

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
 Data File : BF115316.D
 Acq On : 29 Jun 2019 12:11
 Operator : HP/JU
 Sample : K3555-22MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-14MSD

Quant Time: Jun 30 01:43:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 05:26:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	175634	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	687689	20.00	ng	0.00
39) Acenaphthene-d10	9.62	164	347531	20.00	ng	0.00
64) Phenanthrene-d10	11.10	188	704655	20.00	ng	0.00
76) Chrysene-d12	13.72	240	564820	20.00	ng	0.00
87) Perylene-d12	15.08	264	698461	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.20	112	1188094	104.39	ng	0.00
7) Phenol-d6	6.24	99	1542509	111.66	ng	0.00
23) Nitrobenzene-d5	7.16	82	900430	80.55	ng	0.00
42) 2,4,6-Tribromophenol	10.41	330	459395	125.35	ng	0.00
45) 2-Fluorobiphenyl	8.96	172	1693591	82.78	ng	0.00
79) Terphenyl-d14	12.68	244	2055807	77.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.15	88	152535	28.398	ng	98
3) Pyridine	2.81	79	290318	19.176	ng	99
4) n-Nitrosodimethylamine	2.74	42	181590	30.596	ng	96
6) Aniline	6.25	93	376287	19.819	ng	# 1
8) 2-Chlorophenol	6.38	128	457753	35.768	ng	98
9) Benzaldehyde	6.14	77	274869	30.499	ng	99
10) Phenol	6.25	94	549653	33.968	ng	96
11) bis(2-Chloroethyl)ether	6.34	93	410230	34.392	ng	98
12) 1,3-Dichlorobenzene	6.54	146	477566	33.624	ng	98
13) 1,4-Dichlorobenzene	6.62	146	489710	34.384	ng	99
14) 1,2-Dichlorobenzene	6.77	146	462475	35.064	ng	98
15) Benzyl Alcohol	6.74	79	351035	34.897	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.88	45	572145	33.072	ng	98
17) 2-Methylphenol	6.87	107	377267	35.714	ng	100
18) Hexachloroethane	7.11	117	166964	32.517	ng	99
19) n-Nitroso-di-n-propylamine	7.02	70	287762	32.537	ng	98
20) 3+4-Methylphenols	7.02	107	451619	37.025	ng	# 78
22) Acetophenone	7.01	105	604217	38.379	ng	95
24) Nitrobenzene	7.18	77	449163	36.470	ng	99
25) Isophorone	7.42	82	815121	35.593	ng	99
26) 2-Nitrophenol	7.50	139	251469	41.346	ng	97
27) 2,4-Dimethylphenol	7.54	122	403162	40.485	ng	99
28) bis(2-Chloroethoxy)methane	7.64	93	521019	35.996	ng	99
29) 2,4-Dichlorophenol	7.74	162	394219	38.360	ng	99
30) 1,2,4-Trichlorobenzene	7.82	180	414245	36.493	ng	99
31) Naphthalene	7.90	128	1278738	37.881	ng	99
32) Benzoic acid	7.62	122	64882	9.128	ng	98
33) 4-Chloroaniline	7.95	127	270027	17.503	ng	99
34) Hexachlorobutadiene	8.03	225	220542	35.453	ng	100
35) Caprolactam	8.31	113	89678	25.955	ng	96
36) 4-Chloro-3-methylphenol	8.44	107	399279	38.364	ng	95
37) 2-Methylnaphthalene	8.59	142	869537	38.203	ng	99
38) 1-Methylnaphthalene	8.69	142	816873	37.578	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.76	216	371798	37.859	ng	99

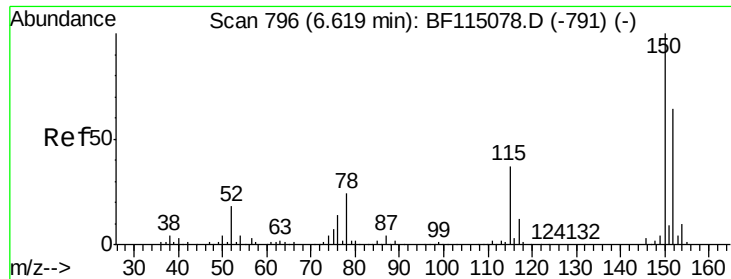
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
 Data File : BF115316.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	420155	72.151	ng	99
43) 2,4,6-Trichlorophenol	8.87	196	280542	37.002	ng	99
44) 2,4,5-Trichlorophenol	8.91	196	306138	39.209	ng	99
46) 1,1'-Biphenyl	9.05	154	1044897	37.576	ng	99
47) 2-Chloronaphthalene	9.08	162	828768	36.743	ng	100
48) 2-Nitroaniline	9.17	65	246710	37.516	ng	86
49) Acenaphthylene	9.49	152	1315084	37.421	ng	99
50) Dimethylphthalate	9.36	163	1236817	48.372	ng	100
51) 2,6-Dinitrotoluene	9.41	165	228666	38.737	ng	98
52) Acenaphthene	9.66	154	776382	35.305	ng	99
53) 3-Nitroaniline	9.58	138	185695	25.778	ng	93
54) 2,4-Dinitrophenol	9.68	184	143190	50.157	ng	98
55) Dibenzofuran	9.83	168	1158408	36.702	ng	98
56) 4-Nitrophenol	9.75	139	429765	74.417	ng	95
57) 2,4-Dinitrotoluene	9.81	165	304209	39.912	ng	94
58) Fluorene	10.17	166	837601	38.977	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.95	232	258206	39.438	ng	96
60) Diethylphthalate	10.06	149	967644	37.649	ng	100
61) 4-Chlorophenyl-phenylether	10.17	204	404799	39.740	ng	97
62) 4-Nitroaniline	10.18	138	273100	37.791	ng	98
63) Azobenzene	10.32	77	876814	36.524	ng	96
65) 4,6-Dinitro-2-methylphenol	10.22	198	135338	37.326	ng	89
66) n-Nitrosodiphenylamine	10.28	169	810516	36.920	ng	99
67) 4-Bromophenyl-phenylether	10.65	248	279073	36.528	ng	95
68) Hexachlorobenzene	10.72	284	304674	36.740	ng	98
69) Atrazine	10.81	200	270405	38.290	ng	100
70) Pentachlorophenol	10.91	266	351981	66.625	ng	97
71) Phenanthrene	11.12	178	1362807	35.920	ng	99
72) Anthracene	11.17	178	1428021	37.288	ng	100
73) Carbazole	11.33	167	1324863	38.741	ng	99
74) Di-n-butylphthalate	11.68	149	1530428	38.727	ng	100
75) Fluoranthene	12.30	202	1457467	38.502	ng	99
77) Benzidine	12.42	184	224805	8.963	ng	97
78) Pyrene	12.52	202	1507085	34.720	ng	99
80) Butylbenzylphthalate	13.16	149	694560	36.258	ng	97
81) Benzo(a)anthracene	13.71	228	1419830	35.034	ng	100
82) 3,3'-Dichlorobenzidine	13.68	252	402599	27.509	ng	97
83) Chrysene	13.75	228	1390703	37.461	ng	99
84) Bis(2-ethylhexyl)phthalate	13.73	149	954651	38.034	ng	100
85) Di-n-octyl phthalate	14.34	149	1619352	38.398	ng	99
86) Indeno(1,2,3-cd)pyrene	16.35	276	1709223	38.909	ng	99
88) Benzo(b)fluoranthene	14.71	252	1469424	33.716	ng	99
89) Benzo(k)fluoranthene	14.74	252	1450055	37.101	ng	98
90) Benzo(a)pyrene	15.02	252	1448983	36.888	ng	99
91) Dibenzo(a,h)anthracene	16.37	278	1408361	38.405	ng	99
92) Benzo(g,h,i)perylene	16.73	276	1439250	38.777	ng	97

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

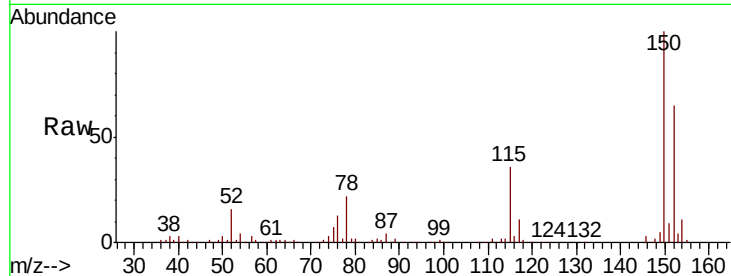


#1

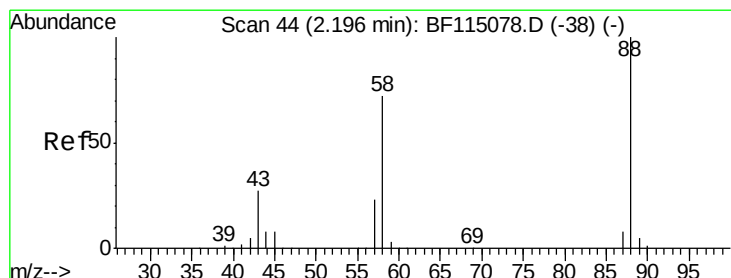
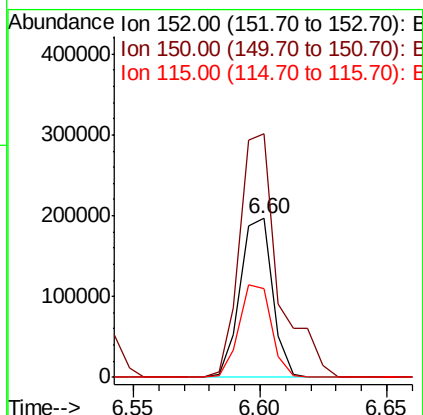
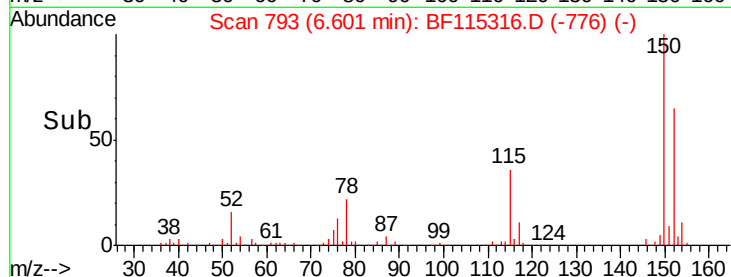
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF115316.D
Acq: 29 Jun 2019 12:11

Instrument :
BNA_F
ClientSampleId :
SAMPLE-14MSD

Tgt Ion: 152 Resp: 175634
Ion Ratio Lower Upper
152 100
150 153.0 124.2 186.2
115 55.4 46.1 69.1



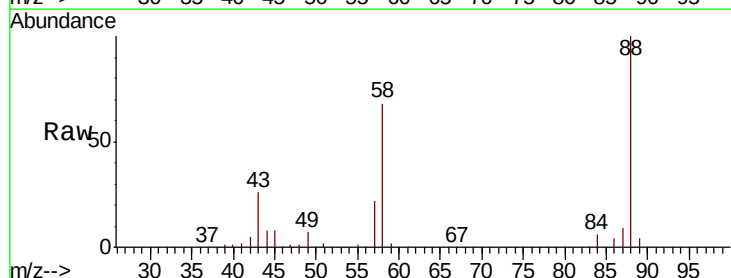
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



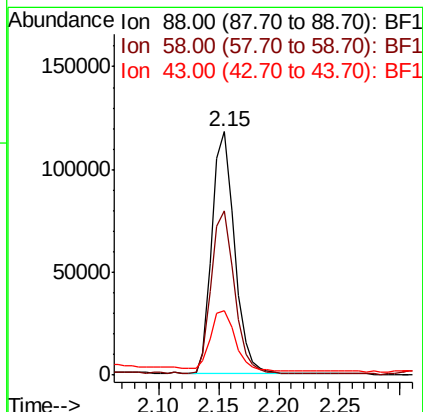
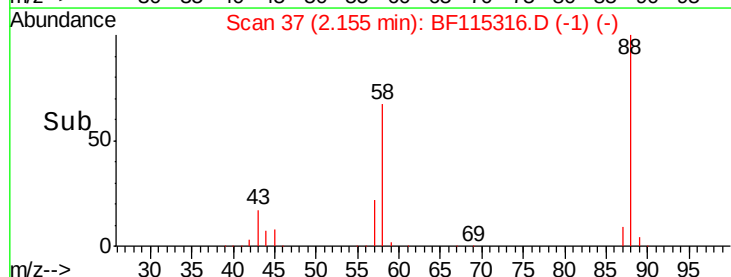
#2

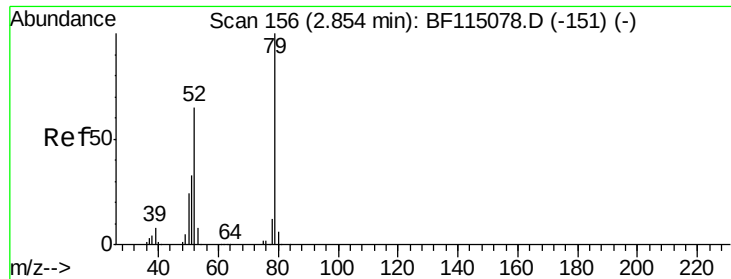
1,4-Dioxane
Concen: 28.398 ng
RT: 2.15 min Scan# 37
Delta R.T. 0.00 min
Lab File: BF115316.D
Acq: 29 Jun 2019 12:11

Tgt Ion: 88 Resp: 152535
Ion Ratio Lower Upper
88 100
58 69.6 56.1 84.1
43 28.7 21.3 31.9



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





#3

Pyridine

Concen: 19.176 ng

RT: 2.81 min Scan# 149

Delta R.T. 0.01 min

Lab File: BF115316.D

Acq: 29 Jun 2019 12:11

Instrument :

BNA_F

ClientSampleId :

SAMPLE-14MSD

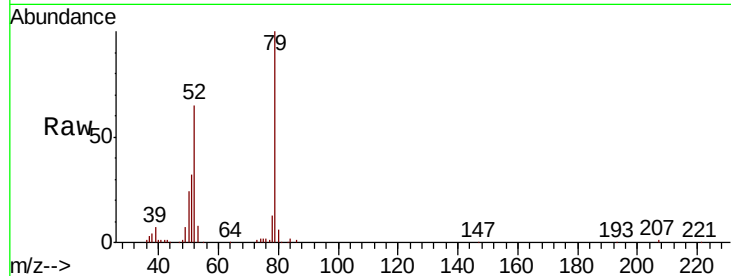
Tgt Ion: 79 Resp: 290318

Ion Ratio Lower Upper

79 100

52 65.0 52.3 78.5

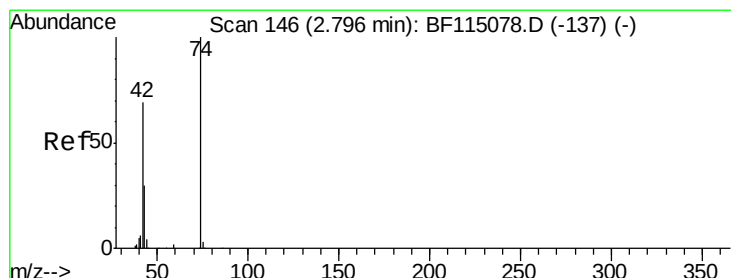
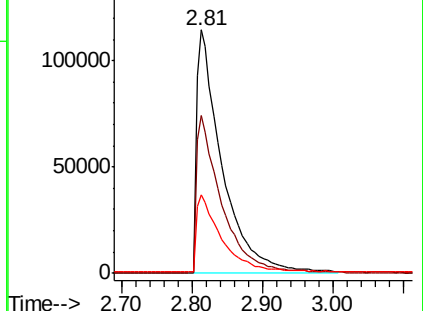
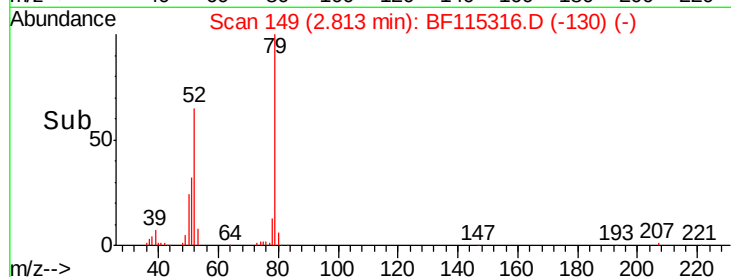
51 32.2 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 30.596 ng

RT: 2.74 min Scan# 137

Delta R.T. -0.01 min

Lab File: BF115316.D

Acq: 29 Jun 2019 12:11

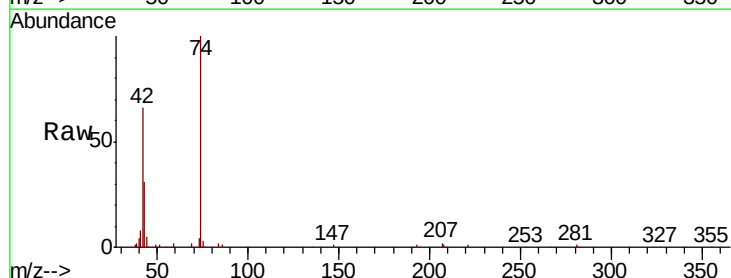
Tgt Ion: 42 Resp: 181590

Ion Ratio Lower Upper

42 100

74 150.5 116.6 175.0

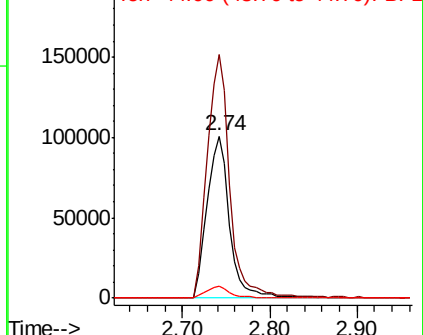
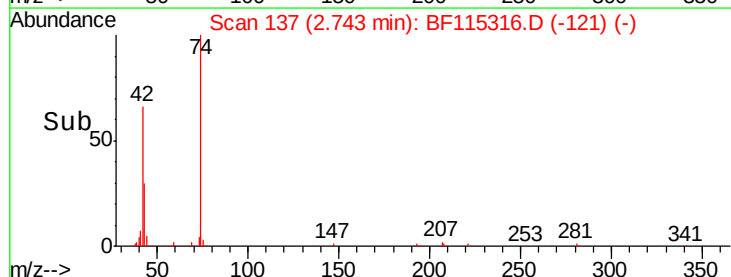
44 7.6 5.3 7.9

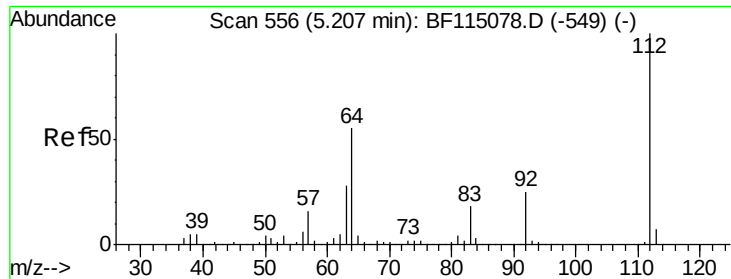


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 104.389 ng

RT: 5.20 min Scan# 554

Delta R.T. 0.01 min

Lab File: BF115316.D

Acq: 29 Jun 2019 12:11

Instrument :

BNA_F

ClientSampleId :

SAMPLE-14MSD

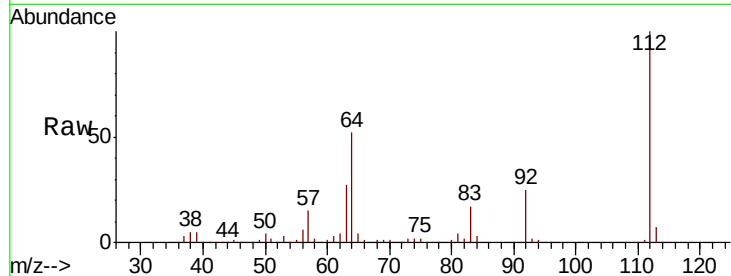
Tgt Ion: 112 Resp: 1188094

Ion Ratio Lower Upper

112 100

64 52.5 43.8 65.6

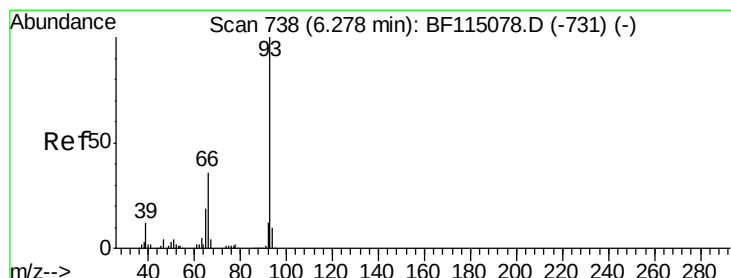
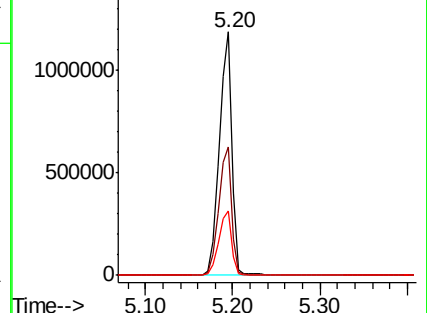
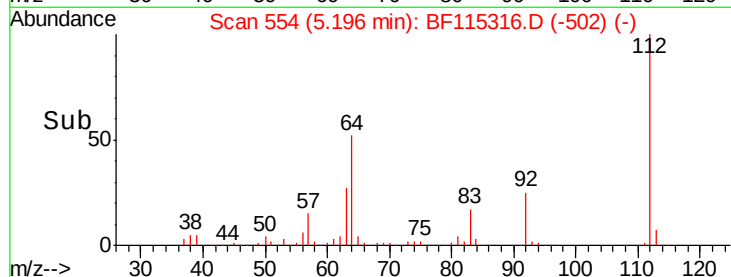
63 26.5 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 19.819 ng

RT: 6.25 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF115316.D

Acq: 29 Jun 2019 12:11

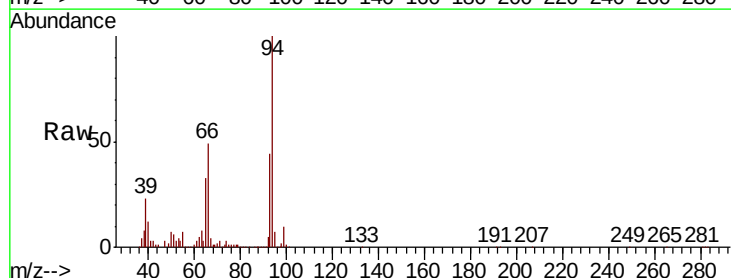
Tgt Ion: 93 Resp: 376287

Ion Ratio Lower Upper

93 100

66 109.5 30.0 45.0#

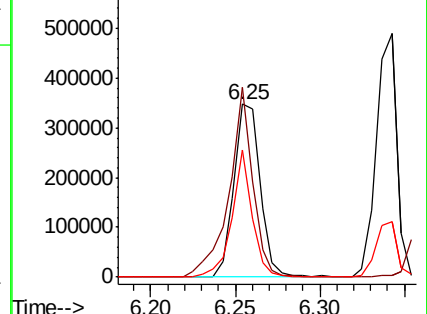
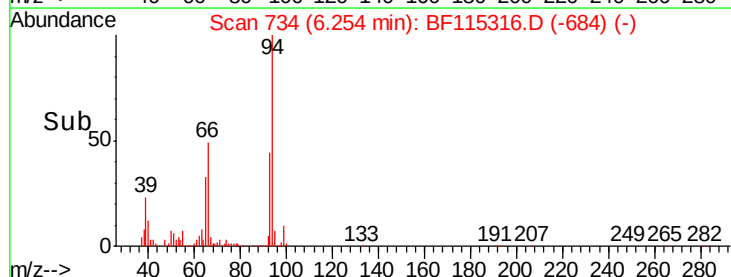
65 73.8 15.6 23.4#

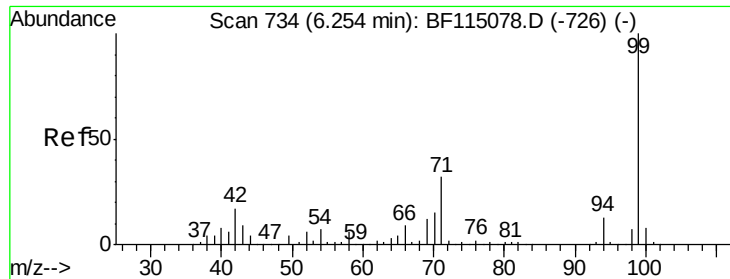


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 111.661 ng

RT: 6.24 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF115316.D

Acq: 29 Jun 2019 12:11

Instrument :

BNA_F

ClientSampleId :

SAMPLE-14MSD

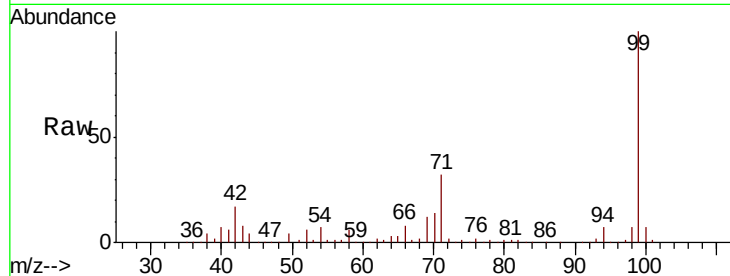
Tgt Ion: 99 Resp: 1542509

Ion Ratio Lower Upper

99 100

42 16.8 13.6 20.4

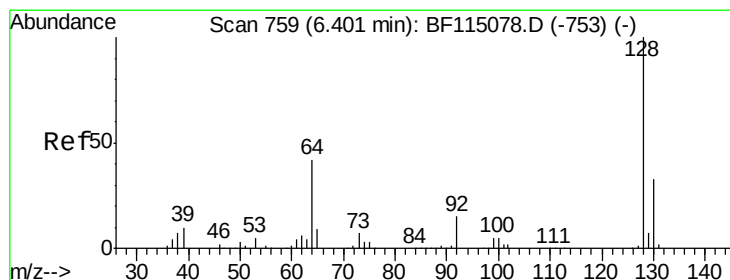
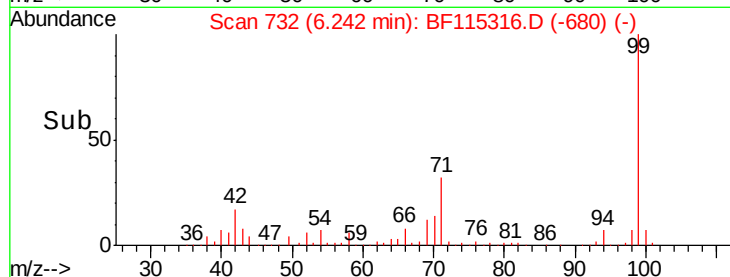
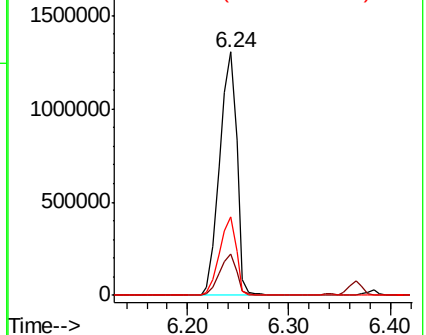
71 32.2 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 35.768 ng

RT: 6.38 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF115316.D

Acq: 29 Jun 2019 12:11

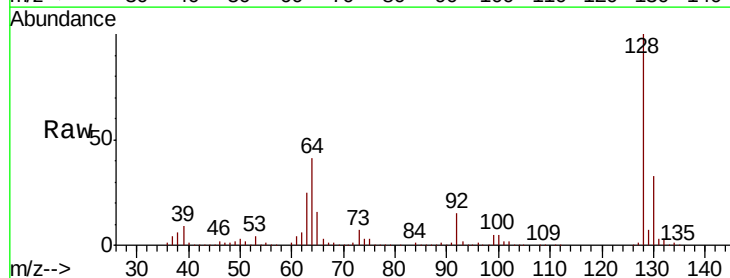
Tgt Ion: 128 Resp: 457753

Ion Ratio Lower Upper

128 100

130 32.8 12.9 52.9

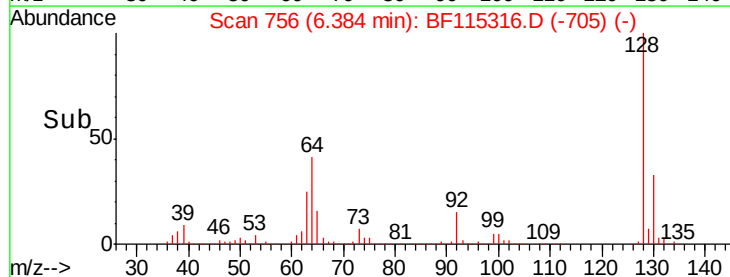
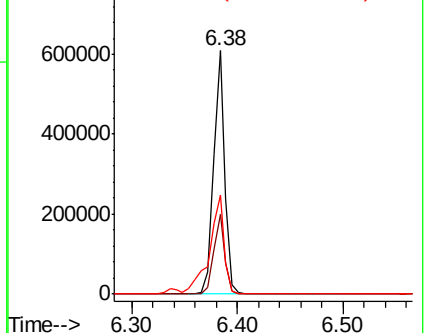
64 40.7 22.9 62.9

