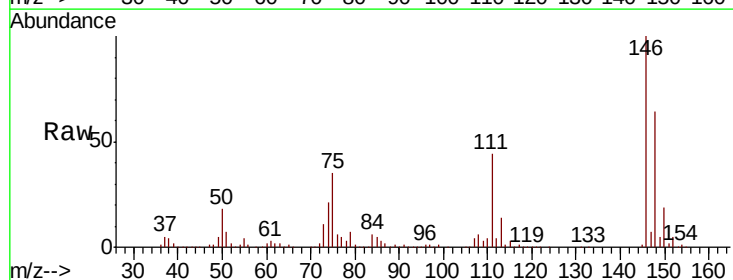
Tgt Ion:146 Resp: 400743

Ion Ratio Lower Upper

146 100

148 64.5 51.6 77.4

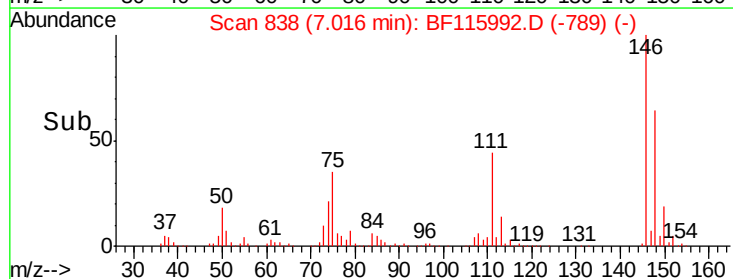
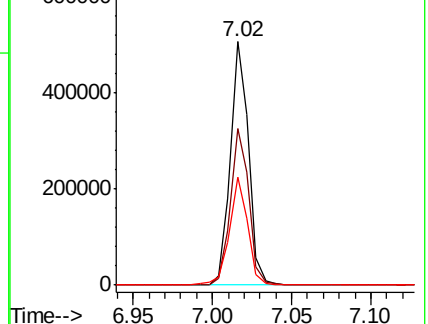
111 44.3 33.6 50.4

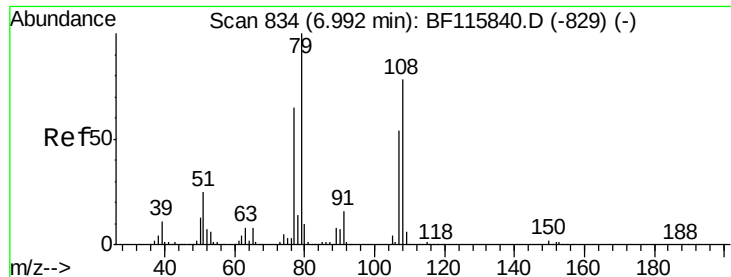


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.547 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.00 min

Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

Instrument :

BNA_F

ClientSampleId :

PL-02-080119MS

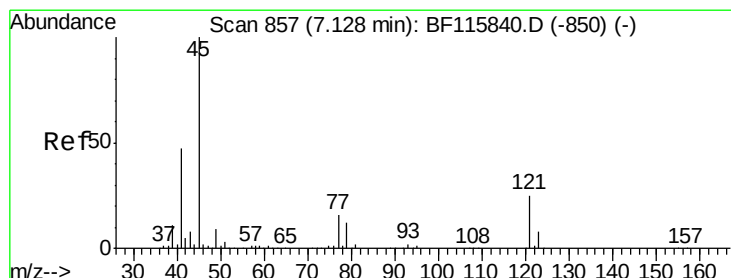
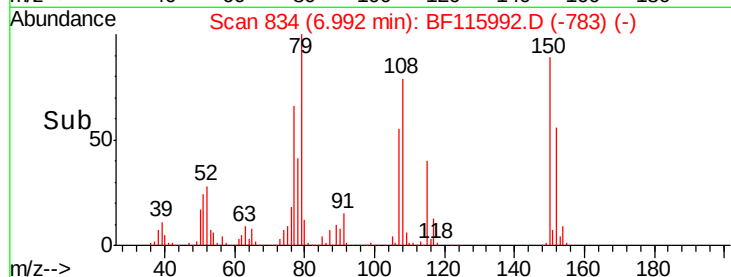
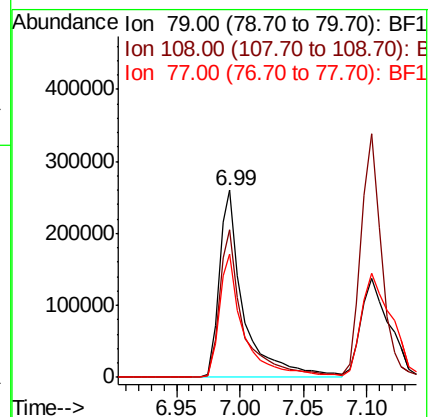
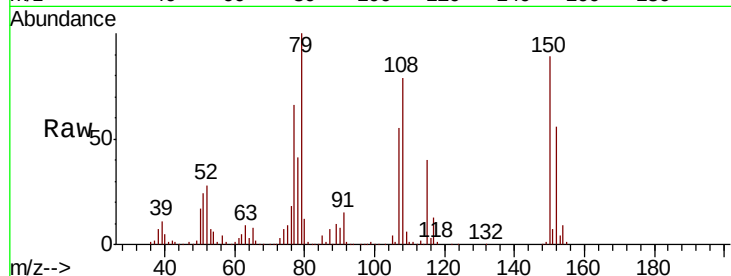
Tgt Ion: 79 Resp: 350529

Ion Ratio Lower Upper

79 100

108 79.0 62.8 94.2

77 65.7 52.0 78.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.453 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

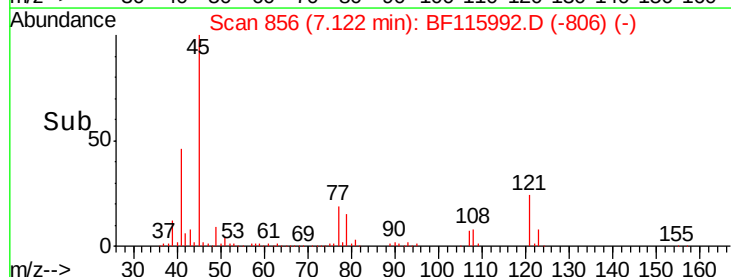
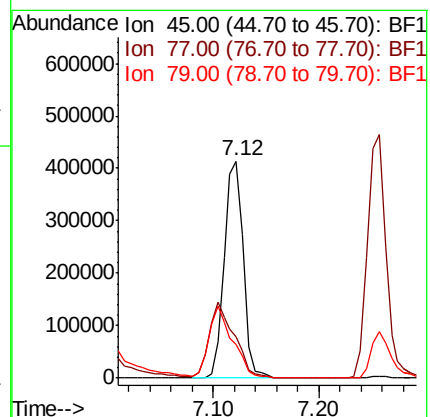
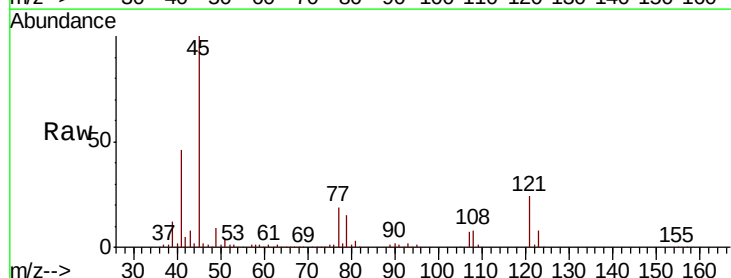
Tgt Ion: 45 Resp: 519232

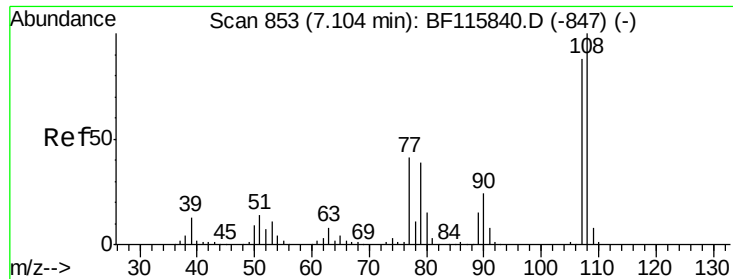
Ion Ratio Lower Upper

45 100

77 19.0 0.0 36.3

79 15.2 0.0 32.5

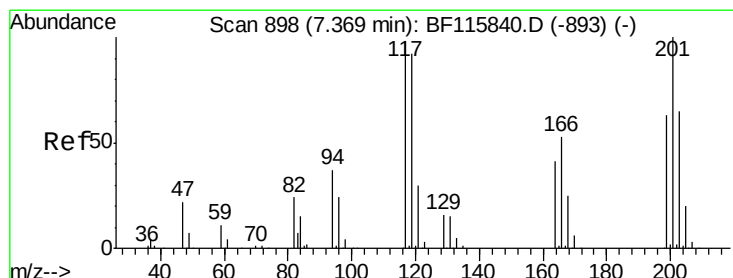
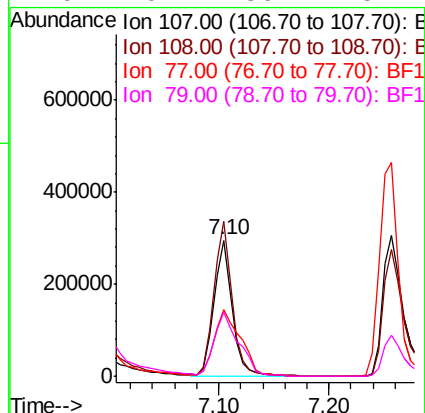
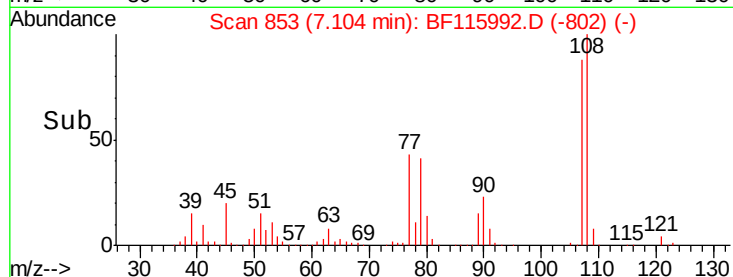
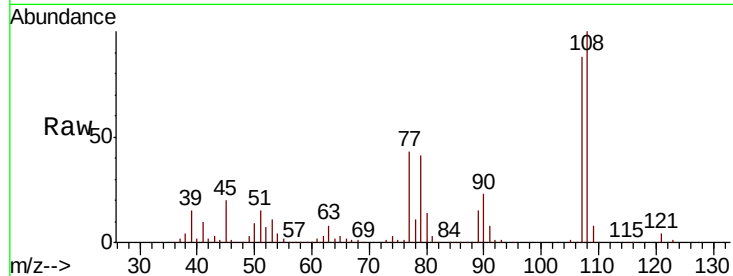




#17
2-Methylphenol
Concen: 42.329 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.00 min
Lab File: BF115992.D
Acq: 5 Aug 2019 20:54

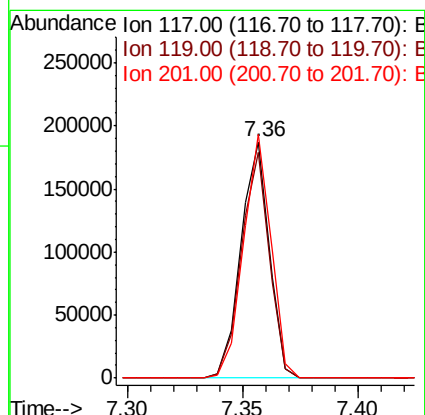
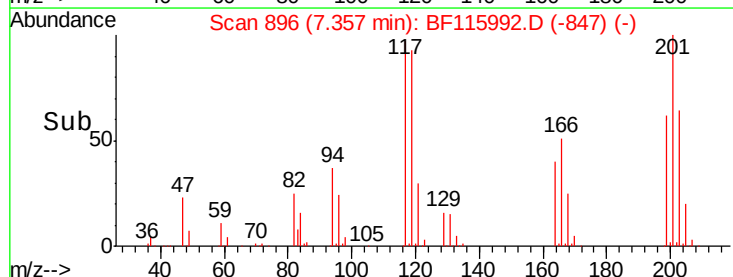
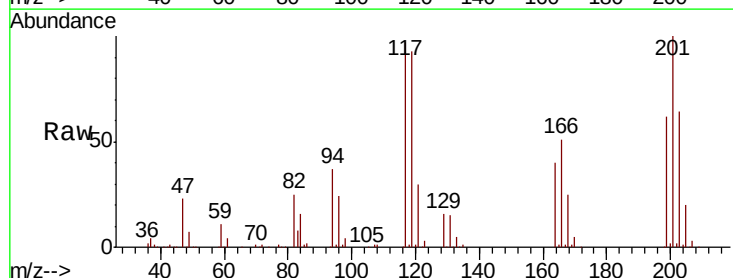
Instrument :
BNA_F
ClientSampleId :
PL-02-080119MS

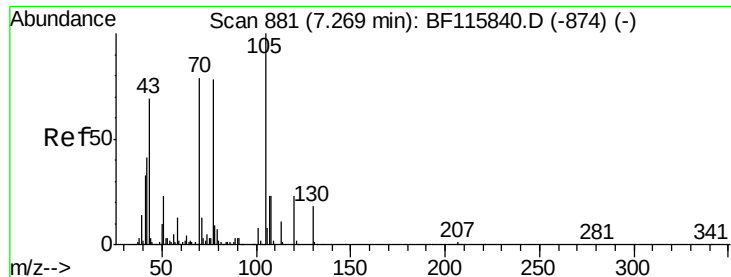
Tgt Ion:	107	Resp:	333197
Ion	Ratio	Lower	Upper
107	100		
108	114.2	91.4	137.0
77	49.1	37.6	56.4
79	46.7	36.2	54.4



#18
Hexachloroethane
Concen: 40.625 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF115992.D
Acq: 5 Aug 2019 20:54

Tgt Ion:	117	Resp:	160896
Ion	Ratio	Lower	Upper
117	100		
119	95.8	75.8	113.6
201	103.1	82.0	123.0

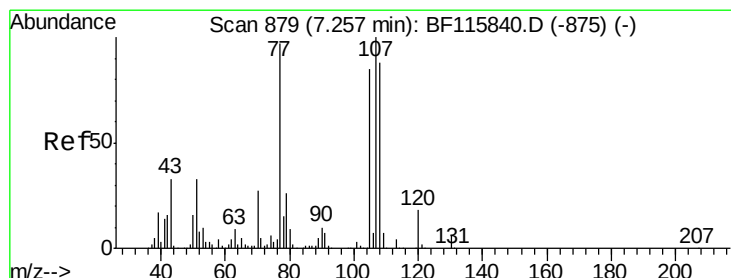
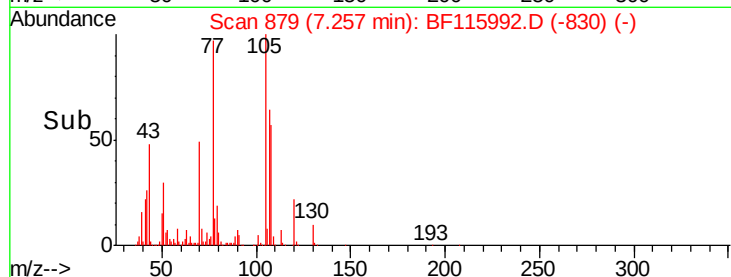
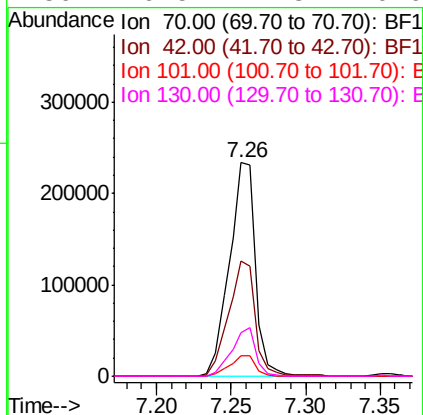
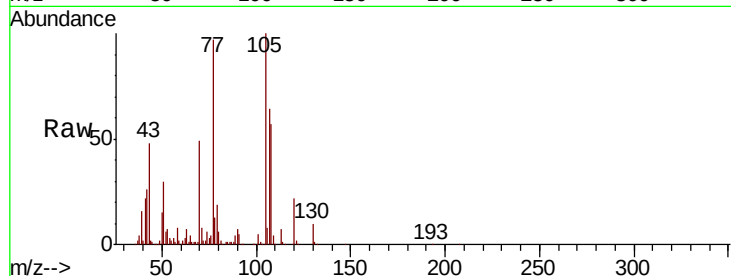




#19
n-Nitroso-di-n-propylamine
Concen: 43.745 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF115992.D
Acq: 5 Aug 2019 20:54

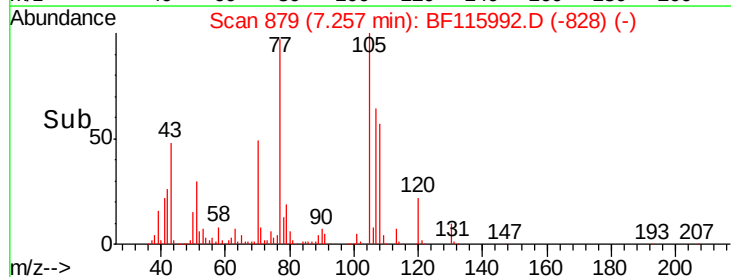
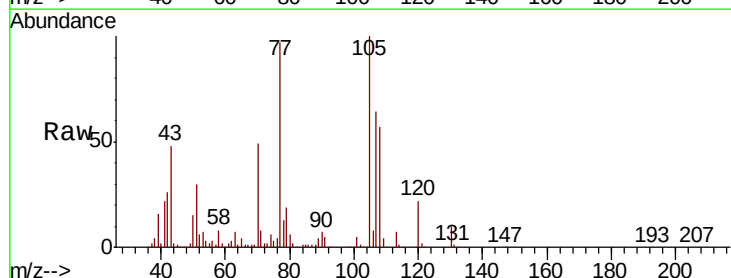
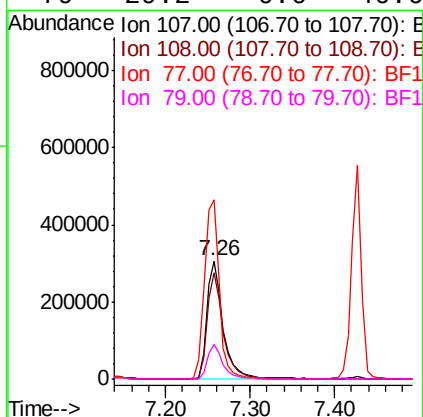
Instrument :
BNA_F
ClientSampleId :
PL-02-080119MS

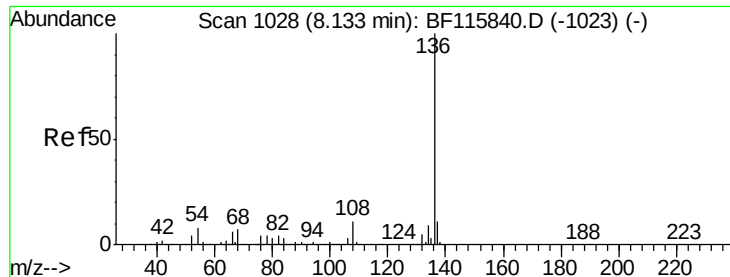
Tgt Ion: 70 Resp: 287522
Ion Ratio Lower Upper
70 100
42 53.7 41.8 62.8
101 9.5 7.7 11.5
130 20.5 17.8 26.6



#20
3+4-Methylphenols
Concen: 43.699 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF115992.D
Acq: 5 Aug 2019 20:54

Tgt Ion: 107 Resp: 407056
Ion Ratio Lower Upper
107 100
108 89.7 67.9 107.9
77 151.5 77.3 117.3#
79 29.2 6.6 46.6

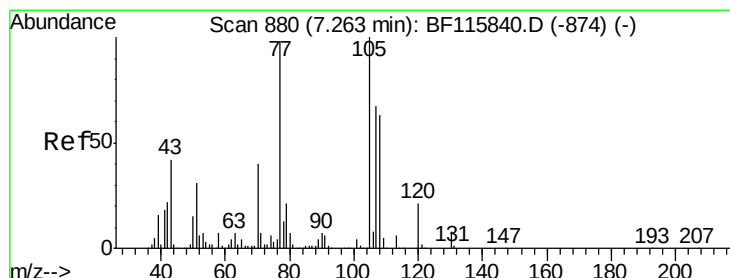
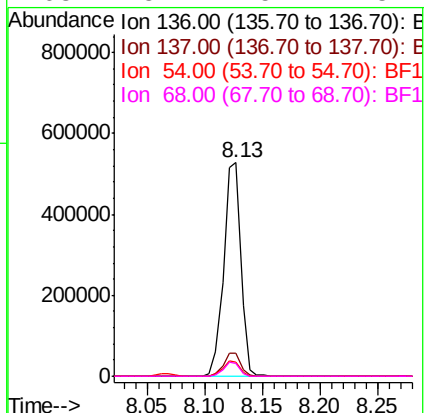
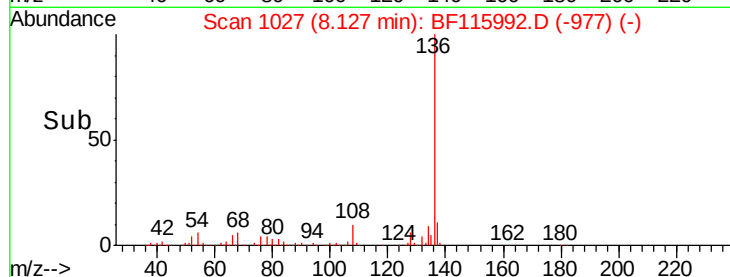
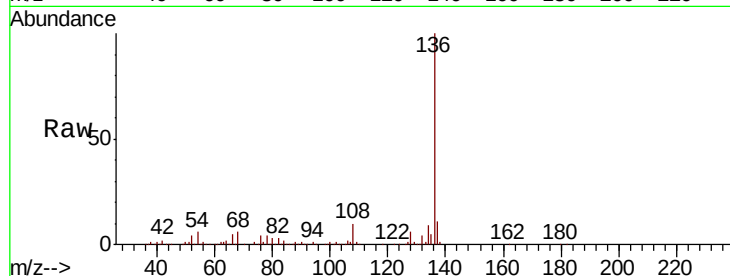




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF115992.D
Acq: 5 Aug 2019 20:54

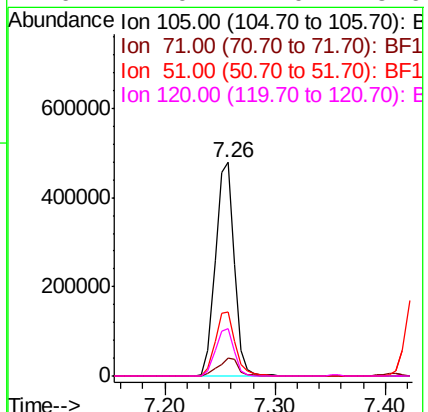
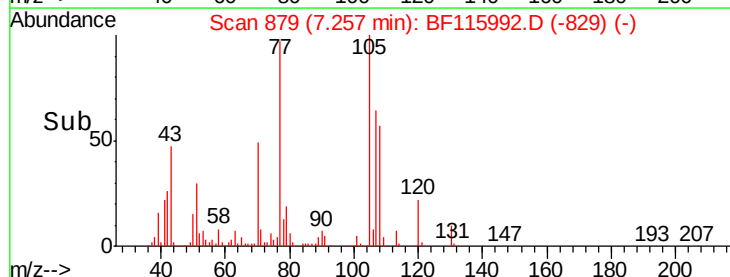
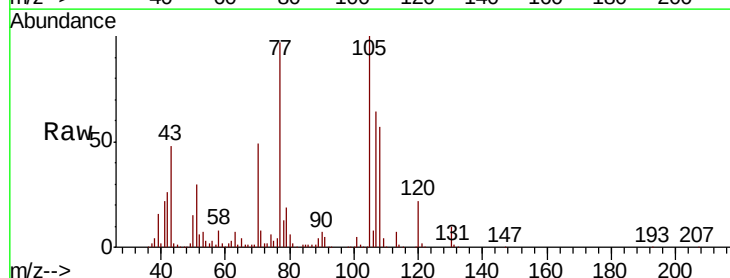
Instrument :
BNA_F
ClientSampleId :
PL-02-080119MS

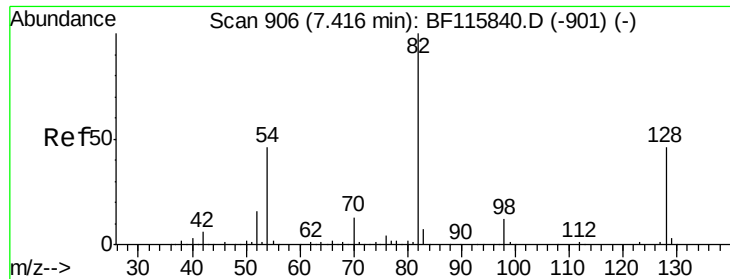
Tgt Ion:	136	Resp:	543804
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	6.4	6.1	9.1
68	5.7	5.4	8.2



#22
Acetophenone
Concen: 47.173 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF115992.D
Acq: 5 Aug 2019 20:54

Tgt Ion:	105	Resp:	562597
Ion	Ratio	Lower	Upper
105	100		
71	8.1	5.4	8.0#
51	30.1	24.6	36.8
120	22.0	17.0	25.6

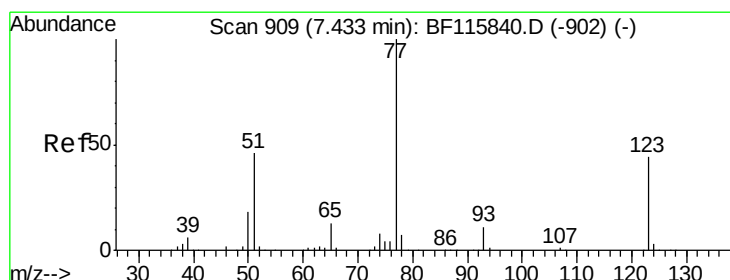
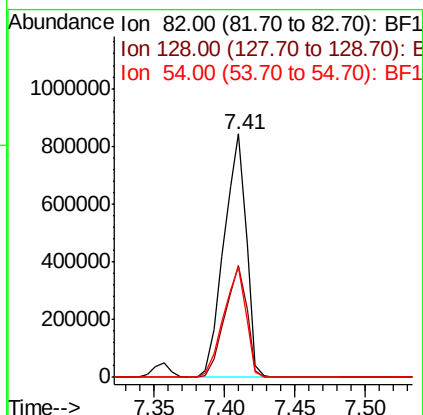
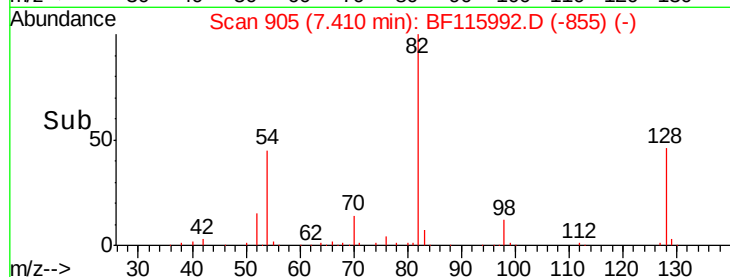
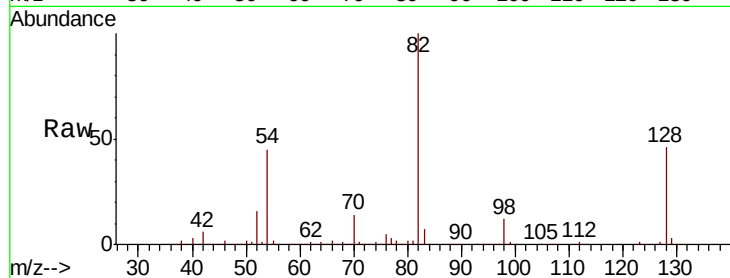