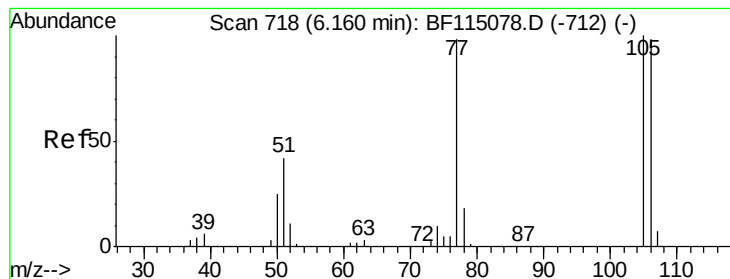


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 30.499 ng

RT: 6.14 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF115316.D

Acq: 29 Jun 2019 12:11

Instrument :

BNA_F

ClientSampleId :

SAMPLE-14MSD

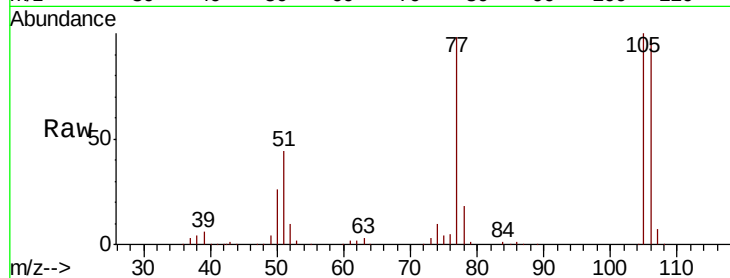
Tgt Ion: 77 Resp: 274869

Ion Ratio Lower Upper

77 100

105 102.4 81.5 121.5

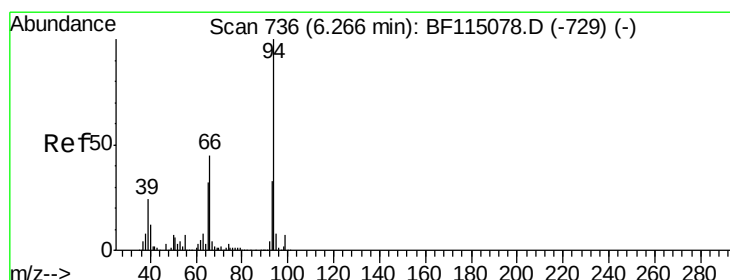
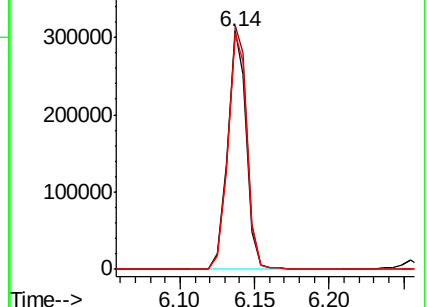
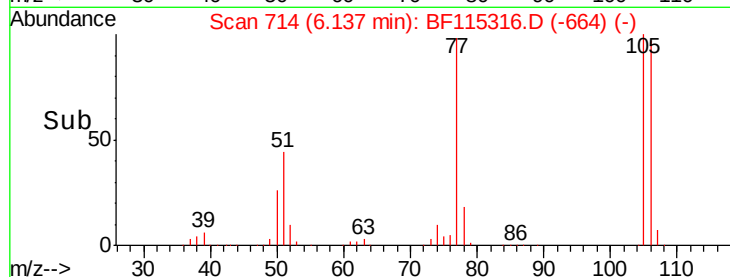
106 98.9 79.7 119.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 33.968 ng

RT: 6.25 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF115316.D

Acq: 29 Jun 2019 12:11

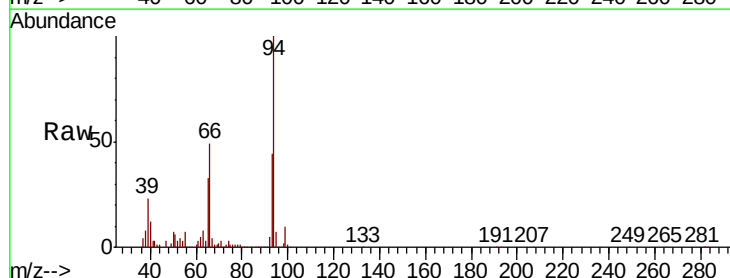
Tgt Ion: 94 Resp: 549653

Ion Ratio Lower Upper

94 100

65 32.7 11.9 51.9

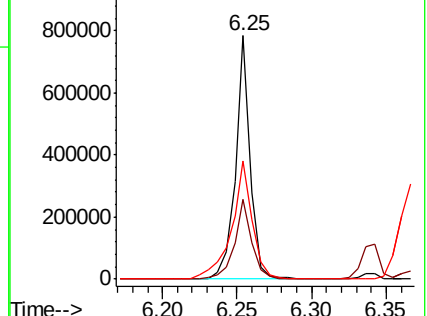
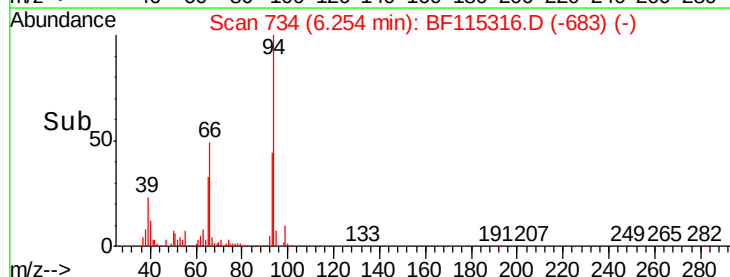
66 48.5 25.2 65.2

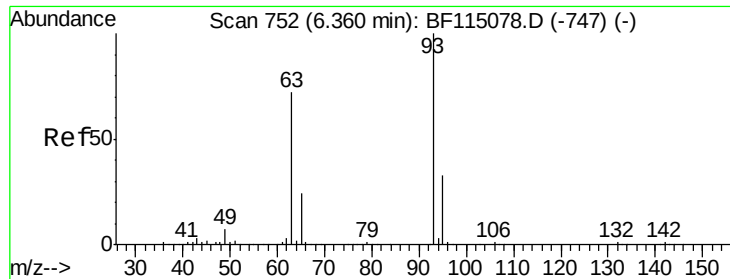


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

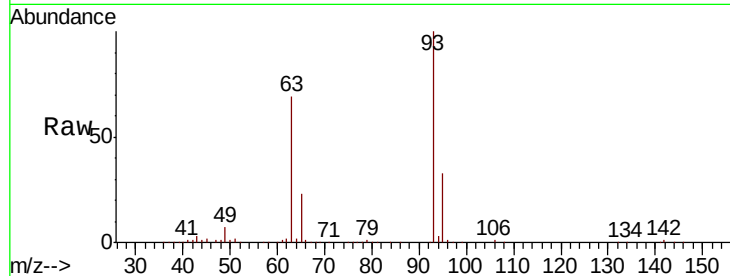




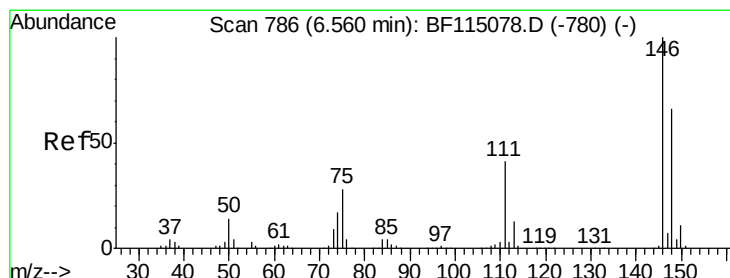
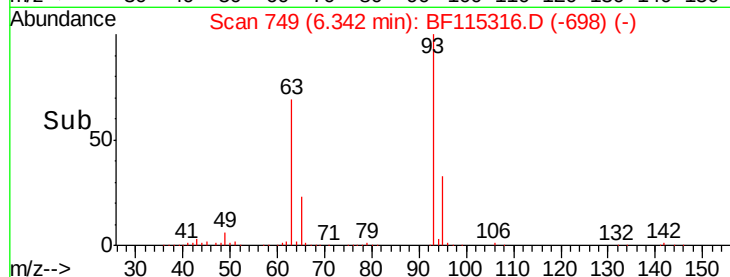
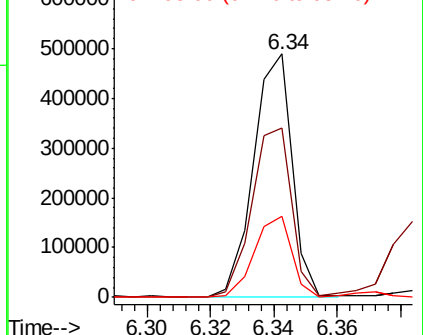
#11
bis(2-Chloroethyl)ether
Concen: 34.392 ng
RT: 6.34 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF115316.D
Acq: 29 Jun 2019 12:11

Instrument :
BNA_F
ClientSampleId :
SAMPLE-14MSD

Tgt Ion: 93 Resp: 410230
Ion Ratio Lower Upper
93 100
63 69.4 51.5 91.5
95 33.3 13.4 53.4

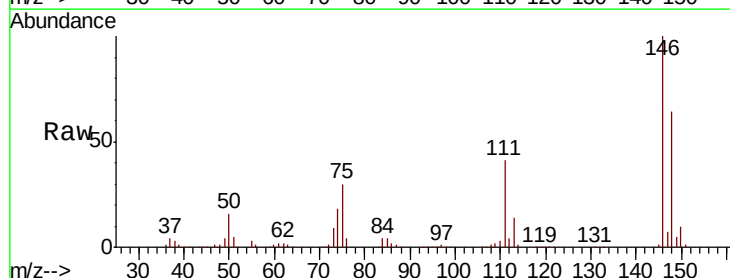


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

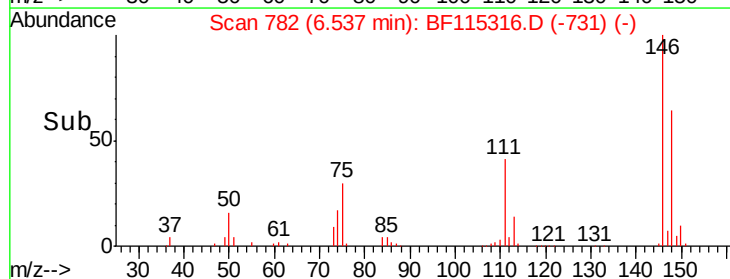
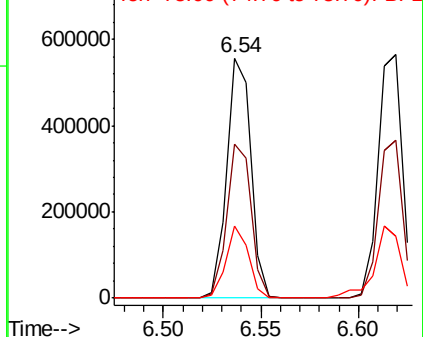


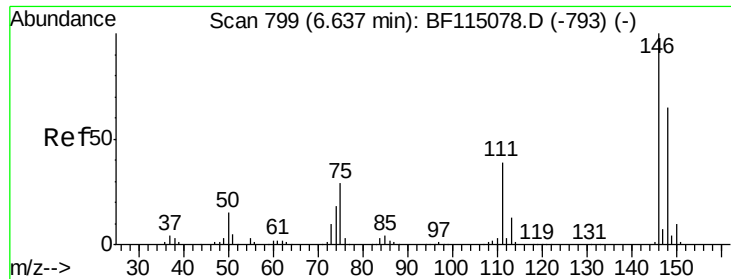
#12
1,3-Dichlorobenzene
Concen: 33.624 ng
RT: 6.54 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF115316.D
Acq: 29 Jun 2019 12:11

Tgt Ion: 146 Resp: 477566
Ion Ratio Lower Upper
146 100
148 64.1 52.6 78.8
75 29.8 22.6 34.0



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

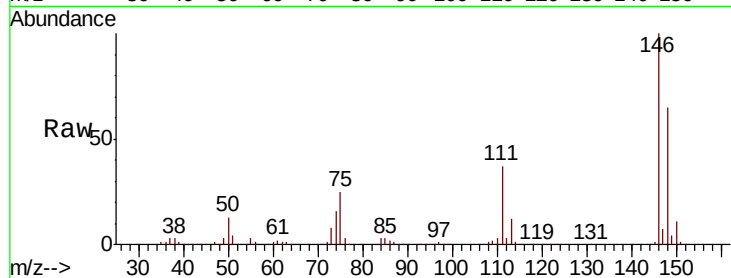




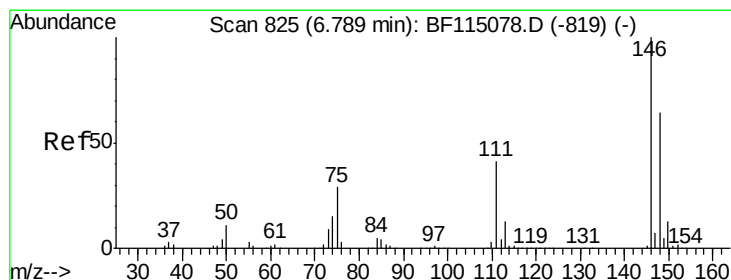
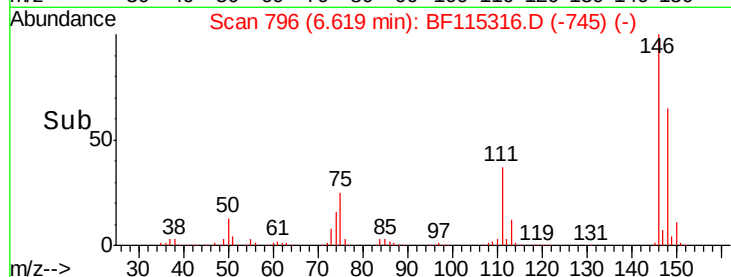
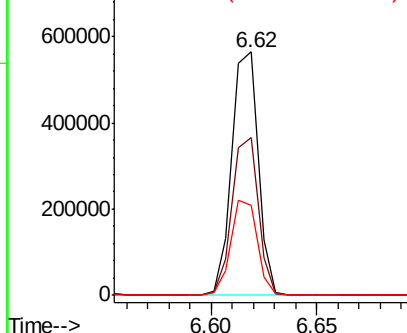
#13
 1,4-Dichlorobenzene
 Concen: 34.384 ng
 RT: 6.62 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF115316.D
 Acq: 29 Jun 2019 12:11

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-14MSD

Tgt Ion:146 Resp: 489710
 Ion Ratio Lower Upper
 146 100
 148 65.1 51.9 77.9
 111 37.0 31.4 47.0

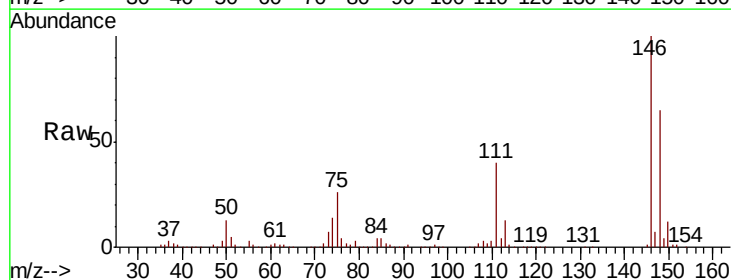


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

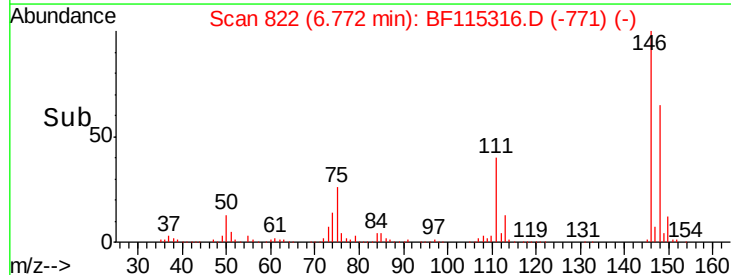
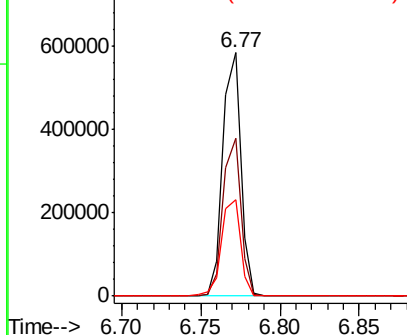


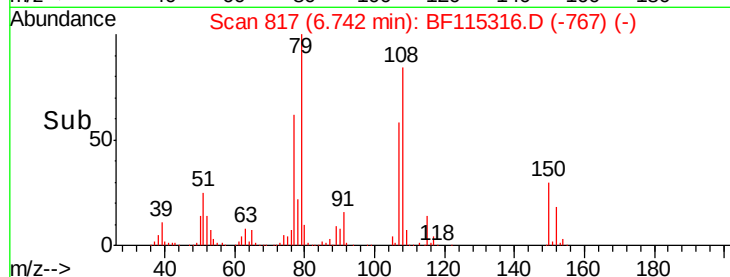
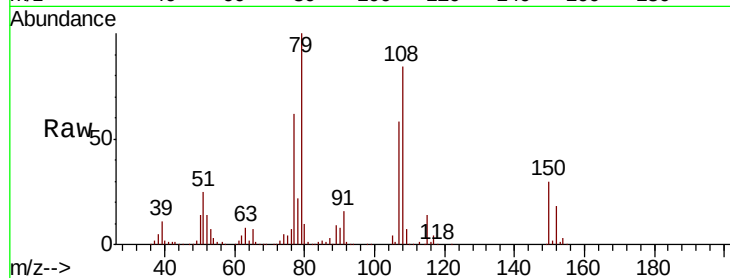
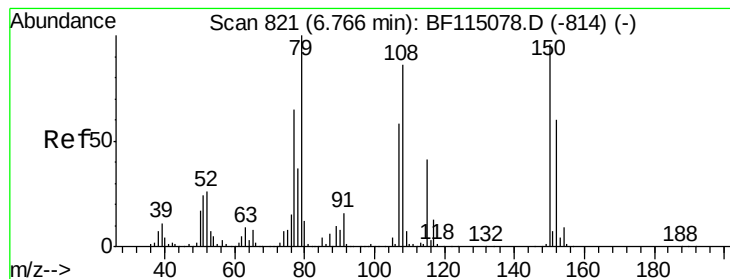
#14
 1,2-Dichlorobenzene
 Concen: 35.064 ng
 RT: 6.77 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF115316.D
 Acq: 29 Jun 2019 12:11

Tgt Ion:146 Resp: 462475
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.1 76.7
 111 39.5 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





#15

Benzyl Alcohol

Concen: 34.897 ng

RT: 6.74 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF115316.D

Acq: 29 Jun 2019 12:11

Instrument :

BNA_F

ClientSampleId :

SAMPLE-14MSD

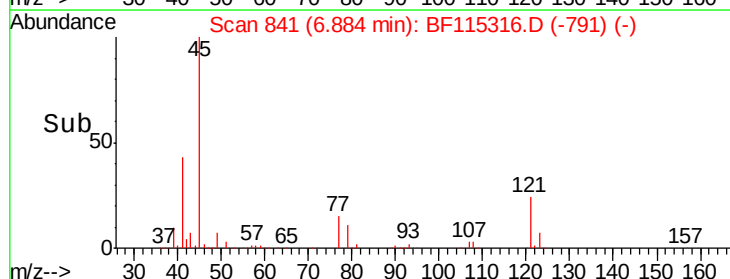
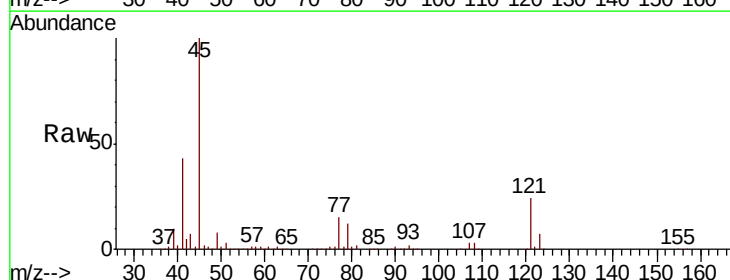
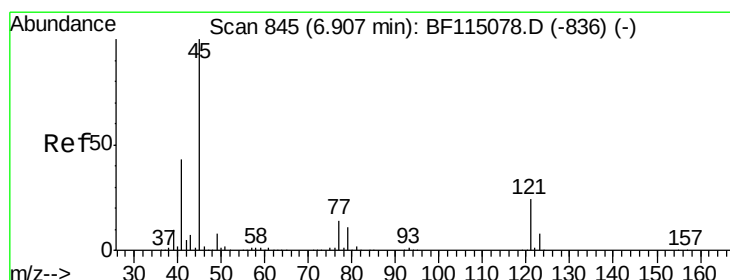
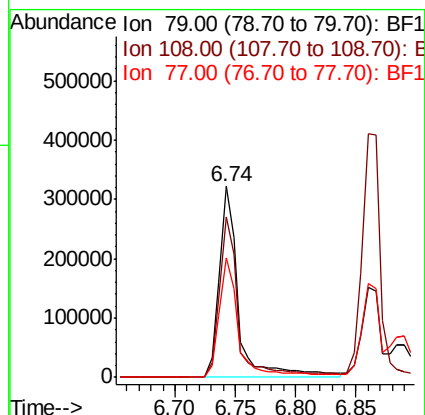
Tgt Ion: 79 Resp: 351035

Ion Ratio Lower Upper

79 100

108 84.3 68.7 103.1

77 62.3 51.7 77.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.072 ng

RT: 6.88 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF115316.D

Acq: 29 Jun 2019 12:11

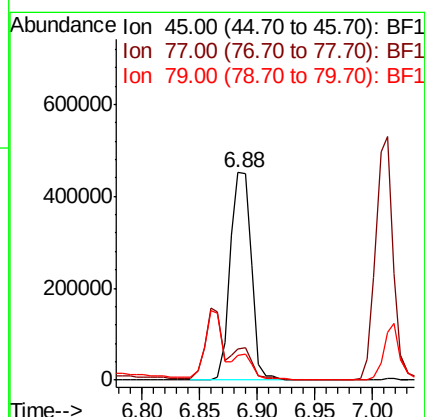
Tgt Ion: 45 Resp: 572145

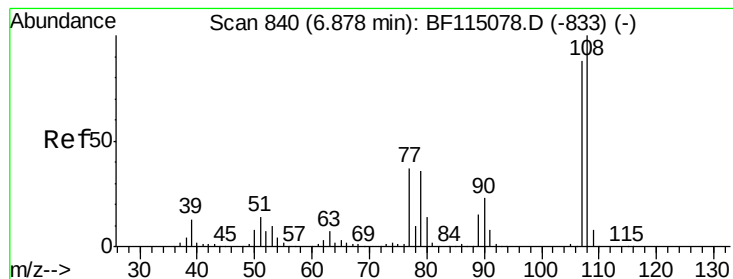
Ion Ratio Lower Upper

45 100

77 15.2 0.0 34.6

79 11.9 0.0 31.2





#17

2-Methylphenol

Concen: 35.714 ng

RT: 6.87 min Scan# 838

Delta R.T. 0.01 min

Lab File: BF115316.D

Acq: 29 Jun 2019 12:11

Instrument :

BNA_F

ClientSampleId :

SAMPLE-14MSD

Tgt Ion:107 Resp: 377267

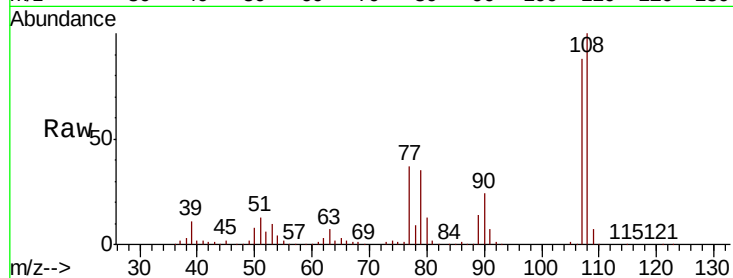
Ion Ratio Lower Upper

107 100

108 113.6 90.9 136.3

77 41.5 33.4 50.2

79 40.2 32.3 48.5

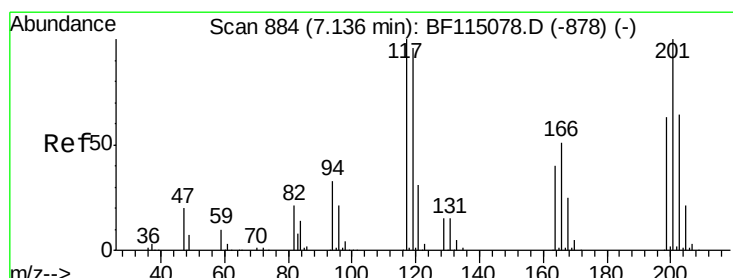
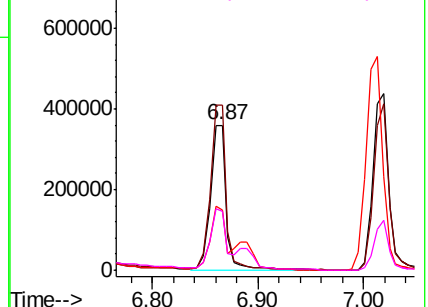
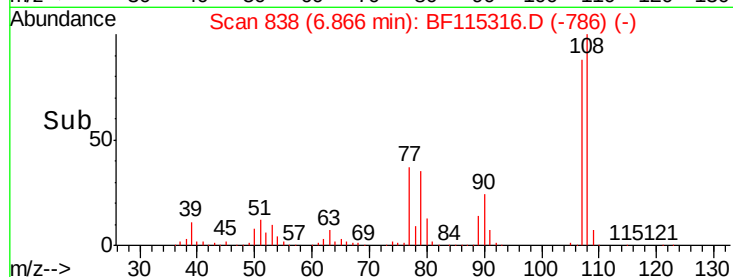


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 32.517 ng

RT: 7.11 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF115316.D

Acq: 29 Jun 2019 12:11

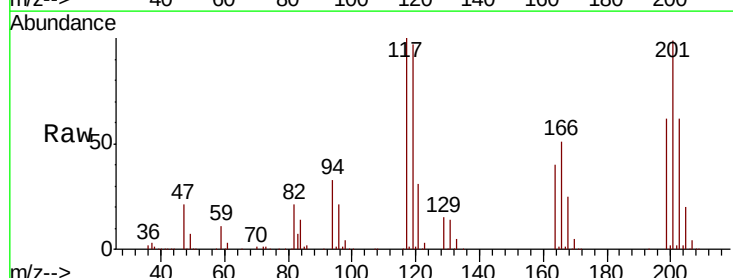
Tgt Ion:117 Resp: 166964

Ion Ratio Lower Upper

117 100

119 96.9 76.6 114.8

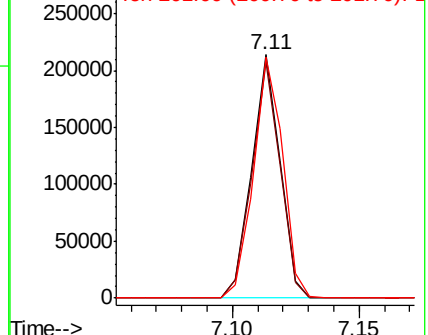
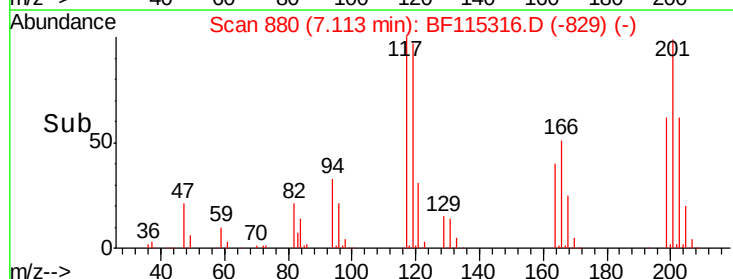
201 99.0 80.2 120.2

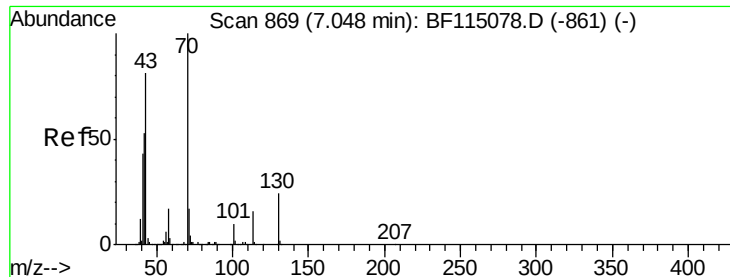


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

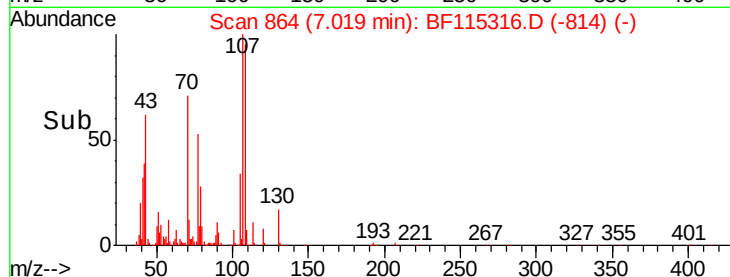
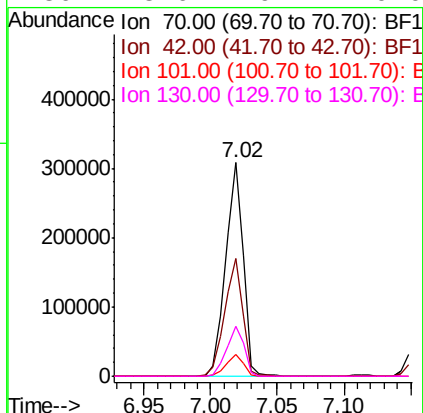
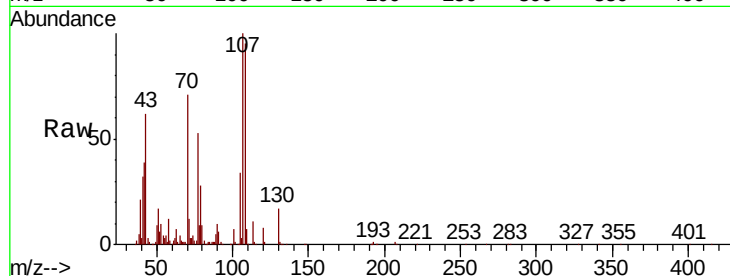




#19
n-Nitroso-di-n-propylamine
Concen: 32.537 ng
RT: 7.02 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF115316.D
Acq: 29 Jun 2019 12:11

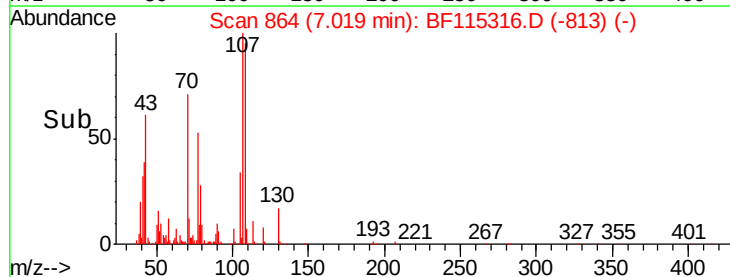
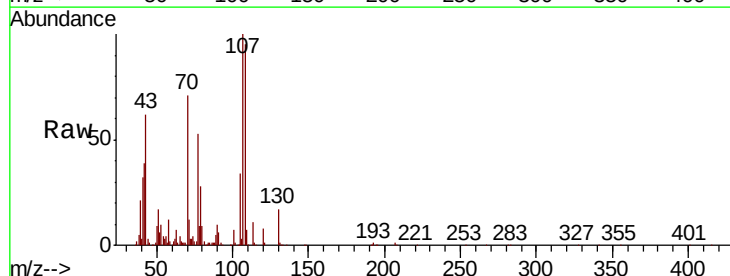
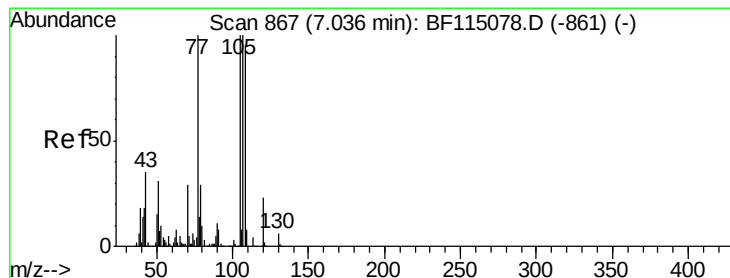
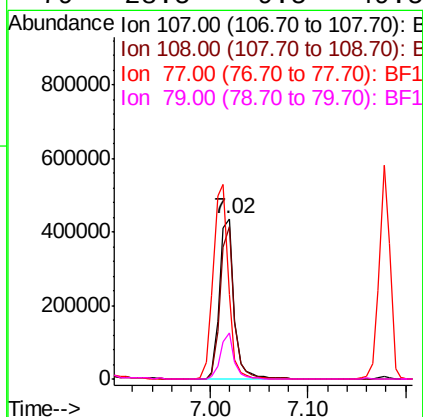
Instrument :
BNA_F
ClientSampleId :
SAMPLE-14MSD

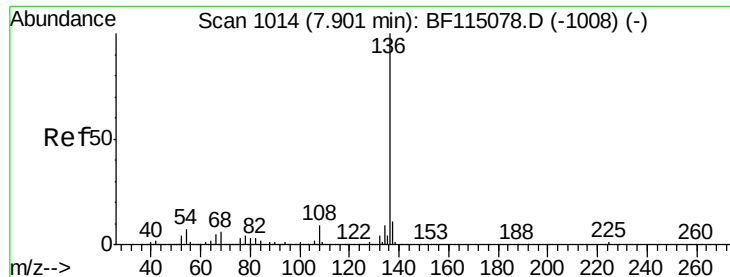
Tgt Ion:	70	Resp:	287762
Ion	Ratio	Lower	Upper
70	100		
42	55.4	42.6	63.8
101	10.1	8.0	12.0
130	23.6	19.4	29.0



#20
3+4-Methylphenols
Concen: 37.025 ng
RT: 7.02 min Scan# 864
Delta R.T. 0.00 min
Lab File: BF115316.D
Acq: 29 Jun 2019 12:11

Tgt Ion:	107	Resp:	451619
Ion	Ratio	Lower	Upper
107	100		
108	94.8	75.5	115.5
77	52.9	80.2	120.2
79	28.5	9.5	49.5

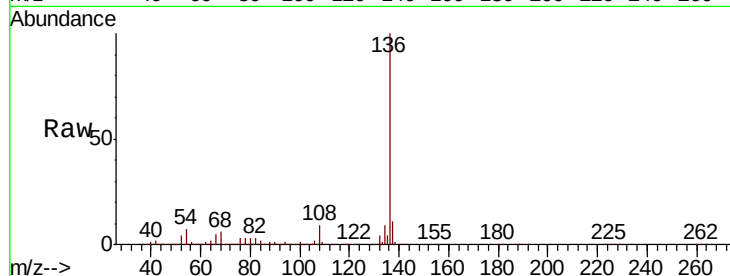




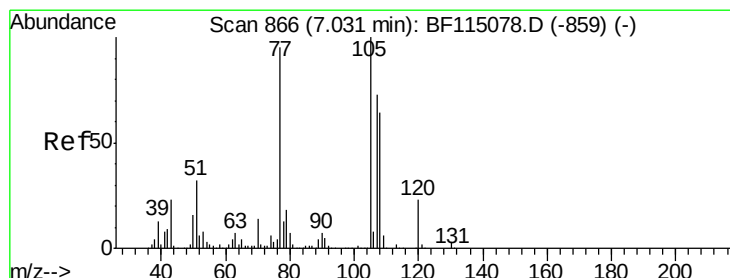
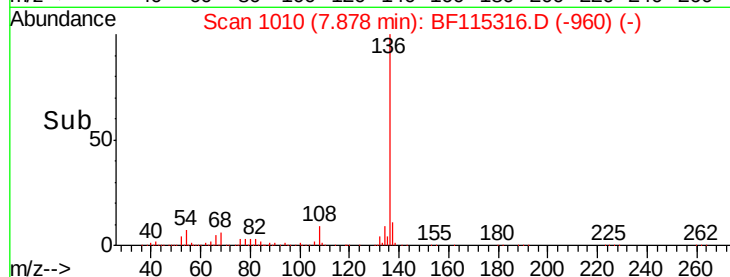
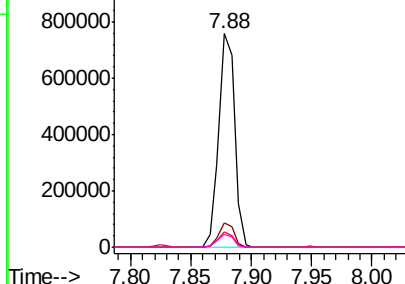
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF115316.D
Acq: 29 Jun 2019 12:11

Instrument :
BNA_F
ClientSampleId :
SAMPLE-14MSD

Tgt Ion:	136	Resp:	687689
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.3	5.6	8.4
68	6.3	4.8	7.2

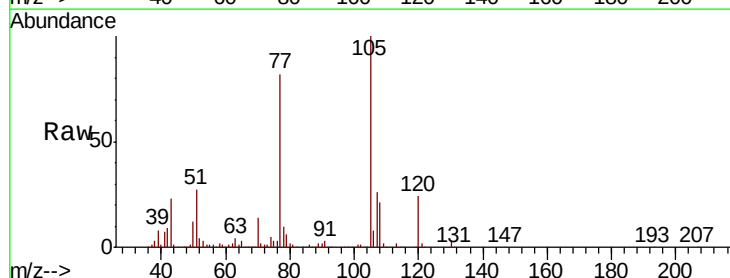


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

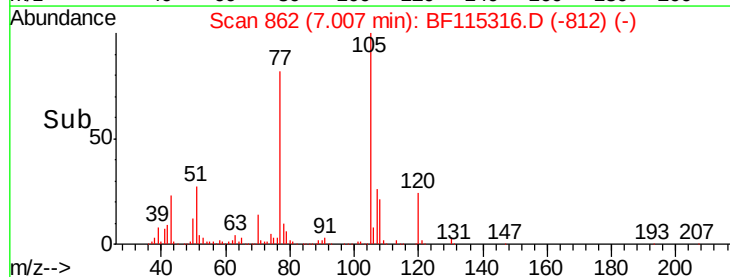
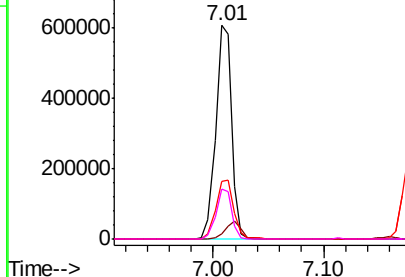


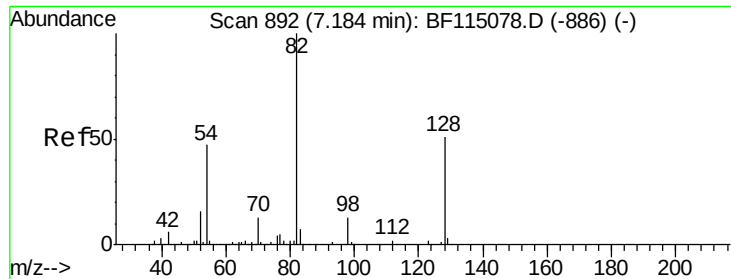
#22
Acetophenone
Concen: 38.379 ng
RT: 7.01 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF115316.D
Acq: 29 Jun 2019 12:11

Tgt Ion:	105	Resp:	604217
Ion	Ratio	Lower	Upper
105	100		
71	2.5	1.9	2.9
51	27.2	25.8	38.8
120	23.5	18.5	27.7



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

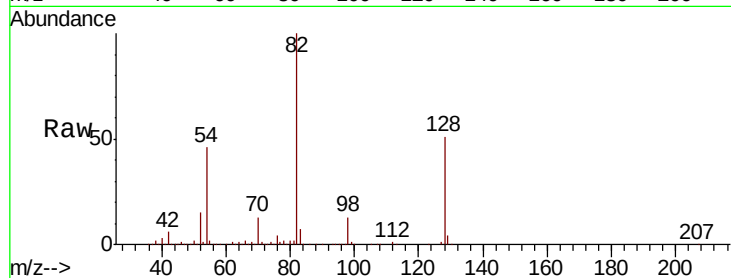




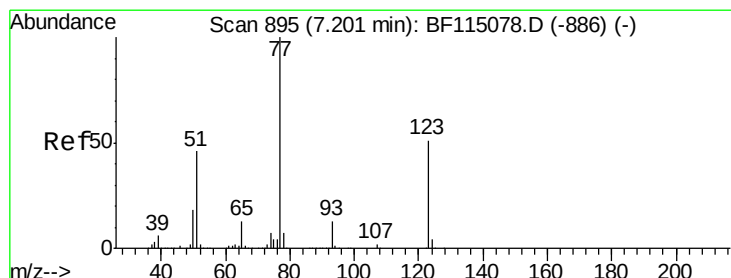
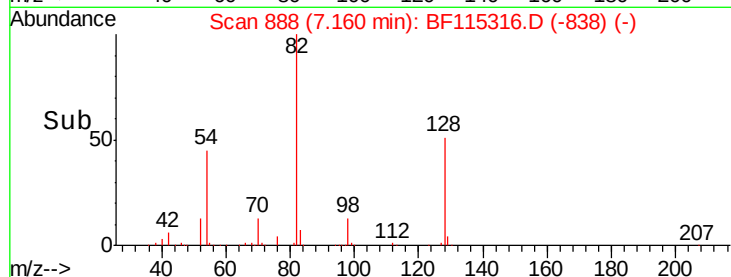
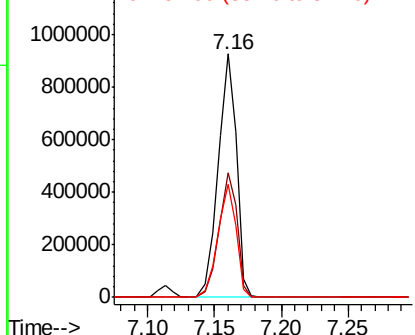
#23
 Nitrobenzene-d5
 Concen: 80.546 ng
 RT: 7.16 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF115316.D
 Acq: 29 Jun 2019 12:11

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-14MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	50.9	40.4	60.6
54	46.3	37.5	56.3

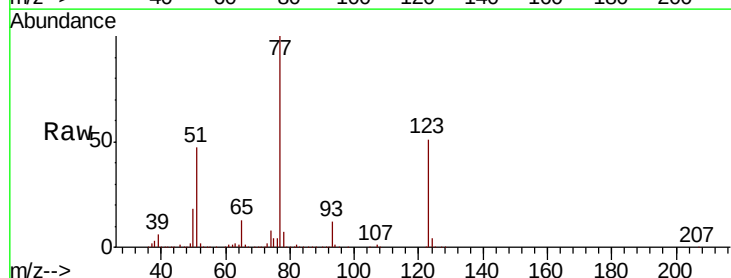


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

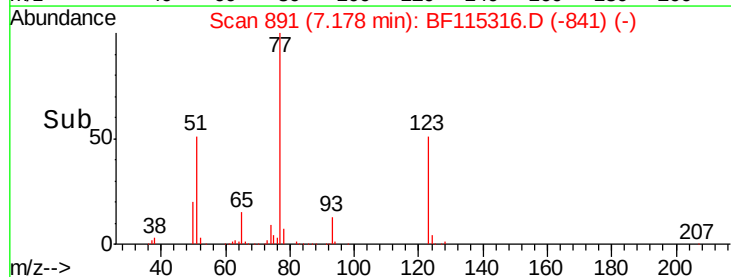
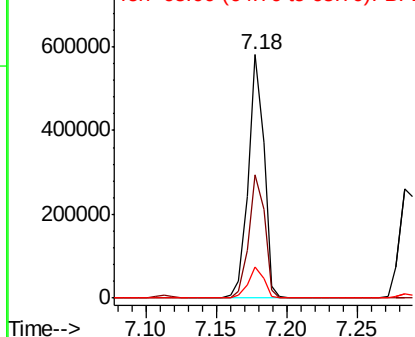


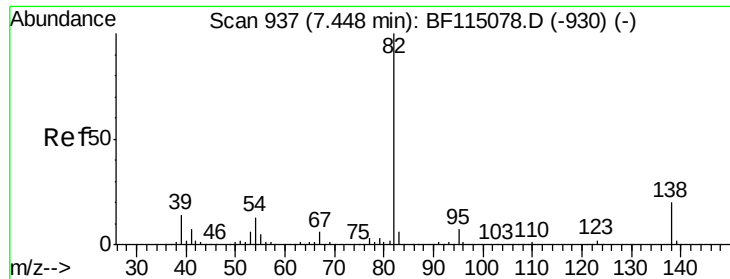
#24
 Nitrobenzene
 Concen: 36.470 ng
 RT: 7.18 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BF115316.D
 Acq: 29 Jun 2019 12:11

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.6	41.0	61.6
65	13.0	10.5	15.7



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





#25

Isophorone

Concen: 35.593 ng

RT: 7.42 min Scan# 933

Delta R.T. 0.00 min

Lab File: BF115316.D

Acq: 29 Jun 2019 12:11

Instrument :

BNA_F

ClientSampleId :

SAMPLE-14MSD

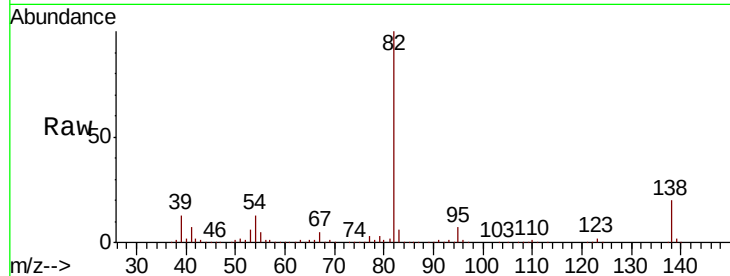
Tgt Ion: 82 Resp: 815121

Ion Ratio Lower Upper

82 100

95 6.6 5.4 8.2

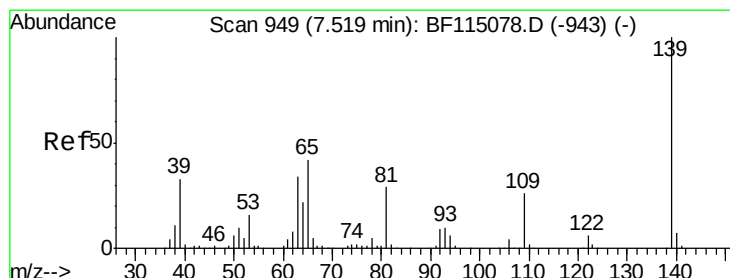
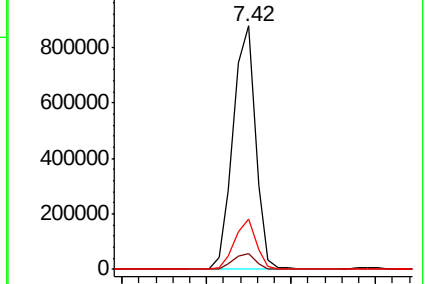
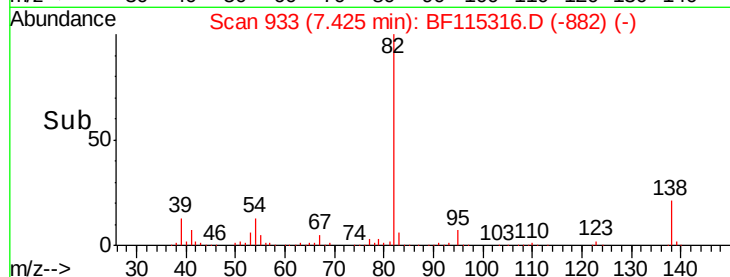
138 20.5 15.9 23.9



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 41.346 ng

RT: 7.50 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF115316.D

Acq: 29 Jun 2019 12:11

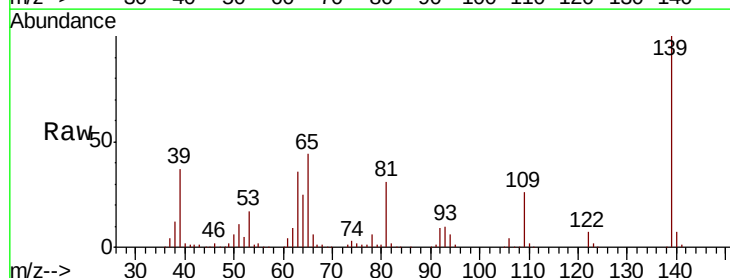
Tgt Ion: 139 Resp: 251469

Ion Ratio Lower Upper

139 100

109 26.3 20.4 30.6

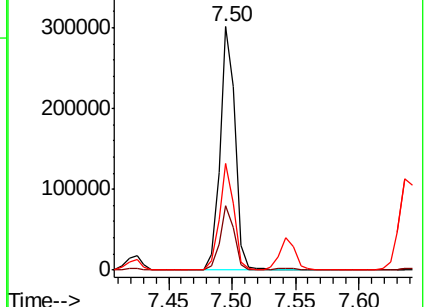
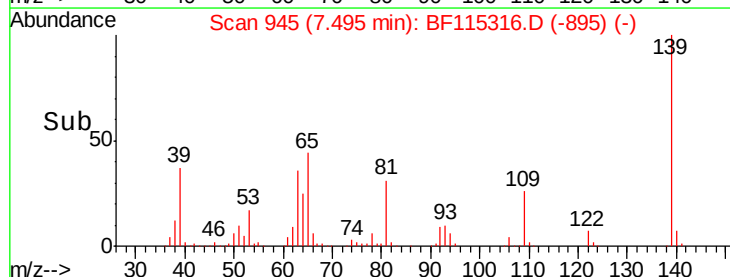
65 43.9 33.6 50.4

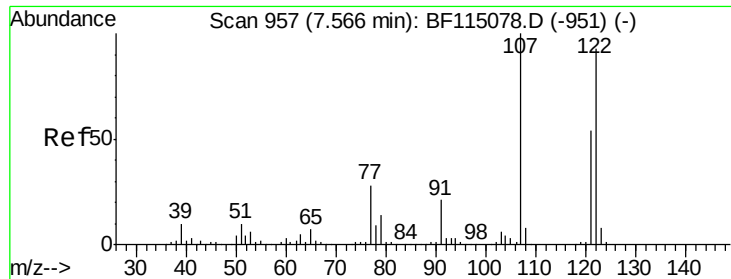


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

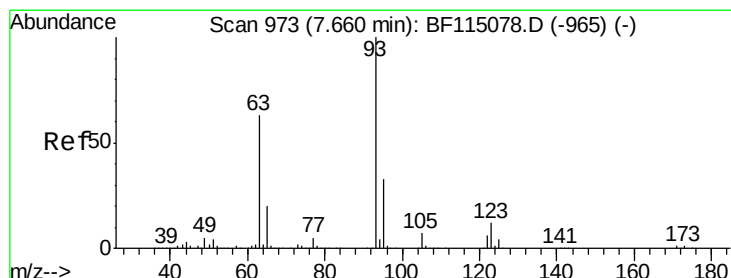
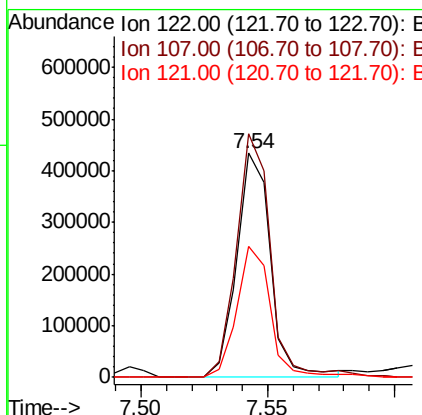
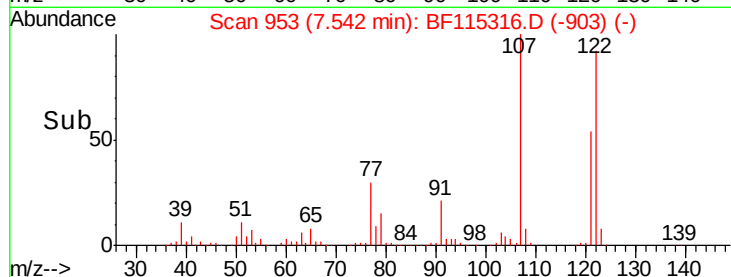
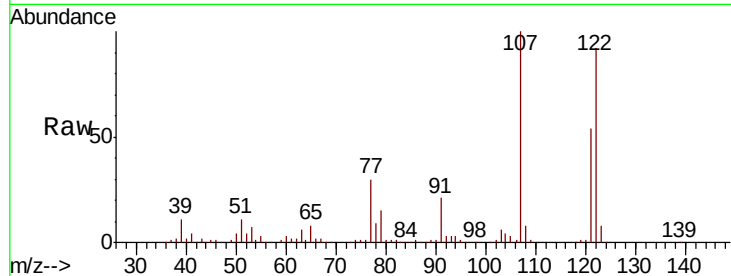




#27
2,4-Dimethylphenol
Concen: 40.485 ng
RT: 7.54 min Scan# 953
Delta R.T. -0.01 min
Lab File: BF115316.D
Acq: 29 Jun 2019 12:11

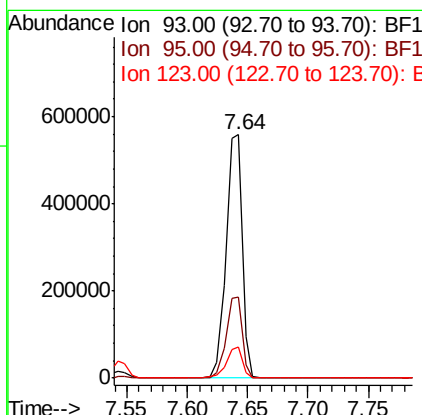
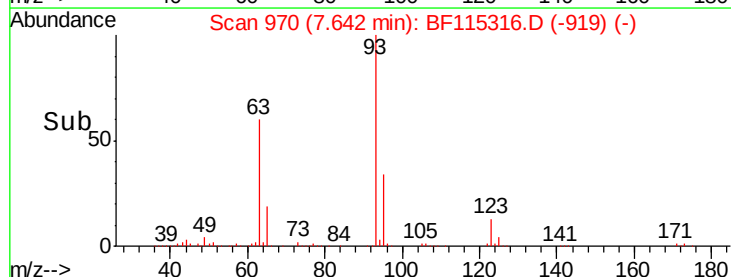
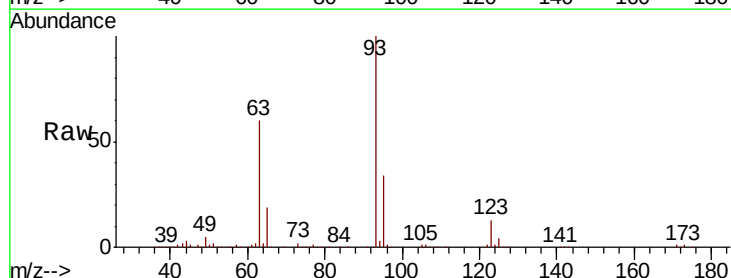
Instrument :
BNA_F
ClientSampleId :
SAMPLE-14MSD

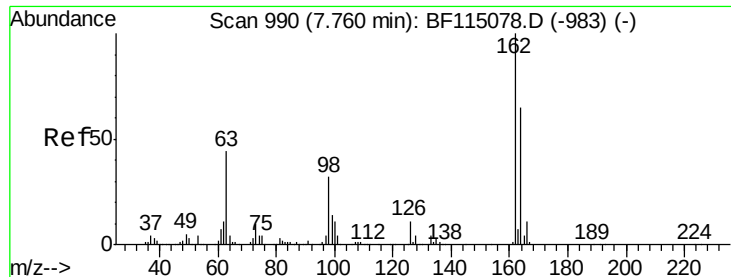
Tgt Ion:122 Resp: 403162
Ion Ratio Lower Upper
122 100
107 108.5 85.8 128.6
121 58.5 46.3 69.5



#28
bis(2-Chloroethoxy)methane
Concen: 35.996 ng
RT: 7.64 min Scan# 970
Delta R.T. 0.00 min
Lab File: BF115316.D
Acq: 29 Jun 2019 12:11

Tgt Ion: 93 Resp: 521019
Ion Ratio Lower Upper
93 100
95 33.6 26.2 39.4
123 12.6 9.7 14.5

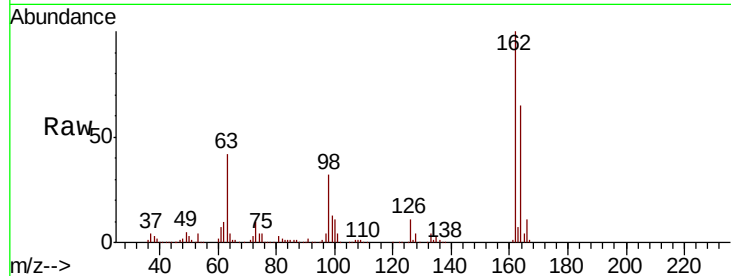




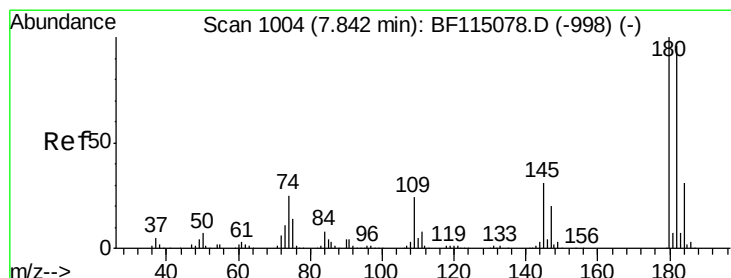
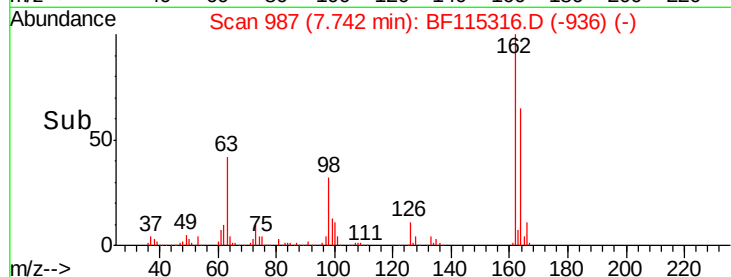
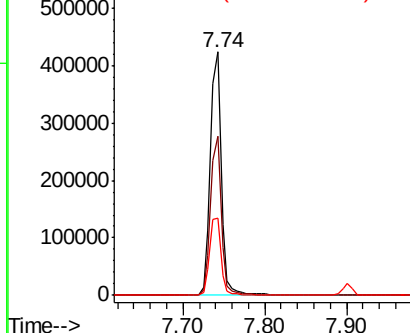
#29
2,4-Dichlorophenol
Concen: 38.360 ng
RT: 7.74 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF115316.D
Acq: 29 Jun 2019 12:11