#23
 Nitrobenzene-d5
 Concen: 98.762 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF115992.D
 Acq: 5 Aug 2019 20:54

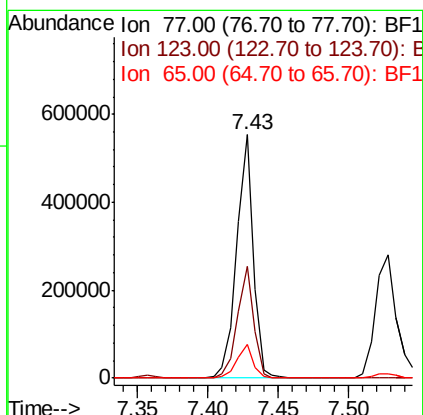
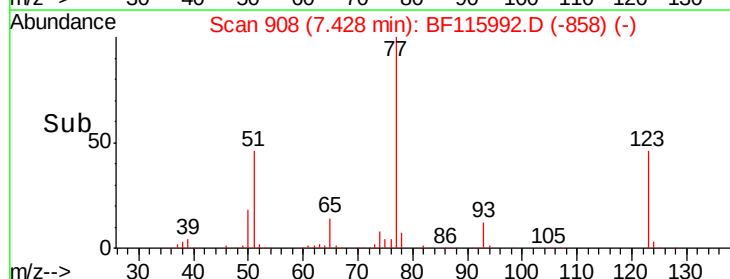
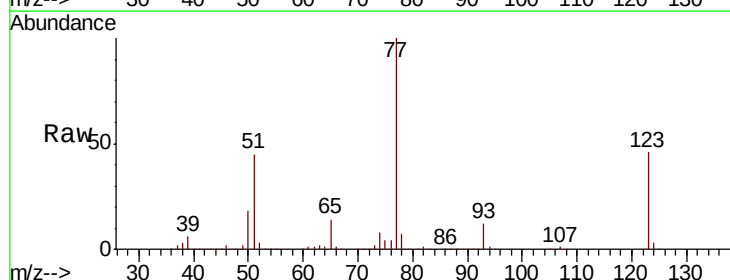
Instrument :
 BNA_F
 ClientSampleId :
 PL-02-080119MS

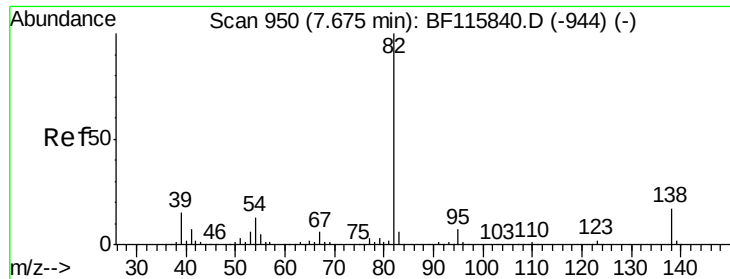
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.6	55.0
54	45.2	36.6	55.0



#24
 Nitrobenzene
 Concen: 44.597 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF115992.D
 Acq: 5 Aug 2019 20:54

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.1	35.5	53.3
65	13.7	10.6	15.8





#25

Isophorone

Concen: 46.177 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

Instrument :

BNA_F

ClientSampleId :

PL-02-080119MS

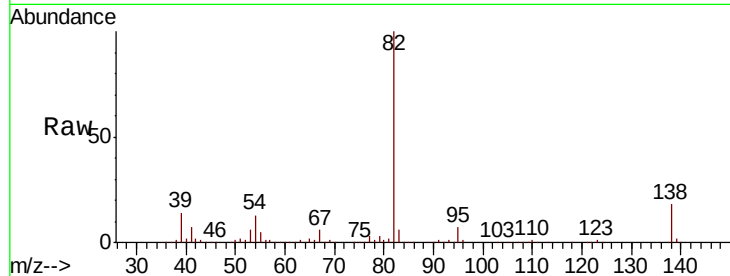
Tgt Ion: 82 Resp: 831839

Ion Ratio Lower Upper

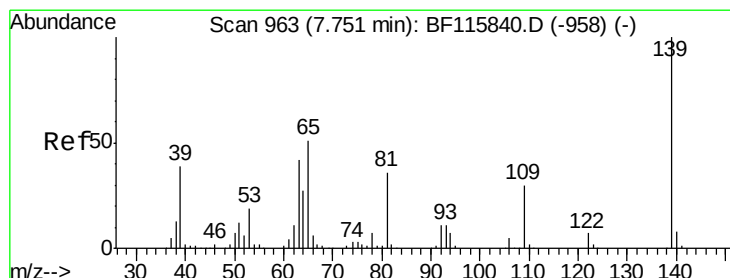
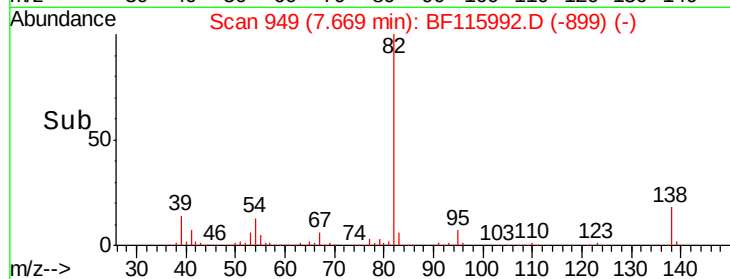
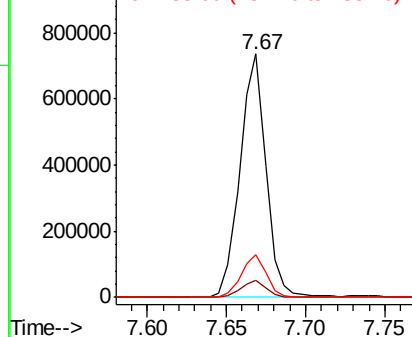
82 100

95 6.8 5.5 8.3

138 17.8 13.9 20.9



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: 46.301 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

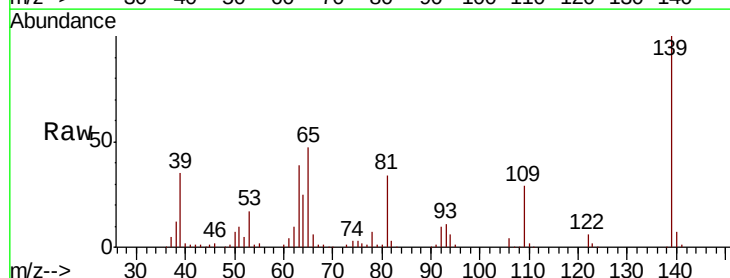
Tgt Ion: 139 Resp: 222017

Ion Ratio Lower Upper

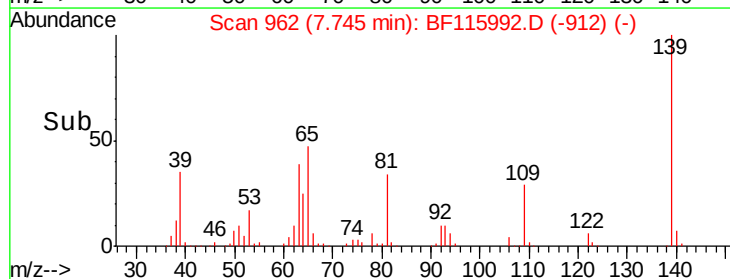
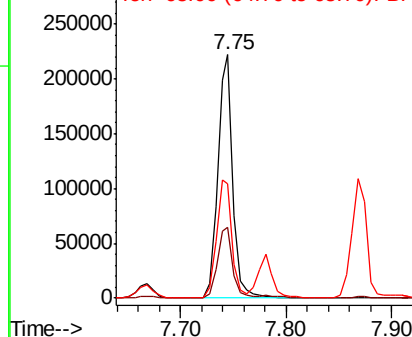
139 100

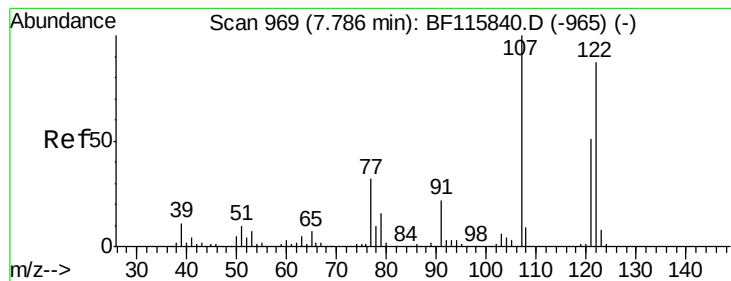
109 29.1 23.6 35.4

65 46.8 40.6 60.8



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: 50.741 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

Instrument :

BNA_F

ClientSampleId :

PL-02-080119MS

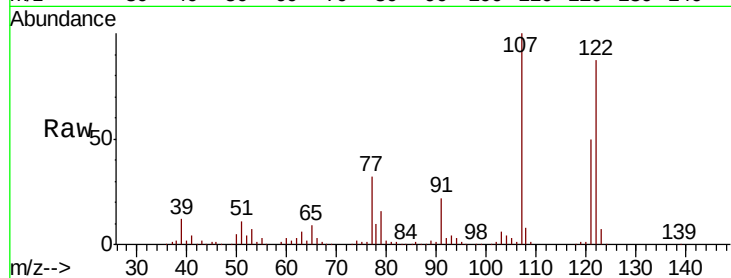
Tgt Ion:122 Resp: 366049

Ion Ratio Lower Upper

122 100

107 115.5 91.7 137.5

121 57.8 46.6 70.0

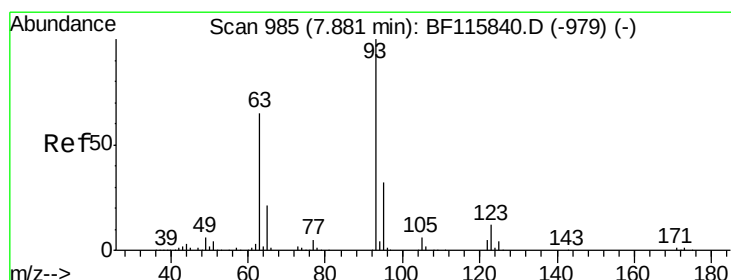
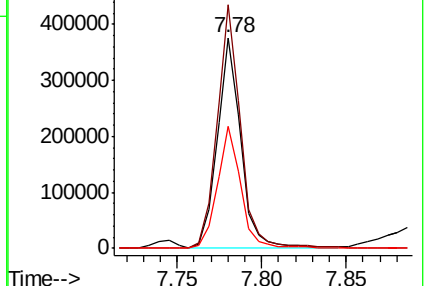
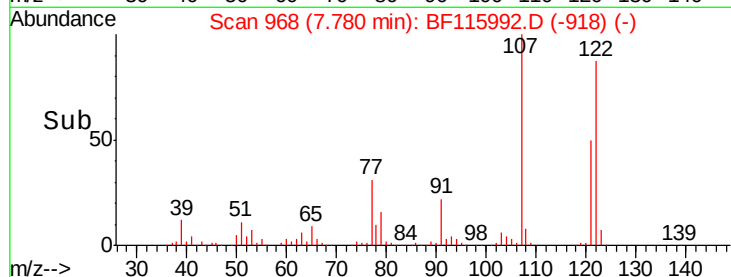


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 45.446 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

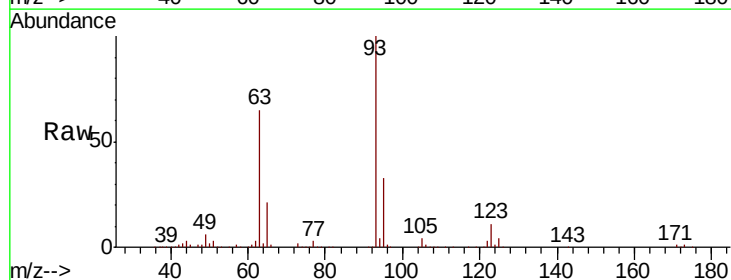
Tgt Ion: 93 Resp: 507432

Ion Ratio Lower Upper

93 100

95 32.7 26.0 39.0

123 11.4 9.5 14.3

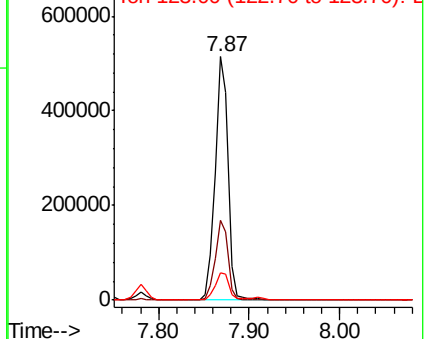
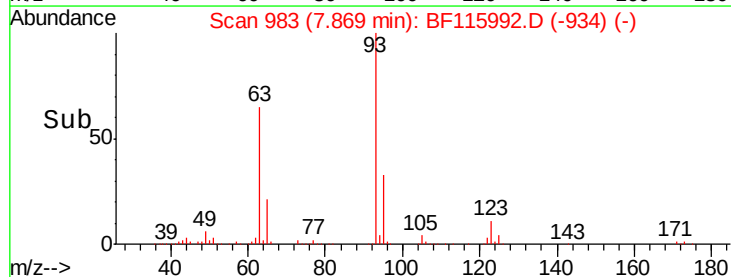


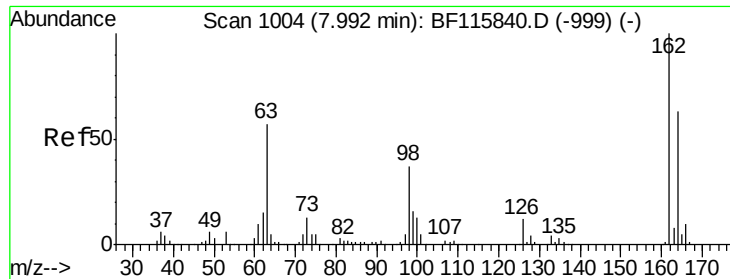
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

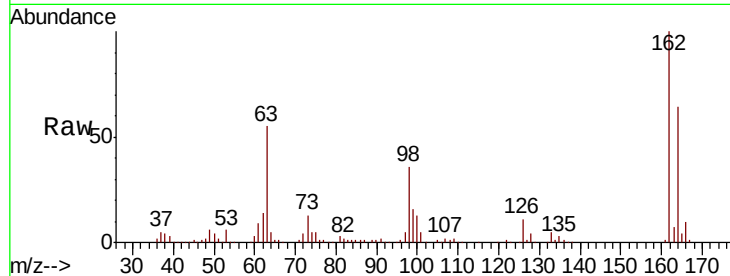




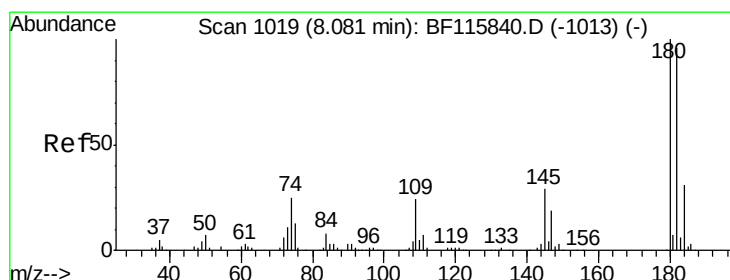
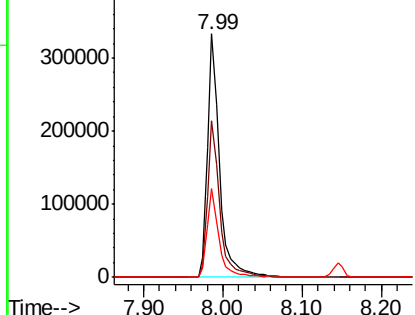
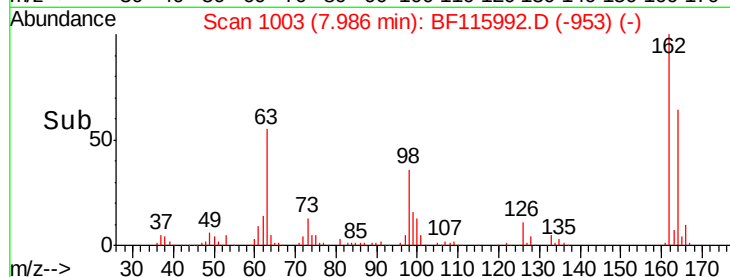
#29
2,4-Dichlorophenol
Concen: 47.020 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF115992.D
Acq: 5 Aug 2019 20:54

Instrument :
BNA_F
ClientSampleId :
PL-02-080119MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.5	43.2	83.2
98	36.4	17.3	57.3

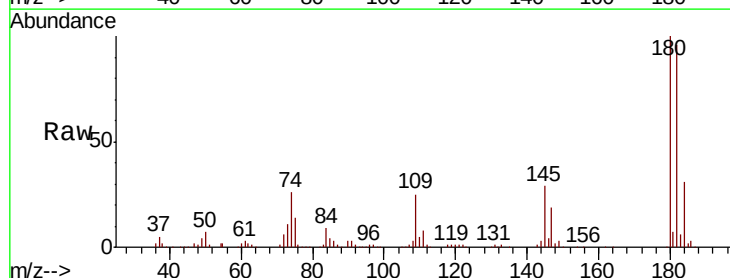


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

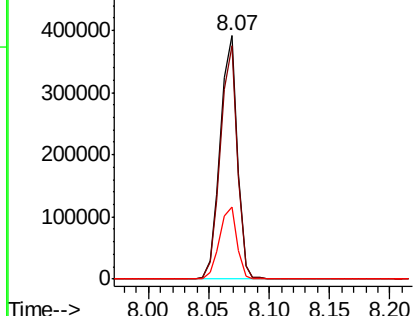
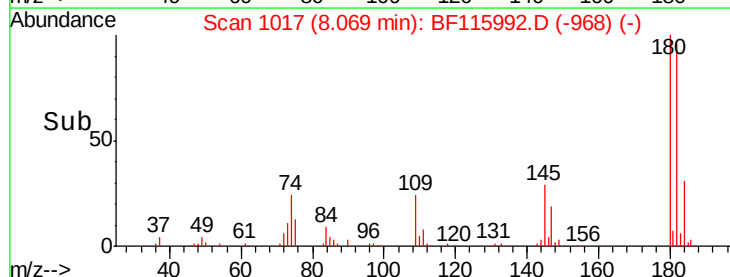


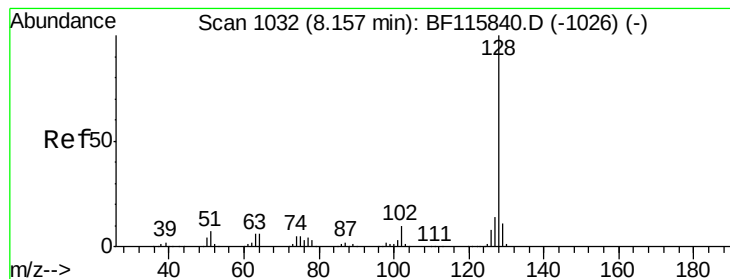
#30
1,2,4-Trichlorobenzene
Concen: 44.186 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF115992.D
Acq: 5 Aug 2019 20:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.6	114.8
145	29.5	23.2	34.8



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 46.576 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

Instrument :

BNA_F

ClientSampleId :

PL-02-080119MS

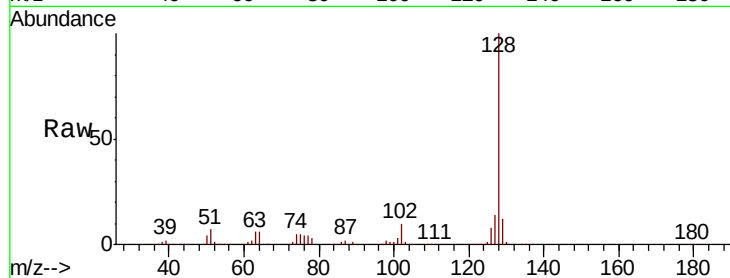
Tgt Ion:128 Resp: 1191899

Ion Ratio Lower Upper

128 100

129 11.6 9.2 13.8

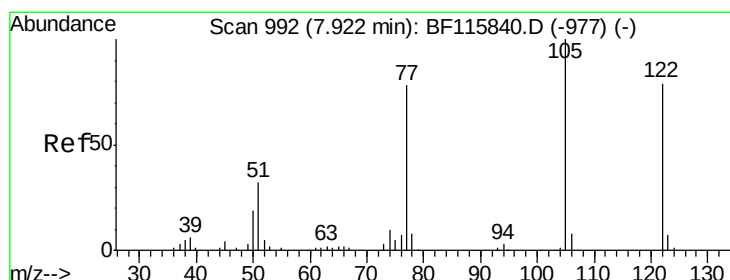
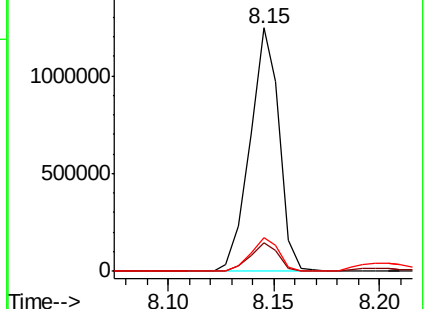
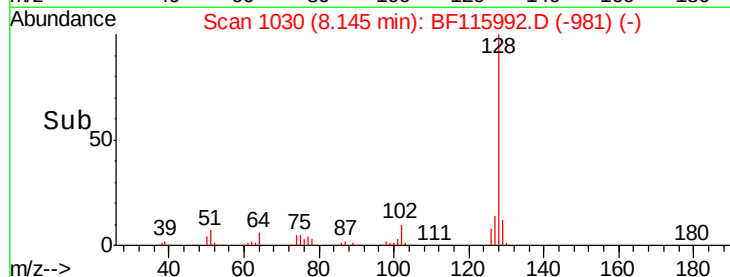
127 13.7 11.0 16.4



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: 30.166 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

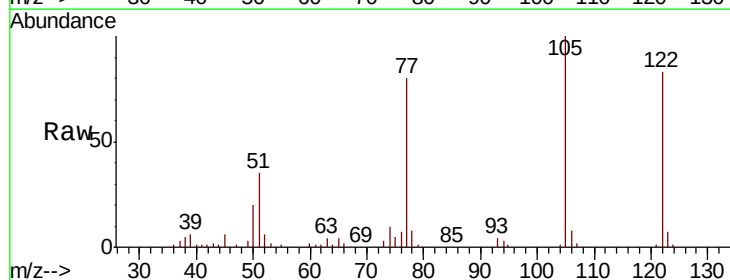
Tgt Ion:122 Resp: 153428

Ion Ratio Lower Upper

122 100

105 120.0 103.1 143.1

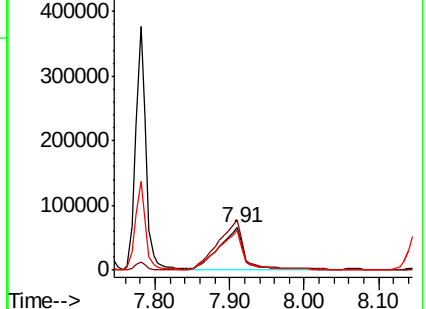
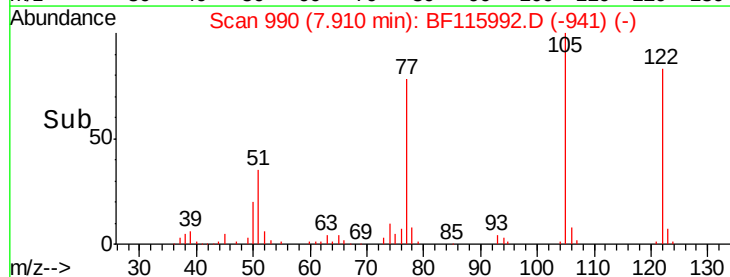
77 95.6 76.8 116.8

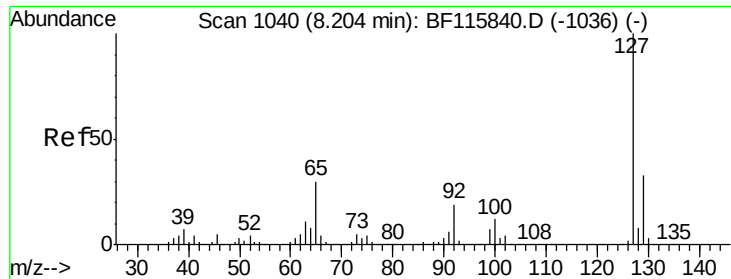


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

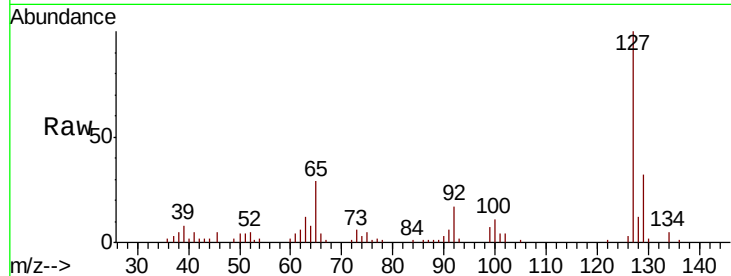




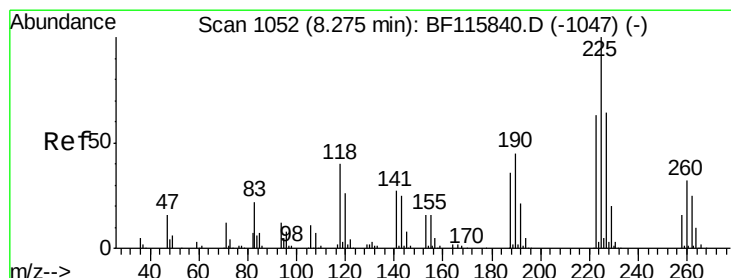
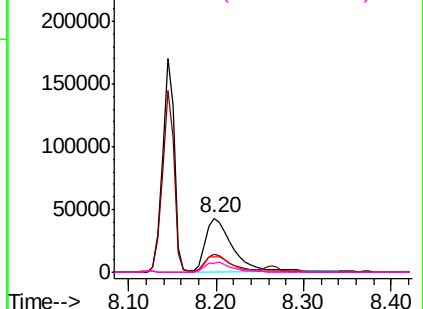
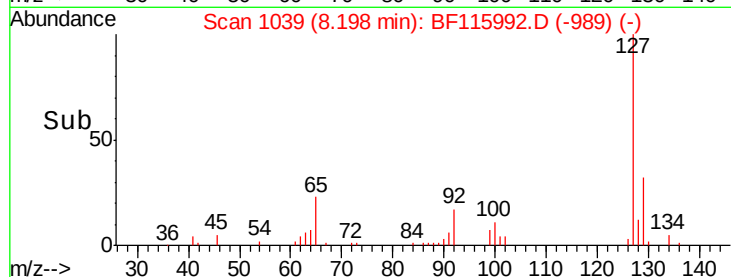
#33
4-Chloroaniline
Concen: 8.163 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF115992.D
Acq: 5 Aug 2019 20:54