Instrument :
BNA_F
ClientSampleId :
SAMPLE-14MSD

Tgt Ion:162 Resp: 394219
Ion Ratio Lower Upper
162 100
164 65.2 45.3 85.3
98 31.6 12.5 52.5

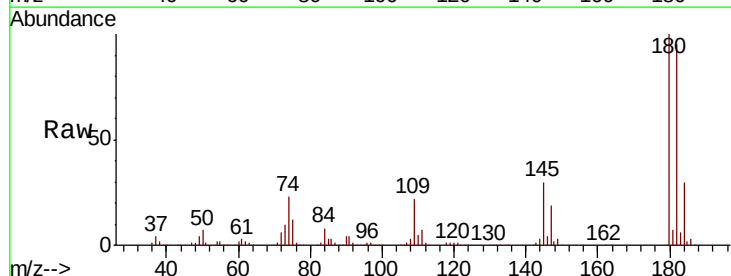


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

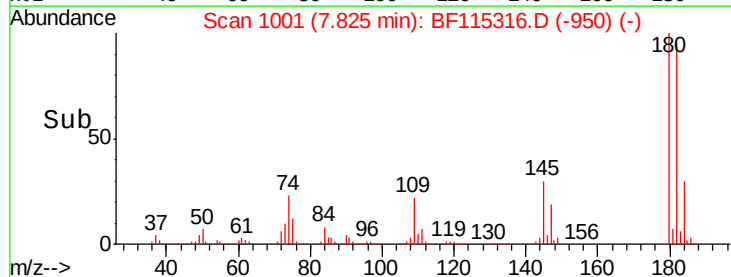
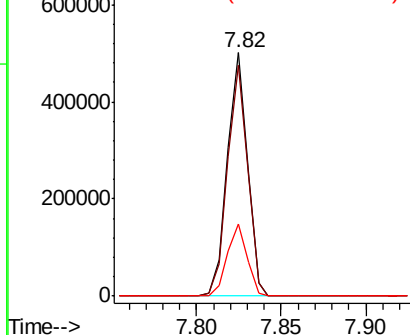


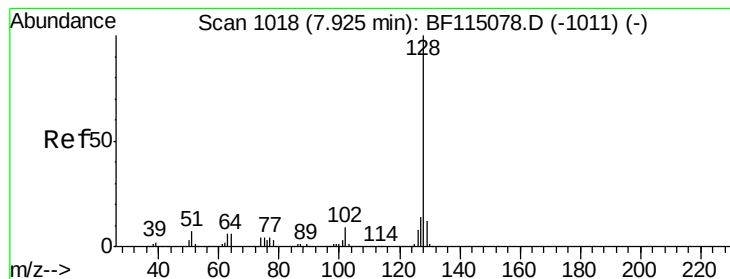
#30
1,2,4-Trichlorobenzene
Concen: 36.493 ng
RT: 7.82 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF115316.D
Acq: 29 Jun 2019 12:11

Tgt Ion:180 Resp: 414245
Ion Ratio Lower Upper
180 100
182 95.0 76.4 114.6
145 29.7 24.8 37.2



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: 37.881 ng

RT: 7.90 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BF115316.D

Acq: 29 Jun 2019 12:11

Instrument :

BNA_F

ClientSampleId :

SAMPLE-14MSD

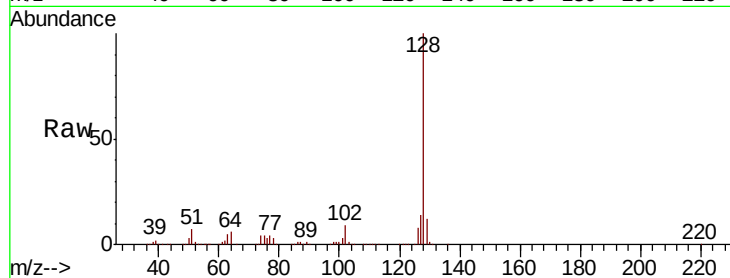
Tgt Ion:128 Resp: 1278738

Ion Ratio Lower Upper

128 100

129 11.7 9.6 14.4

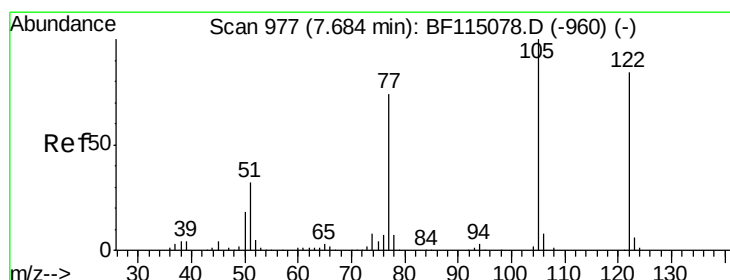
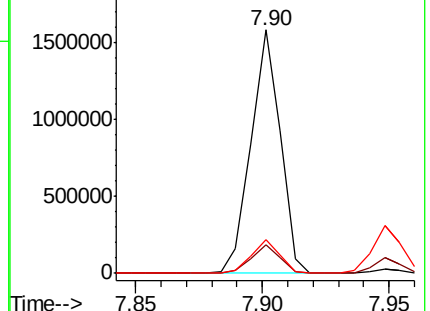
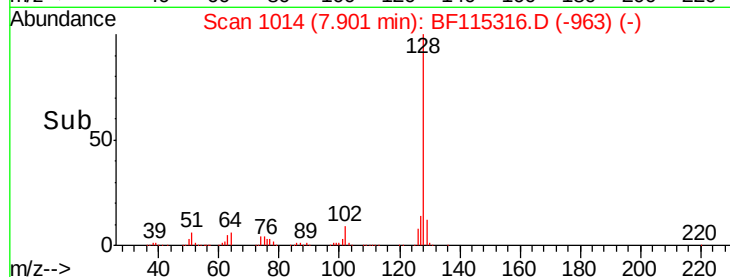
127 13.7 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 9.128 ng

RT: 7.62 min Scan# 967

Delta R.T. -0.04 min

Lab File: BF115316.D

Acq: 29 Jun 2019 12:11

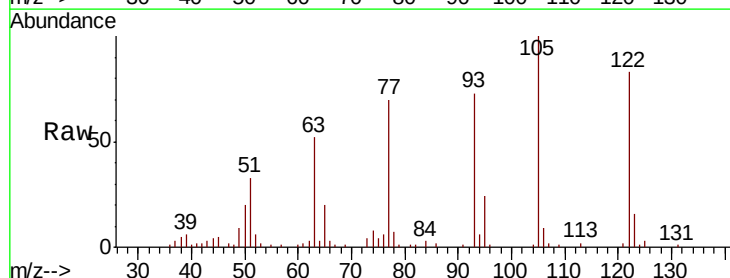
Tgt Ion:122 Resp: 64882

Ion Ratio Lower Upper

122 100

105 120.2 98.2 138.2

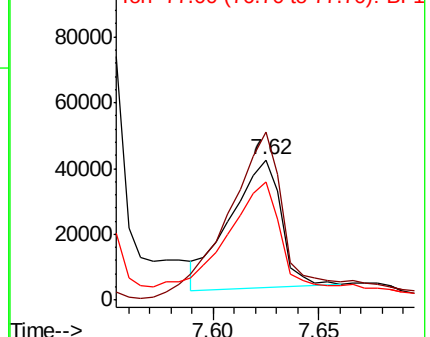
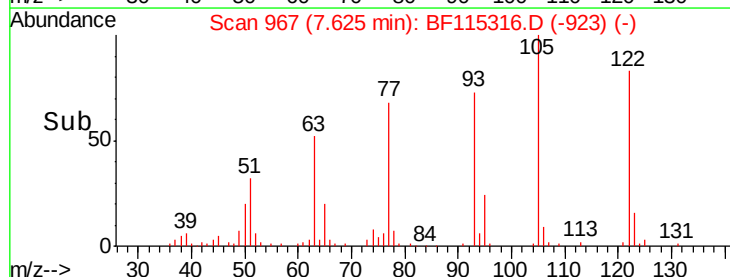
77 83.9 67.0 107.0

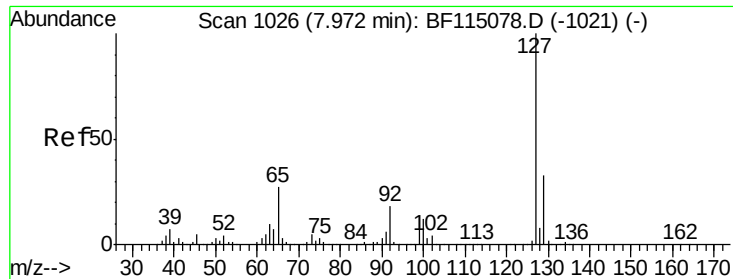


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

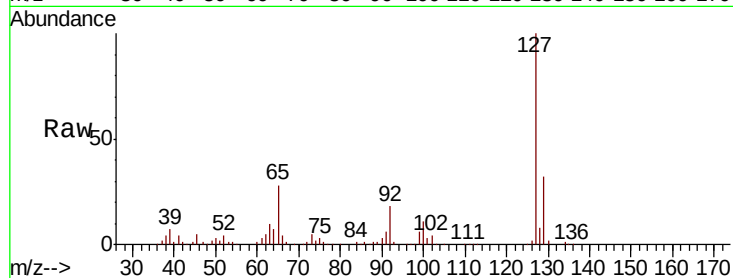




#33
4-Chloroaniline
Concen: 17.503 ng
RT: 7.95 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF115316.D
Acq: 29 Jun 2019 12:11

Instrument :
BNA_F
ClientSampleId :
SAMPLE-14MSD

Tgt Ion:	127	Resp:	270027
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.1	39.1
65	27.6	21.4	32.2
92	18.4	14.1	21.1



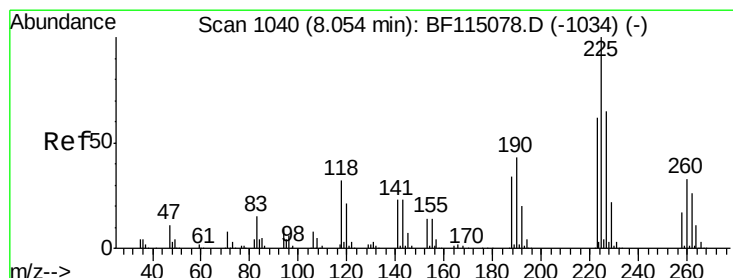
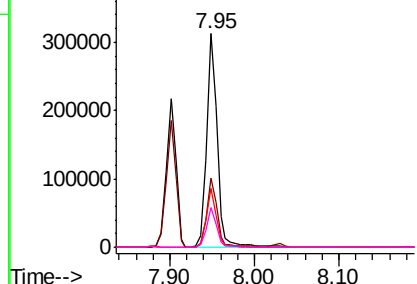
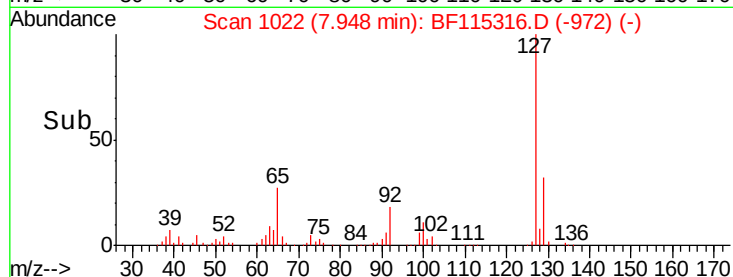
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

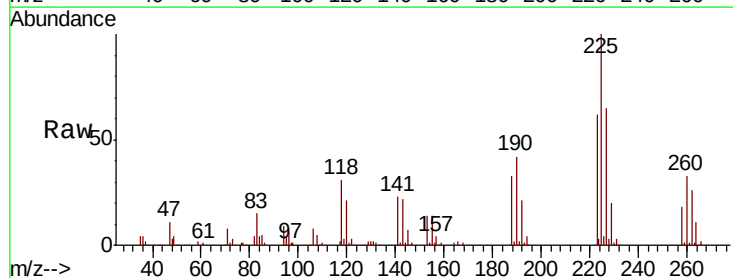
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 35.453 ng
RT: 8.03 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF115316.D
Acq: 29 Jun 2019 12:11

Tgt Ion:	225	Resp:	220542
Ion	Ratio	Lower	Upper
225	100		
223	62.1	49.4	74.2
227	64.9	51.8	77.8

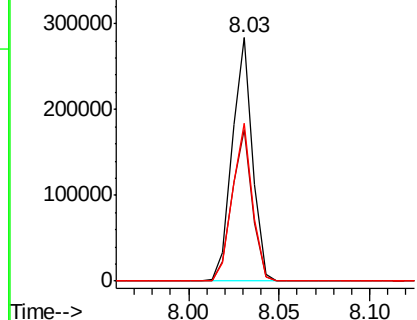
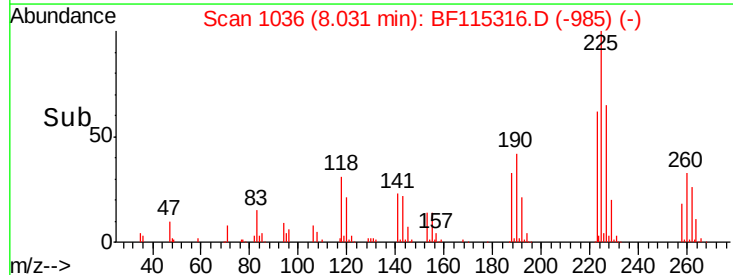


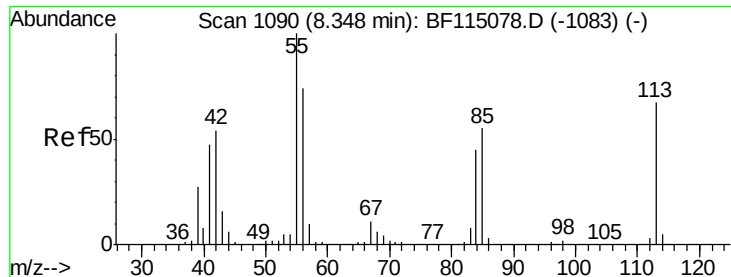
Abundance

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

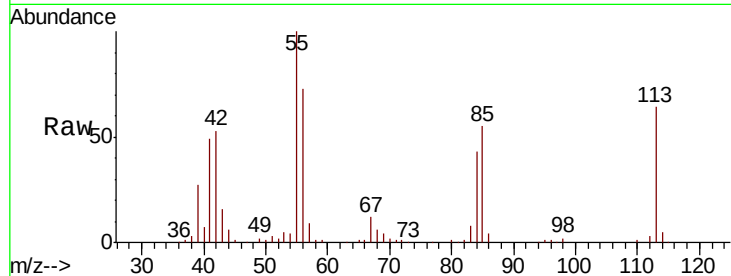




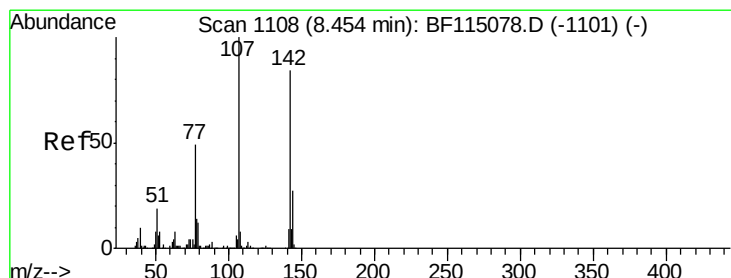
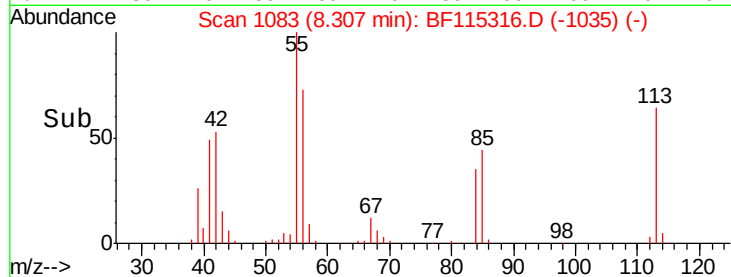
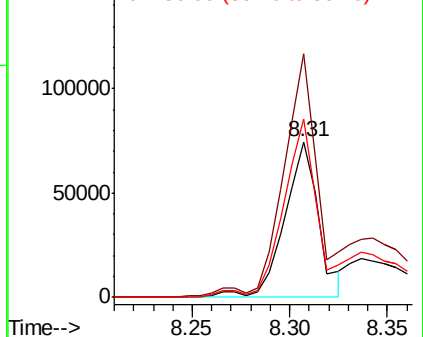
#35
 Caprolactam
 Concen: 25.955 ng
 RT: 8.31 min Scan# 1083
 Delta R.T. -0.02 min
 Lab File: BF115316.D
 Acq: 29 Jun 2019 12:11

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-14MSD

Tgt Ion:113 Resp: 89678
 Ion Ratio Lower Upper
 113 100
 55 156.8 130.2 170.2
 56 114.9 91.6 131.6

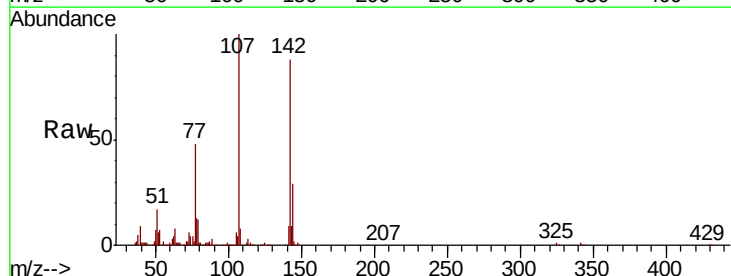


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

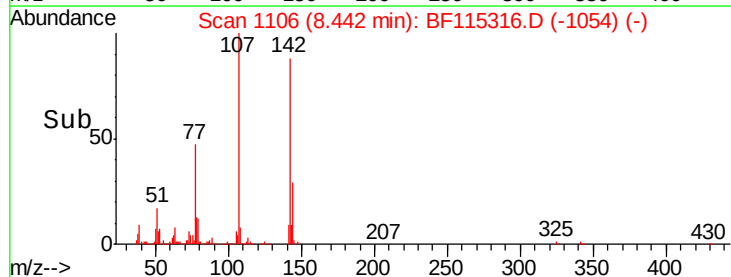
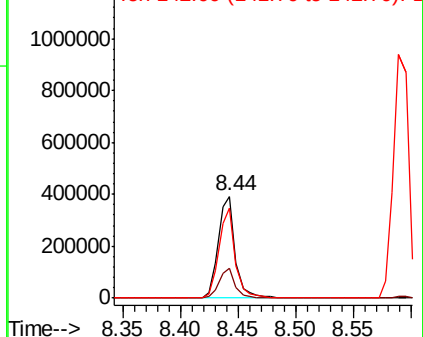


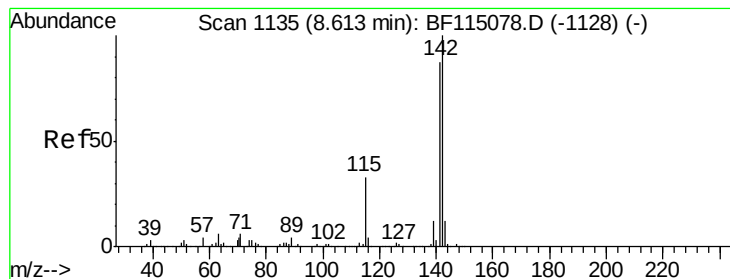
#36
 4-Chloro-3-methylphenol
 Concen: 38.364 ng
 RT: 8.44 min Scan# 1106
 Delta R.T. 0.01 min
 Lab File: BF115316.D
 Acq: 29 Jun 2019 12:11

Tgt Ion:107 Resp: 399279
 Ion Ratio Lower Upper
 107 100
 144 28.9 21.7 32.5
 142 88.2 67.0 100.4



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





#37

2-Methylnaphthalene

Concen: 38.203 ng

RT: 8.59 min Scan# 1131

Delta R.T. 0.00 min

Lab File: BF115316.D

Acq: 29 Jun 2019 12:11

Instrument :

BNA_F

ClientSampleId :

SAMPLE-14MSD

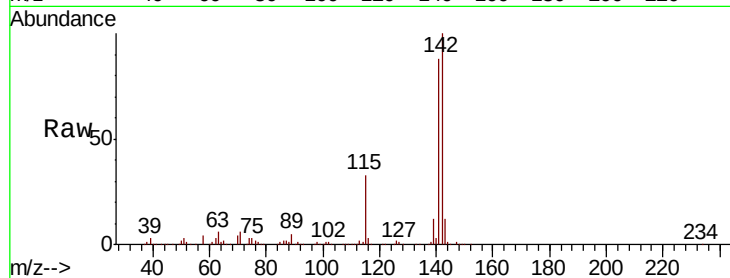
Tgt Ion:142 Resp: 869537

Ion Ratio Lower Upper

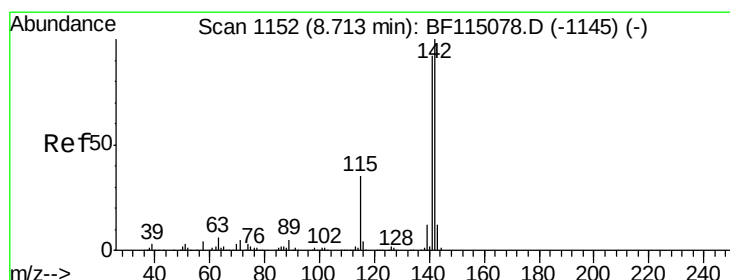
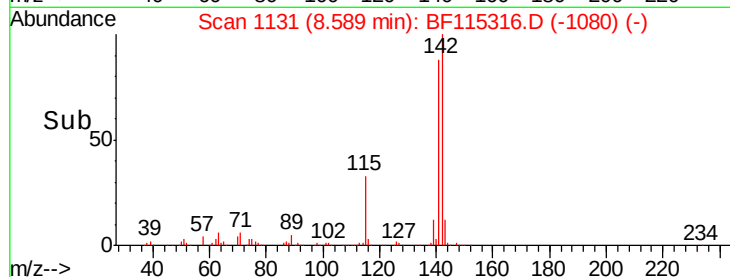
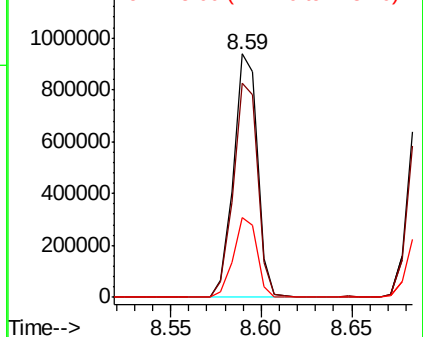
142 100

141 87.9 69.8 104.6

115 32.6 26.7 40.1



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: 37.578 ng

RT: 8.69 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BF115316.D

Acq: 29 Jun 2019 12:11

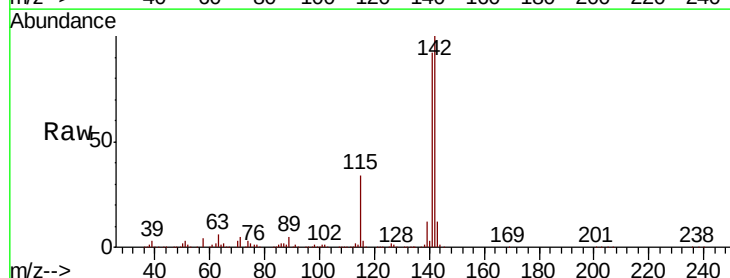
Tgt Ion:142 Resp: 816873

Ion Ratio Lower Upper

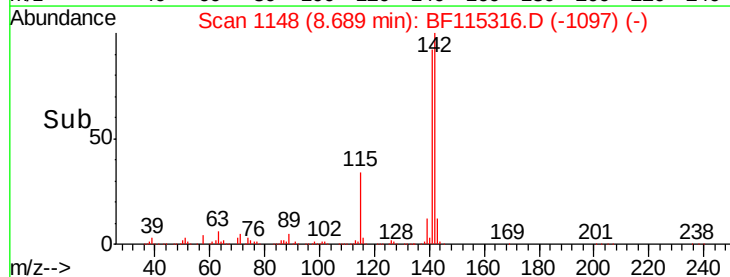
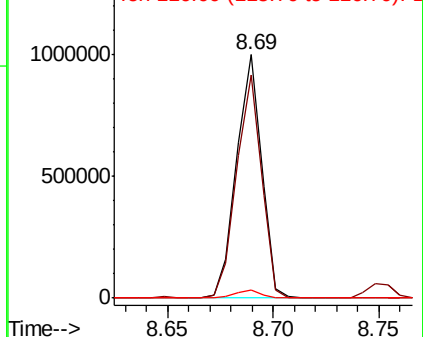
142 100

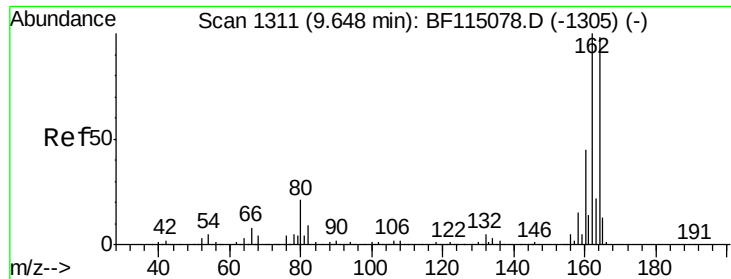
141 91.9 73.8 110.8

116 3.5 2.8 4.2



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

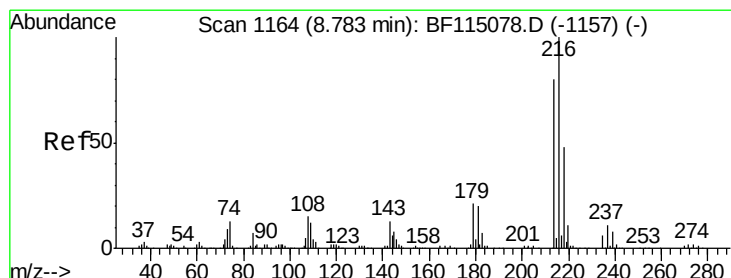
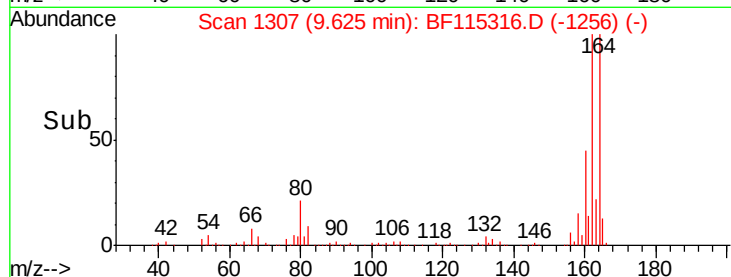
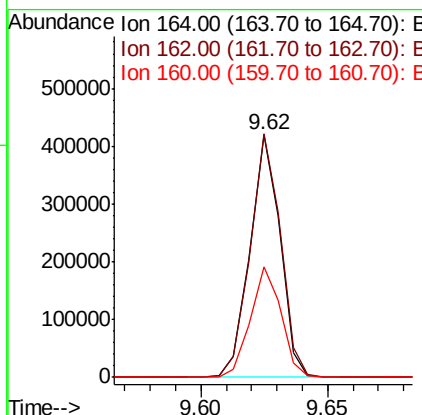
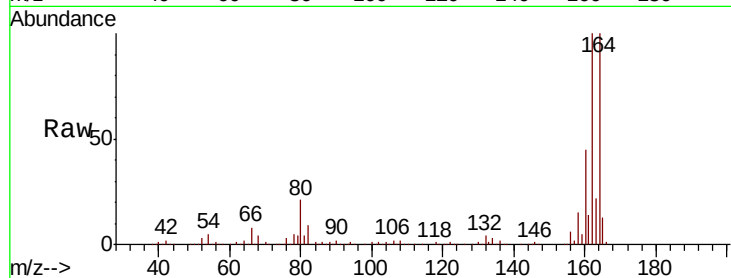




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.62 min Scan# 1307
 Delta R.T. 0.00 min
 Lab File: BF115316.D
 Acq: 29 Jun 2019 12:11

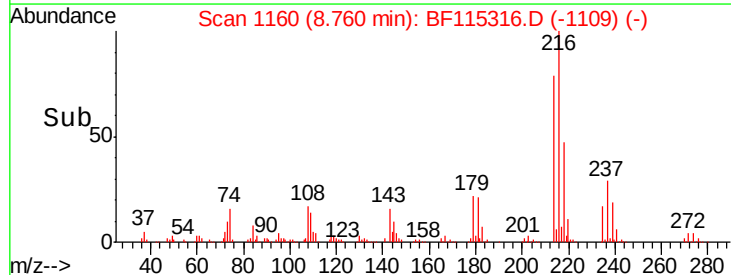
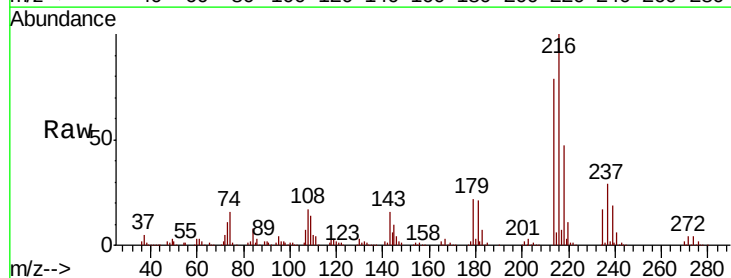
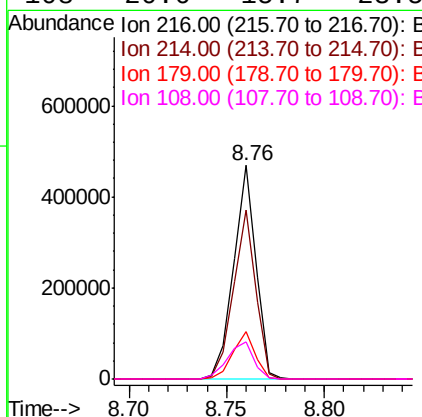
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-14MSD

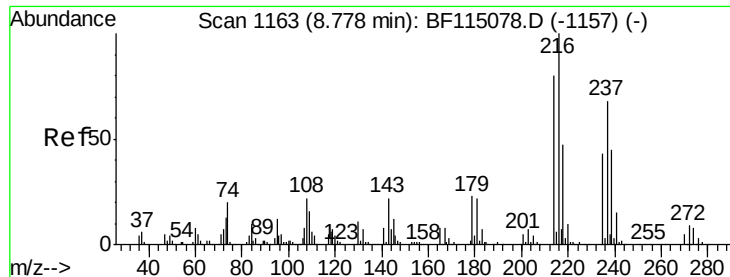
Tgt Ion:164 Resp: 347531
 Ion Ratio Lower Upper
 164 100
 162 100.2 81.7 122.5
 160 45.4 37.0 55.4



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.859 ng
 RT: 8.76 min Scan# 1160
 Delta R.T. 0.00 min
 Lab File: BF115316.D
 Acq: 29 Jun 2019 12:11

Tgt Ion:216 Resp: 371798
 Ion Ratio Lower Upper
 216 100
 214 79.1 63.8 95.6
 179 22.1 17.6 26.4
 108 20.6 15.7 23.5





#41

Hexachlorocyclopentadiene

Concen: 72.151 ng

RT: 8.75 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF115316.D

Acq: 29 Jun 2019 12:11

Instrument :

BNA_F

ClientSampleId :

SAMPLE-14MSD

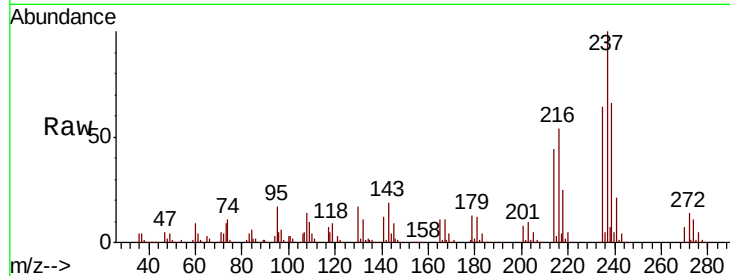
Tgt Ion: 237 Resp: 420155

Ion Ratio Lower Upper

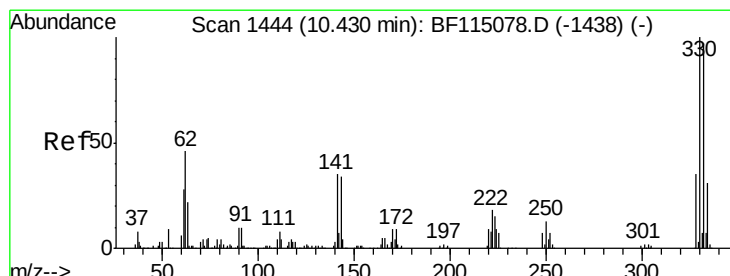
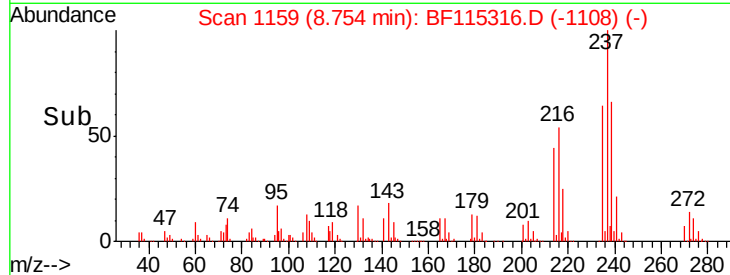
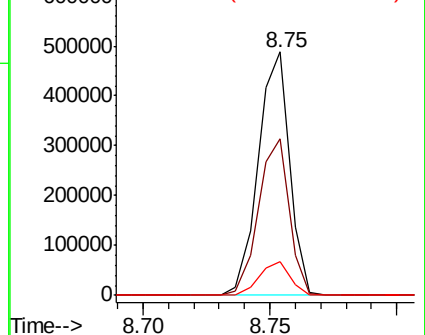
237 100

235 64.4 43.9 83.9

272 13.7 0.0 33.8



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



#42

2,4,6-Tribromophenol

Concen: 125.352 ng

RT: 10.41 min Scan# 1441

Delta R.T. 0.01 min

Lab File: BF115316.D

Acq: 29 Jun 2019 12:11

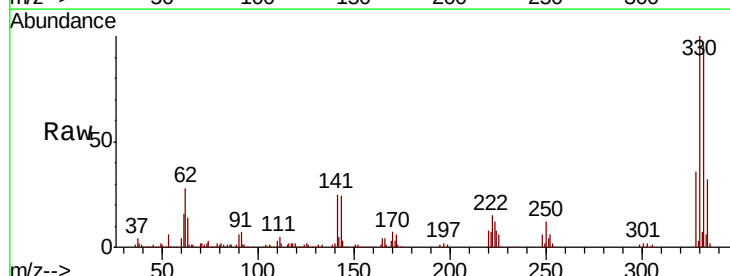
Tgt Ion: 330 Resp: 459395

Ion Ratio Lower Upper

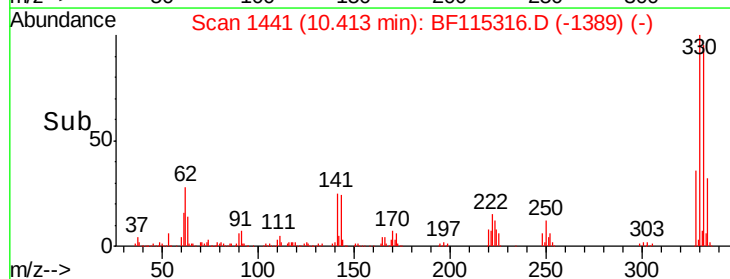
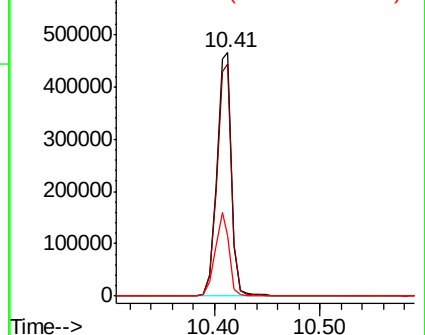
330 100

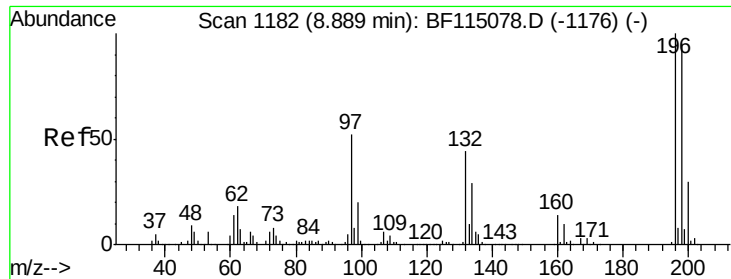
332 95.2 77.3 115.9

141 32.5 28.2 42.2



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

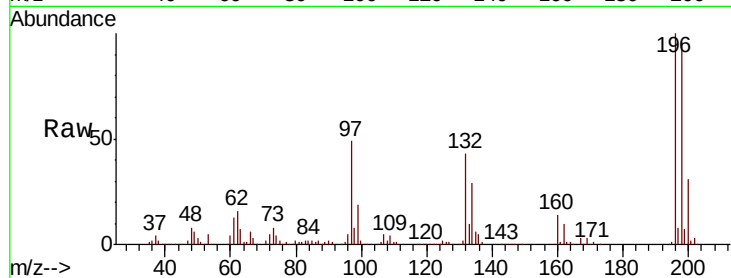




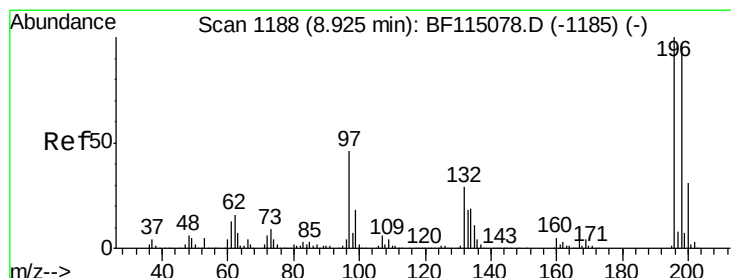
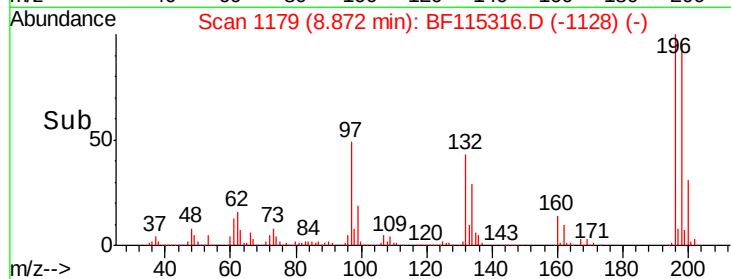
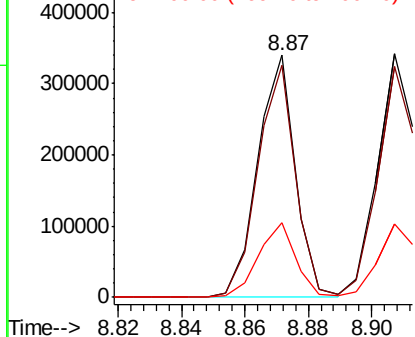
#43
 2,4,6-Trichlorophenol
 Concen: 37.002 ng
 RT: 8.87 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: BF115316.D
 Acq: 29 Jun 2019 12:11

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-14MSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.8	76.3	114.5
200	30.7	24.2	36.4



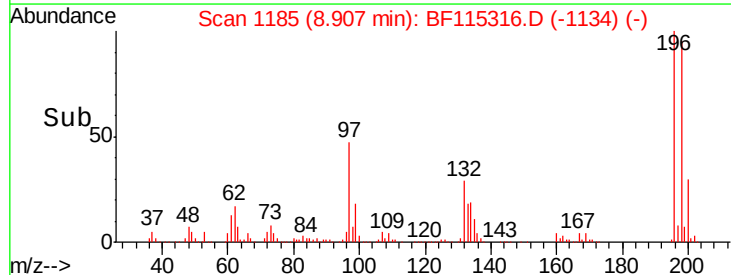
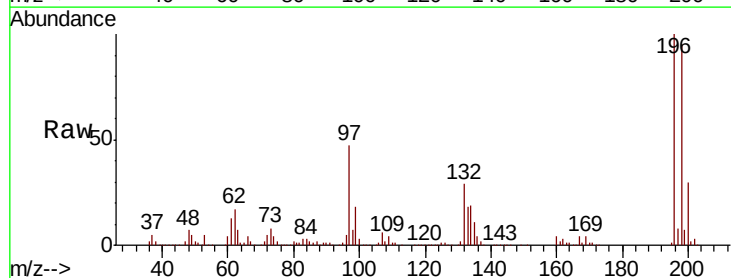
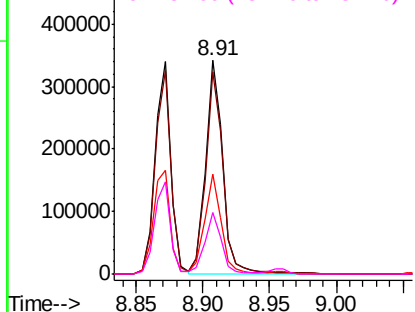
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

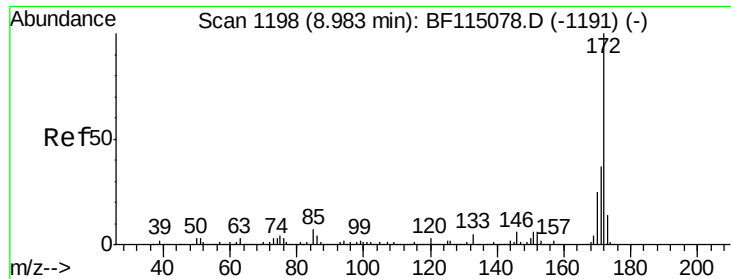


#44
 2,4,5-Trichlorophenol
 Concen: 39.209 ng
 RT: 8.91 min Scan# 1185
 Delta R.T. 0.00 min
 Lab File: BF115316.D
 Acq: 29 Jun 2019 12:11

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.9	77.1	115.7
97	46.6	37.7	56.5
132	28.7	23.1	34.7

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

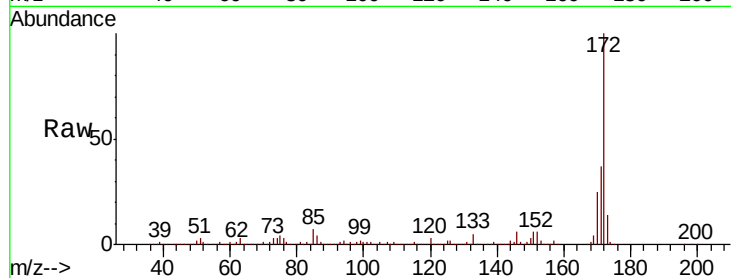




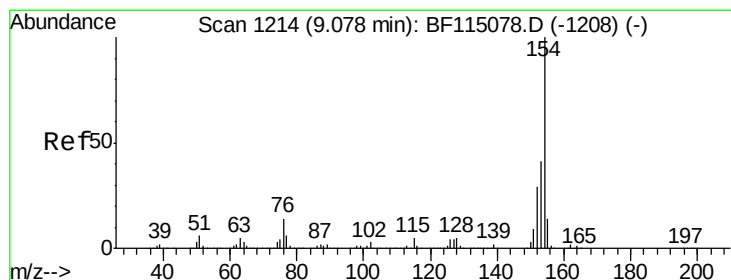
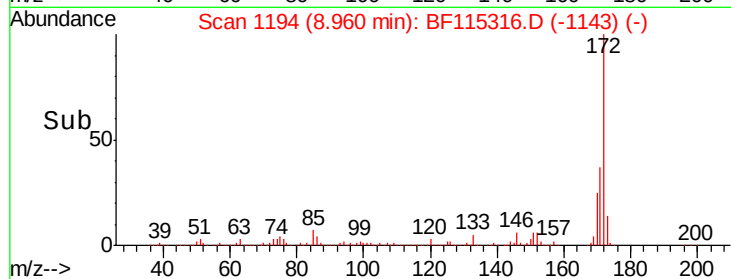
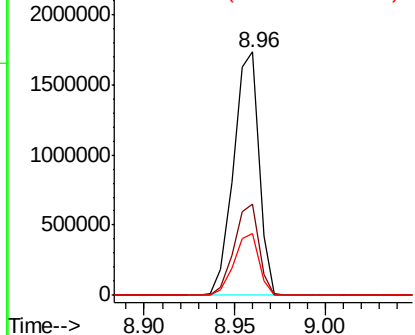
#45
 2-Fluorobiphenyl
 Concen: 82.777 ng
 RT: 8.96 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF115316.D
 Acq: 29 Jun 2019 12:11

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-14MSD

Tgt Ion:172 Resp: 1693591
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.8 44.6
 170 25.4 20.3 30.5

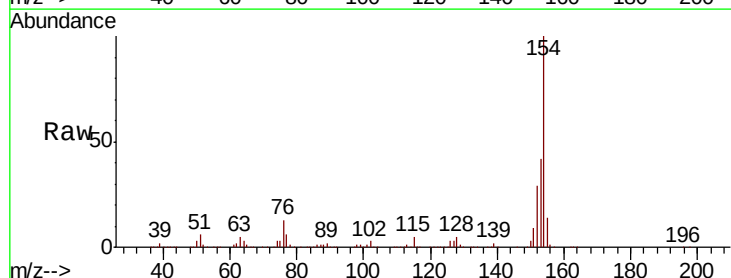


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

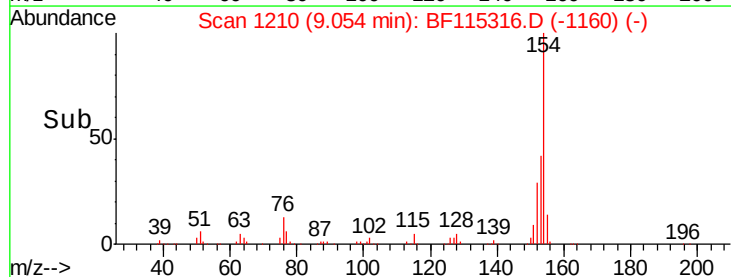
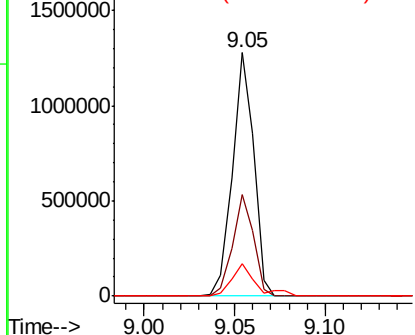


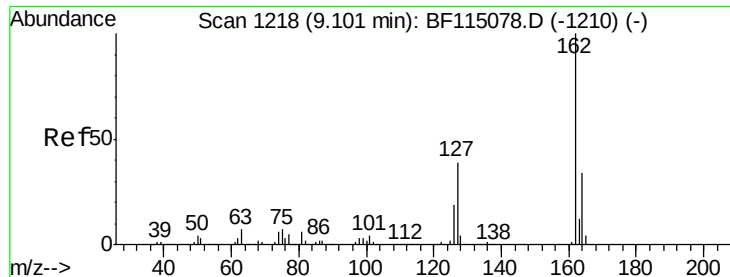
#46
 1,1'-Biphenyl
 Concen: 37.576 ng
 RT: 9.05 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF115316.D
 Acq: 29 Jun 2019 12:11

Tgt Ion:154 Resp: 1044897
 Ion Ratio Lower Upper
 154 100
 153 41.6 20.9 60.9
 76 13.3 0.0 34.1



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

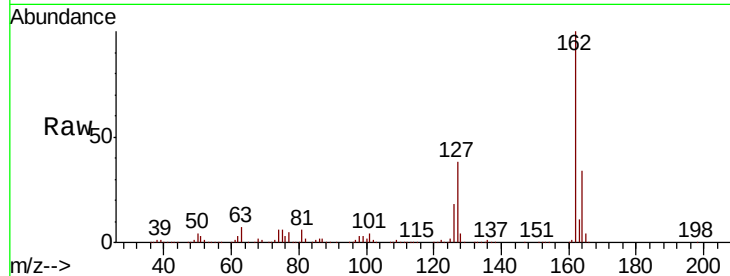




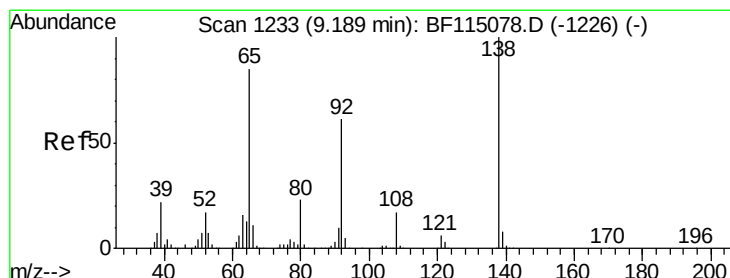
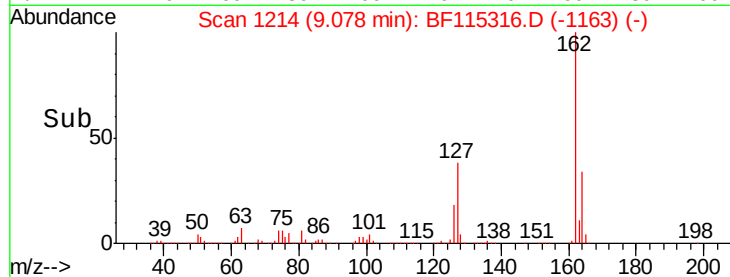
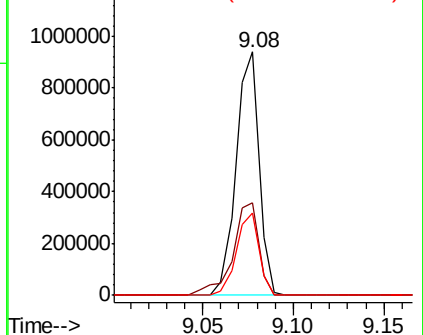
#47
2-Chloronaphthalene
Concen: 36.743 ng
RT: 9.08 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BF115316.D
Acq: 29 Jun 2019 12:11

Instrument :
BNA_F
ClientSampleId :
SAMPLE-14MSD

Tgt Ion: 162 Resp: 828768
Ion Ratio Lower Upper
162 100
127 38.3 30.8 46.2
164 33.9 27.0 40.4

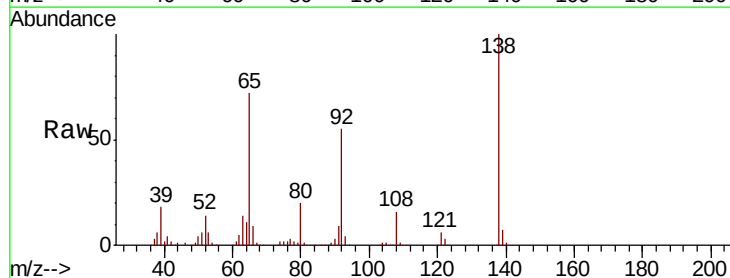


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

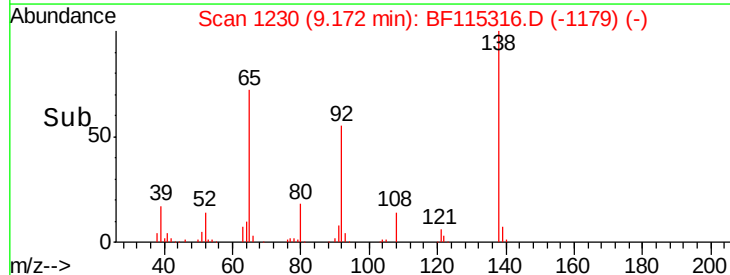
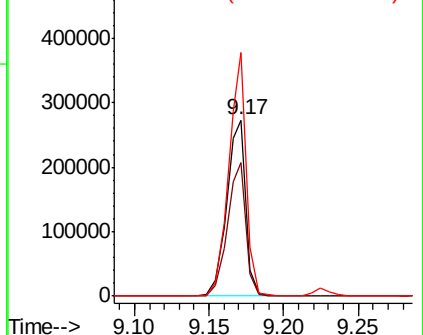


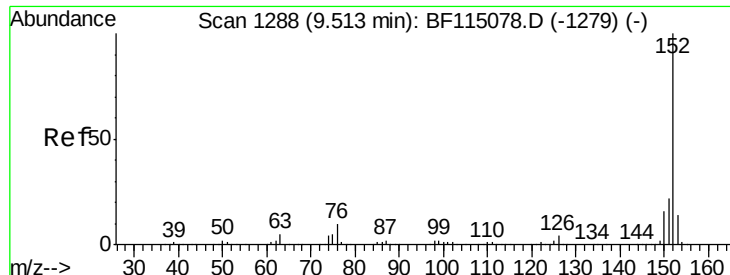
#48
2-Nitroaniline
Concen: 37.516 ng
RT: 9.17 min Scan# 1230
Delta R.T. 0.00 min
Lab File: BF115316.D
Acq: 29 Jun 2019 12:11

Tgt Ion: 65 Resp: 246710
Ion Ratio Lower Upper
65 100
92 76.1 57.4 86.2
138 138.2 94.1 141.1



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





#49

Acenaphthylene

Concen: 37.421 ng

RT: 9.49 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BF115316.D

Acq: 29 Jun 2019 12:11

Instrument :

BNA_F

ClientSampleId :

SAMPLE-14MSD

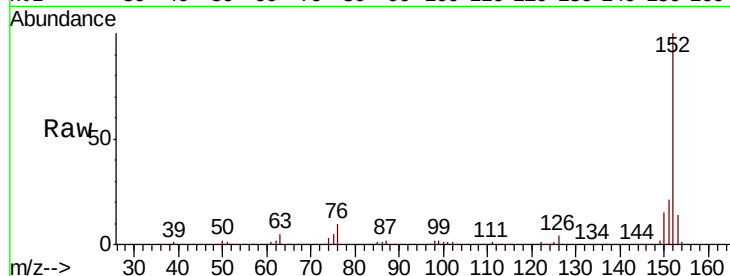
Tgt Ion:152 Resp: 1315084

Ion Ratio Lower Upper

152 100

151 20.9 17.2 25.8

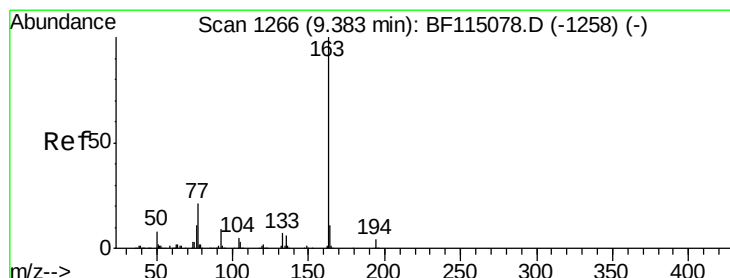
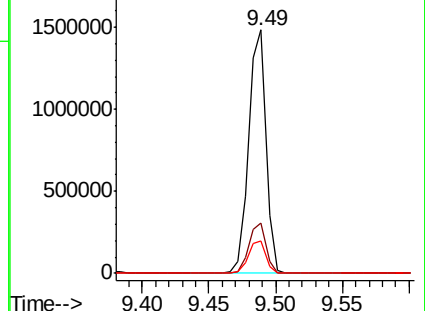
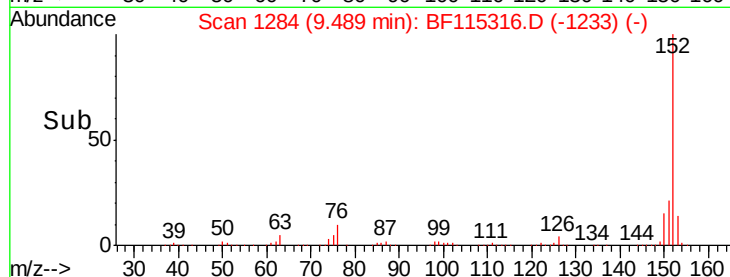
153 13.6 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 48.372 ng

RT: 9.36 min Scan# 1262

Delta R.T. 0.00 min

Lab File: BF115316.D

Acq: 29 Jun 2019 12:11

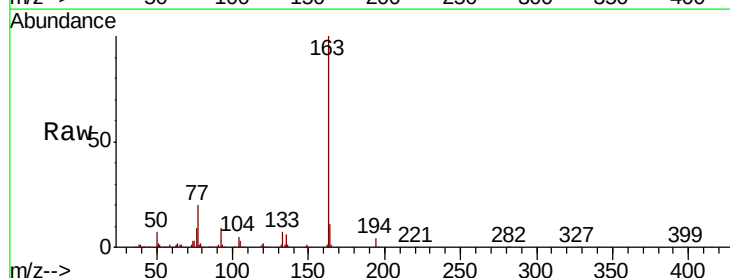
Tgt Ion:163 Resp: 1236817

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

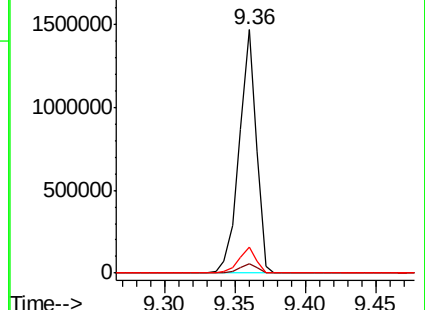
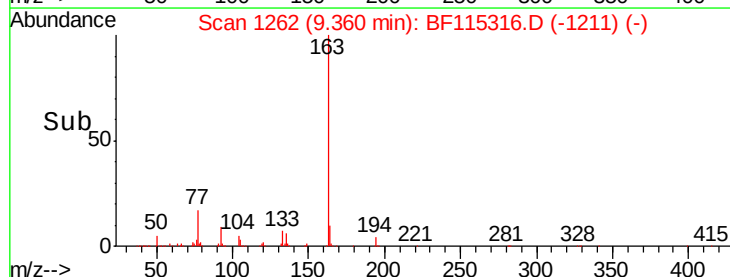
164 10.6 8.6 13.0