Instrument :
BNA_F
ClientSampleId :
PL-02-080119MS

Tgt Ion:	127	Resp:	93339
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.0	39.0
65	29.5	23.9	35.9
92	17.4	14.9	22.3

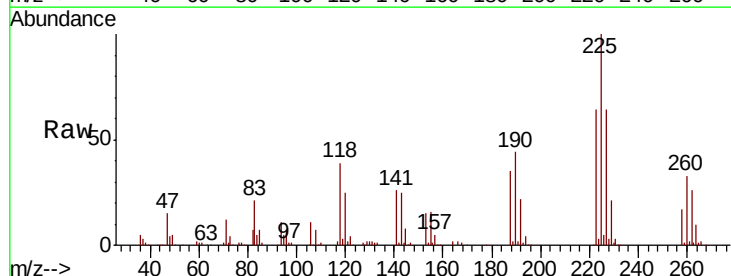


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

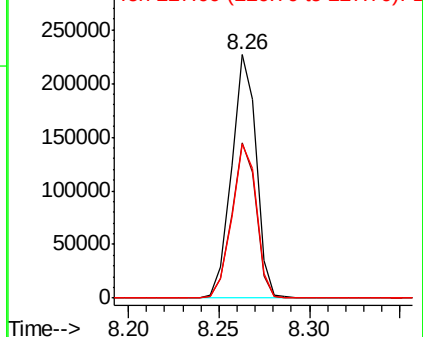
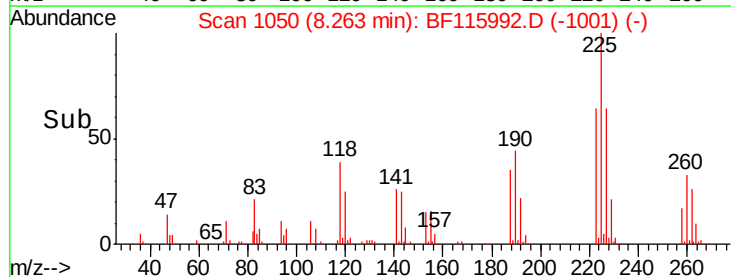


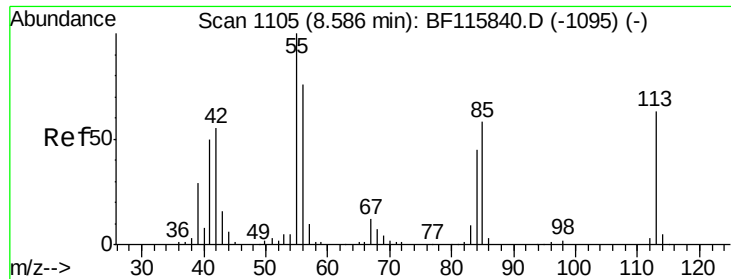
#34
Hexachlorobutadiene
Concen: 42.861 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF115992.D
Acq: 5 Aug 2019 20:54

Tgt Ion:	225	Resp:	214361
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.4	75.6
227	63.5	51.6	77.4



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

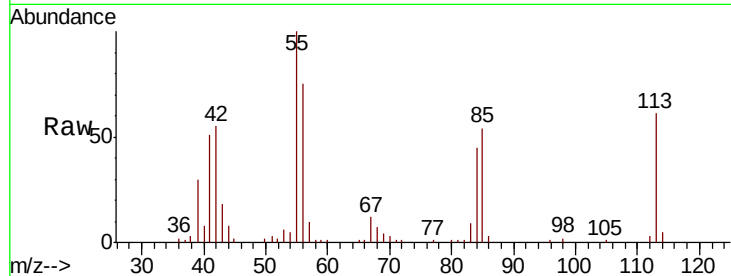




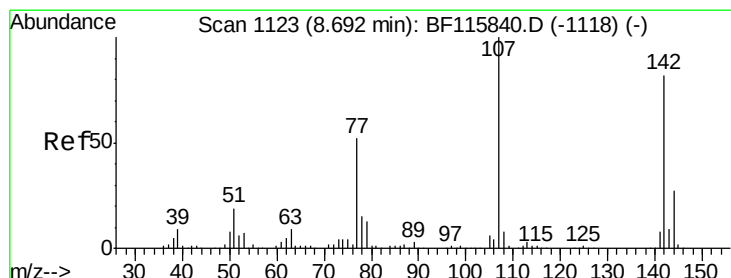
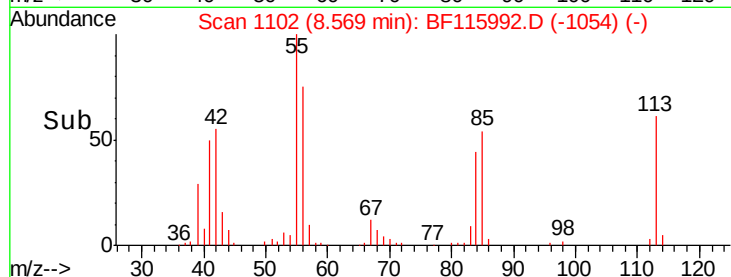
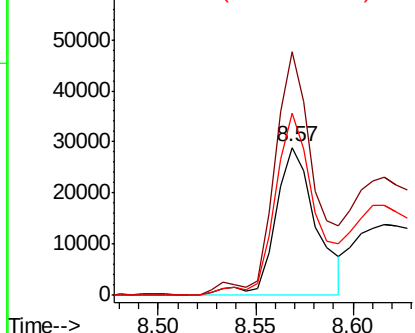
#35
 Caprolactam
 Concen: 16.985 ng
 RT: 8.57 min Scan# 1102
 Delta R.T. -0.02 min
 Lab File: BF115992.D
 Acq: 5 Aug 2019 20:54

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-080119MS

Tgt Ion:113 Resp: 41845
 Ion Ratio Lower Upper
 113 100
 55 164.6 138.1 178.1
 56 123.0 100.6 140.6

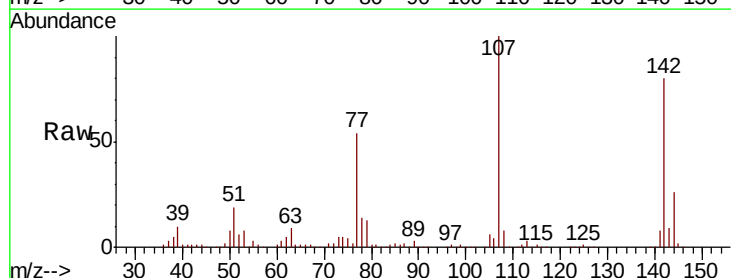


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

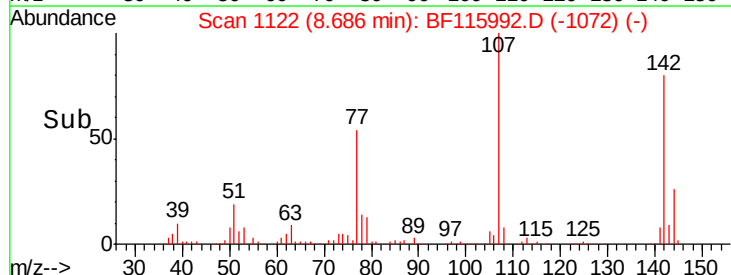
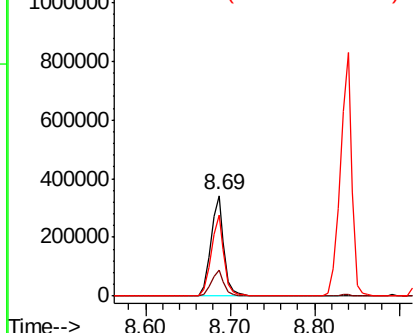


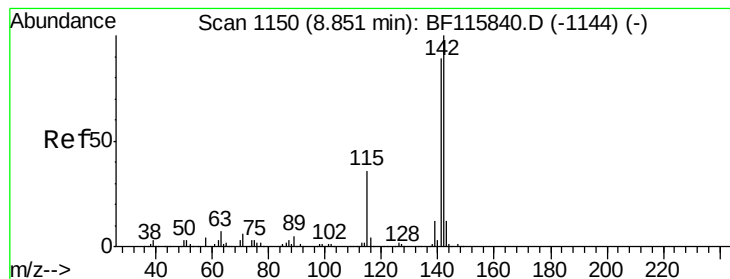
#36
 4-Chloro-3-methylphenol
 Concen: 47.540 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF115992.D
 Acq: 5 Aug 2019 20:54

Tgt Ion:107 Resp: 376720
 Ion Ratio Lower Upper
 107 100
 144 25.9 21.4 32.0
 142 80.5 65.5 98.3



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





#37

2-Methylnaphthalene

Concen: 47.726 ng

RT: 8.84 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

Instrument :

BNA_F

ClientSampleId :

PL-02-080119MS

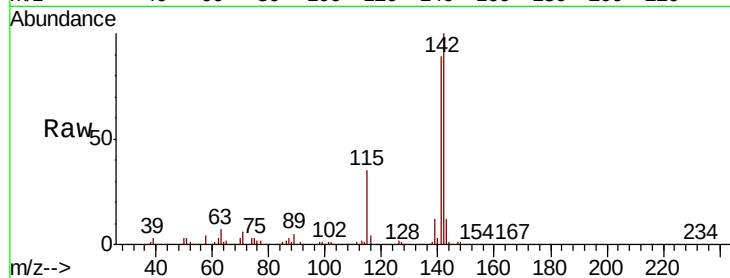
Tgt Ion:142 Resp: 804338

Ion Ratio Lower Upper

142 100

141 89.1 71.4 107.2

115 35.4 28.9 43.3

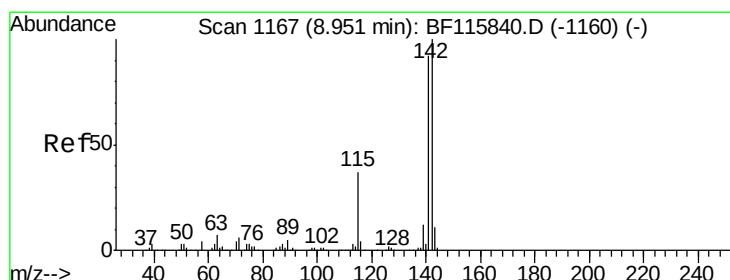
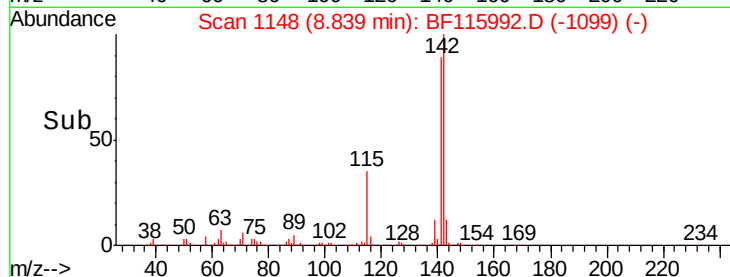
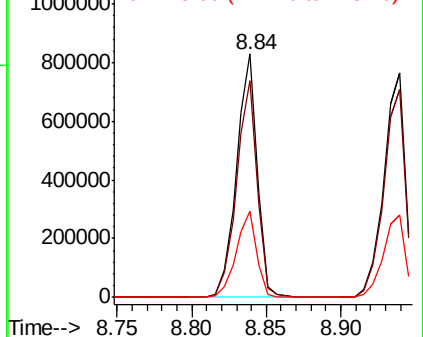


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 47.035 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

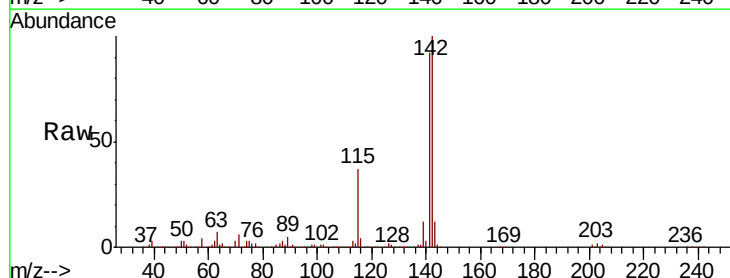
Tgt Ion:142 Resp: 749918

Ion Ratio Lower Upper

142 100

141 92.5 73.8 110.6

116 3.7 3.1 4.7

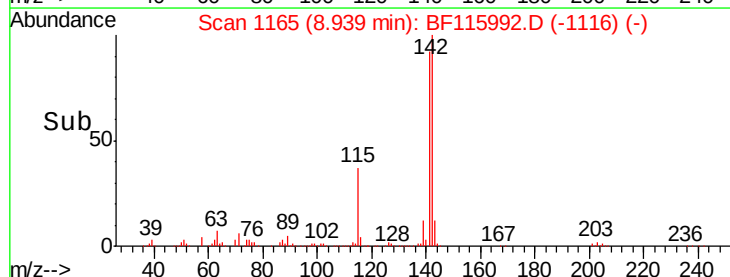
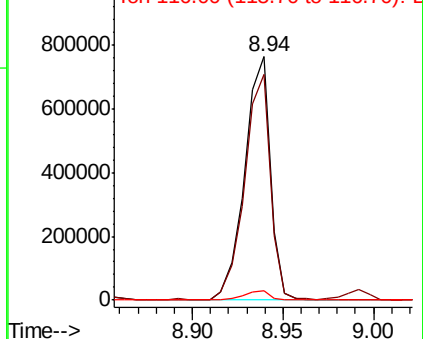


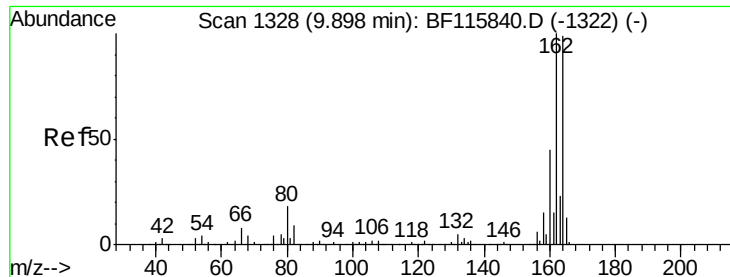
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

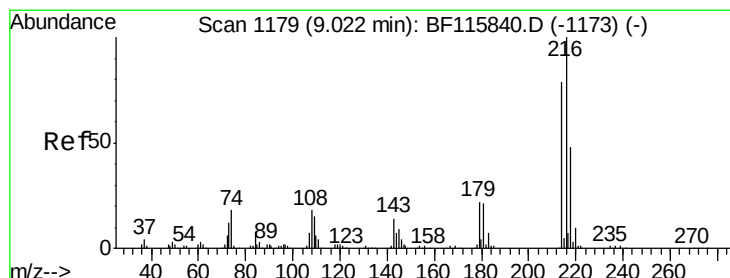
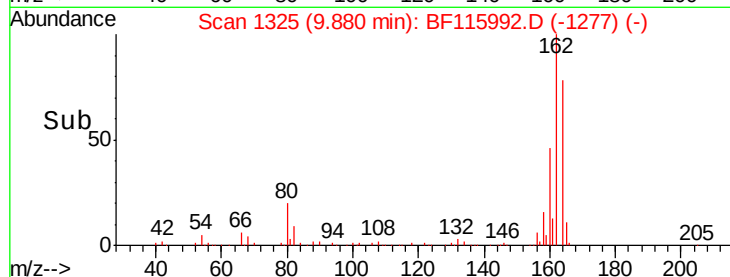
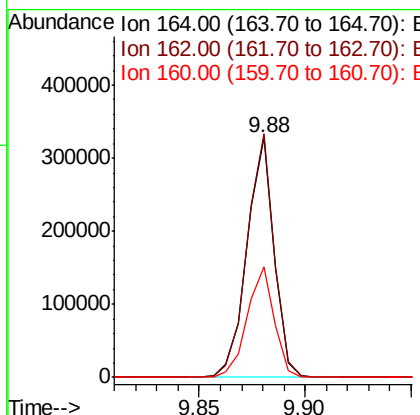
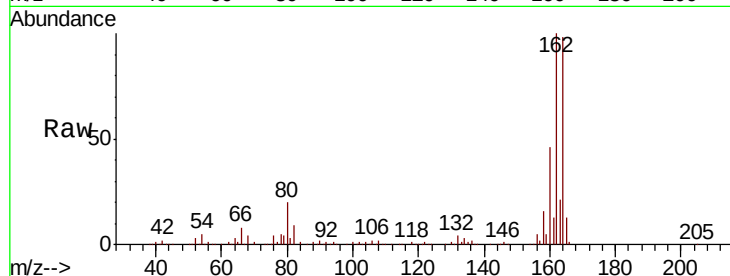




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.02 min
 Lab File: BF115992.D
 Acq: 5 Aug 2019 20:54

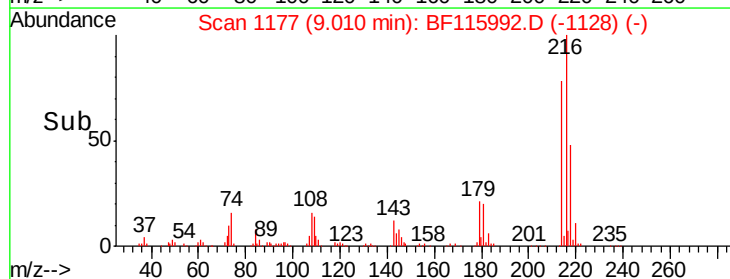
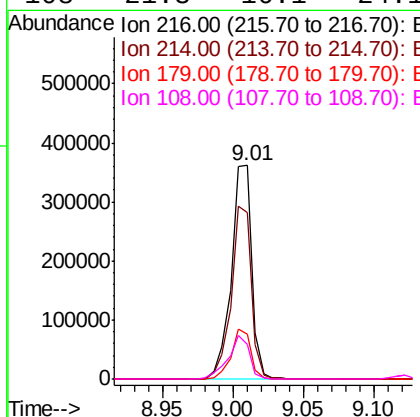
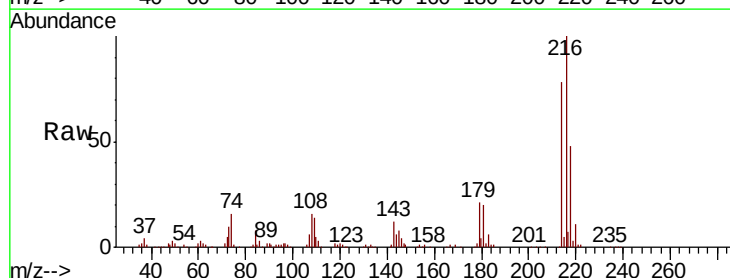
Instrument :
 BNA_F
 ClientSampleId :
 PL-02-080119MS

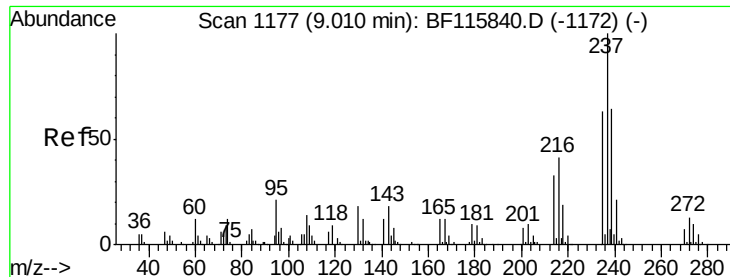
Tgt Ion:	164	Resp:	292579
Ion	Ratio	Lower	Upper
164	100		
162	101.7	80.8	121.2
160	46.4	36.2	54.4



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.673 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF115992.D
 Acq: 5 Aug 2019 20:54

Tgt Ion:	216	Resp:	365069
Ion	Ratio	Lower	Upper
216	100		
214	79.0	62.8	94.2
179	22.1	17.6	26.4
108	21.3	16.1	24.1

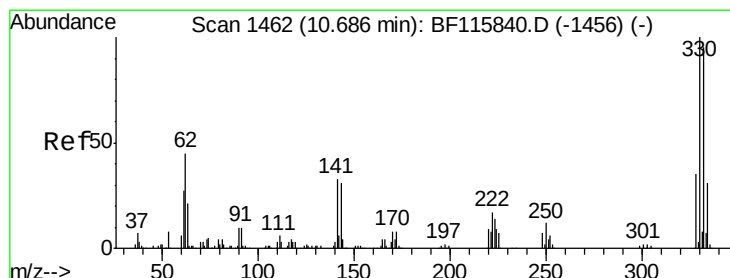
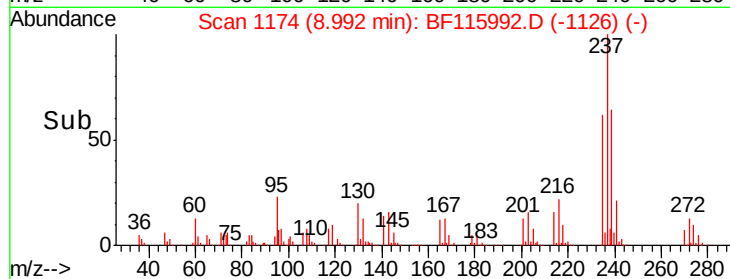
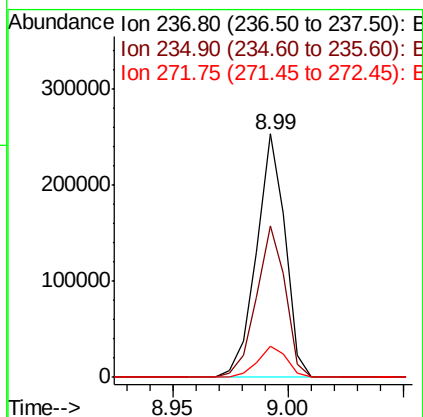
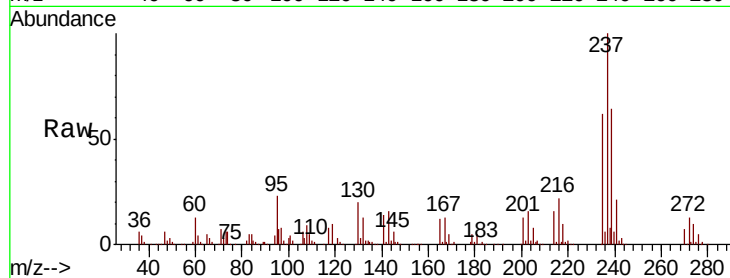




#41
Hexachlorocyclopentadiene
Concen: 64.018 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.02 min
Lab File: BF115992.D
Acq: 5 Aug 2019 20:54

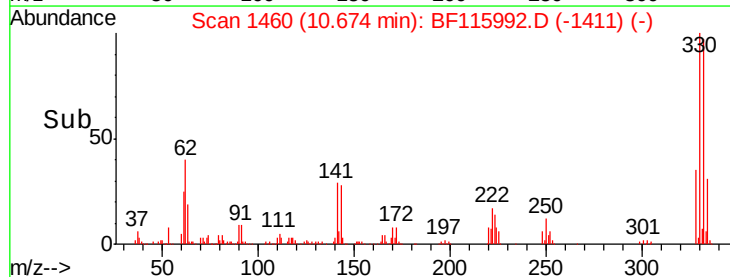
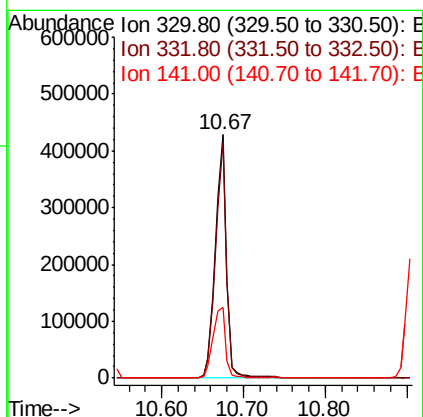
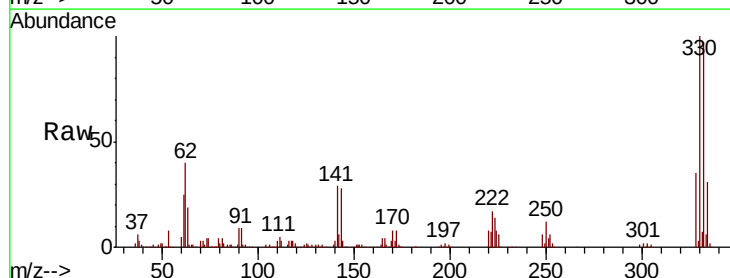
Instrument :
BNA_F
ClientSampleId :
PL-02-080119MS

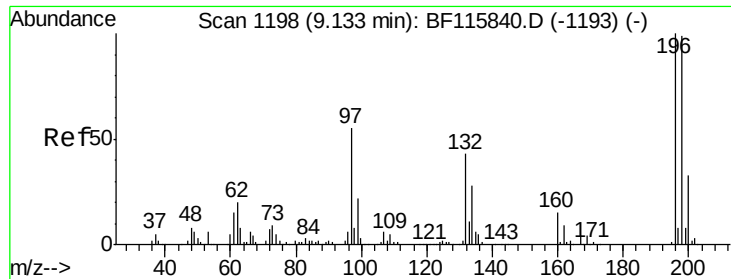
Tgt Ion: 237 Resp: 220309
Ion Ratio Lower Upper
237 100
235 62.3 42.5 82.5
272 12.8 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 145.570 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF115992.D
Acq: 5 Aug 2019 20:54

Tgt Ion: 330 Resp: 412930
Ion Ratio Lower Upper
330 100
332 96.1 77.7 116.5
141 32.8 28.1 42.1

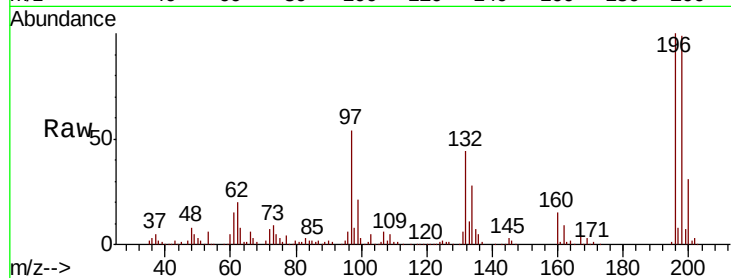




#43
 2,4,6-Trichlorophenol
 Concen: 45.685 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF115992.D
 Acq: 5 Aug 2019 20:54

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-080119MS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.1	79.1	118.7
200	31.4	26.0	39.0

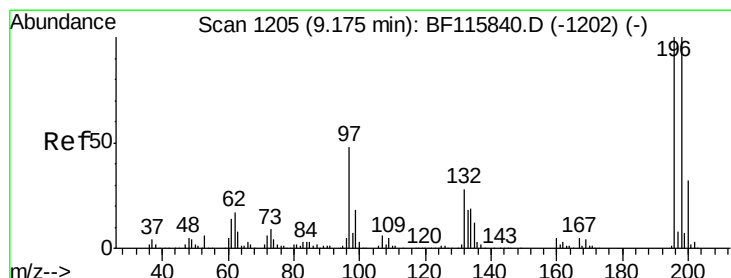
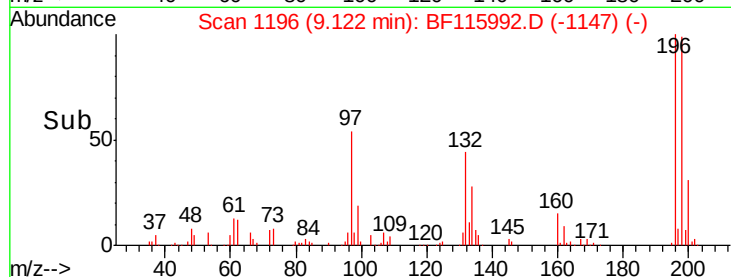
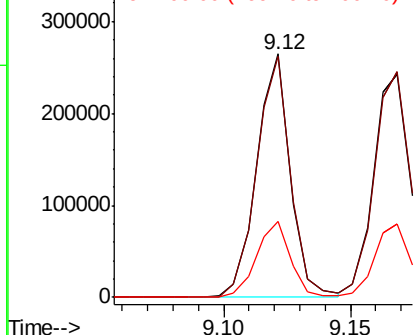


Abundance

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: 47.872 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF115992.D
 Acq: 5 Aug 2019 20:54

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.9	80.1	120.1
97	48.7	38.9	58.3
132	27.6	22.6	33.8

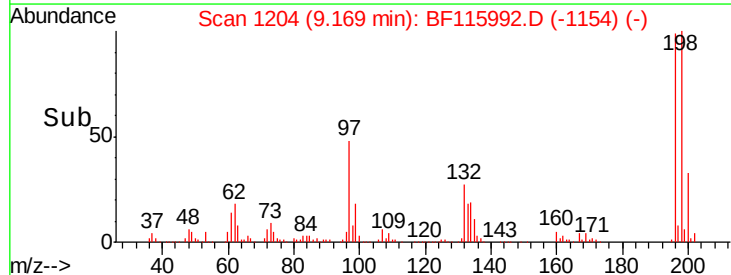
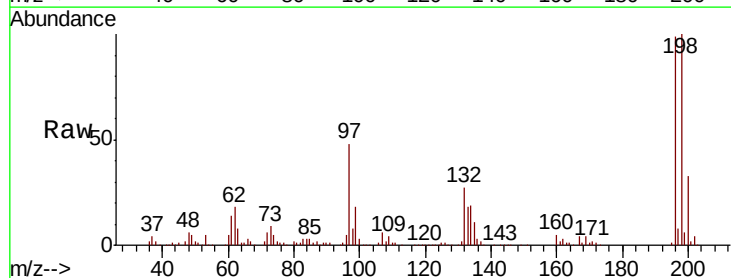
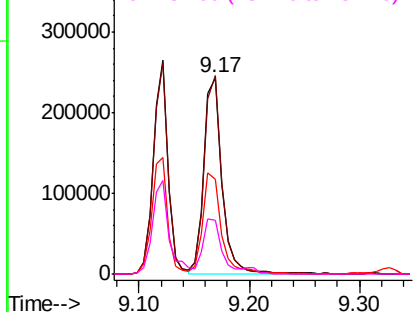
Abundance

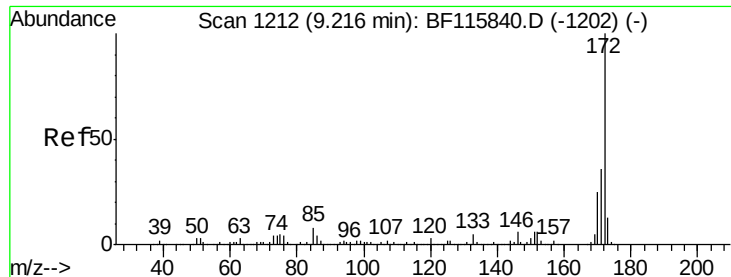
Ion 196.00 (195.70 to 196.70): E

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

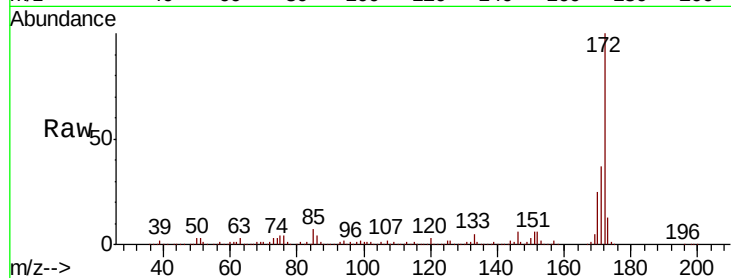




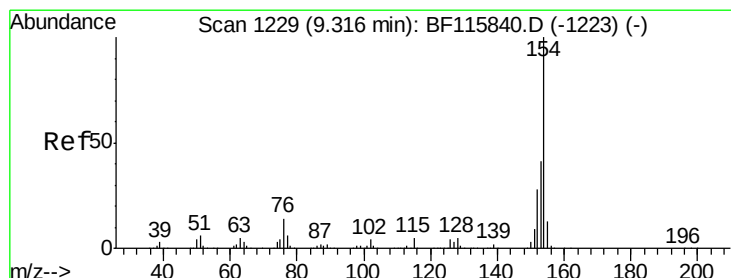
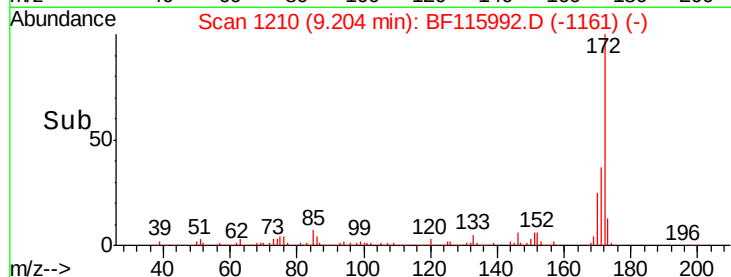
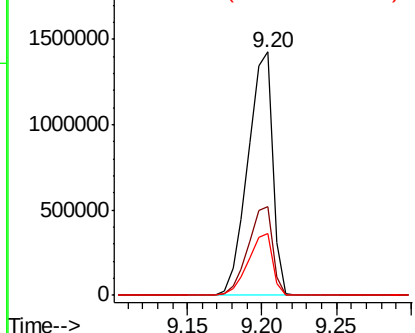
#45
 2-Fluorobiphenyl
 Concen: 104.703 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF115992.D
 Acq: 5 Aug 2019 20:54

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-080119MS

Tgt Ion:172 Resp: 1635491
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.1 43.7
 170 25.2 20.1 30.1

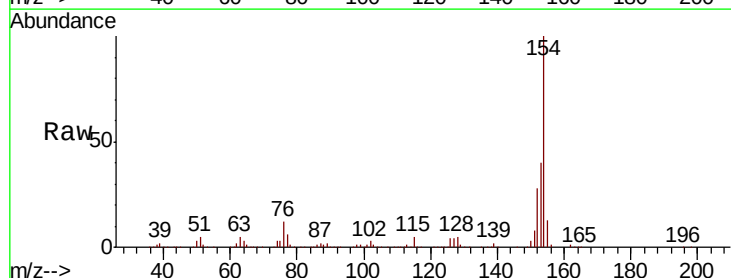


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

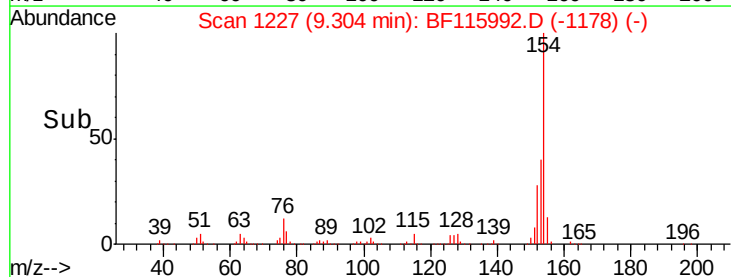
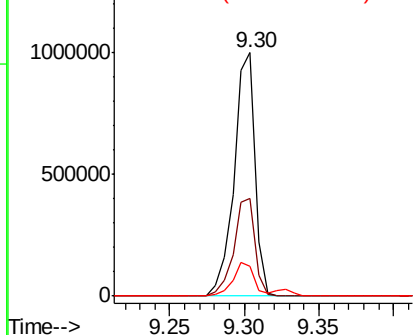


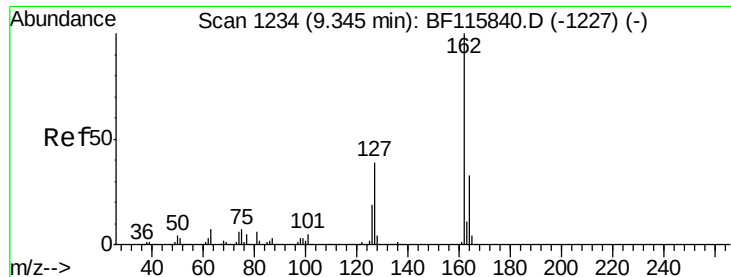
#46
 1,1'-Biphenyl
 Concen: 47.594 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BF115992.D
 Acq: 5 Aug 2019 20:54

Tgt Ion:154 Resp: 983108
 Ion Ratio Lower Upper
 154 100
 153 40.2 20.9 60.9
 76 12.4 0.0 34.3



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





#47

2-Chloronaphthalene

Concen: 44.850 ng

RT: 9.33 min Scan# 1231

Delta R.T. -0.02 min

Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

Instrument :

BNA_F

ClientSampleId :

PL-02-080119MS

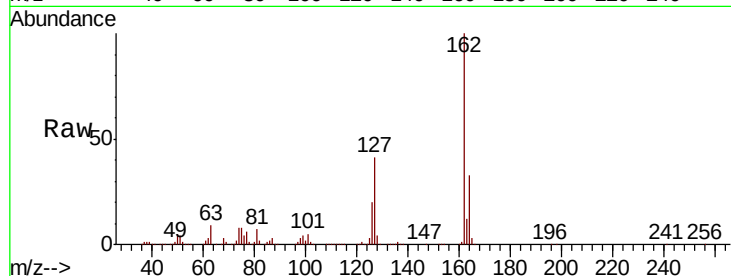
Tgt Ion: 162 Resp: 771049

Ion Ratio Lower Upper

162 100

127 40.7 31.3 46.9

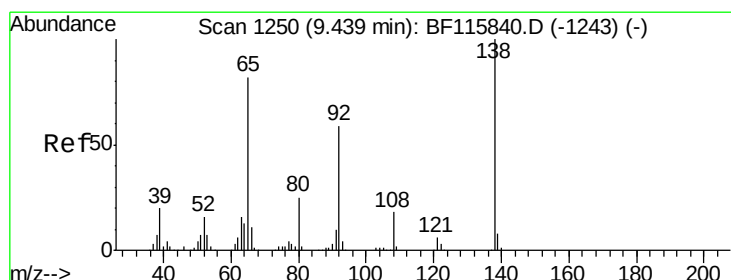
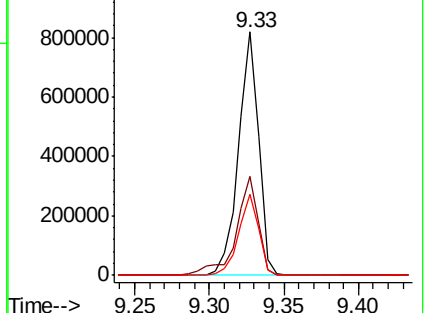
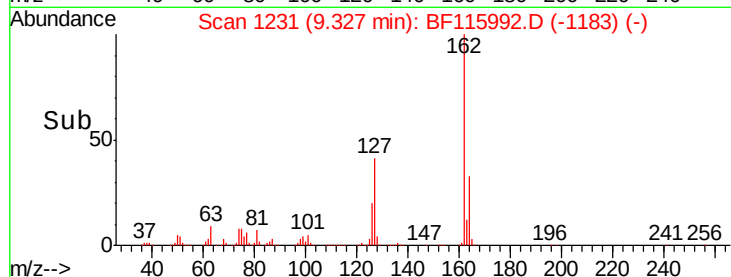
164 33.4 26.6 40.0



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: 44.038 ng

RT: 9.42 min Scan# 1247

Delta R.T. -0.02 min

Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

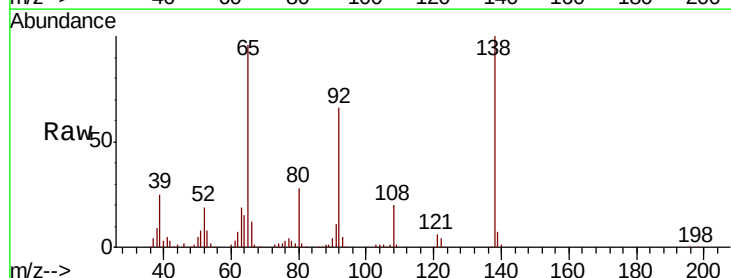
Tgt Ion: 65 Resp: 250250

Ion Ratio Lower Upper

65 100

92 68.9 57.1 85.7

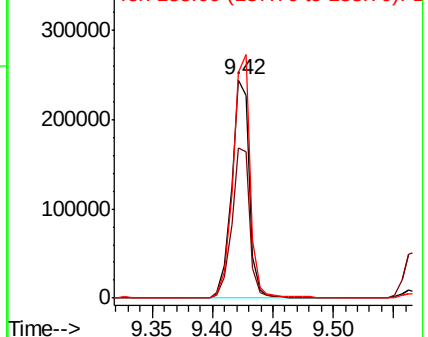
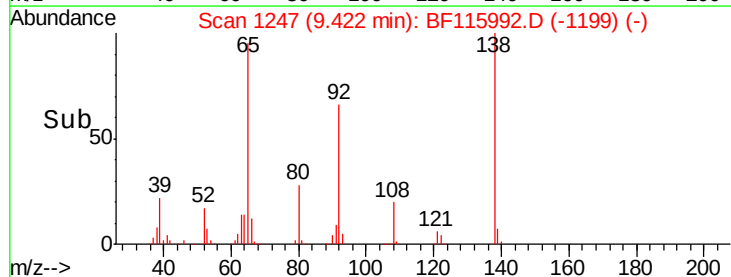
138 103.6 97.1 145.7

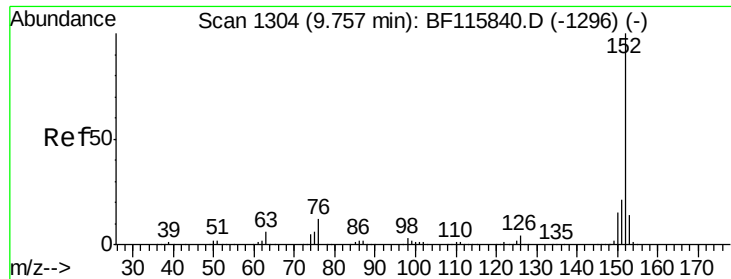


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 47.079 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

Instrument :

BNA_F

ClientSampleId :

PL-02-080119MS

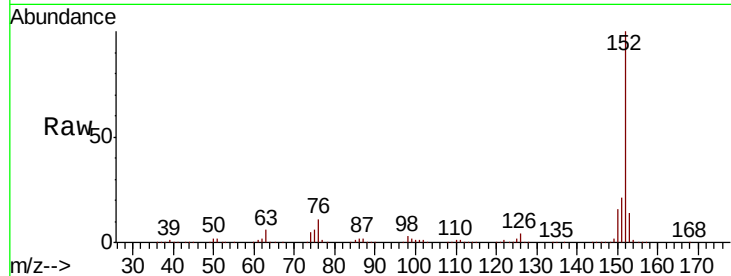
Tgt Ion:152 Resp: 1180809

Ion Ratio Lower Upper

152 100

151 21.0 16.8 25.2

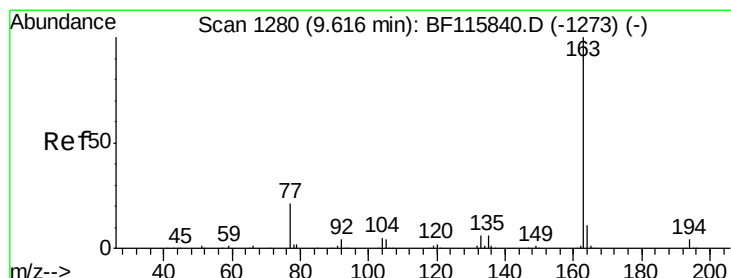
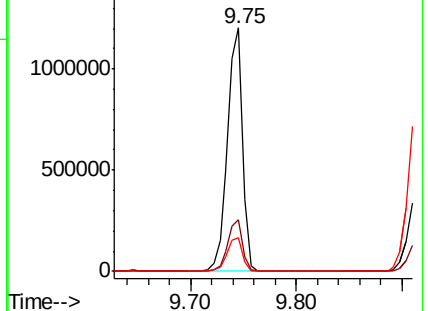
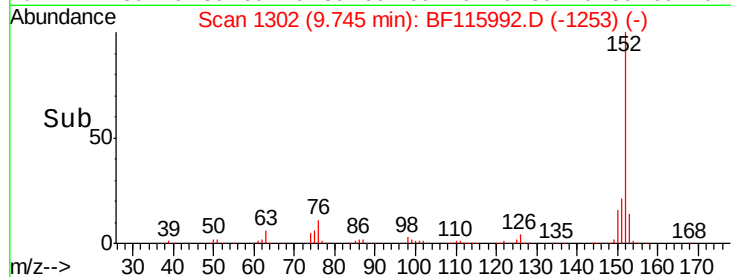
153 14.1 11.6 17.4



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: 46.732 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

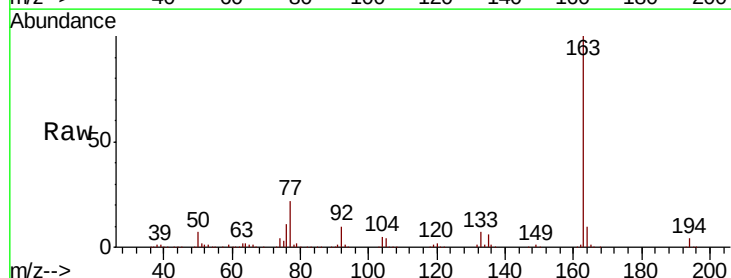
Tgt Ion:163 Resp: 930962

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

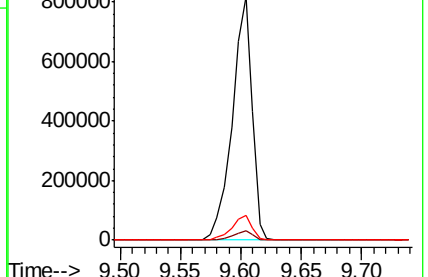
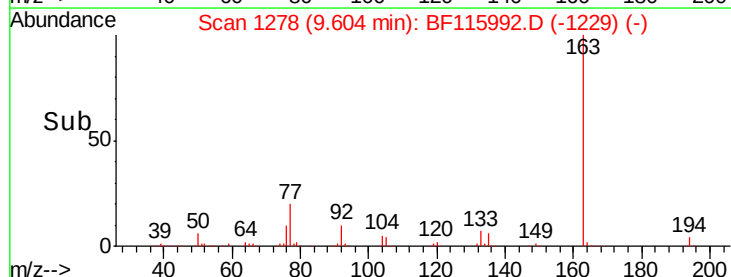
164 10.4 8.4 12.6

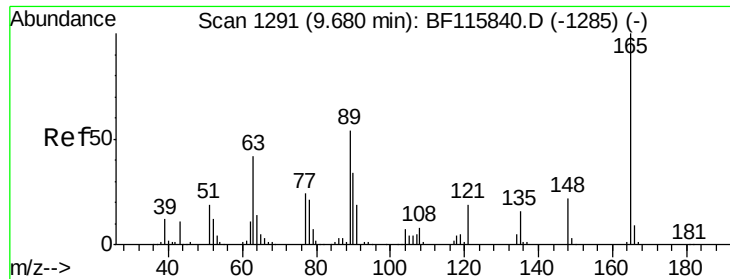


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

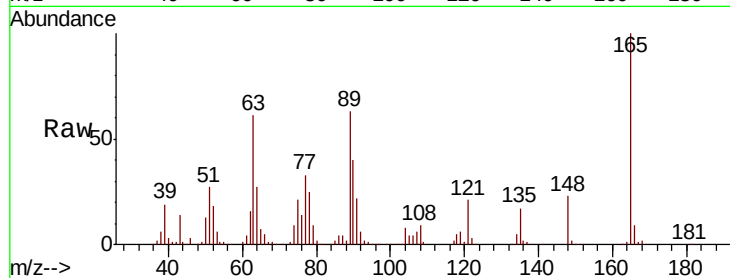




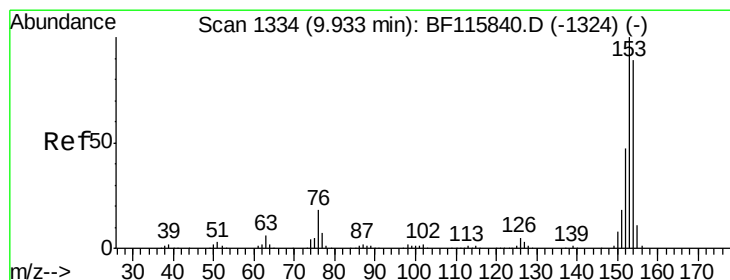
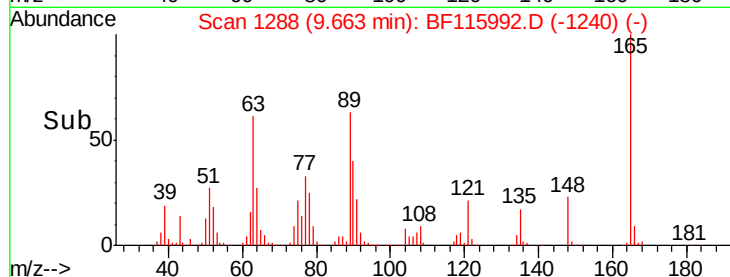
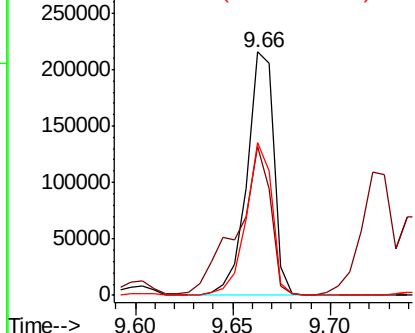
#51
 2,6-Dinitrotoluene
 Concen: 47.515 ng
 RT: 9.66 min Scan# 1288
 Delta R.T. -0.02 min
 Lab File: BF115992.D
 Acq: 5 Aug 2019 20:54

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-080119MS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	61.0	39.4	59.2#
89	63.0	43.0	64.6

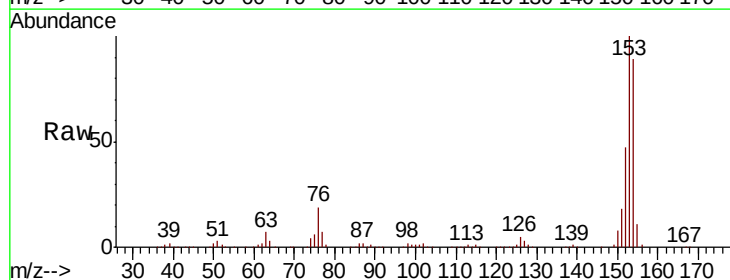


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

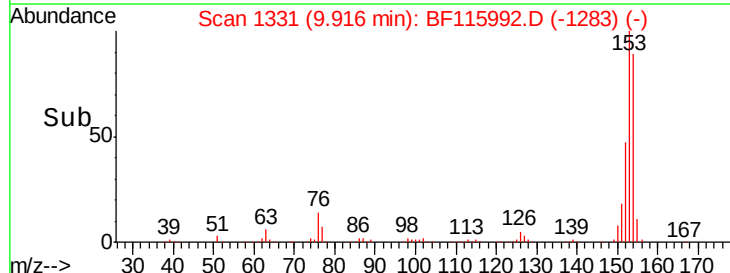
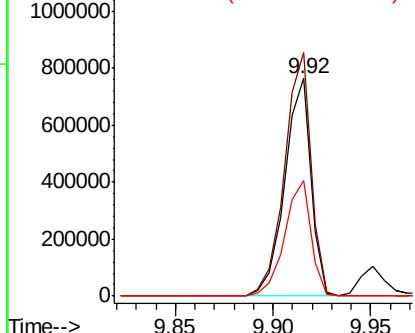


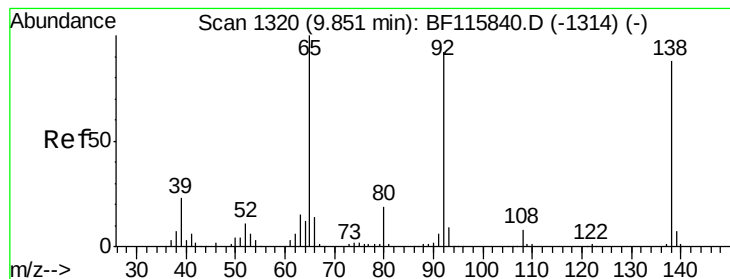
#52
 Acenaphthene
 Concen: 46.353 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.02 min
 Lab File: BF115992.D
 Acq: 5 Aug 2019 20:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.8	90.1	135.1
152	52.8	42.6	63.8



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: 18.060 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.02 min

Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

Instrument :

BNA_F

ClientSampleId :