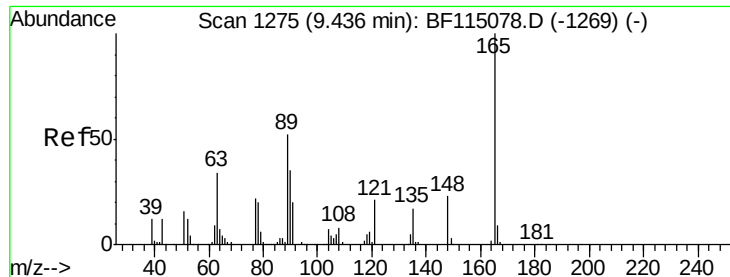


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

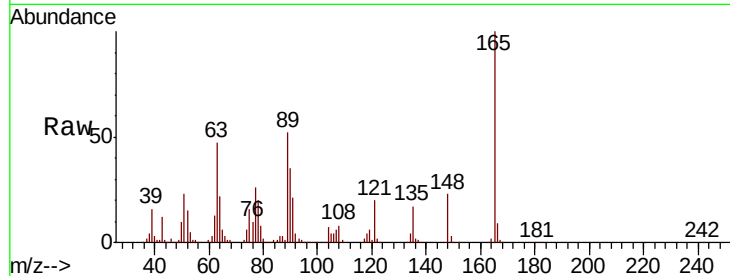




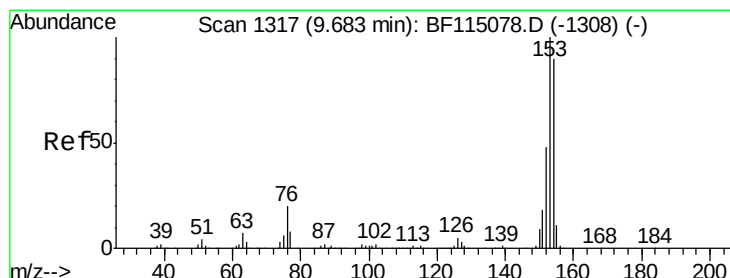
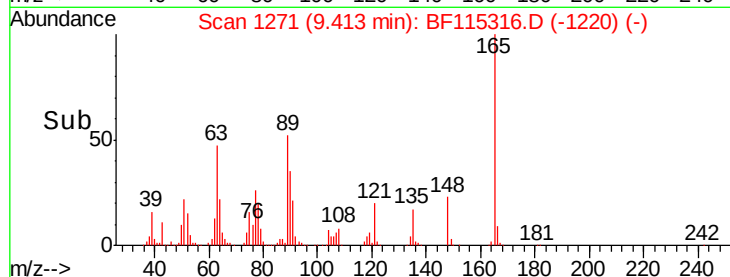
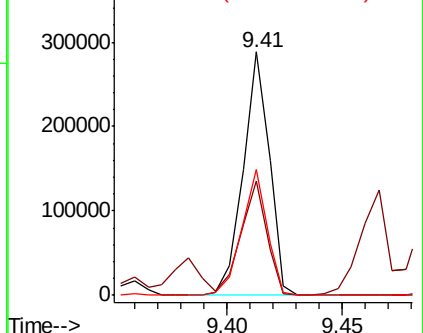
#51
 2,6-Dinitrotoluene
 Concen: 38.737 ng
 RT: 9.41 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: BF115316.D
 Acq: 29 Jun 2019 12:11

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-14MSD

Tgt Ion	Ratio	Lower	Upper
165	100		
63	47.2	39.4	59.2
89	51.8	42.0	63.0

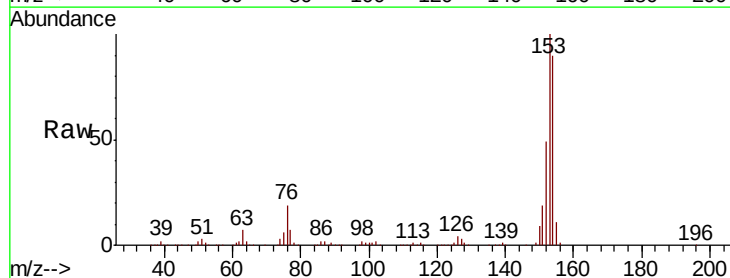


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

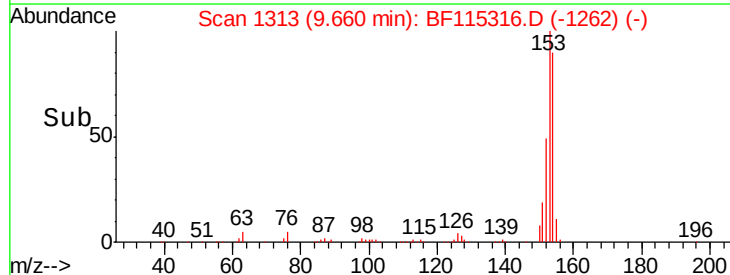
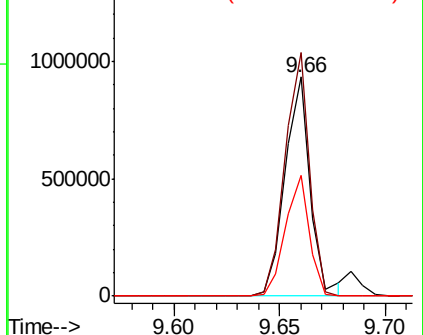


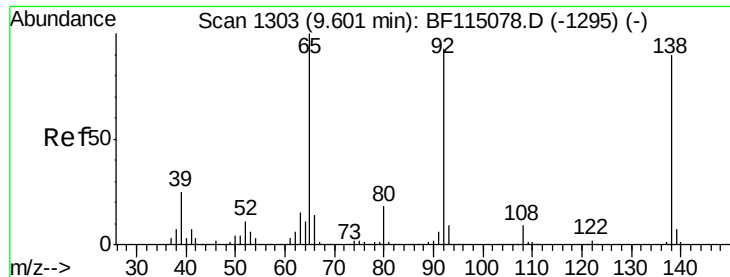
#52
 Acenaphthene
 Concen: 35.305 ng
 RT: 9.66 min Scan# 1313
 Delta R.T. 0.00 min
 Lab File: BF115316.D
 Acq: 29 Jun 2019 12:11

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.3	88.7	133.1
152	55.0	42.6	64.0



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

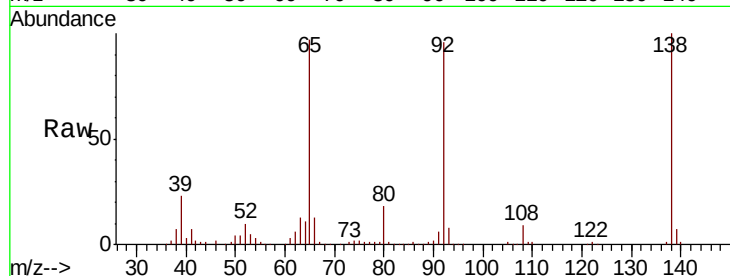




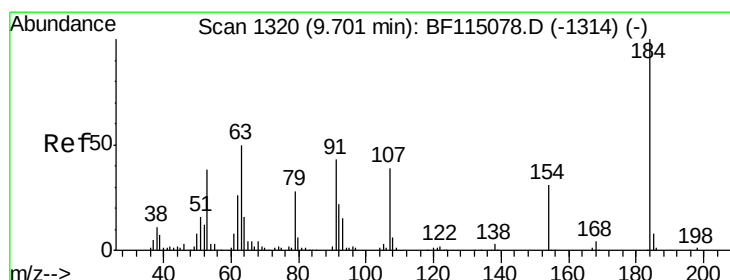
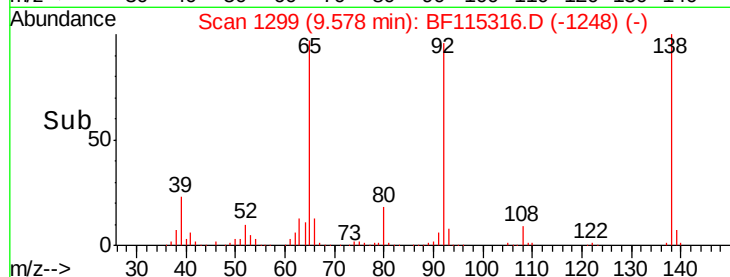
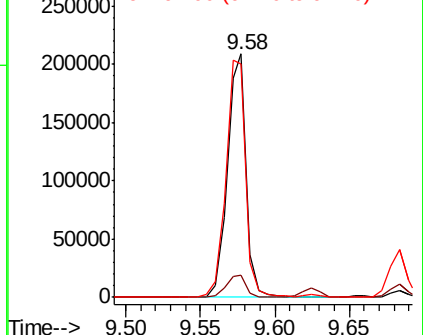
#53
 3-Nitroaniline
 Concen: 25.778 ng
 RT: 9.58 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BF115316.D
 Acq: 29 Jun 2019 12:11

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-14MSD

Tgt Ion:138 Resp: 185695
 Ion Ratio Lower Upper
 138 100
 108 9.2 7.8 11.6
 92 95.9 82.9 124.3

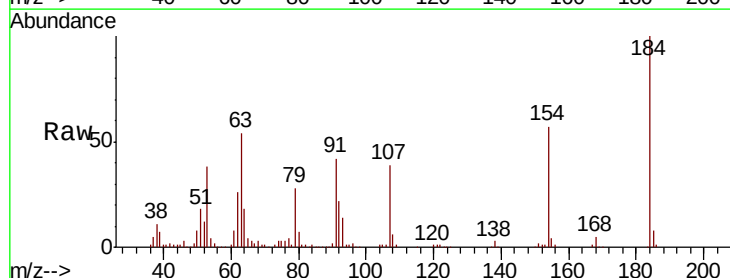


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

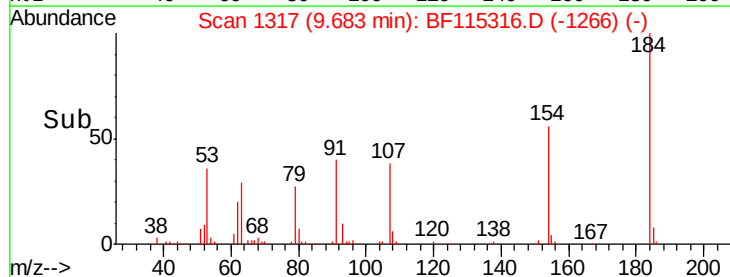
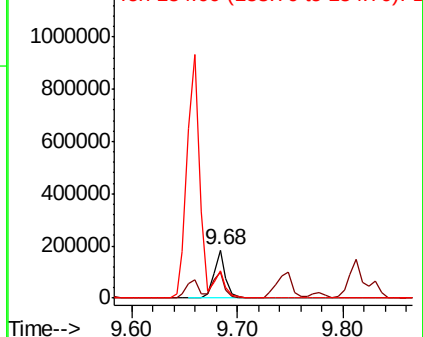


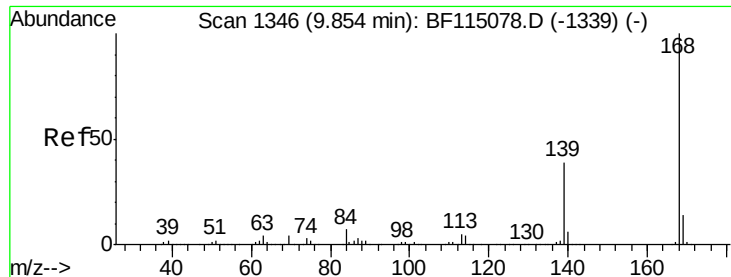
#54
 2,4-Dinitrophenol
 Concen: 50.157 ng
 RT: 9.68 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: BF115316.D
 Acq: 29 Jun 2019 12:11

Tgt Ion:184 Resp: 143190
 Ion Ratio Lower Upper
 184 100
 63 53.8 41.9 62.9
 154 56.7 44.7 67.1



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





#55

Dibenzenofuran

Concen: 36.702 ng

RT: 9.83 min Scan# 1342

Delta R.T. 0.00 min

Lab File: BF115316.D

Acq: 29 Jun 2019 12:11

Instrument :

BNA_F

ClientSampleId :

SAMPLE-14MSD

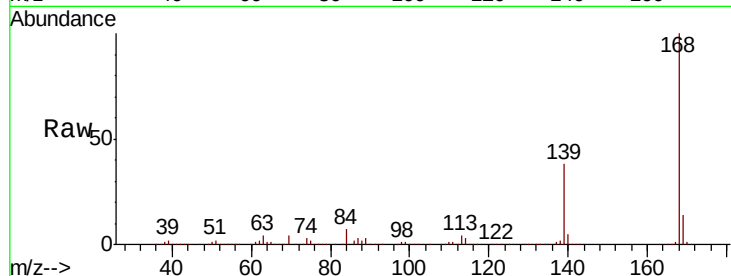
Tgt Ion:168 Resp: 1158408

Ion Ratio Lower Upper

168 100

139 37.6 31.1 46.7

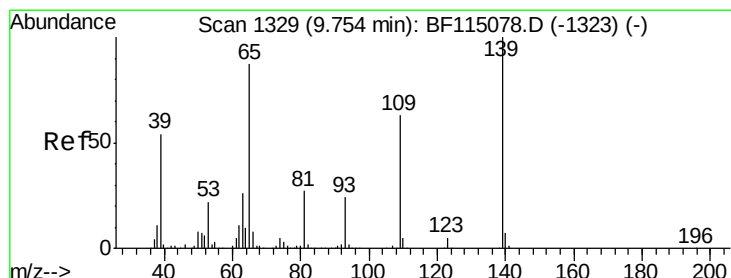
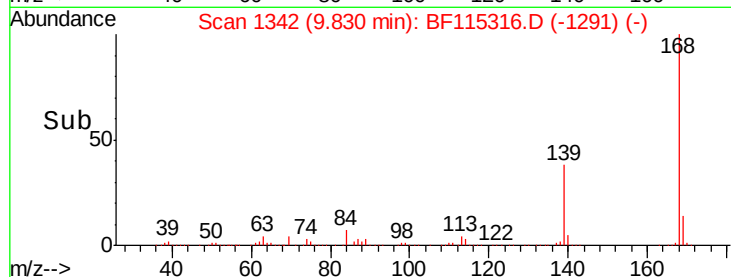
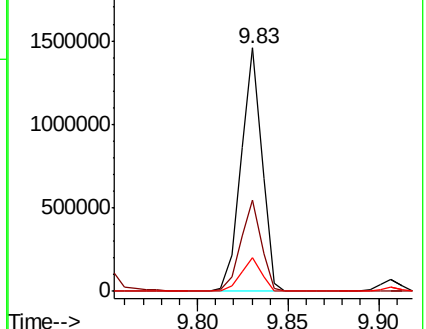
169 13.8 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 74.417 ng

RT: 9.75 min Scan# 1328

Delta R.T. 0.01 min

Lab File: BF115316.D

Acq: 29 Jun 2019 12:11

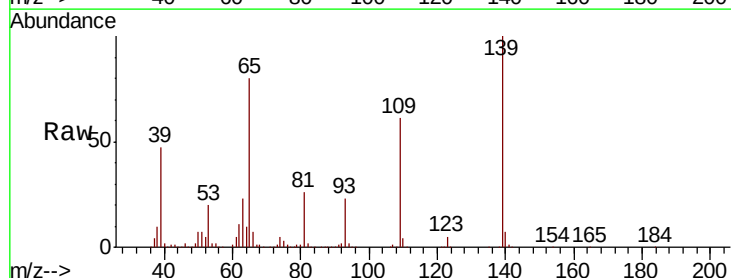
Tgt Ion:139 Resp: 429765

Ion Ratio Lower Upper

139 100

109 61.1 43.0 83.0

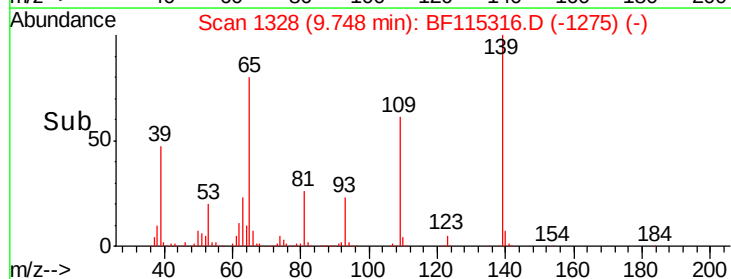
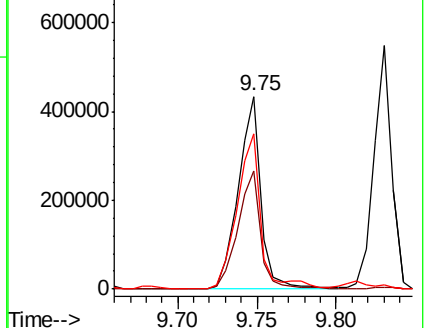
65 80.3 67.0 107.0

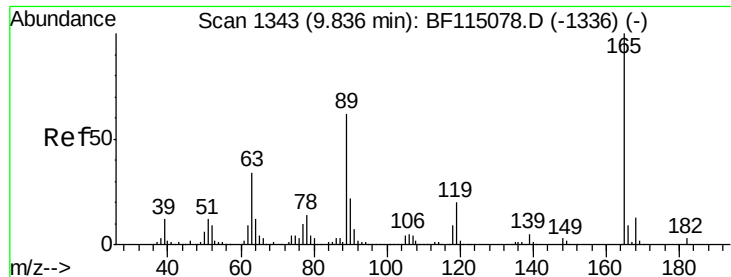


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

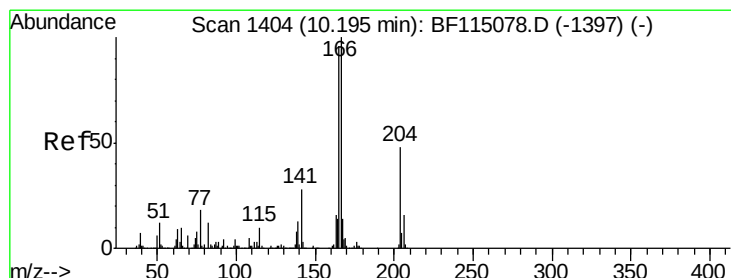
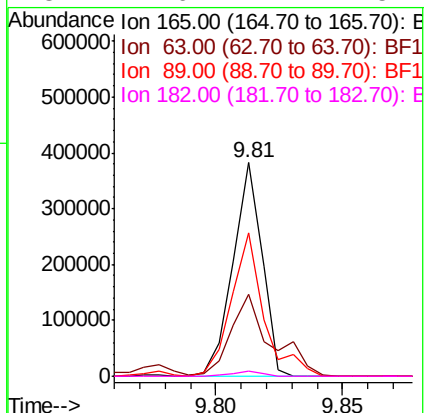
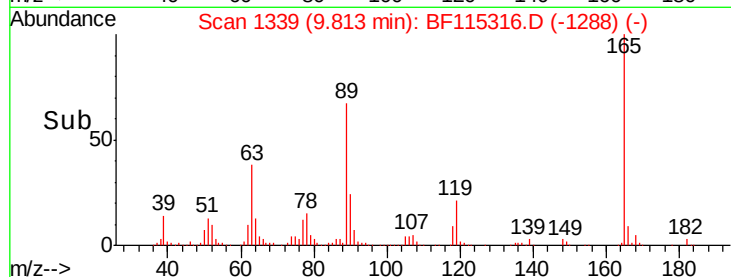
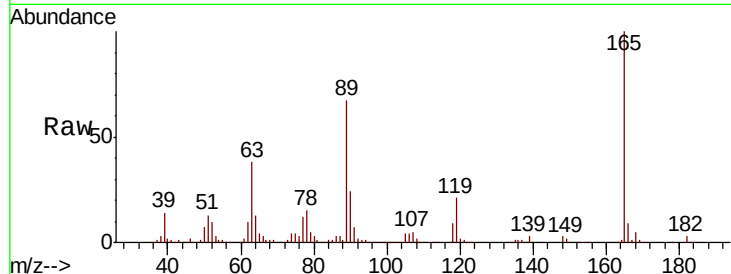




#57
2,4-Dinitrotoluene
Concen: 39.912 ng
RT: 9.81 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF115316.D
Acq: 29 Jun 2019 12:11

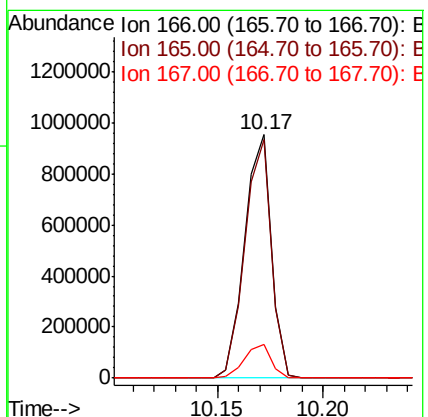
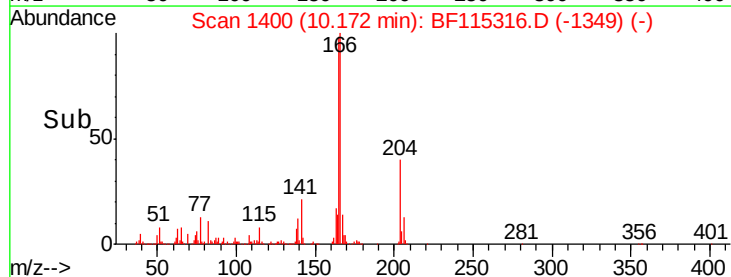
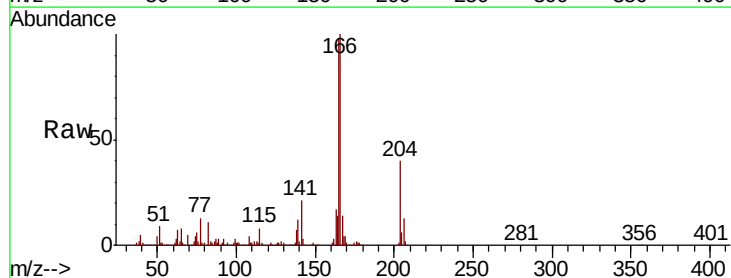
Instrument :
BNA_F
ClientSampleId :
SAMPLE-14MSD

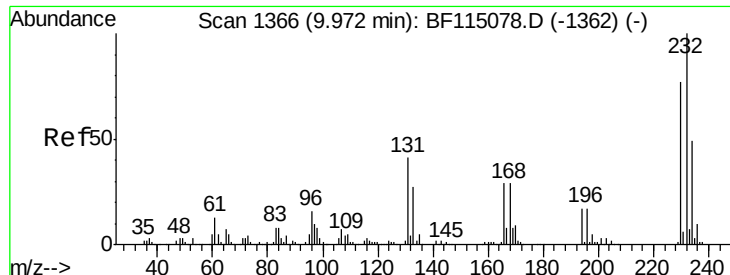
Tgt Ion	Ratio	Lower	Upper
165	100		
63	38.4	27.5	41.3
89	67.0	49.9	74.9
182	2.6	2.1	3.1



#58
Fluorene
Concen: 38.977 ng
RT: 10.17 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BF115316.D
Acq: 29 Jun 2019 12:11

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.9	76.5	114.7
167	13.8	11.0	16.4

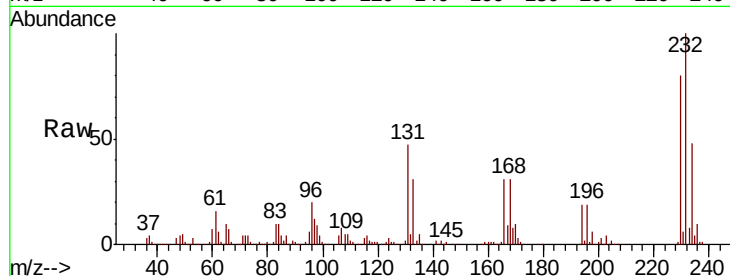




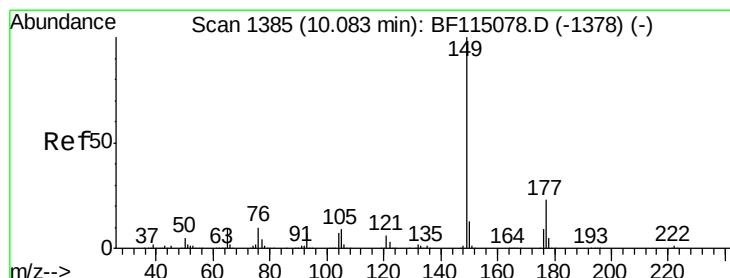
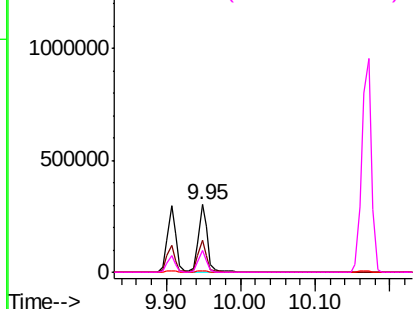
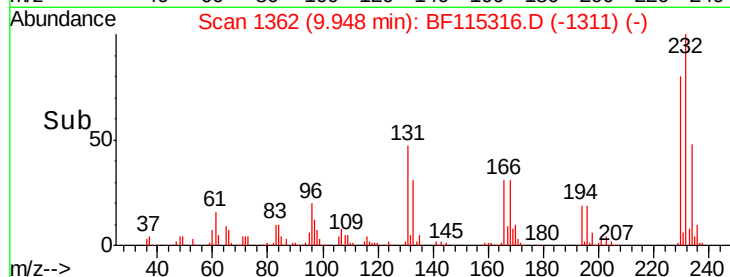
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.438 ng
 RT: 9.95 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: BF115316.D
 Acq: 29 Jun 2019 12:11

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-14MSD

Tgt Ion:	232	Resp:	258206
Ion Ratio	Lower	Upper	
232	100		
131	43.9	37.4	56.0
130	2.1	1.8	2.6
166	29.1	24.6	36.8

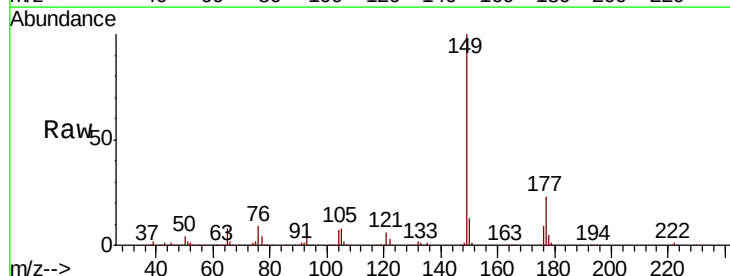


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

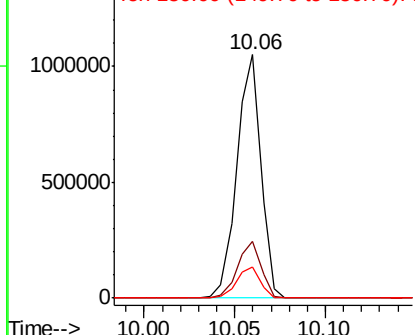
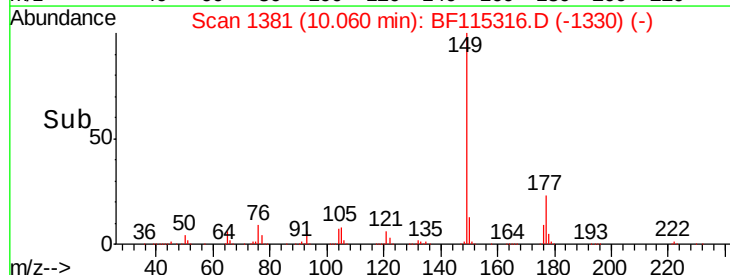


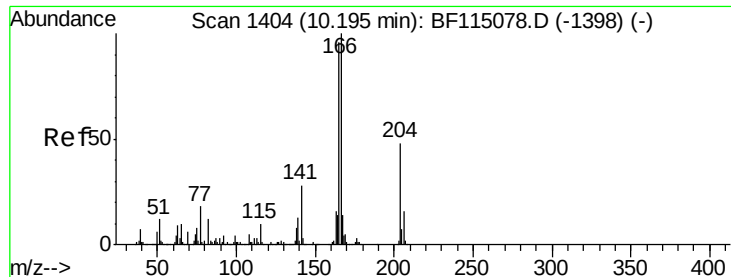
#60
 Diethylphthalate
 Concen: 37.649 ng
 RT: 10.06 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: BF115316.D
 Acq: 29 Jun 2019 12:11

Tgt Ion:	149	Resp:	967644
Ion Ratio	Lower	Upper	
149	100		
177	23.4	18.7	28.1
150	12.9	10.4	15.6



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

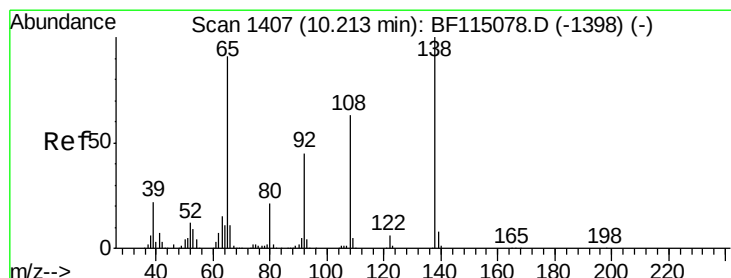
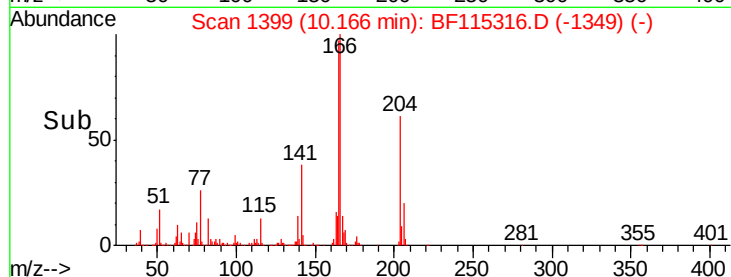
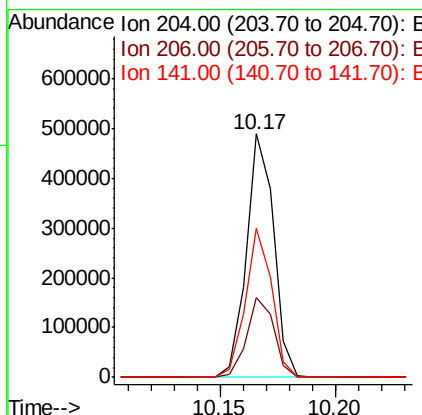
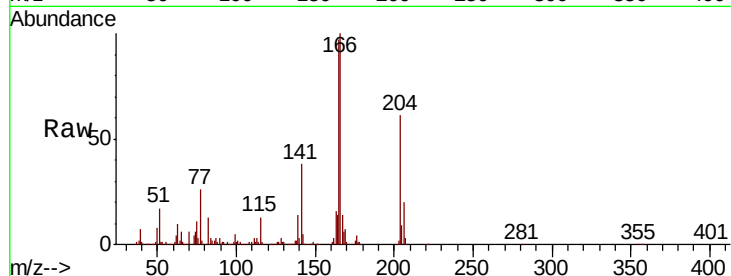