PL-02-080119MS

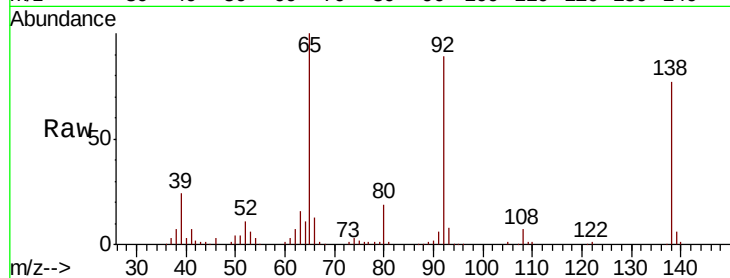
Tgt Ion:138 Resp: 96609

Ion Ratio Lower Upper

138 100

108 9.3 7.4 11.2

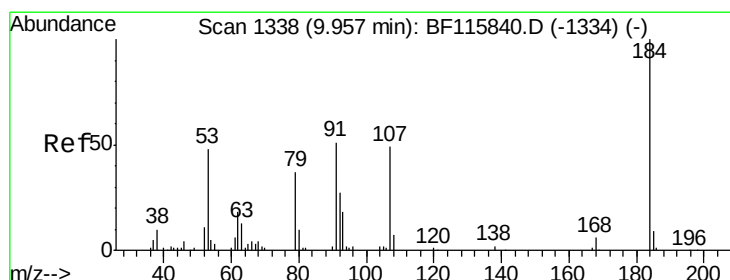
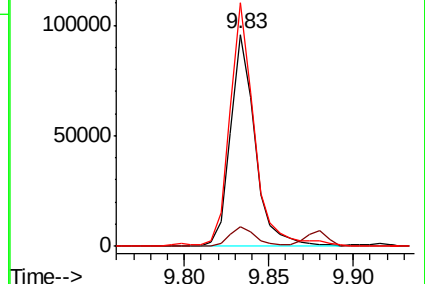
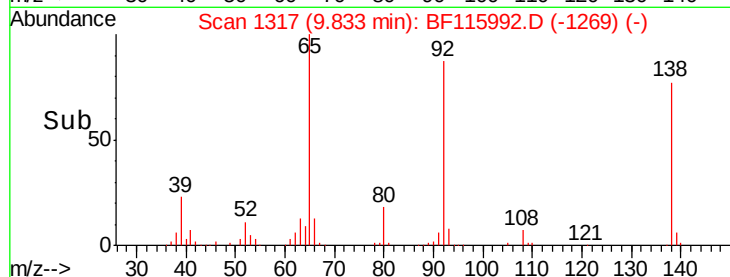
92 114.9 83.9 125.9



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: 72.274 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

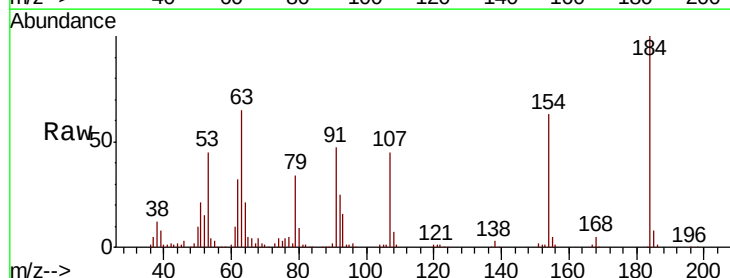
Tgt Ion:184 Resp: 157301

Ion Ratio Lower Upper

184 100

63 65.3 56.7 85.1

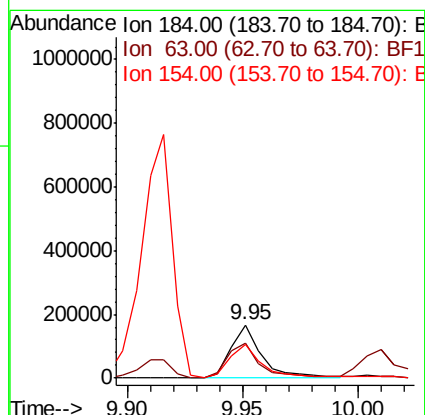
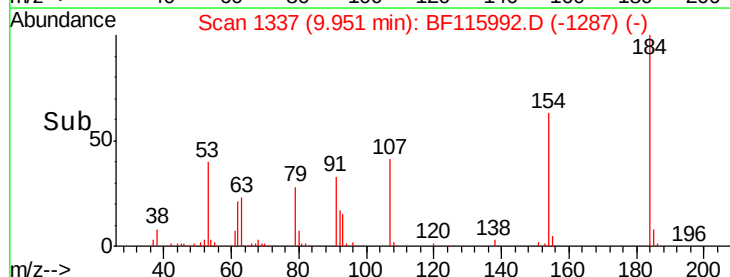
154 63.4 51.9 77.9

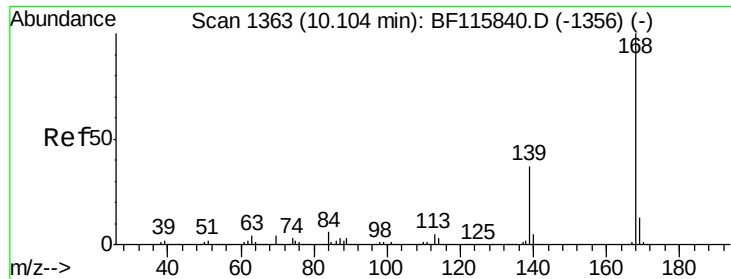


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

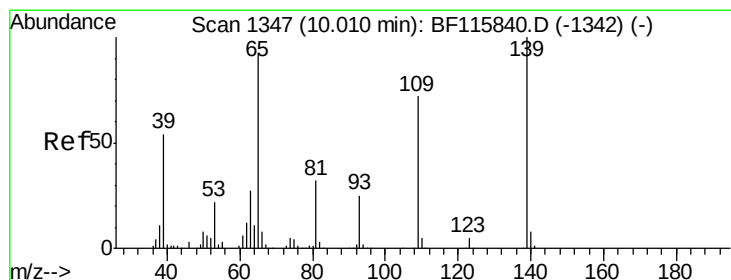
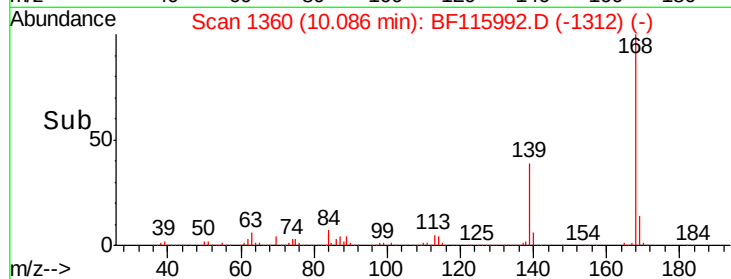
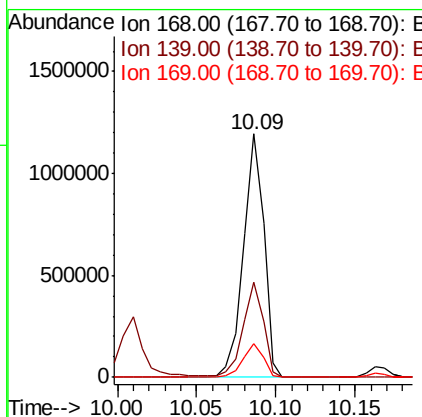
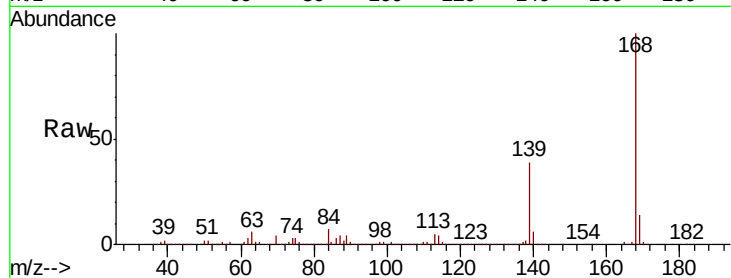




#55
Dibenzofuran
Concen: 47.636 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.02 min
Lab File: BF115992.D
Acq: 5 Aug 2019 20:54

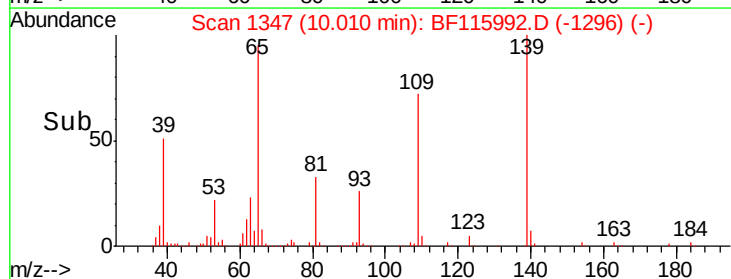
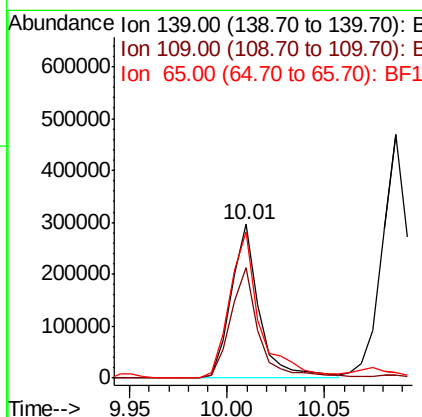
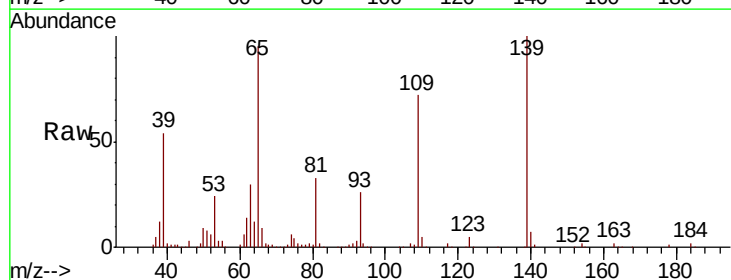
Instrument :
BNA_F
ClientSampleId :
PL-02-080119MS

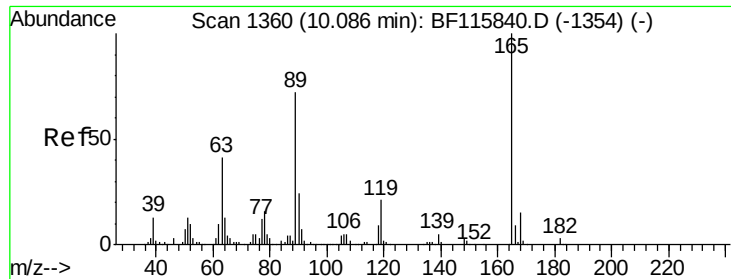
Tgt Ion:168 Resp: 1065936
Ion Ratio Lower Upper
168 100
139 39.3 30.2 45.2
169 13.8 10.8 16.2



#56
4-Nitrophenol
Concen: 86.603 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF115992.D
Acq: 5 Aug 2019 20:54

Tgt Ion:139 Resp: 296771
Ion Ratio Lower Upper
139 100
109 71.8 52.0 92.0
65 95.2 72.6 112.6





#57

2,4-Dinitrotoluene

Concen: 47.373 ng

RT: 10.07 min Scan# 1358

Delta R.T. -0.01 min

Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

Instrument :

BNA_F

ClientSampleId :

PL-02-080119MS

Tgt Ion:165 Resp: 273060

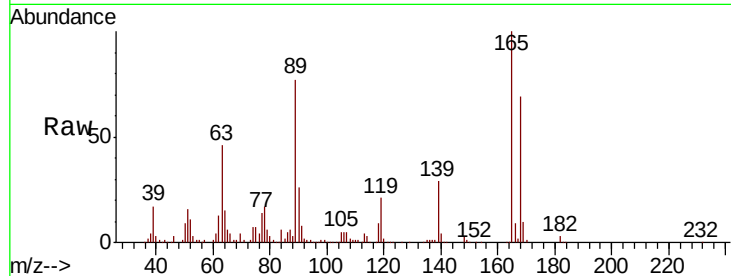
Ion Ratio Lower Upper

165 100

63 46.3 33.2 49.8

89 76.7 57.3 85.9

182 2.7 2.1 3.1

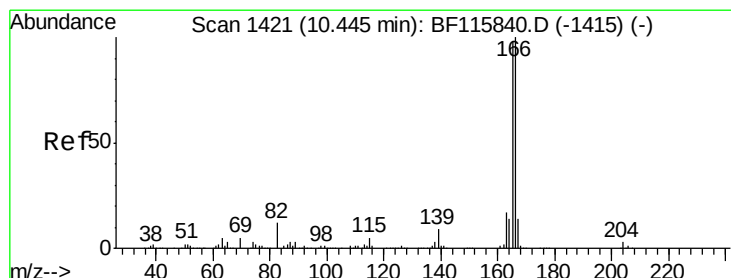
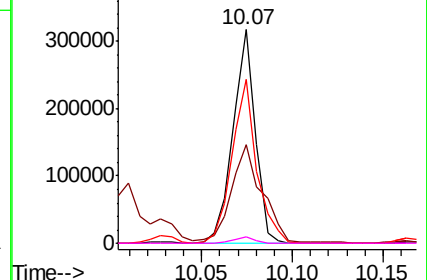
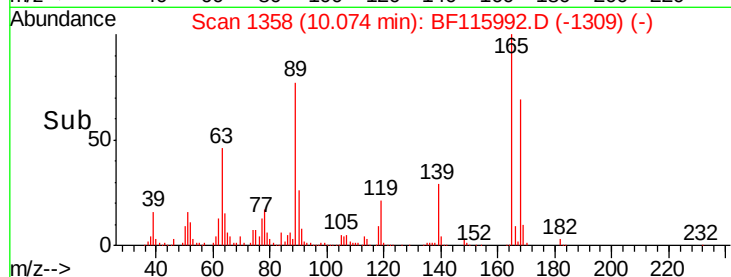


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 47.685 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.02 min

Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

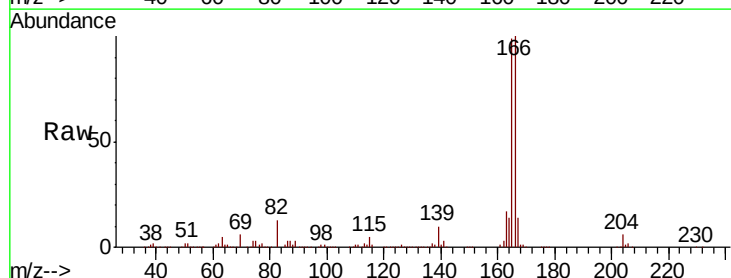
Tgt Ion:166 Resp: 820943

Ion Ratio Lower Upper

166 100

165 98.6 78.6 118.0

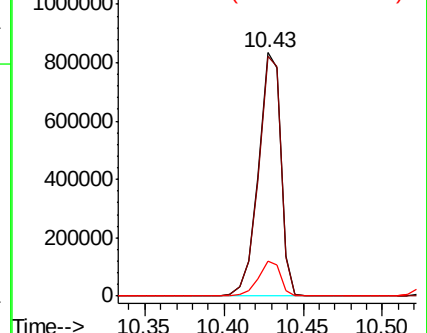
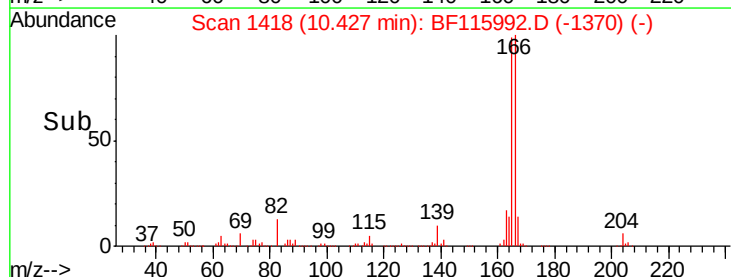
167 14.3 10.9 16.3

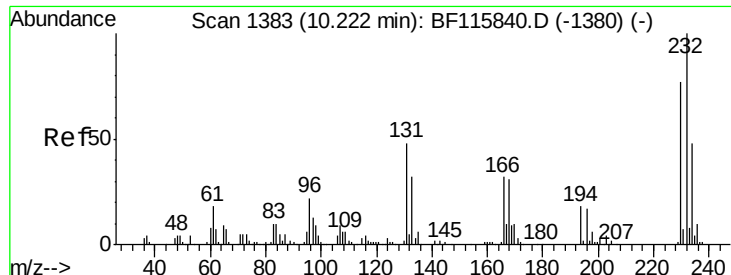


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

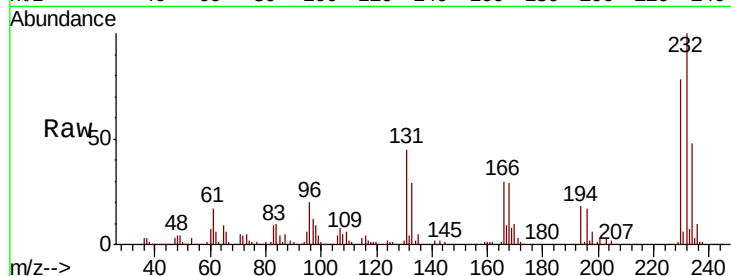




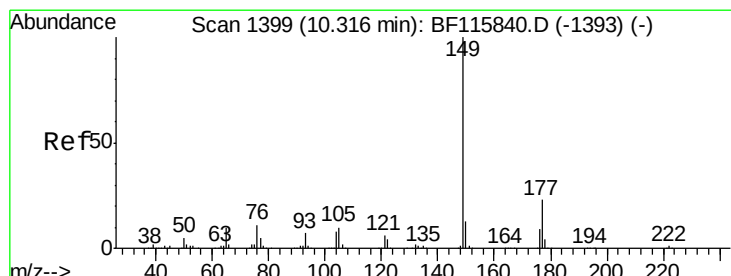
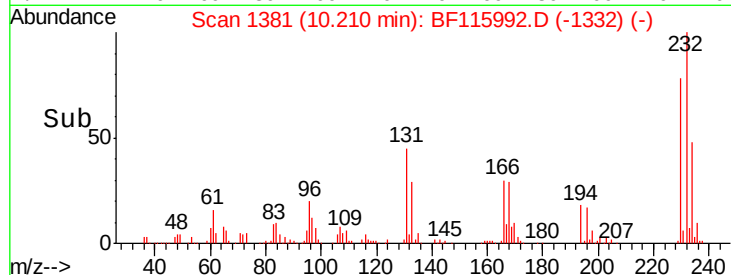
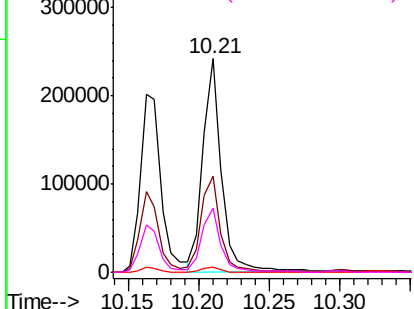
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.126 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: BF115992.D
 Acq: 5 Aug 2019 20:54

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-080119MS

Tgt Ion:	232	Resp:	220650
Ion	Ratio	Lower	Upper
232	100		
131	47.3	37.6	56.4
130	2.6	1.8	2.8
166	30.5	24.6	37.0

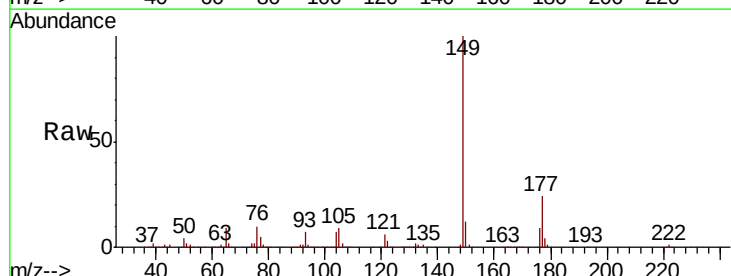


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

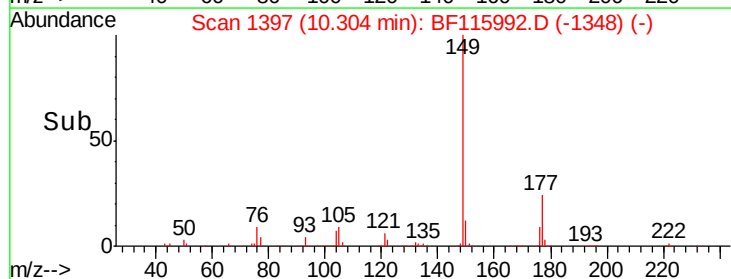
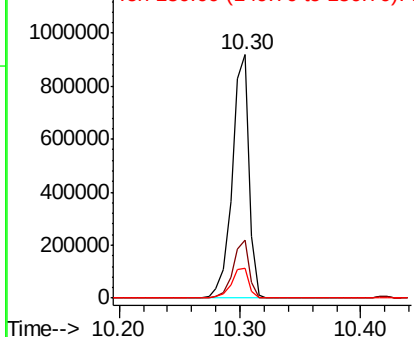


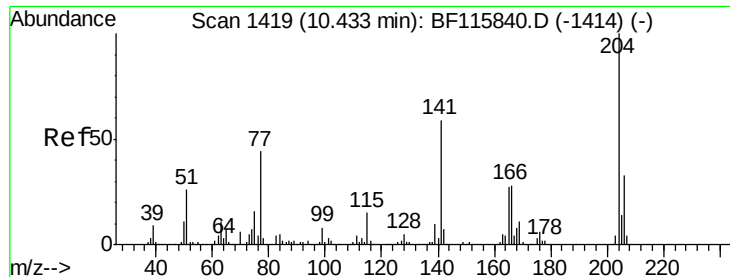
#60
 Diethylphthalate
 Concen: 47.806 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF115992.D
 Acq: 5 Aug 2019 20:54

Tgt Ion:	149	Resp:	889141
Ion	Ratio	Lower	Upper
149	100		
177	23.8	18.4	27.6
150	12.4	10.1	15.1



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

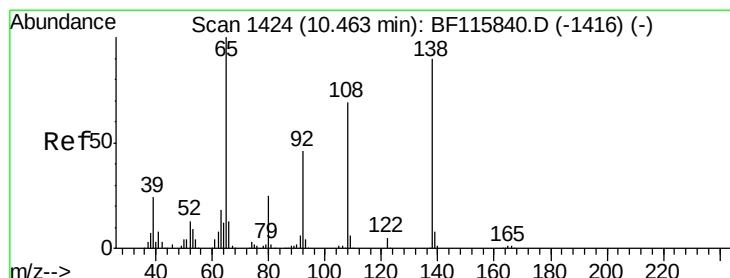
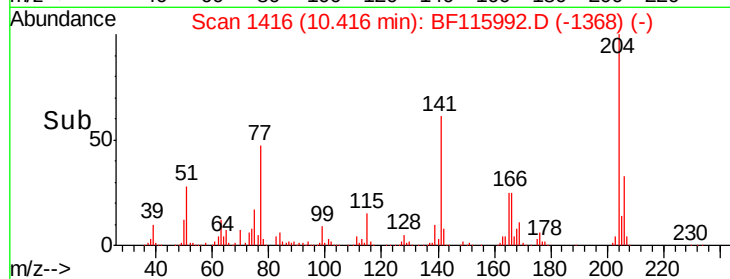
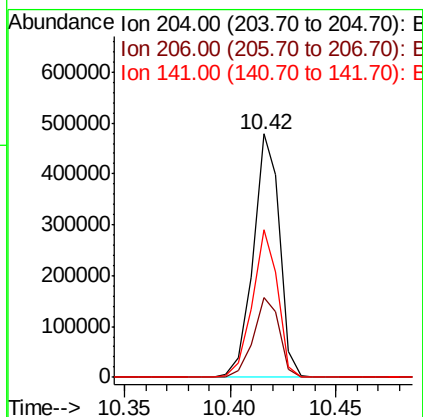
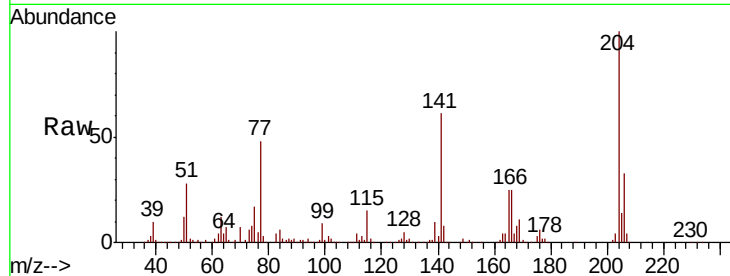




#61
 4-Chlorophenyl-phenylether
 Concen: 47.495 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.02 min
 Lab File: BF115992.D
 Acq: 5 Aug 2019 20:54

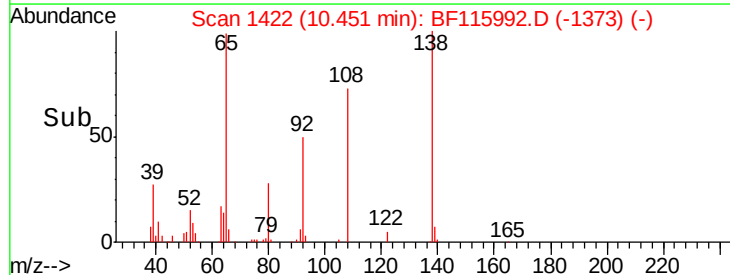
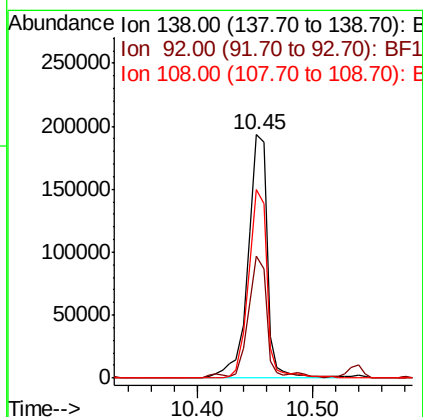
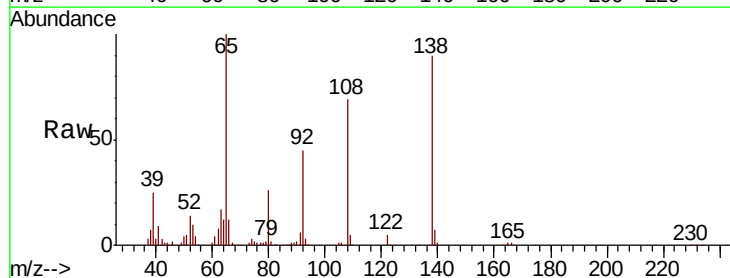
Instrument :
 BNA_F
 ClientSampleId :
 PL-02-080119MS

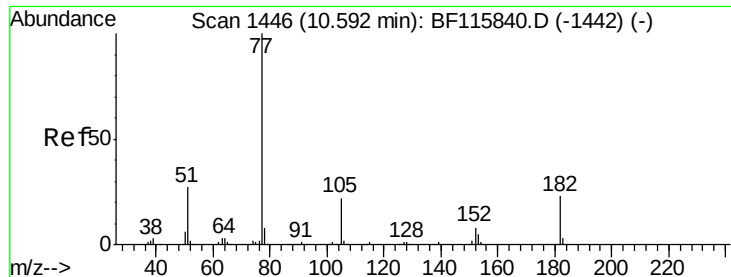
Tgt Ion:204 Resp: 414112
 Ion Ratio Lower Upper
 204 100
 206 32.6 26.4 39.6
 141 60.6 47.0 70.4



#62
 4-Nitroaniline
 Concen: 40.787 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF115992.D
 Acq: 5 Aug 2019 20:54

Tgt Ion:138 Resp: 225482
 Ion Ratio Lower Upper
 138 100
 92 50.1 31.0 71.0
 108 77.4 56.7 96.7





#63

Azobenzene

Concen: 48.153 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

Instrument :

BNA_F

ClientSampleId :

PL-02-080119MS

Tgt Ion: 77 Resp: 921176

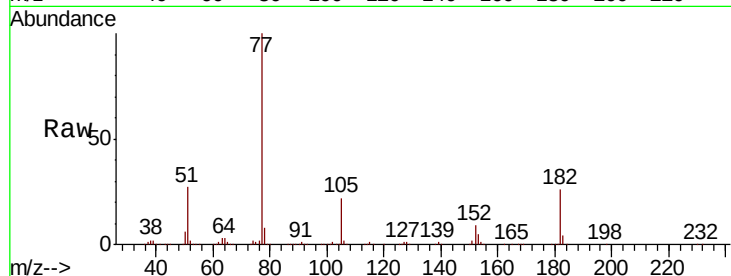
Ion Ratio Lower Upper

77 100

182 26.2 2.6 42.6

105 22.4 1.6 41.6

51 27.0 7.4 47.4

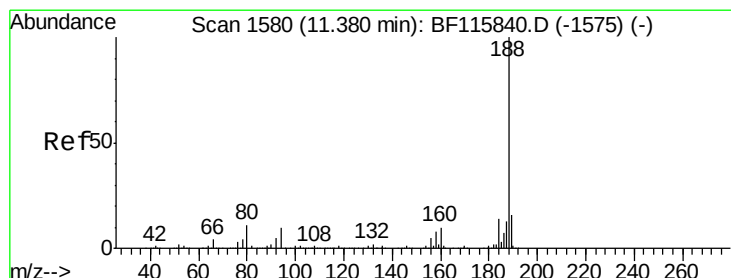
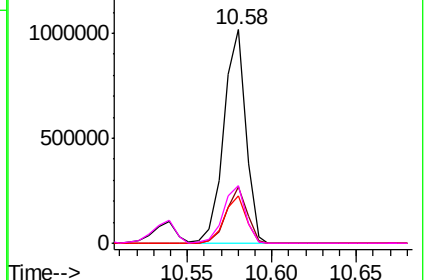
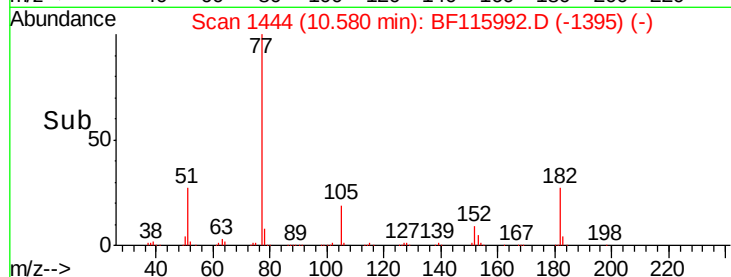


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.36 min Scan# 1577

Delta R.T. -0.02 min

Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

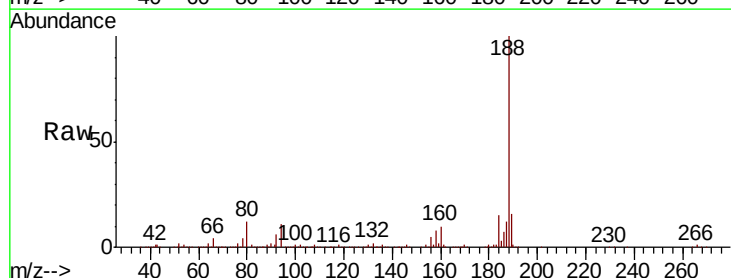
Tgt Ion: 188 Resp: 521580

Ion Ratio Lower Upper

188 100

94 10.8 8.0 12.0

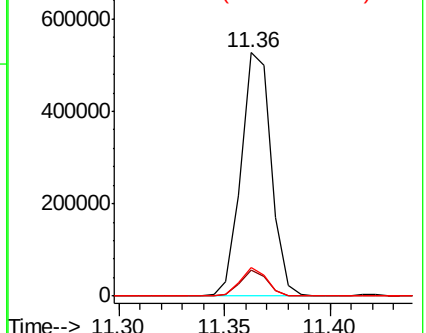
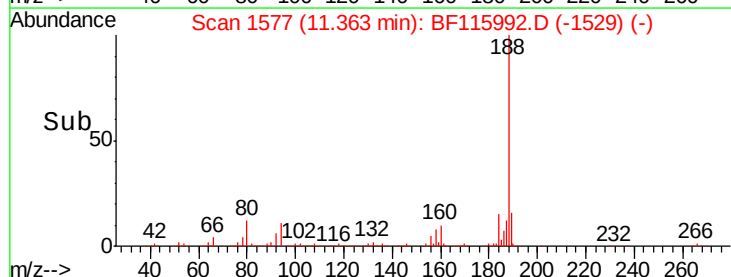
80 11.6 8.6 12.8

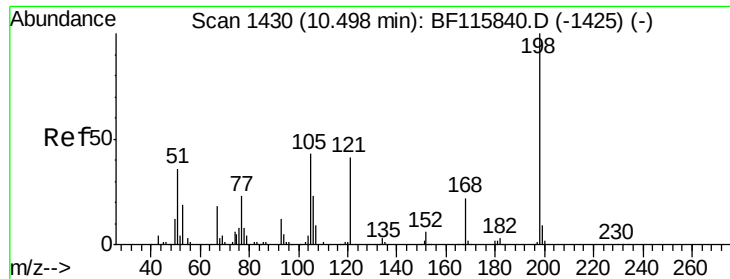


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

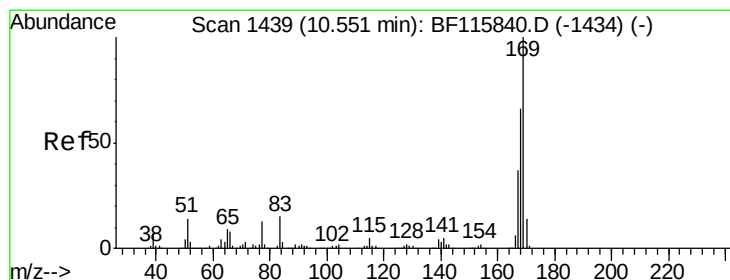
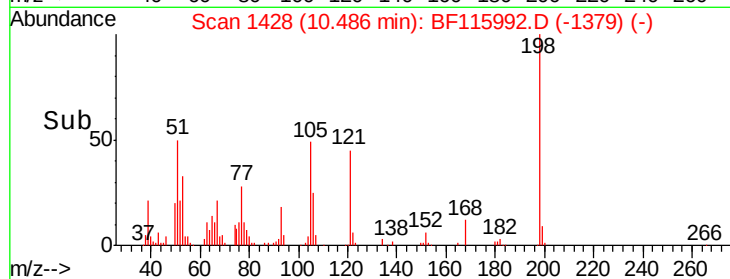
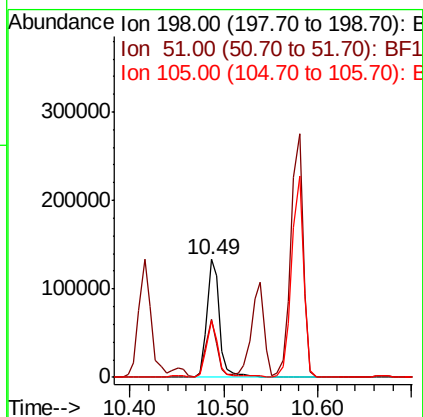
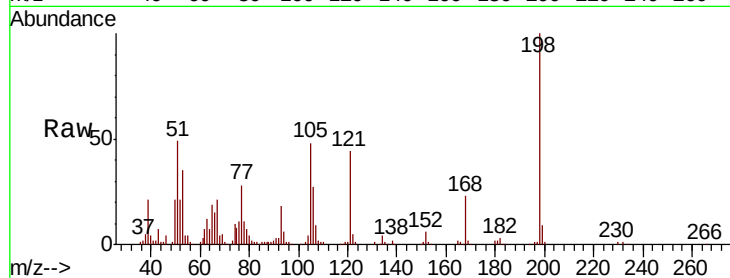




#65
 4,6-Dinitro-2-methylphenol
 Concen: 46.368 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF115992.D
 Acq: 5 Aug 2019 20:54

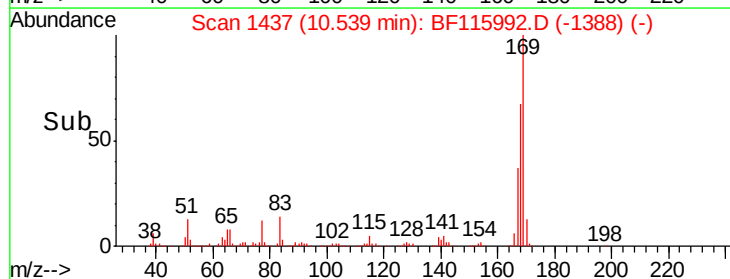
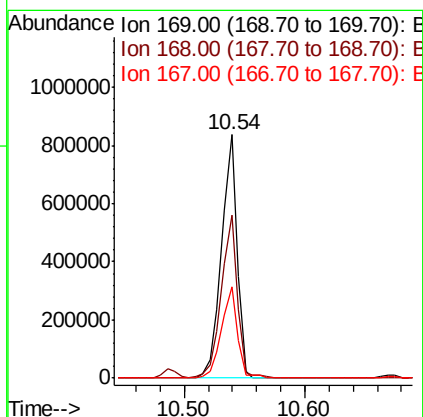
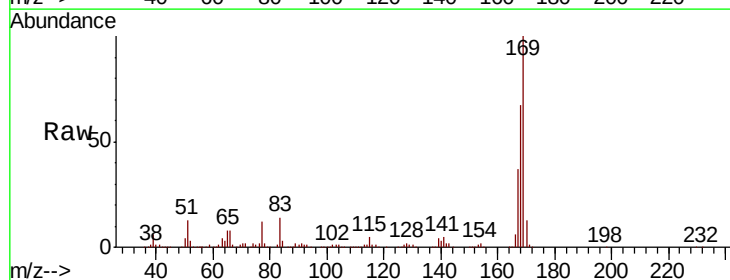
Instrument :
 BNA_F
 ClientSampleId :
 PL-02-080119MS

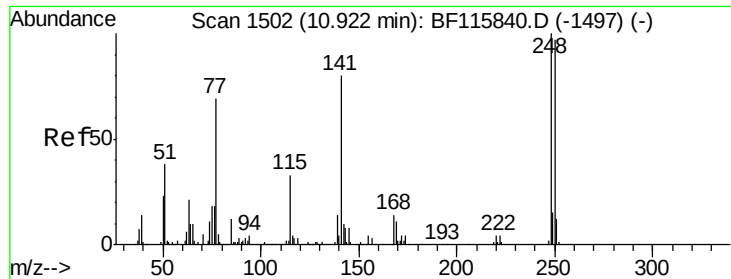
Tgt Ion:198 Resp: 128162
 Ion Ratio Lower Upper
 198 100
 51 49.2 21.1 61.1
 105 47.8 24.5 64.5



#66
 n-Nitrosodiphenylamine
 Concen: 47.507 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF115992.D
 Acq: 5 Aug 2019 20:54

Tgt Ion:169 Resp: 745814
 Ion Ratio Lower Upper
 169 100
 168 67.0 53.0 79.6
 167 37.4 29.9 44.9





#67

4-Bromophenyl-phenylether

Concen: 46.375 ng

RT: 10.91 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

Instrument :

BNA_F

ClientSampleId :

PL-02-080119MS

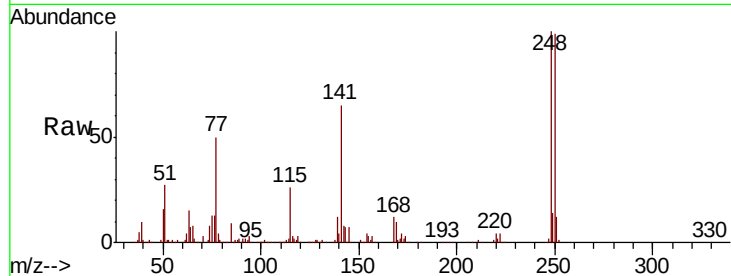
Tgt Ion:248 Resp: 258934

Ion Ratio Lower Upper

248 100

250 98.6 77.8 116.6

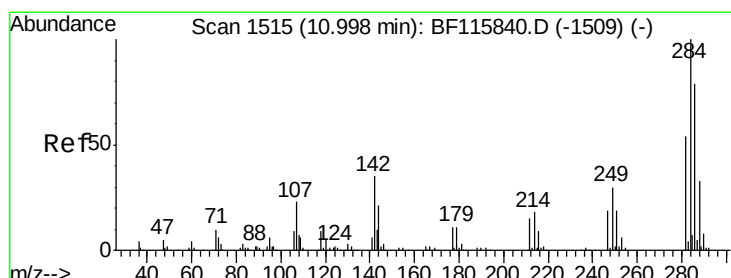
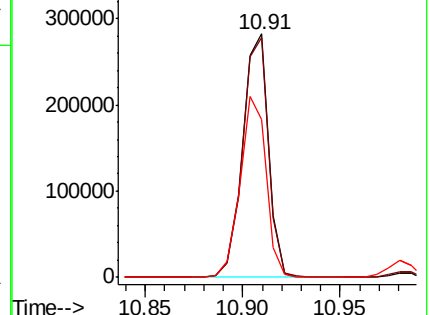
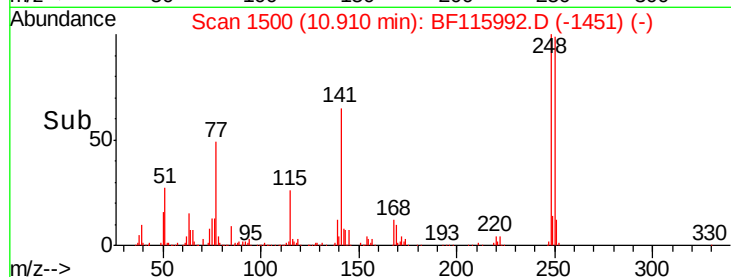
141 64.9 64.3 96.5



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: 45.005 ng

RT: 10.98 min Scan# 1512

Delta R.T. -0.02 min

Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

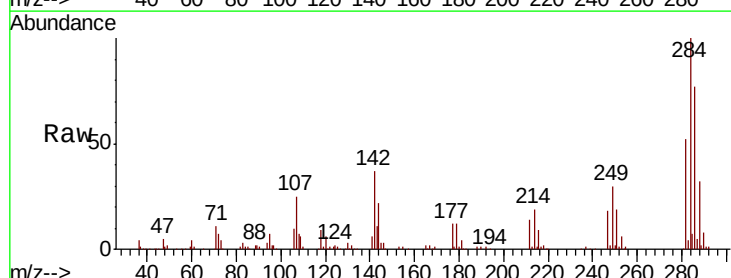
Tgt Ion:284 Resp: 290572

Ion Ratio Lower Upper

284 100

142 37.2 28.2 42.2

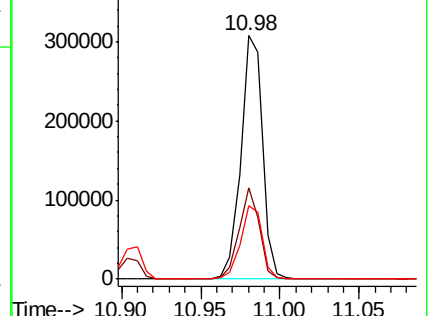
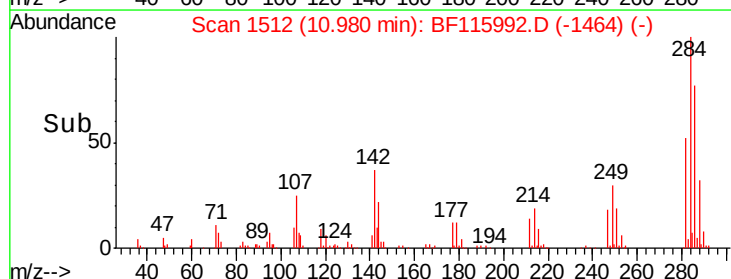
249 30.2 24.0 36.0

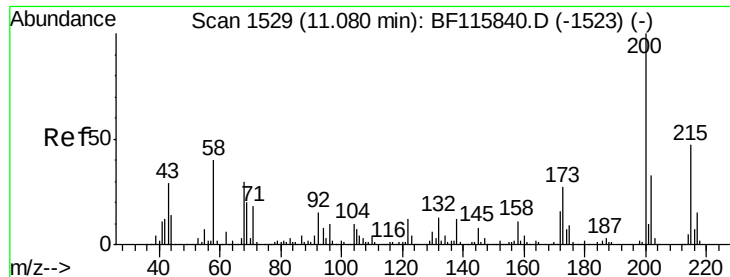


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

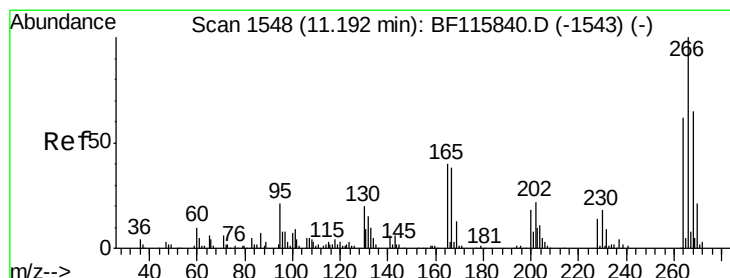
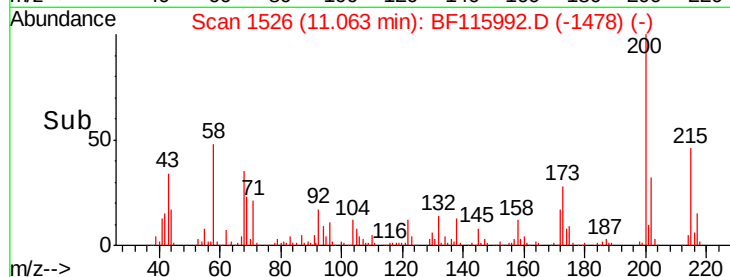
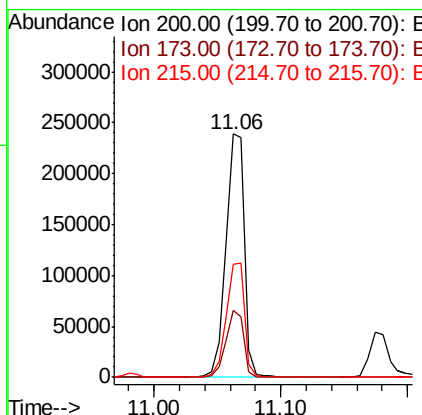
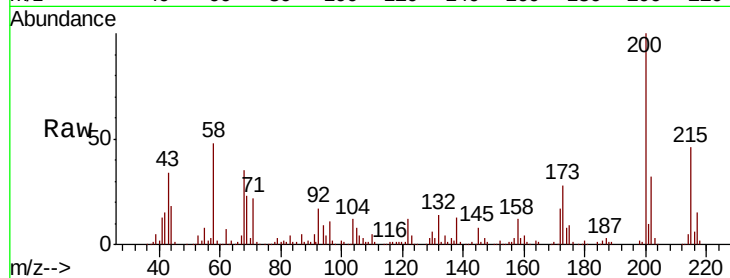




#69
 Atrazine
 Concen: 46.134 ng
 RT: 11.06 min Scan# 1526
 Delta R.T. -0.02 min
 Lab File: BF115992.D
 Acq: 5 Aug 2019 20:54

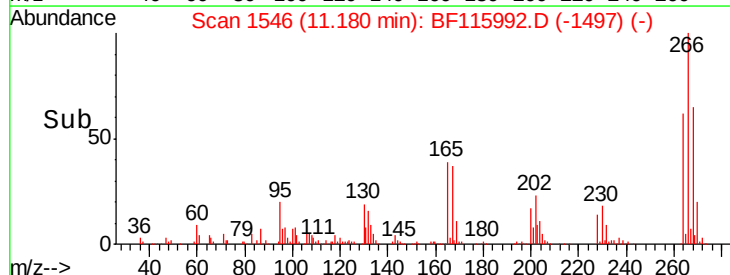
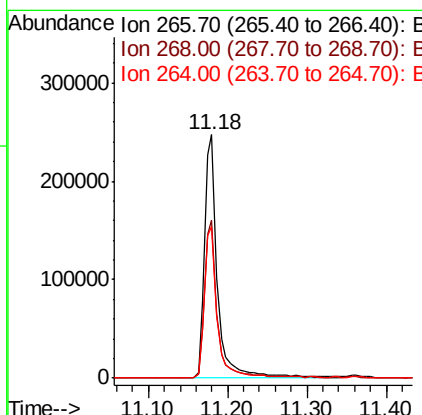
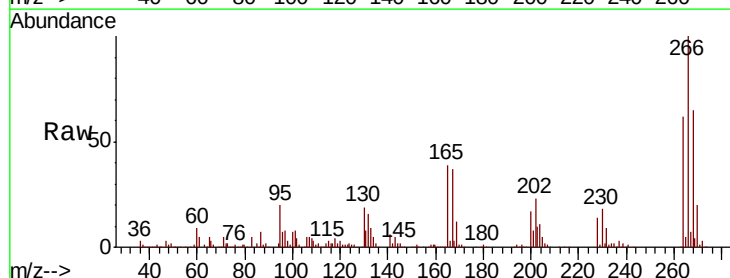
Instrument :
 BNA_F
 ClientSampleId :
 PL-02-080119MS

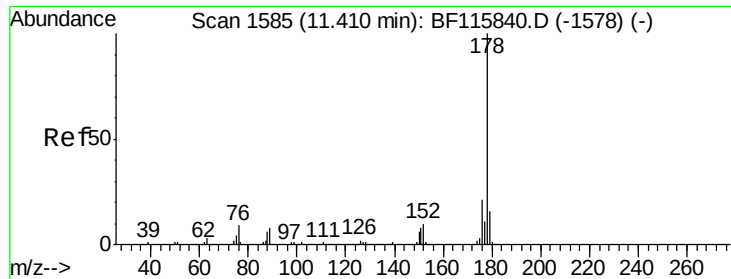
Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.6	7.3	47.3
215	46.5	26.9	66.9



#70
 Pentachlorophenol
 Concen: 91.858 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. -0.01 min
 Lab File: BF115992.D
 Acq: 5 Aug 2019 20:54

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.8	51.6	77.4
264	62.1	49.4	74.0

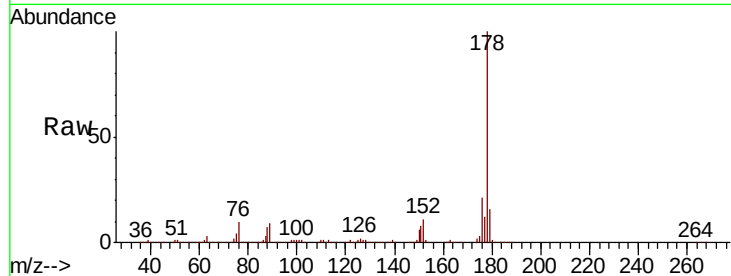




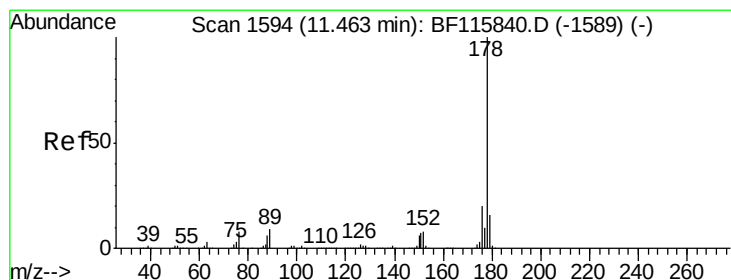
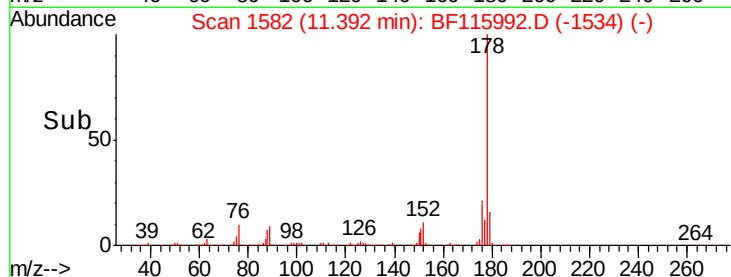
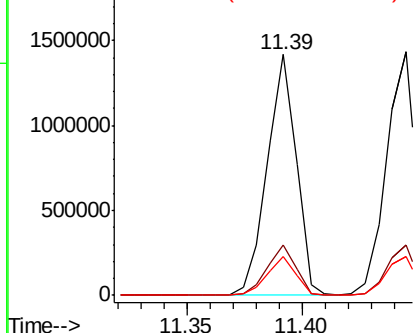
#71
Phenanthrene
Concen: 46.665 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.02 min
Lab File: BF115992.D
Acq: 5 Aug 2019 20:54

Instrument :
BNA_F
ClientSampleId :
PL-02-080119MS

Tgt Ion:178 Resp: 1244279
Ion Ratio Lower Upper
178 100
176 21.0 16.5 24.7
179 16.2 12.6 18.8

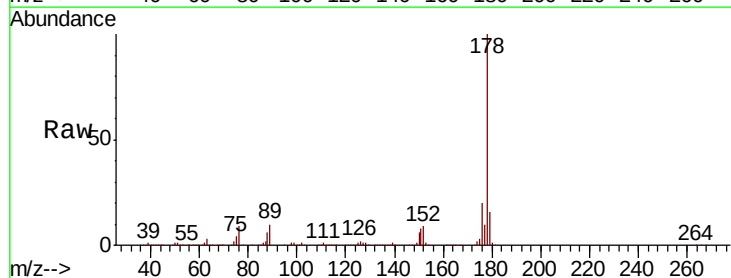


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

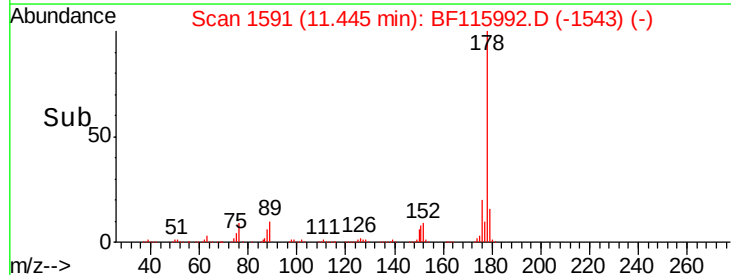
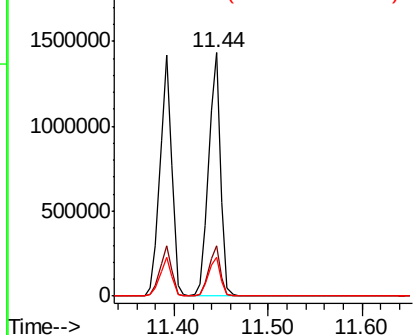