#61
 4-Chlorophenyl-phenylether
 Concen: 39.740 ng
 RT: 10.17 min Scan# 1399
 Delta R.T. -0.01 min
 Lab File: BF115316.D
 Acq: 29 Jun 2019 12:11

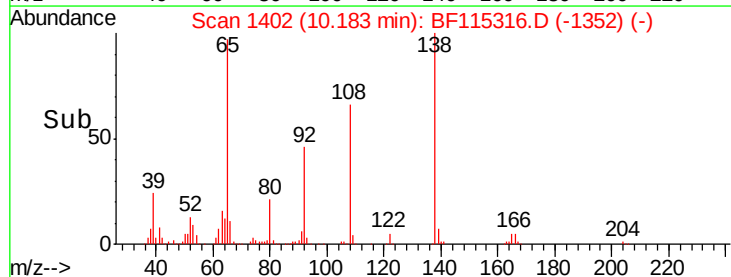
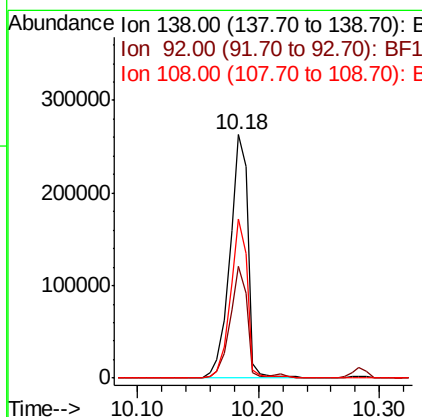
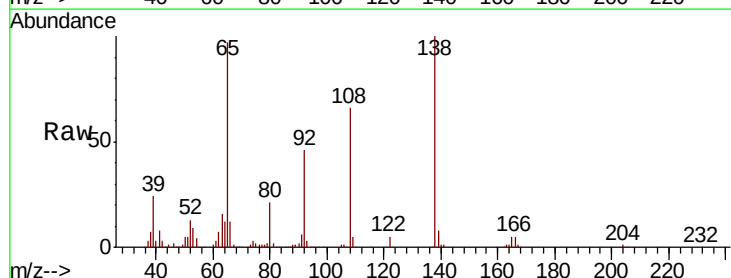
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-14MSD

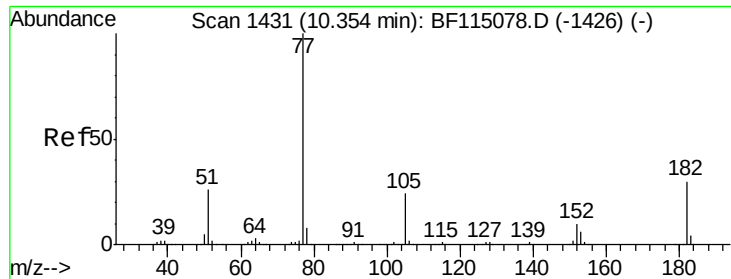
Tgt Ion: 204 Resp: 404799
 Ion Ratio Lower Upper
 204 100
 206 32.6 26.6 40.0
 141 61.1 46.7 70.1



#62
 4-Nitroaniline
 Concen: 37.791 ng
 RT: 10.18 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF115316.D
 Acq: 29 Jun 2019 12:11

Tgt Ion: 138 Resp: 273100
 Ion Ratio Lower Upper
 138 100
 92 45.9 24.8 64.8
 108 65.5 43.3 83.3

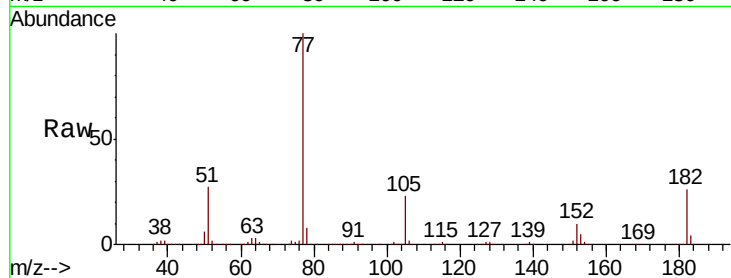




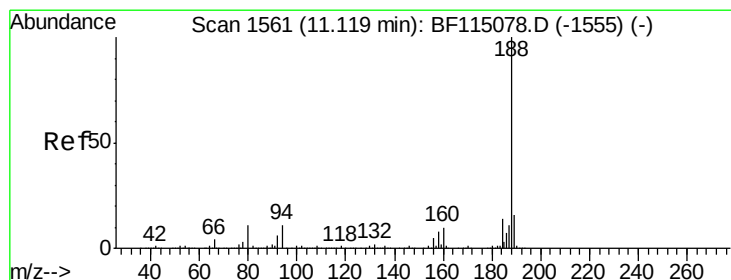
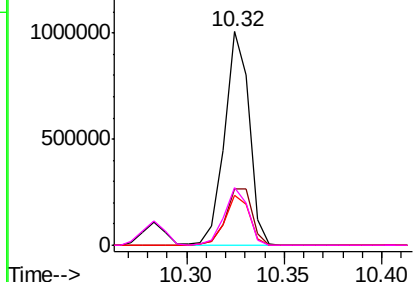
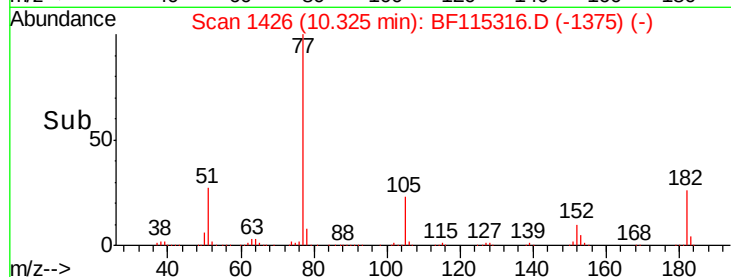
#63
Azobenzene
Concen: 36.524 ng
RT: 10.32 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF115316.D
Acq: 29 Jun 2019 12:11

Instrument :
BNA_F
ClientSampleId :
SAMPLE-14MSD

Tgt Ion: 77 Resp: 876814
Ion Ratio Lower Upper
77 100
182 26.5 10.1 50.1
105 23.3 4.5 44.5
51 26.9 6.4 46.4

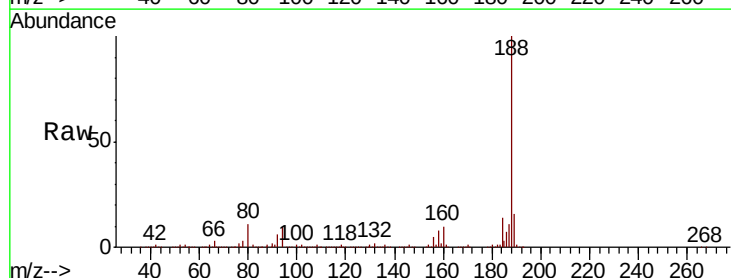


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

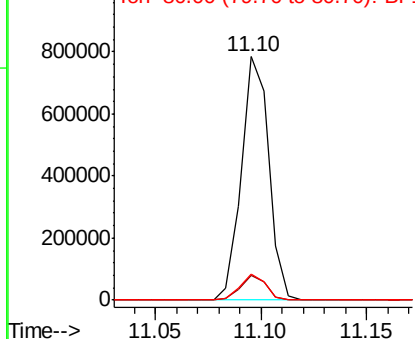
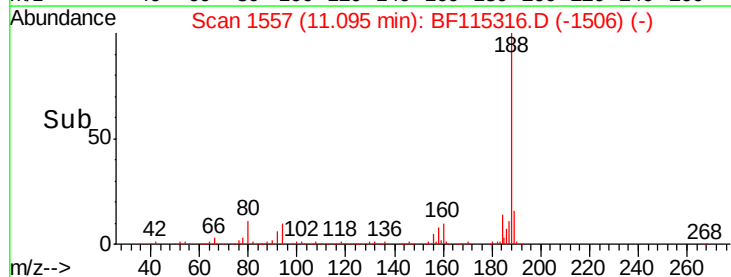


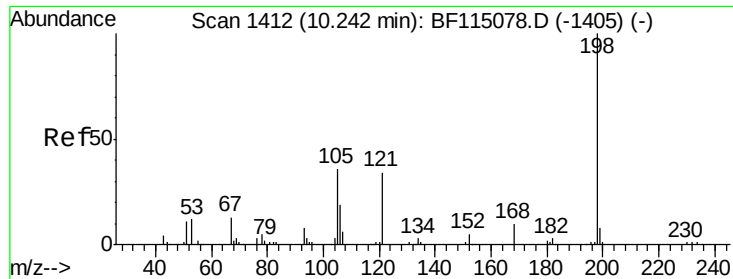
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.10 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF115316.D
Acq: 29 Jun 2019 12:11

Tgt Ion: 188 Resp: 704655
Ion Ratio Lower Upper
188 100
94 10.2 8.6 12.8
80 10.7 8.8 13.2



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





#65

4,6-Dinitro-2-methylphenol

Concen: 37.326 ng

RT: 10.22 min Scan# 1408

Delta R.T. 0.00 min

Lab File: BF115316.D

Acq: 29 Jun 2019 12:11

Instrument :

BNA_F

ClientSampleId :

SAMPLE-14MSD

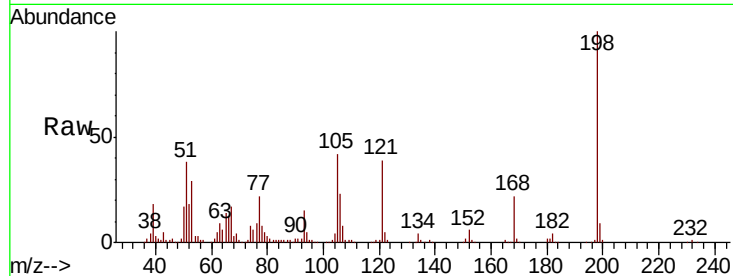
Tgt Ion:198 Resp: 135338

Ion Ratio Lower Upper

198 100

51 38.5 11.0 51.0

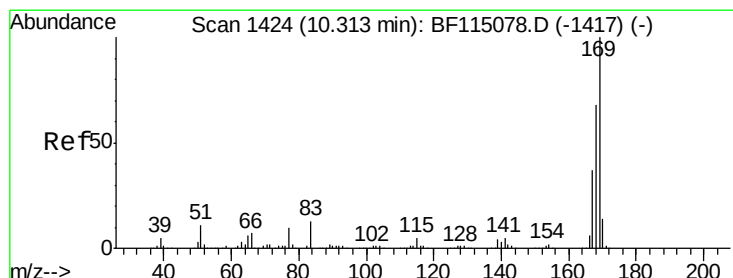
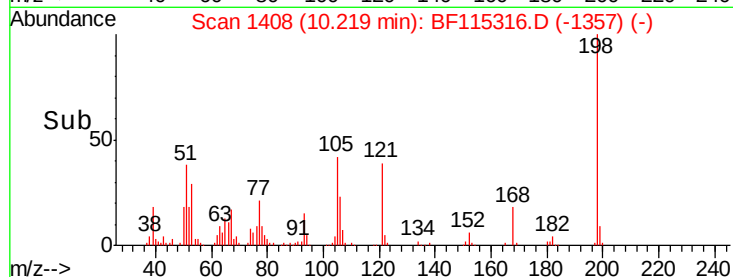
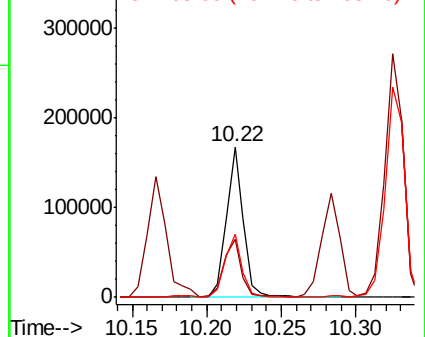
105 42.3 17.3 57.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 36.920 ng

RT: 10.28 min Scan# 1419

Delta R.T. 0.00 min

Lab File: BF115316.D

Acq: 29 Jun 2019 12:11

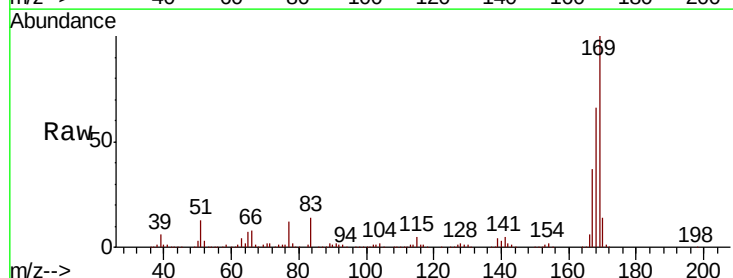
Tgt Ion:169 Resp: 810516

Ion Ratio Lower Upper

169 100

168 66.4 54.2 81.4

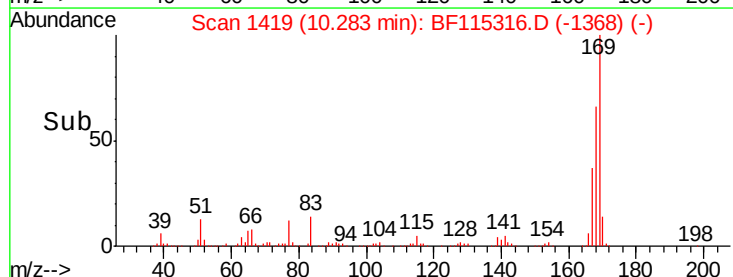
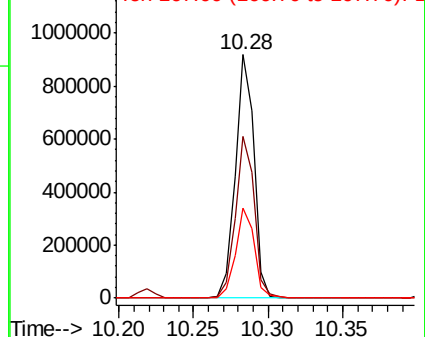
167 36.7 29.4 44.0

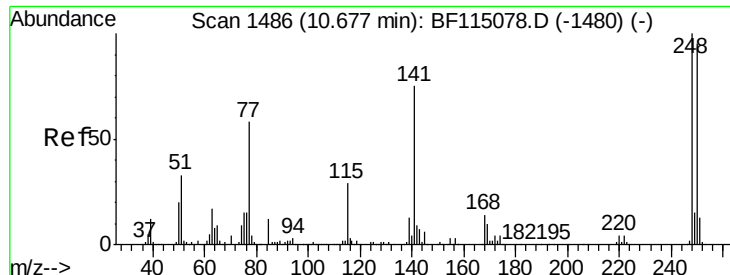


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

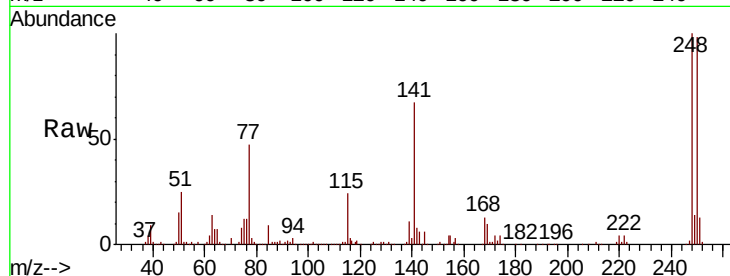




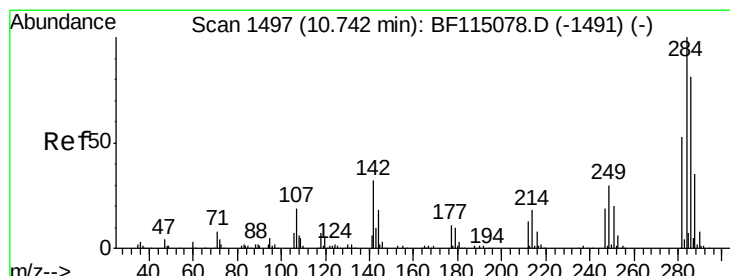
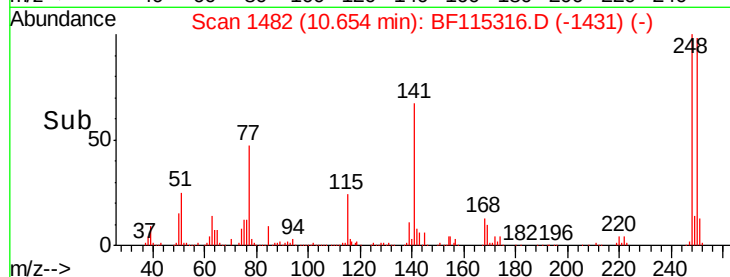
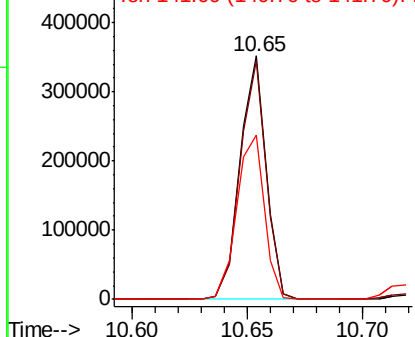
#67
4-Bromophenyl-phenylether
Concen: 36.528 ng
RT: 10.65 min Scan# 1482
Delta R.T. 0.00 min
Lab File: BF115316.D
Acq: 29 Jun 2019 12:11

Instrument :
BNA_F
ClientSampleId :
SAMPLE-14MSD

Tgt Ion:248 Resp: 279073
Ion Ratio Lower Upper
248 100
250 98.0 76.2 114.2
141 67.3 59.6 89.4

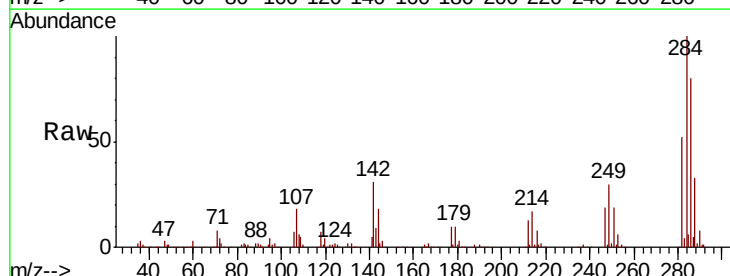


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

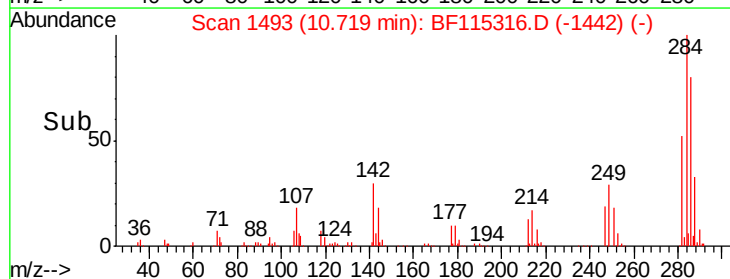
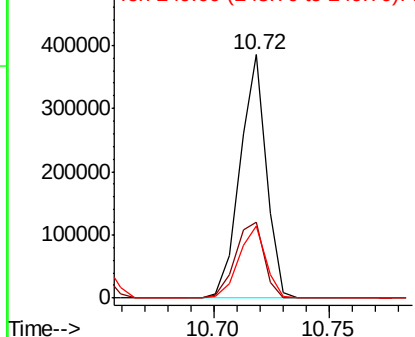


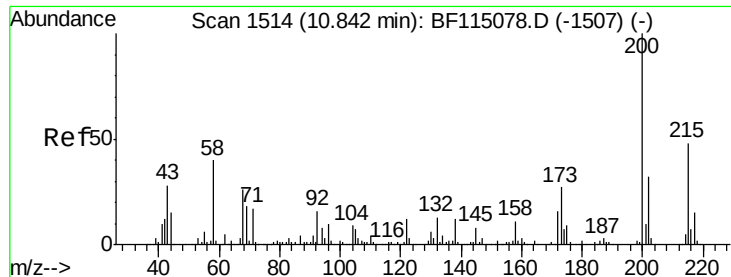
#68
Hexachlorobenzene
Concen: 36.740 ng
RT: 10.72 min Scan# 1493
Delta R.T. 0.00 min
Lab File: BF115316.D
Acq: 29 Jun 2019 12:11

Tgt Ion:284 Resp: 304674
Ion Ratio Lower Upper
284 100
142 30.9 25.8 38.8
249 29.7 24.2 36.4



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

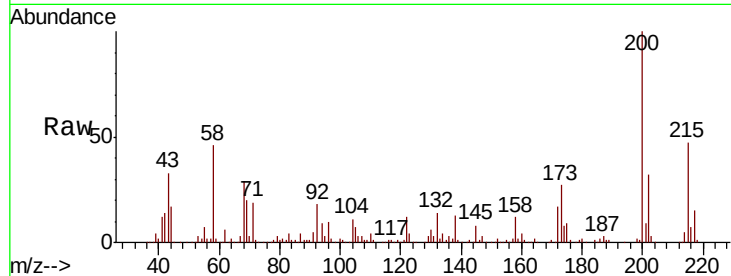




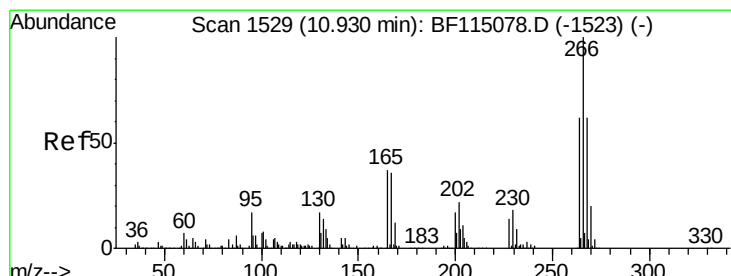
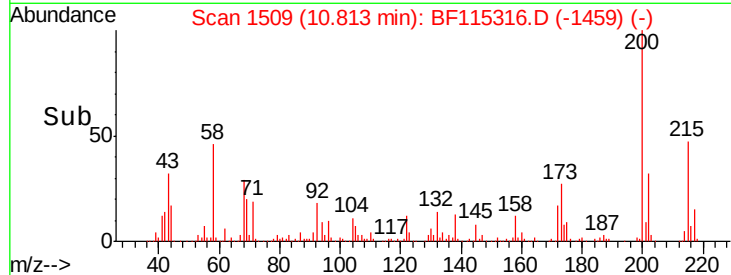
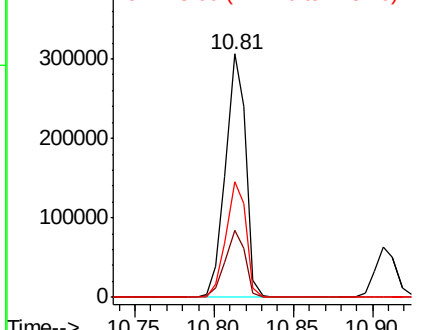
#69
 Atrazine
 Concen: 38.290 ng
 RT: 10.81 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: BF115316.D
 Acq: 29 Jun 2019 12:11

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-14MSD

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.5	7.4	47.4
215	47.4	27.8	67.8

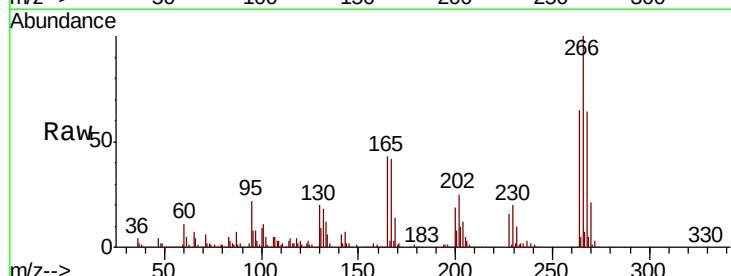


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

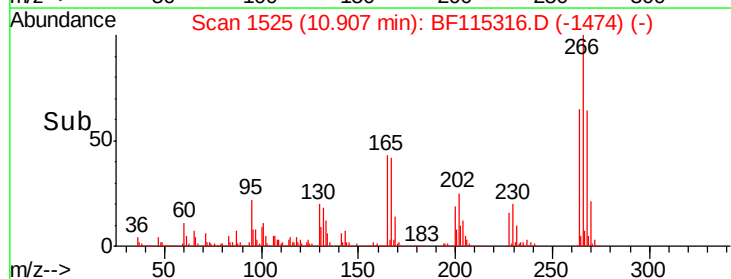
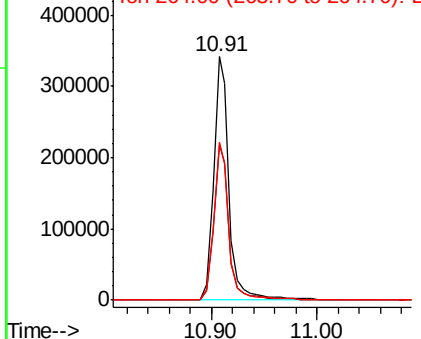


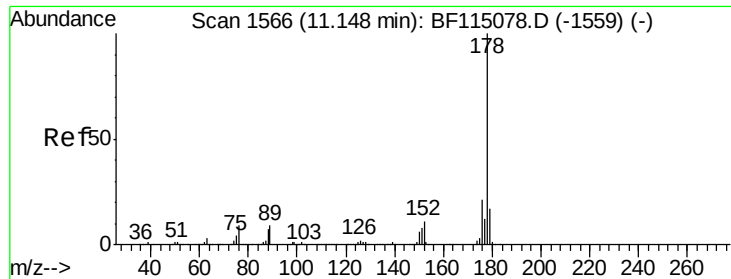
#70
 Pentachlorophenol
 Concen: 66.625 ng
 RT: 10.91 min Scan# 1525
 Delta R.T. 0.00 min
 Lab File: BF115316.D
 Acq: 29 Jun 2019 12:11

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	49.5	74.3
264	64.8	49.3	73.9



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

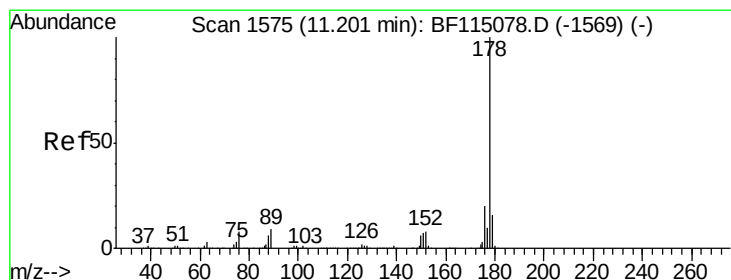
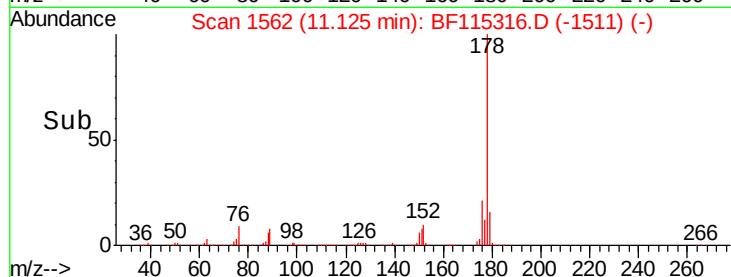
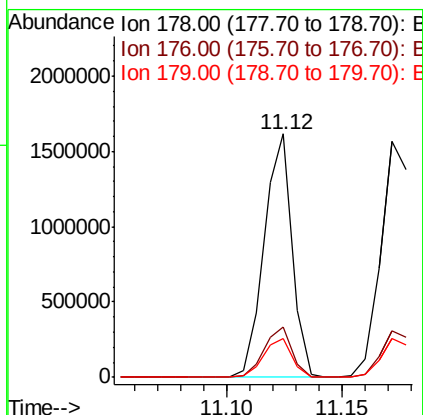
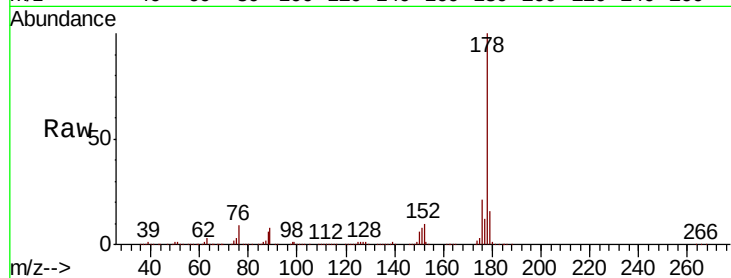




#71
Phenanthrene
Concen: 35.920 ng
RT: 11.12 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF115316.D
Acq: 29 Jun 2019 12:11