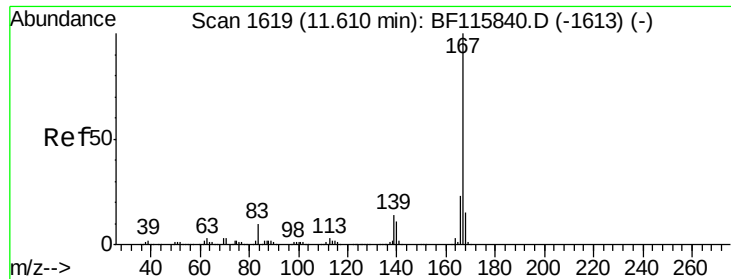
#72
Anthracene
Concen: 47.809 ng
RT: 11.44 min Scan# 1591
Delta R.T. -0.02 min
Lab File: BF115992.D
Acq: 5 Aug 2019 20:54

Tgt Ion:178 Resp: 1290152
Ion Ratio Lower Upper
178 100
176 20.4 15.7 23.5
179 16.0 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

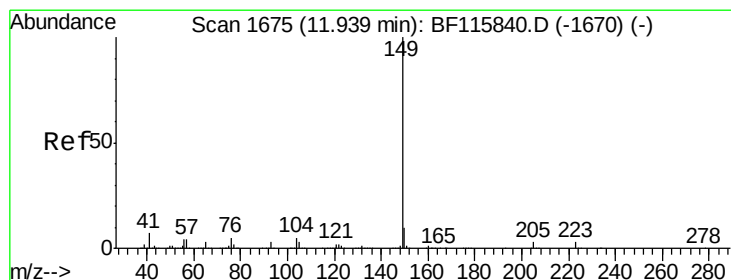
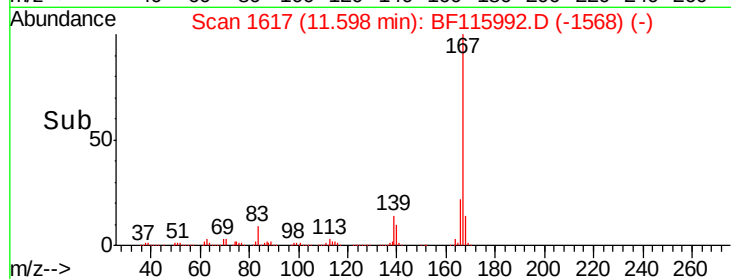
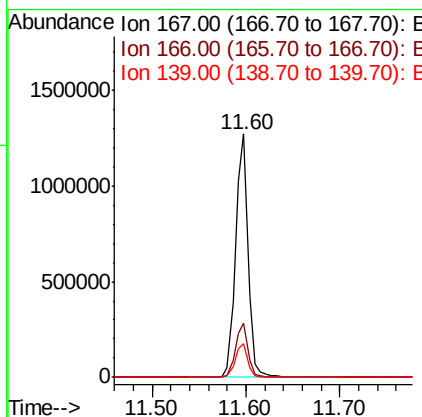
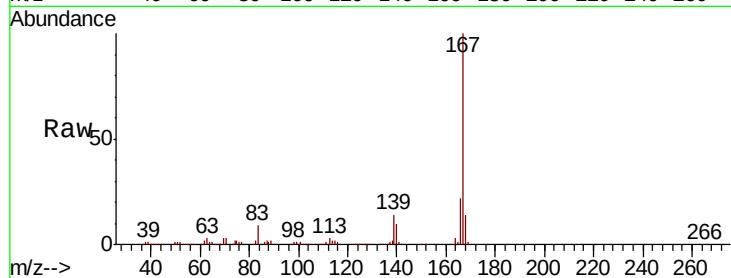




#73
 Carbazole
 Concen: 47.906 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF115992.D
 Acq: 5 Aug 2019 20:54

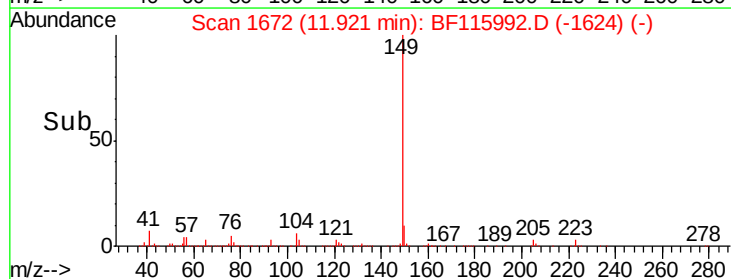
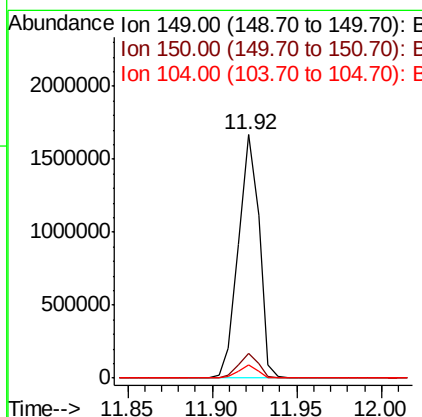
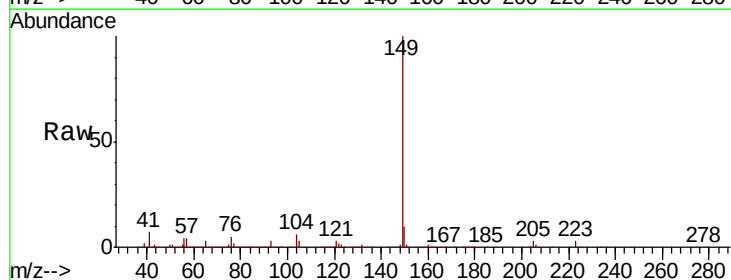
Instrument :
 BNA_F
 ClientSampleId :
 PL-02-080119MS

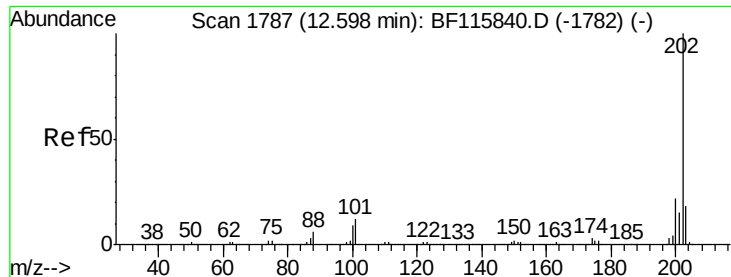
Tgt Ion:167 Resp: 1172846
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.0 27.0
 139 13.8 11.4 17.2



#74
 Di-n-butylphthalate
 Concen: 49.872 ng
 RT: 11.92 min Scan# 1672
 Delta R.T. -0.02 min
 Lab File: BF115992.D
 Acq: 5 Aug 2019 20:54

Tgt Ion:149 Resp: 1424351
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.7 11.5
 104 5.6 4.3 6.5





#75

Fluoranthene

Concen: 48.426 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.02 min

Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

Instrument :

BNA_F

ClientSampleId :

PL-02-080119MS

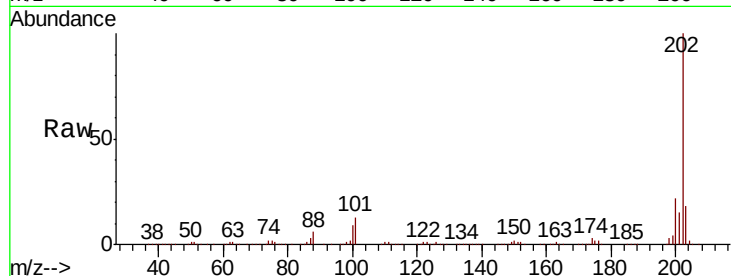
Tgt Ion:202 Resp: 1351819

Ion Ratio Lower Upper

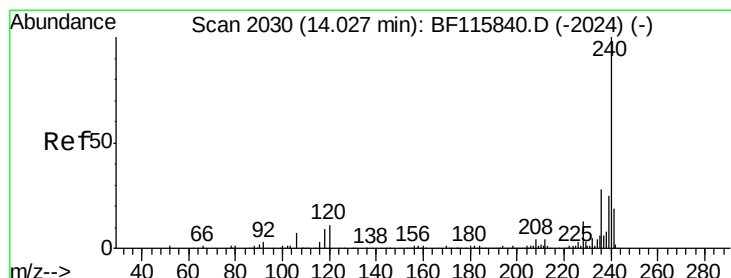
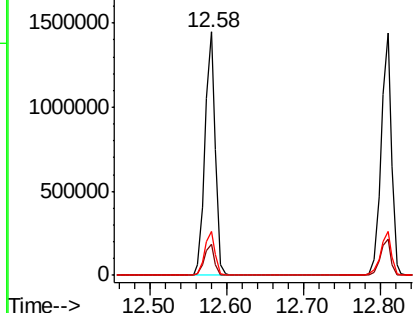
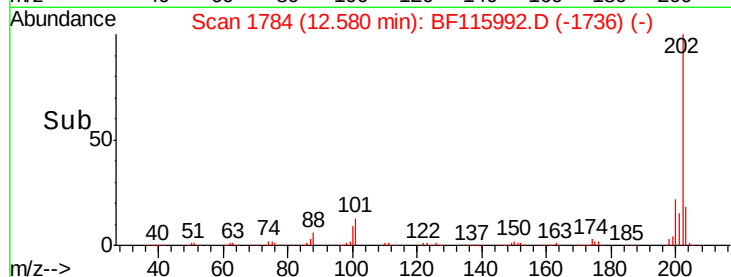
202 100

101 12.6 0.0 31.5

203 18.1 0.0 37.9



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: 14.01 min Scan# 2027

Delta R.T. -0.02 min

Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

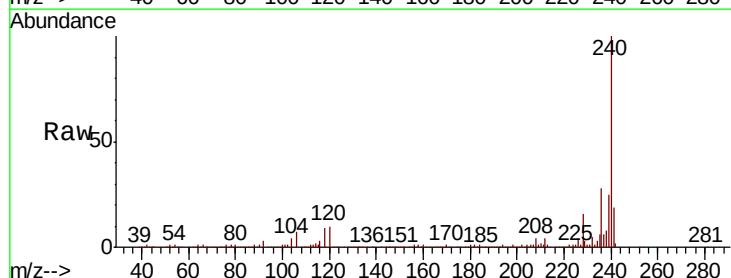
Tgt Ion:240 Resp: 375314

Ion Ratio Lower Upper

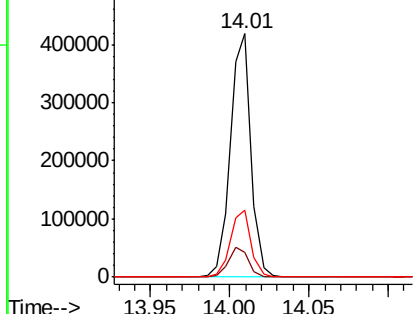
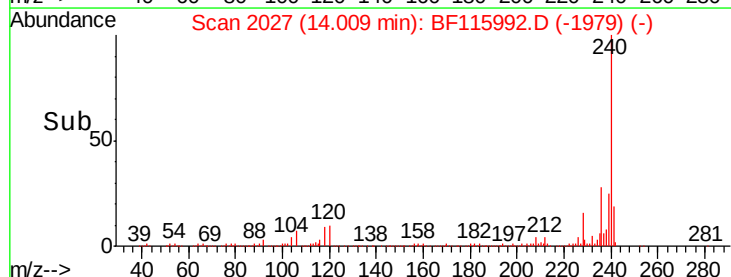
240 100

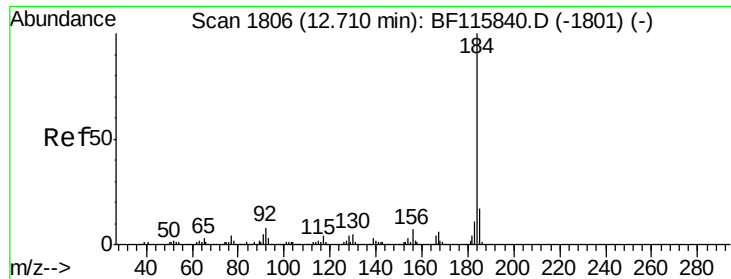
120 10.0 8.5 12.7

236 27.5 22.2 33.2



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: 5.139 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

Instrument :

BNA_F

ClientSampleId :

PL-02-080119MS

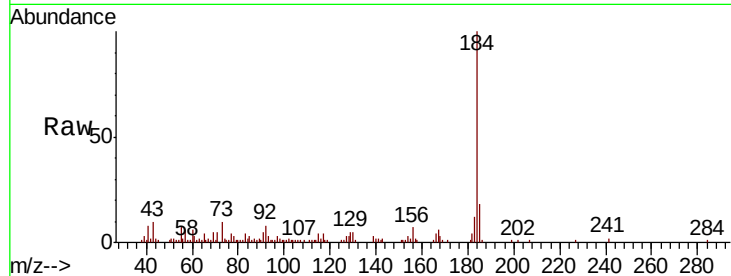
Tgt Ion:184 Resp: 65161

Ion Ratio Lower Upper

184 100

185 17.7 13.4 20.2

183 11.7 9.1 13.7

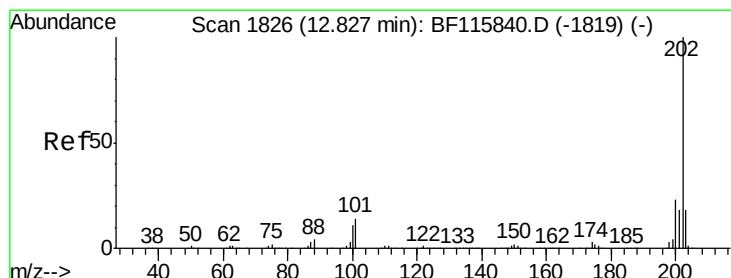
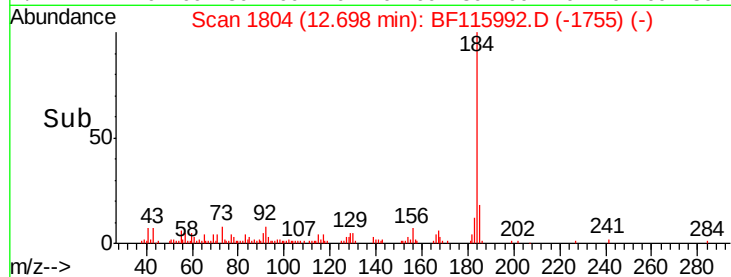
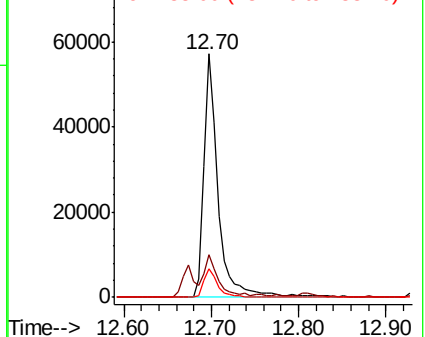


Abundance

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: 47.864 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.02 min

Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

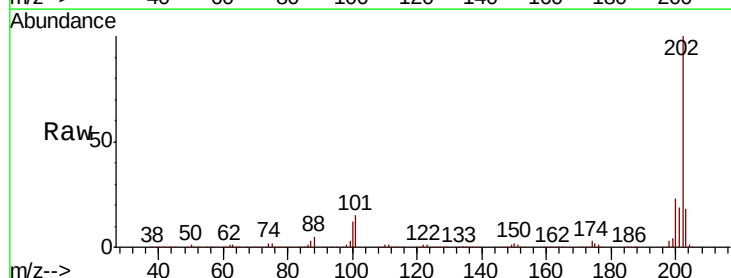
Tgt Ion:202 Resp: 1354149

Ion Ratio Lower Upper

202 100

200 23.1 18.2 27.2

203 18.4 14.3 21.5

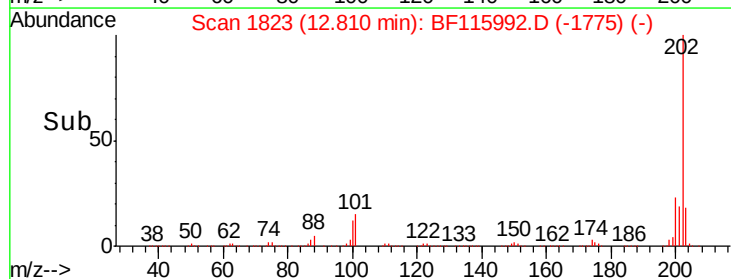
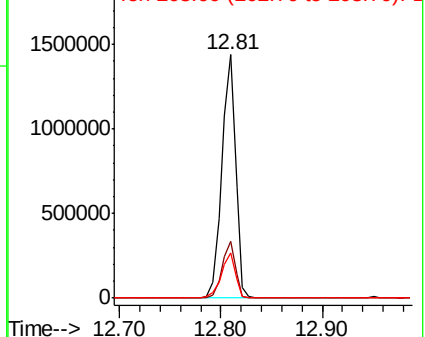


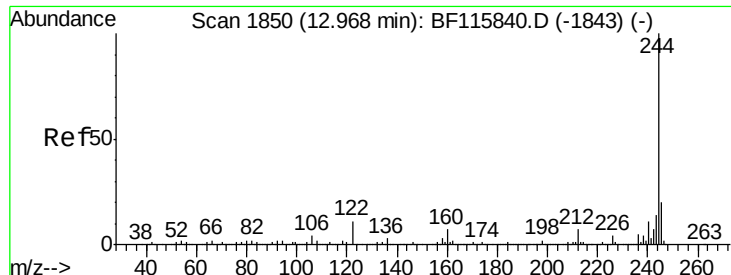
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 109.110 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.02 min

Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

Instrument :

BNA_F

ClientSampleId :

PL-02-080119MS

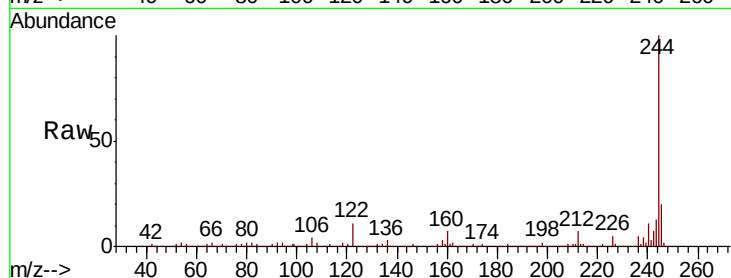
Tgt Ion:244 Resp: 1943395

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

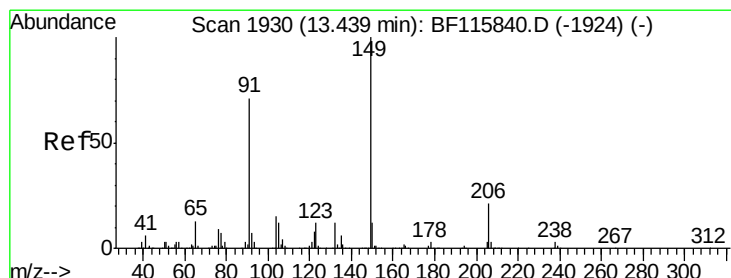
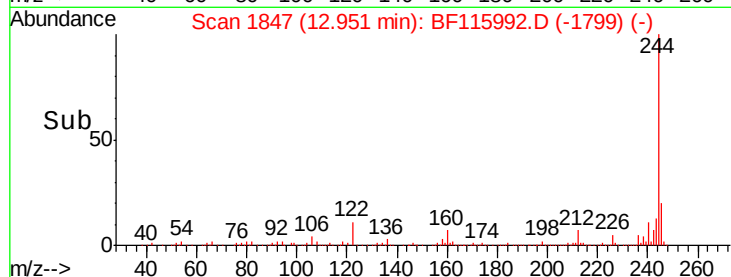
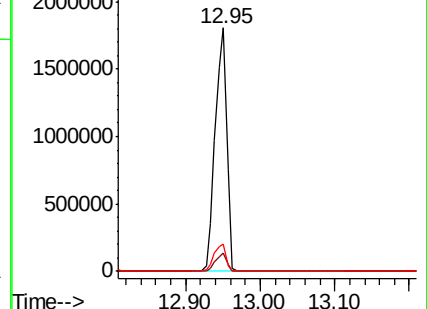
122 11.1 8.6 13.0



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: 52.627 ng

RT: 13.42 min Scan# 1926

Delta R.T. -0.02 min

Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

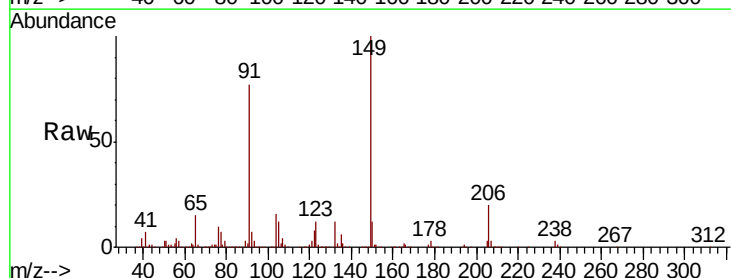
Tgt Ion:149 Resp: 629812

Ion Ratio Lower Upper

149 100

91 77.0 57.0 85.6

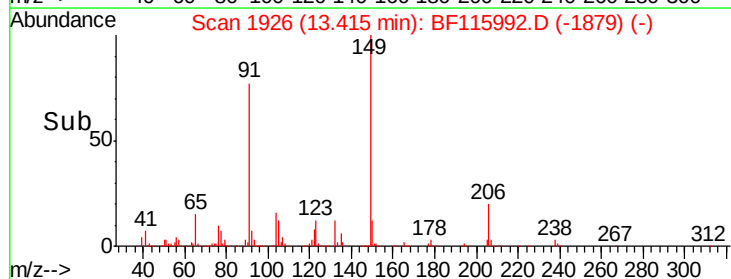
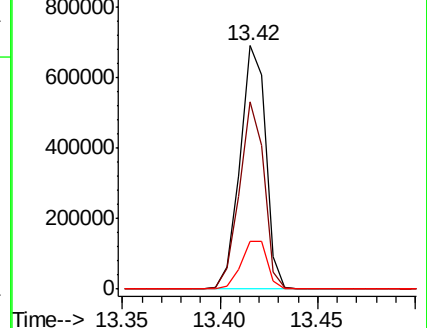
206 19.6 16.9 25.3

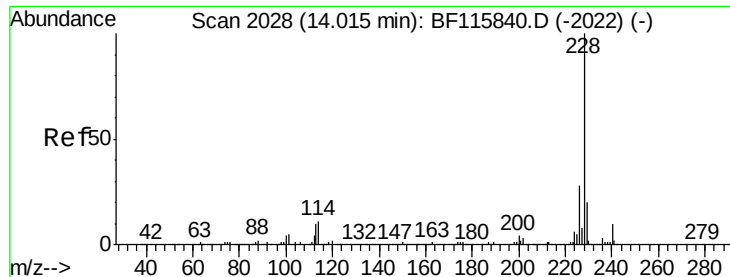


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 47.219 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.02 min

Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

Instrument :

BNA_F

ClientSampleId :

PL-02-080119MS

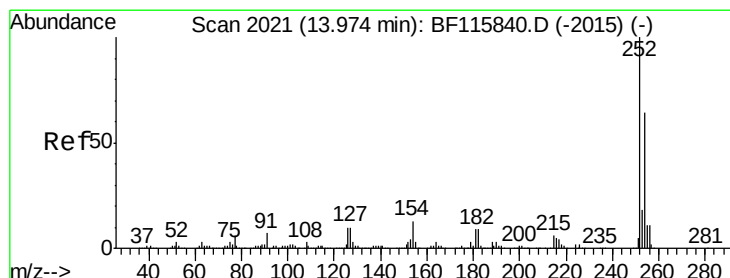
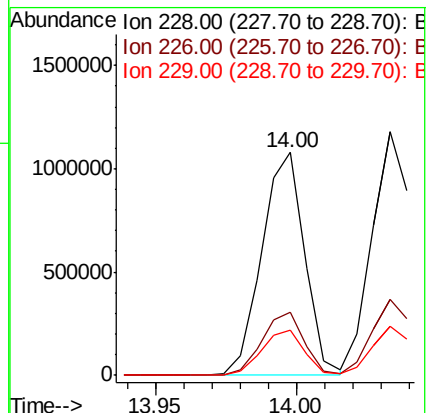
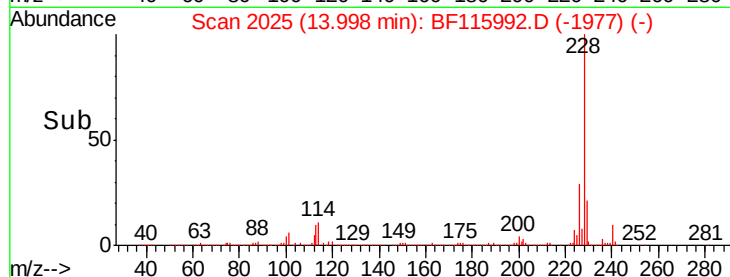
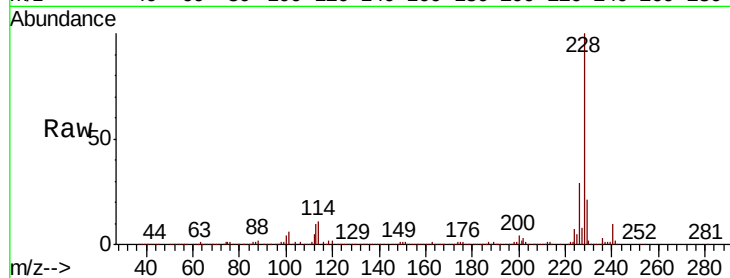
Tgt Ion:228 Resp: 1132726

Ion Ratio Lower Upper

228 100

226 28.5 22.5 33.7

229 20.5 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 19.843 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.02 min

Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

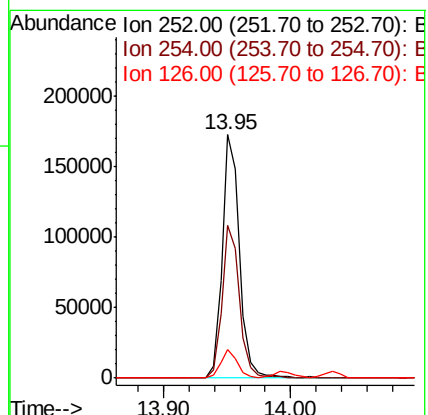
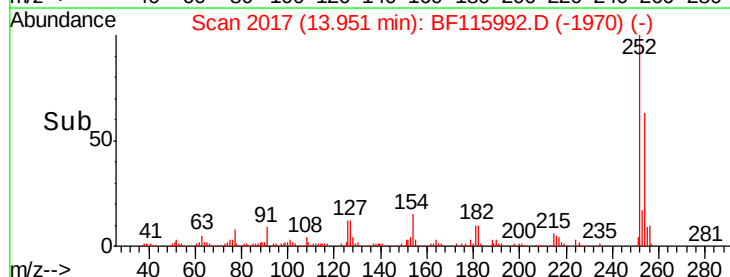
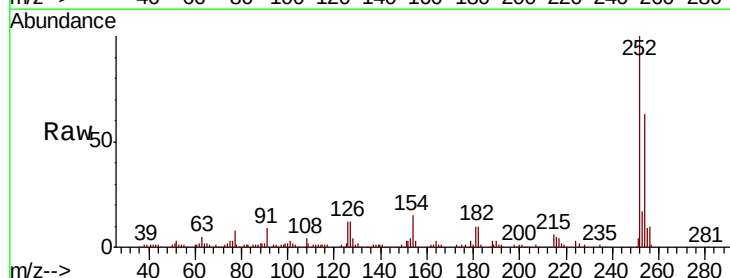
Tgt Ion:252 Resp: 165375

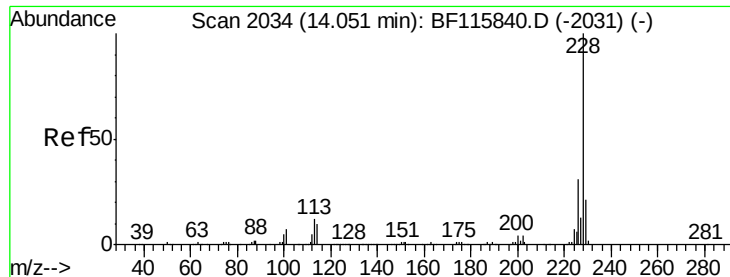
Ion Ratio Lower Upper

252 100

254 62.5 51.2 76.8

126 11.9 8.1 12.1





#83

Chrysene

Concen: 47.834 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.02 min

Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

Instrument :

BNA_F

ClientSampleId :

PL-02-080119MS

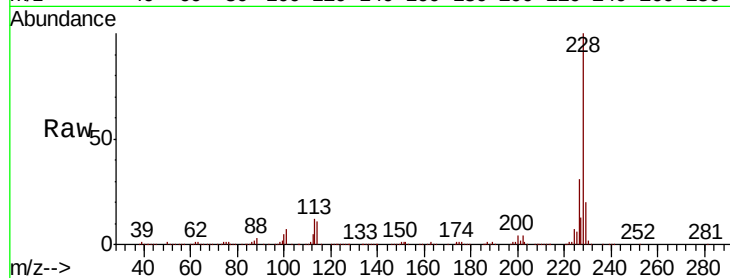
Tgt Ion:228 Resp: 1114016

Ion Ratio Lower Upper

228 100

226 31.3 24.8 37.2

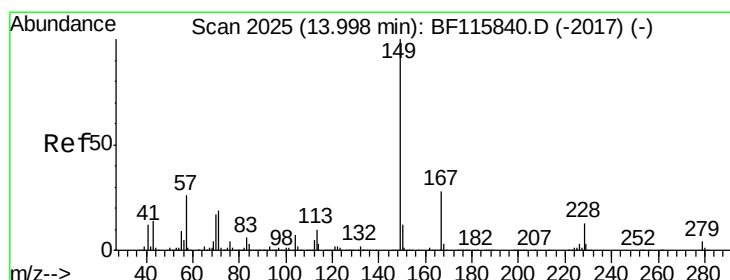
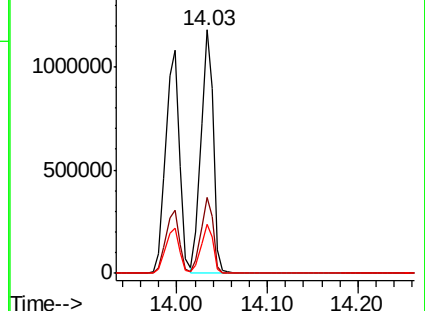
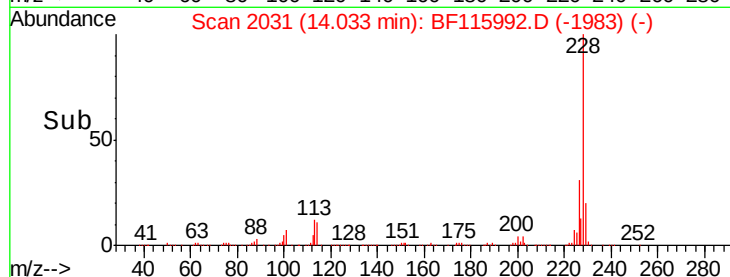
229 20.3 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.553 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.02 min

Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

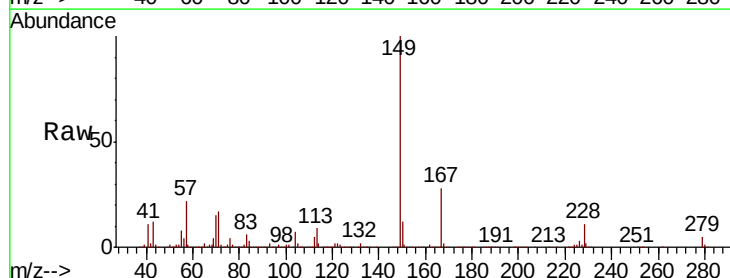
Tgt Ion:149 Resp: 879492

Ion Ratio Lower Upper

149 100

167 28.0 22.4 33.6

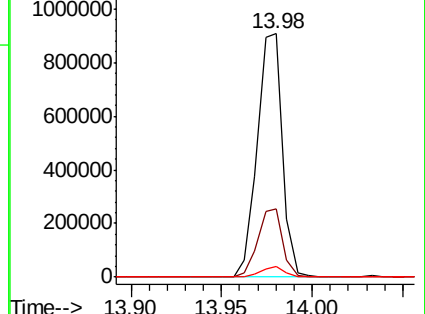
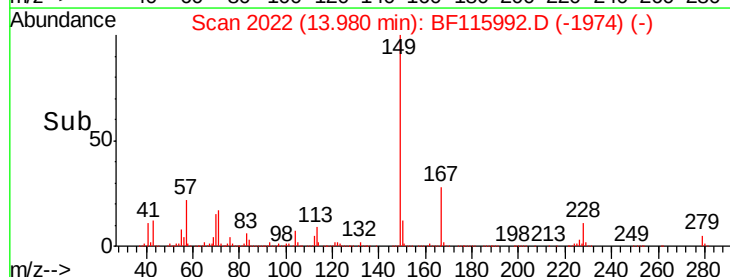
279 4.6 3.3 4.9

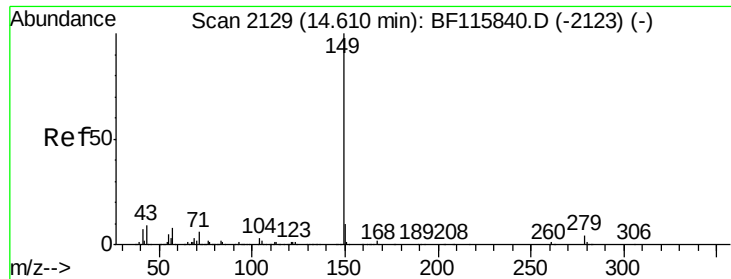


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 56.024 ng

RT: 14.59 min Scan# 2125

Delta R.T. -0.02 min

Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

Instrument :

BNA_F

ClientSampleId :

PL-02-080119MS

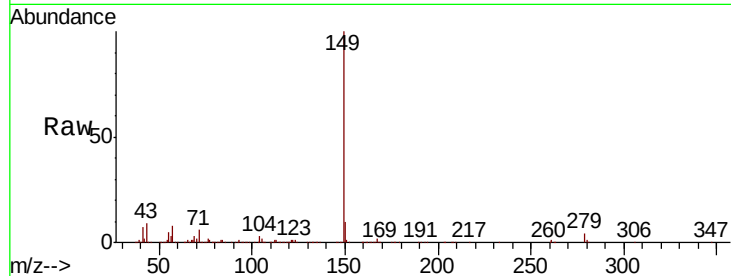
Tgt Ion:149 Resp: 1383886

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

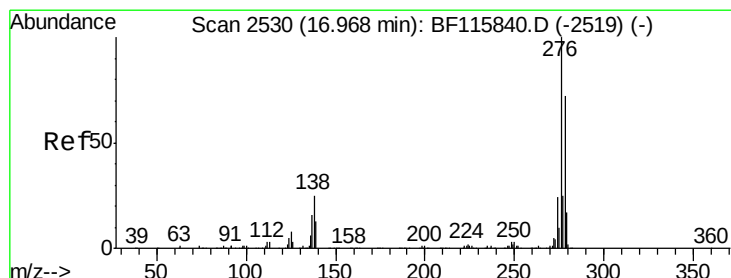
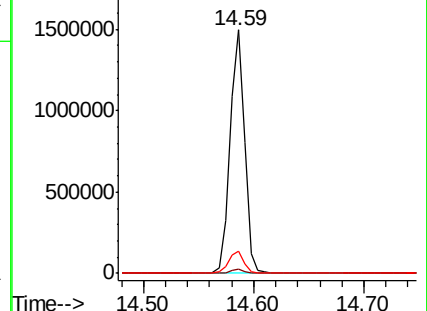
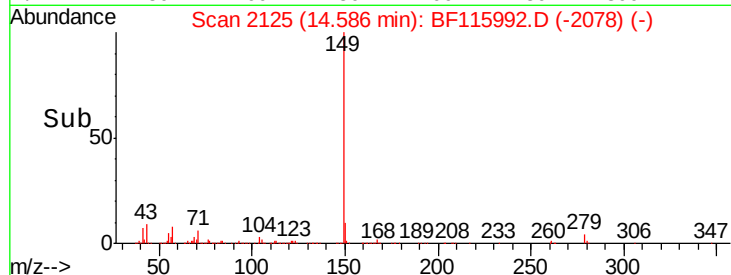
43 9.2 7.4 11.0



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: 52.760 ng

RT: 16.94 min Scan# 2525

Delta R.T. -0.03 min

Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

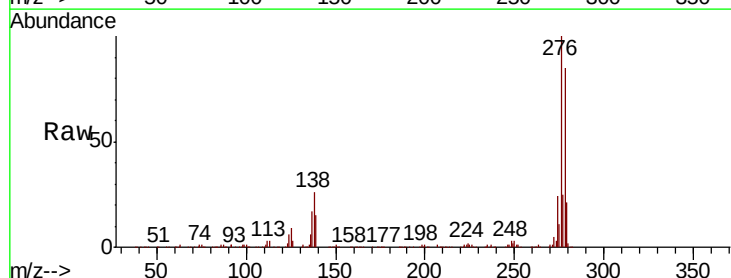
Tgt Ion:276 Resp: 1032014

Ion Ratio Lower Upper

276 100

138 25.4 19.6 29.4

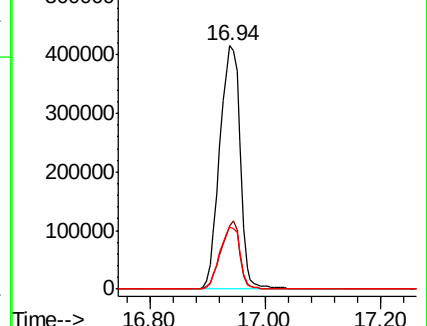
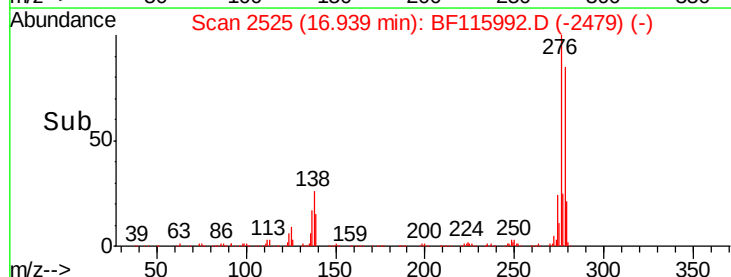
277 25.4 20.1 30.1

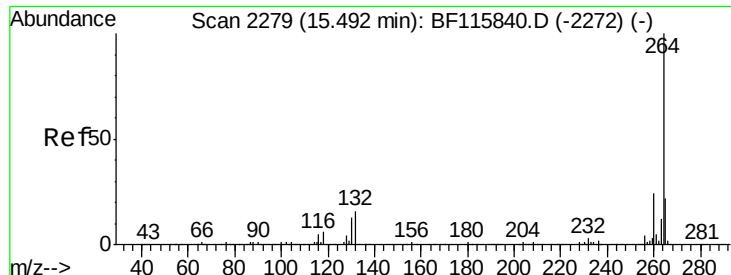


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



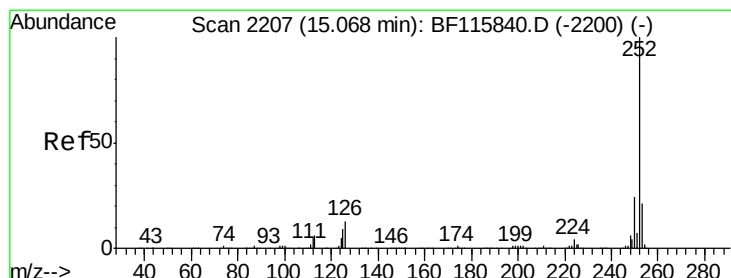
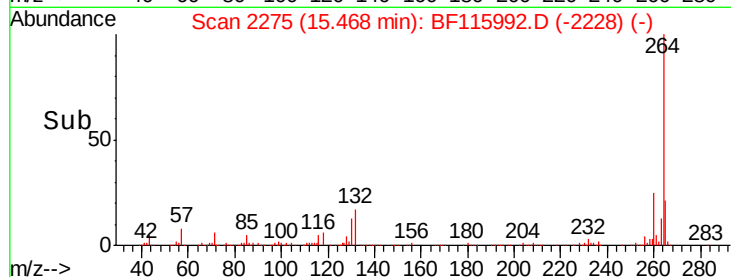
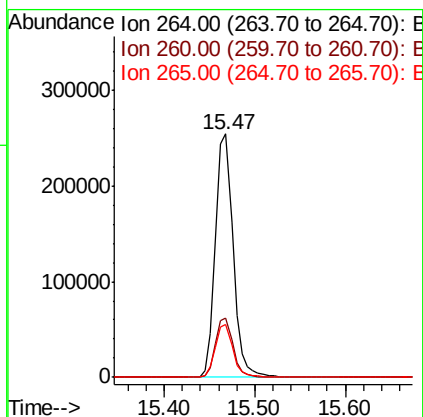
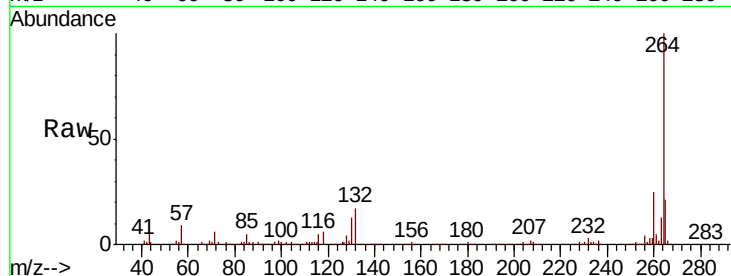


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.02 min
Lab File: BF115992.D
Acq: 5 Aug 2019 20:54

Instrument :
BNA_F
ClientSampleId :
PL-02-080119MS

Tgt Ion: 264 Resp: 345964

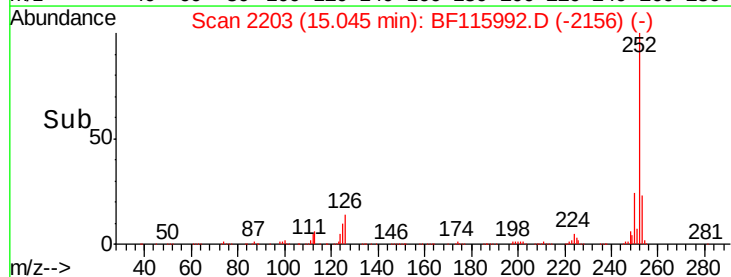
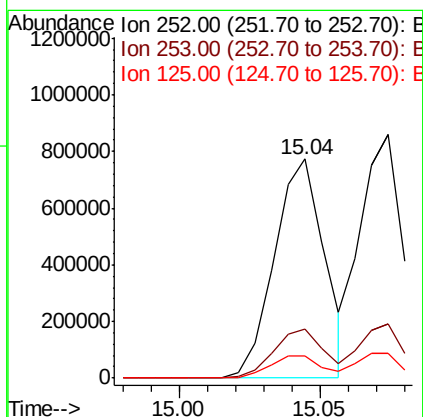
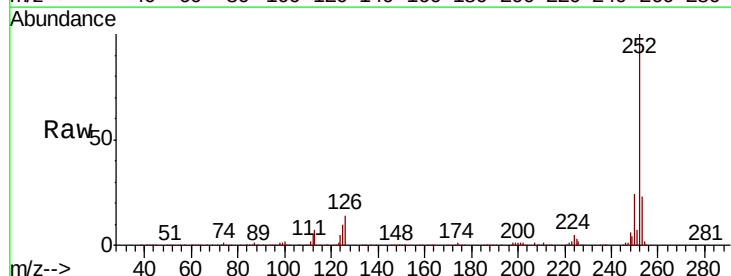
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	21.5	17.5	26.3

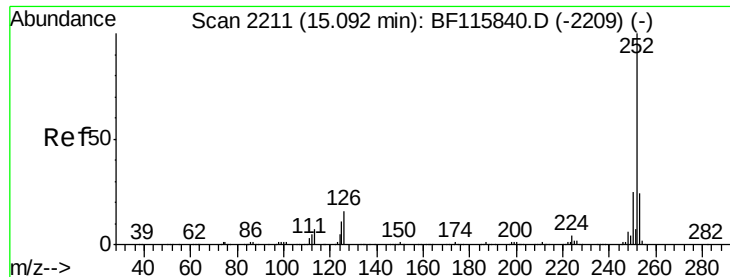


#88
Benzo(b)fluoranthene
Concen: 47.526 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.02 min
Lab File: BF115992.D
Acq: 5 Aug 2019 20:54

Tgt Ion: 252 Resp: 950711

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	10.1	7.4	11.0

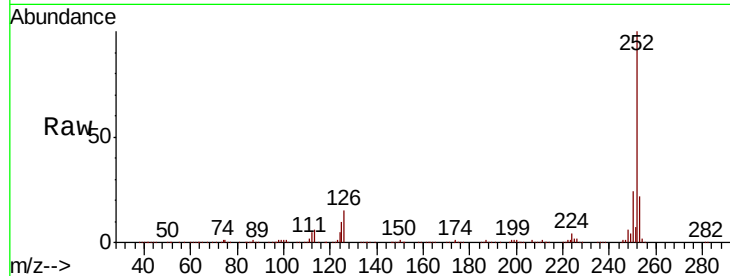




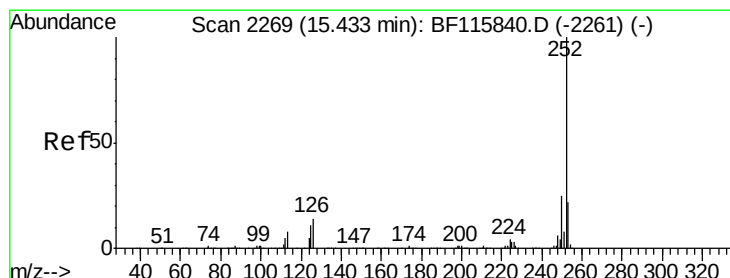
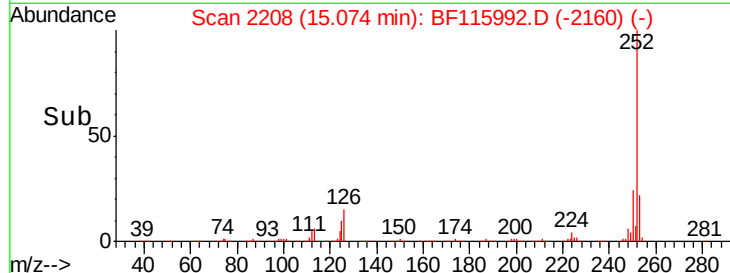
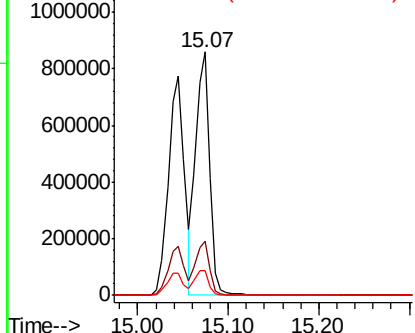
#89
Benzo(k)fluoranthene
Concen: 46.811 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BF115992.D
Acq: 5 Aug 2019 20:54

Instrument :
BNA_F
ClientSampleId :
PL-02-080119MS

Tgt Ion:252 Resp: 912076
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.4
125 10.1 8.9 13.3

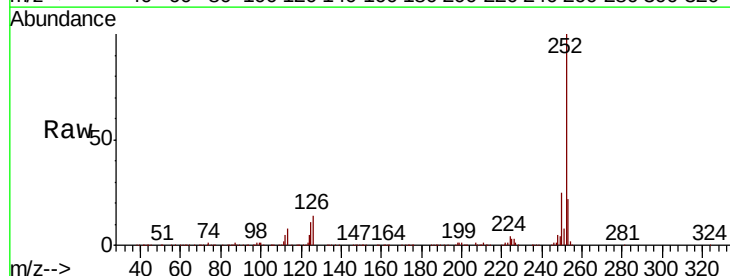


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

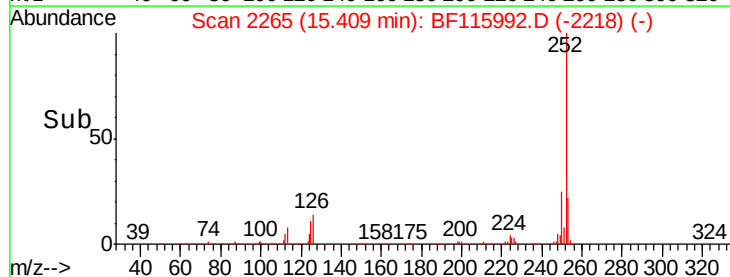
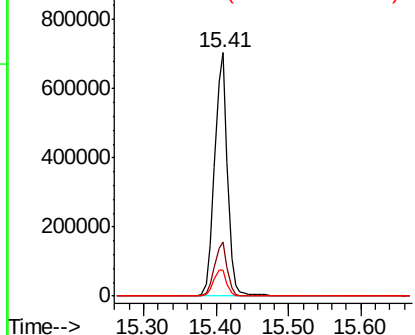


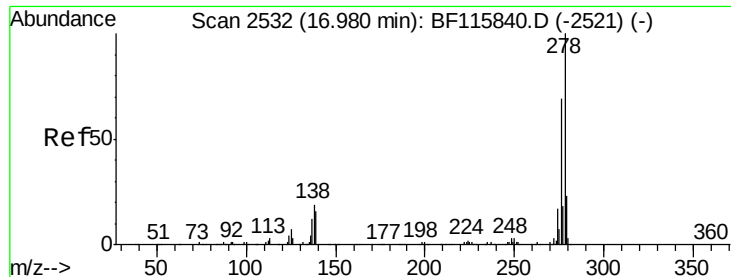
#90
Benzo(a)pyrene
Concen: 48.740 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.02 min
Lab File: BF115992.D
Acq: 5 Aug 2019 20:54

Tgt Ion:252 Resp: 871577
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 10.9 8.8 13.2



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





#91

Dibenzo(a,h)anthracene

Concen: 55.254 ng

RT: 16.95 min Scan# 2527

Delta R.T. -0.03 min

Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

Instrument :

BNA_F

ClientSampleId :

PL-02-080119MS

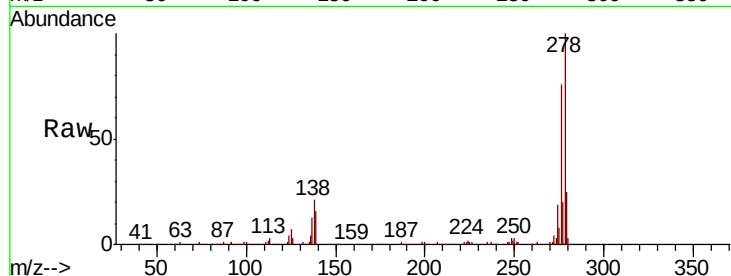
Tgt Ion:278 Resp: 855267

Ion Ratio Lower Upper

278 100

139 16.1 12.6 19.0

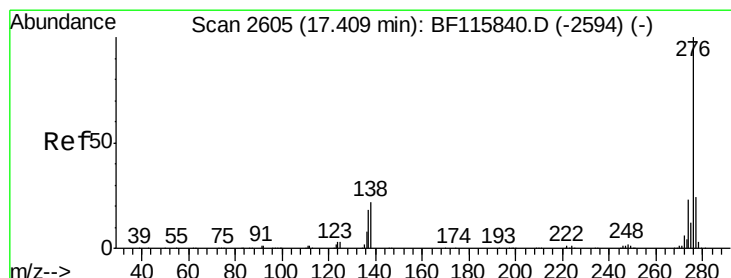
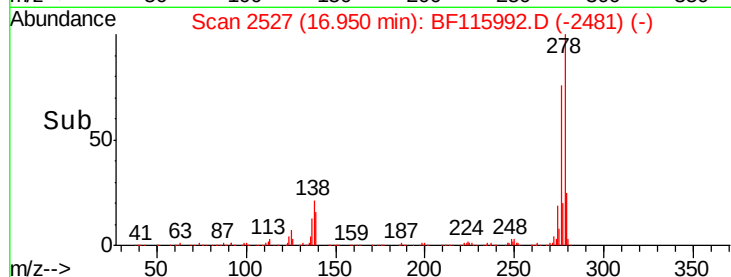
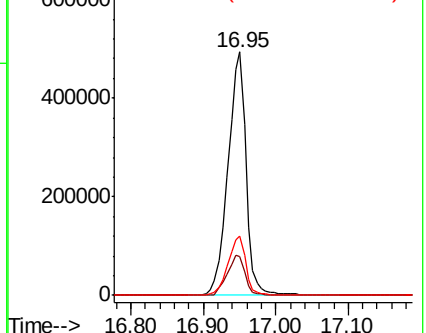
279 24.5 18.8 28.2



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: 58.381 ng

RT: 17.38 min Scan# 2600

Delta R.T. -0.03 min

Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

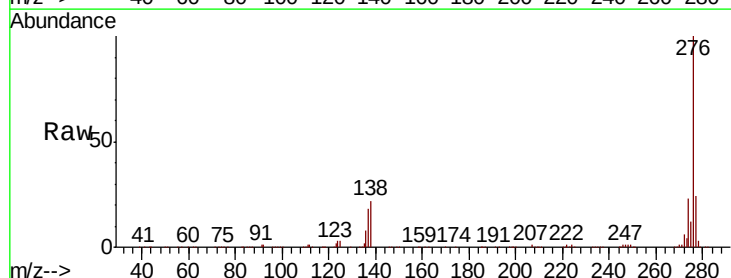
Tgt Ion:276 Resp: 887493

Ion Ratio Lower Upper

276 100

277 24.2 19.5 29.3

138 22.4 17.8 26.8



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