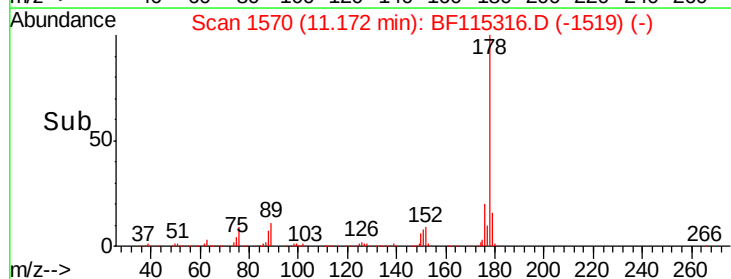
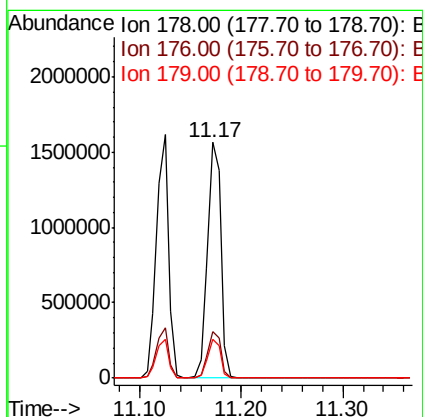
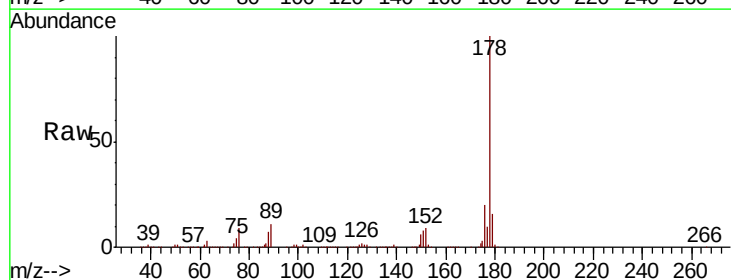
Instrument :
BNA_F
ClientSampleId :
SAMPLE-14MSD

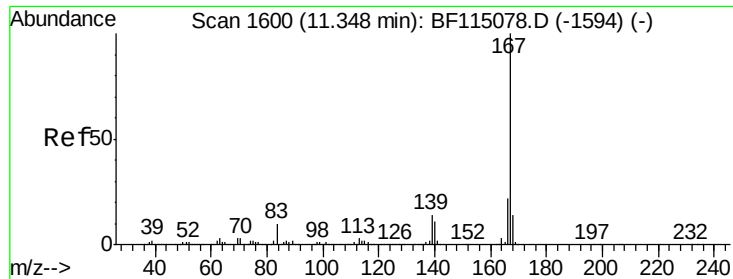
Tgt Ion:178 Resp: 1362807
Ion Ratio Lower Upper
178 100
176 20.6 16.9 25.3
179 15.8 13.2 19.8



#72
Anthracene
Concen: 37.288 ng
RT: 11.17 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF115316.D
Acq: 29 Jun 2019 12:11

Tgt Ion:178 Resp: 1428021
Ion Ratio Lower Upper
178 100
176 20.0 16.1 24.1
179 16.3 12.9 19.3

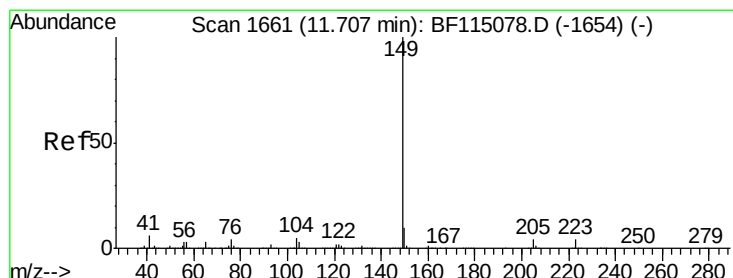
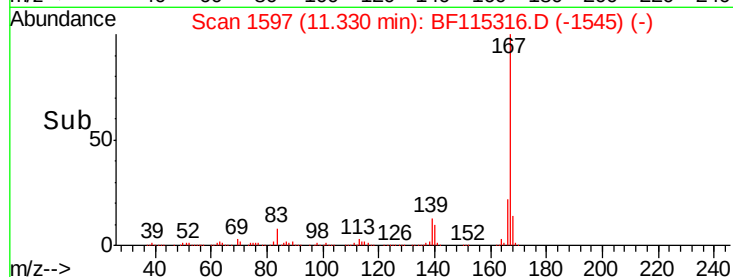
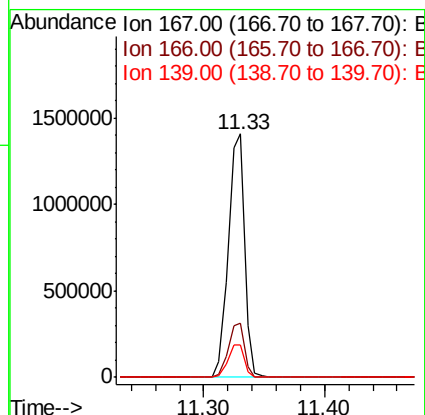
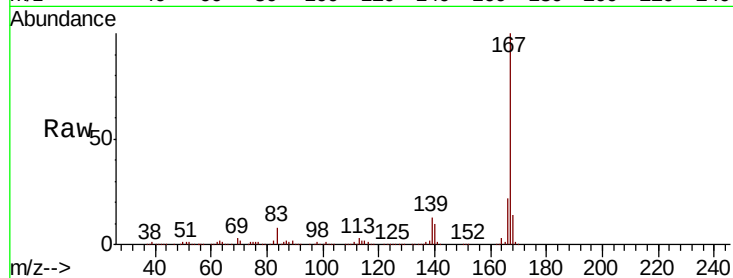




#73
 Carbazole
 Concen: 38.741 ng
 RT: 11.33 min Scan# 1597
 Delta R.T. 0.01 min
 Lab File: BF115316.D
 Acq: 29 Jun 2019 12:11

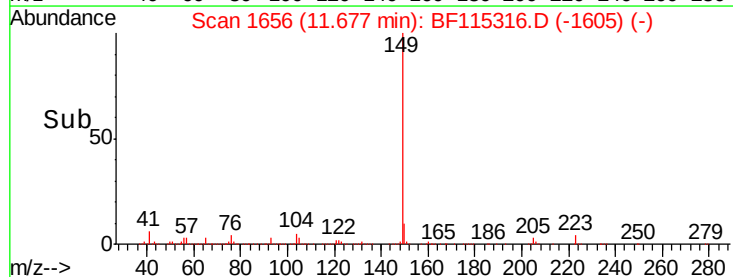
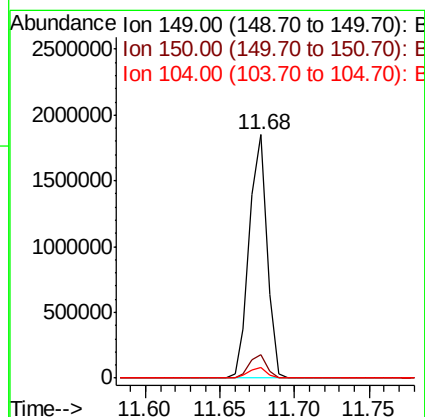
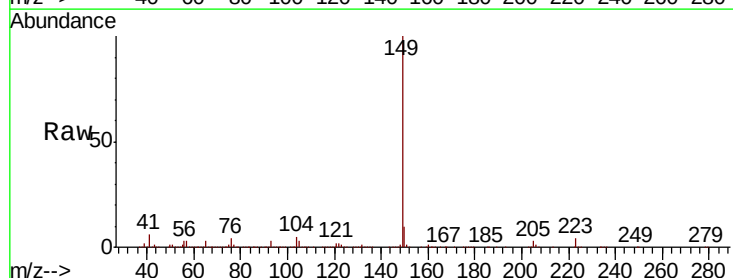
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-14MSD

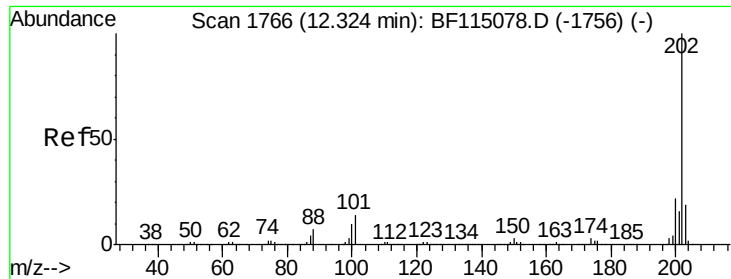
Tgt Ion:167 Resp: 1324863
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.0 27.0
 139 13.1 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 38.727 ng
 RT: 11.68 min Scan# 1656
 Delta R.T. 0.00 min
 Lab File: BF115316.D
 Acq: 29 Jun 2019 12:11

Tgt Ion:149 Resp: 1530428
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.8 11.8
 104 4.5 3.7 5.5

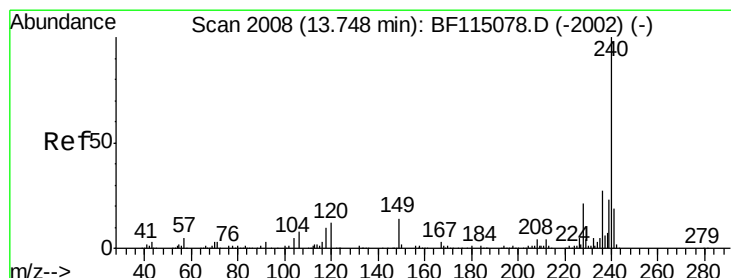
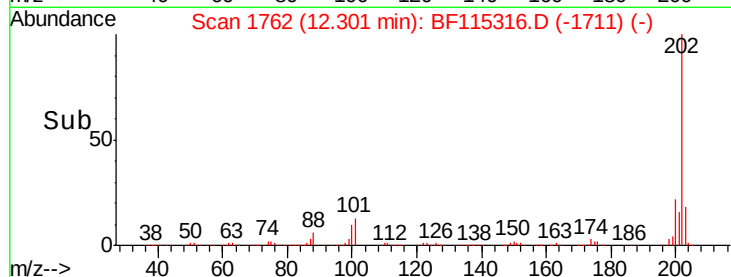
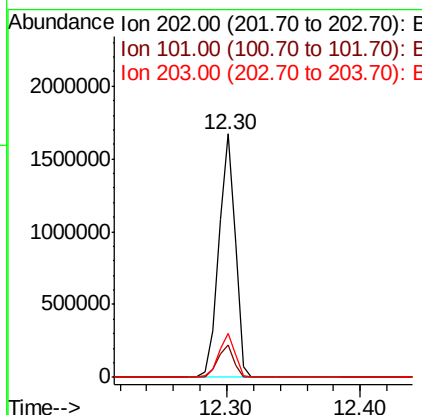
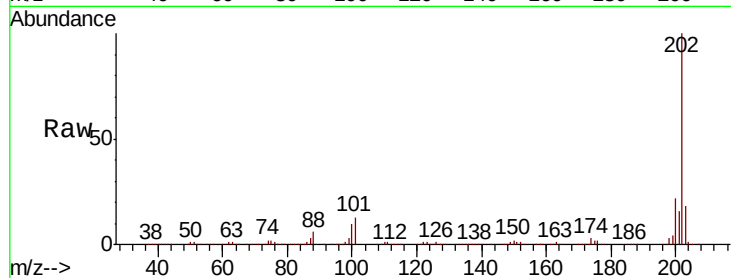




#75
 Fluoranthene
 Concen: 38.502 ng
 RT: 12.30 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: BF115316.D
 Acq: 29 Jun 2019 12:11

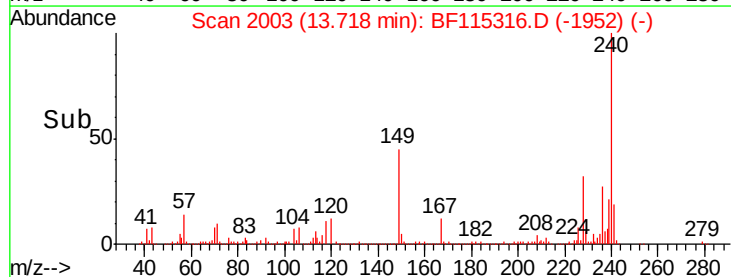
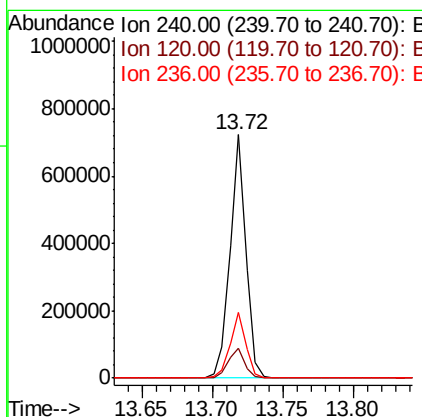
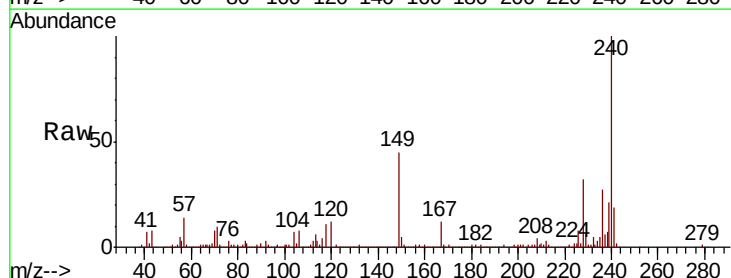
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-14MSD

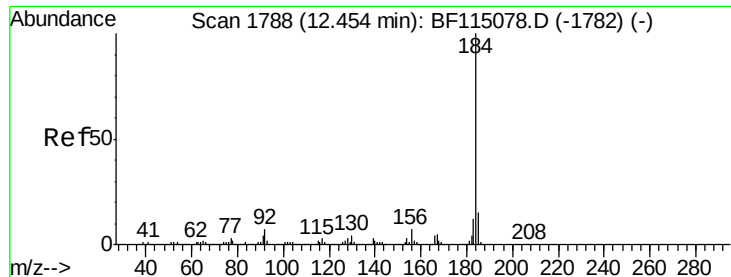
Tgt Ion: 202 Resp: 1457467
 Ion Ratio Lower Upper
 202 100
 101 13.4 0.0 34.0
 203 18.3 0.0 38.8



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.72 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: BF115316.D
 Acq: 29 Jun 2019 12:11

Tgt Ion: 240 Resp: 564820
 Ion Ratio Lower Upper
 240 100
 120 12.3 9.4 14.2
 236 26.9 21.7 32.5





#77

Benzidine

Concen: 8.963 ng

RT: 12.42 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF115316.D

Acq: 29 Jun 2019 12:11

Instrument :

BNA_F

ClientSampleId :

SAMPLE-14MSD

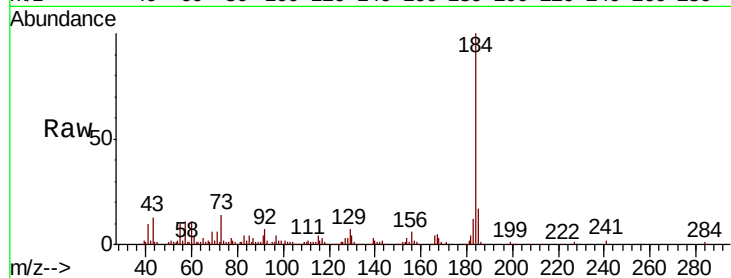
Tgt Ion:184 Resp: 224805

Ion Ratio Lower Upper

184 100

185 17.3 12.2 18.2

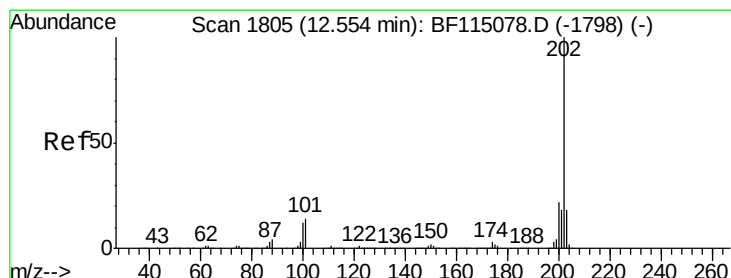
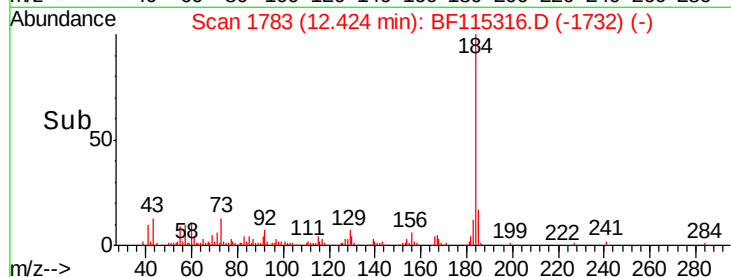
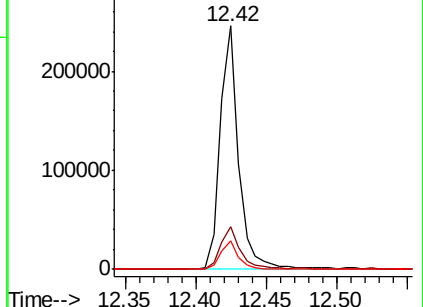
183 11.6 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 34.720 ng

RT: 12.52 min Scan# 1800

Delta R.T. 0.00 min

Lab File: BF115316.D

Acq: 29 Jun 2019 12:11

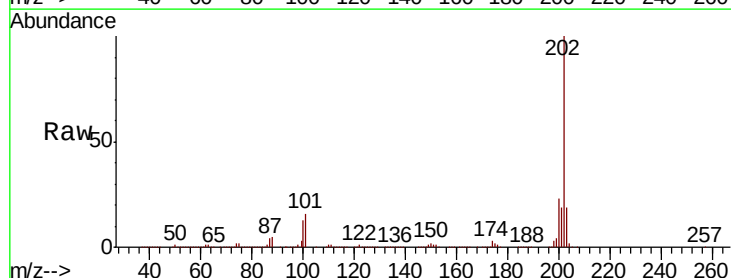
Tgt Ion:202 Resp: 1507085

Ion Ratio Lower Upper

202 100

200 22.8 17.9 26.9

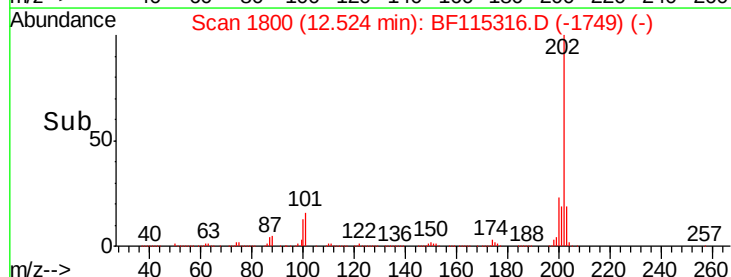
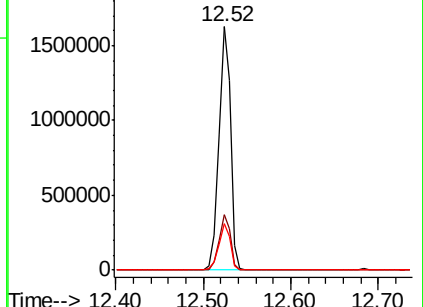
203 18.9 14.6 21.8

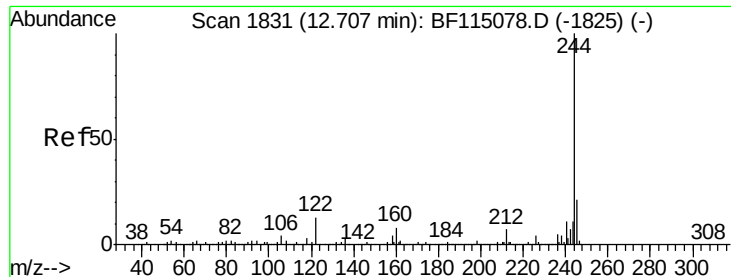


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.387 ng

RT: 12.68 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF115316.D

Acq: 29 Jun 2019 12:11

Instrument :

BNA_F

ClientSampleId :

SAMPLE-14MSD

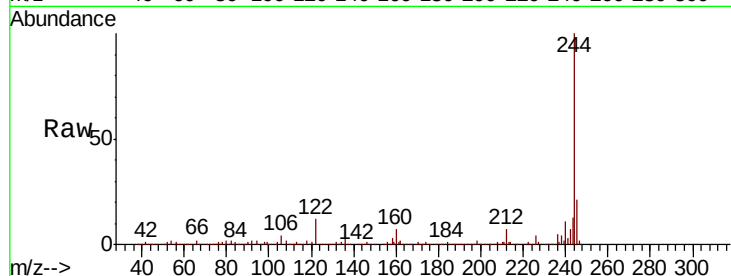
Tgt Ion:244 Resp: 2055807

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

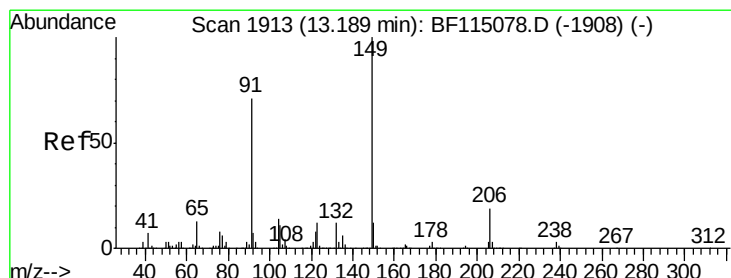
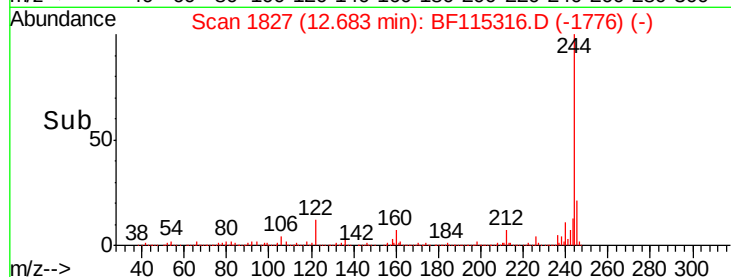
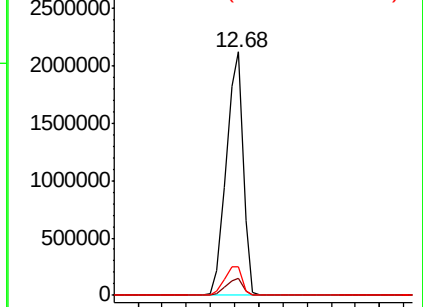
122 11.7 10.4 15.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 36.258 ng

RT: 13.16 min Scan# 1908

Delta R.T. 0.00 min

Lab File: BF115316.D

Acq: 29 Jun 2019 12:11

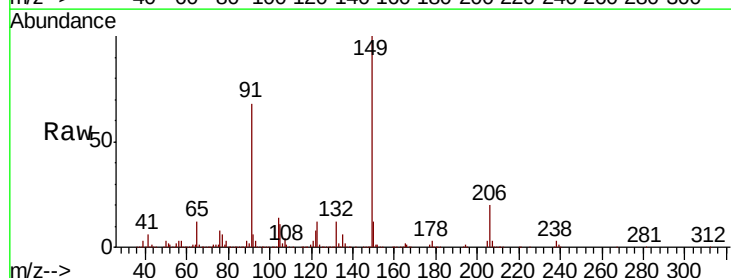
Tgt Ion:149 Resp: 694560

Ion Ratio Lower Upper

149 100

91 67.6 56.5 84.7

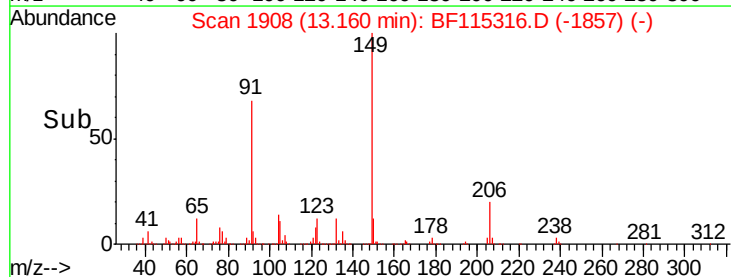
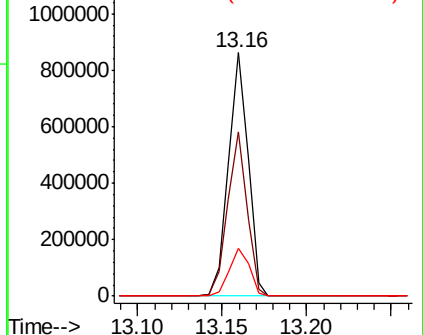
206 19.6 15.3 22.9

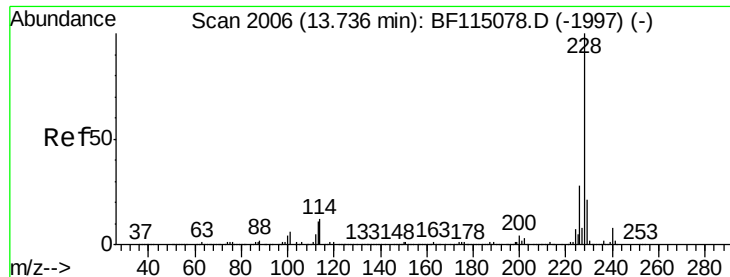


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 35.034 ng

RT: 13.71 min Scan# 2001

Delta R.T. 0.00 min

Lab File: BF115316.D

Acq: 29 Jun 2019 12:11

Instrument :

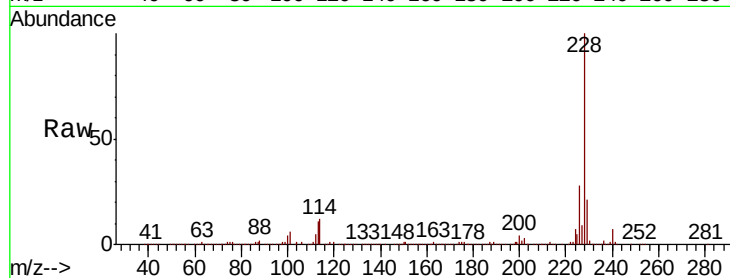
BNA_F

ClientSampleId :

SAMPLE-14MSD

Tgt Ion:228 Resp: 1419830

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.5	33.7
229	20.7	16.6	24.8

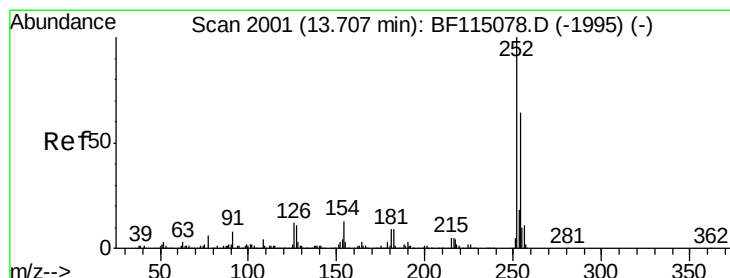
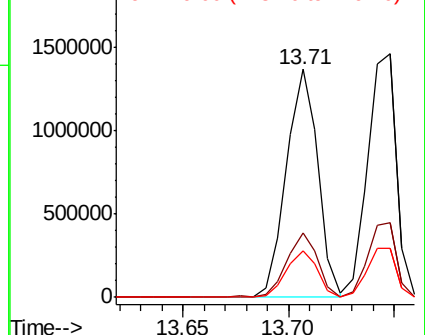
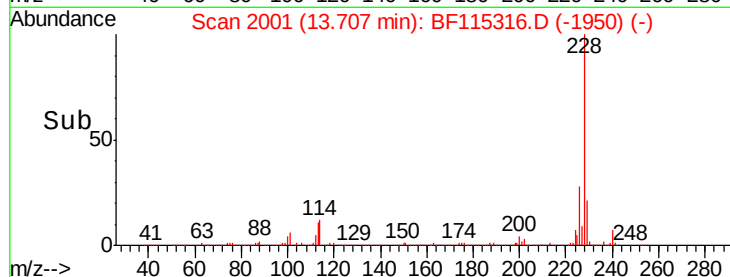


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.509 ng

RT: 13.68 min Scan# 1996

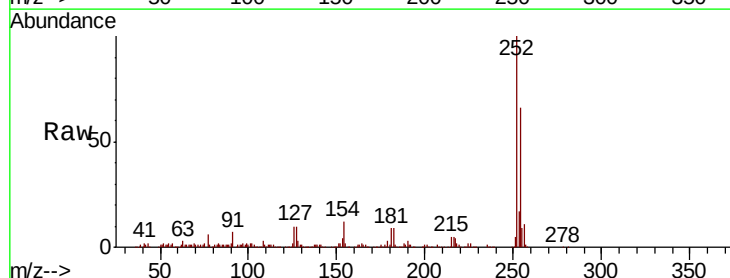
Delta R.T. 0.00 min

Lab File: BF115316.D

Acq: 29 Jun 2019 12:11

Tgt Ion:252 Resp: 402599

Ion	Ratio	Lower	Upper
252	100		
254	65.8	51.1	76.7
126	10.4	9.4	14.0

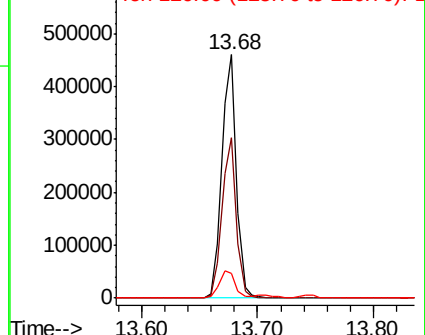
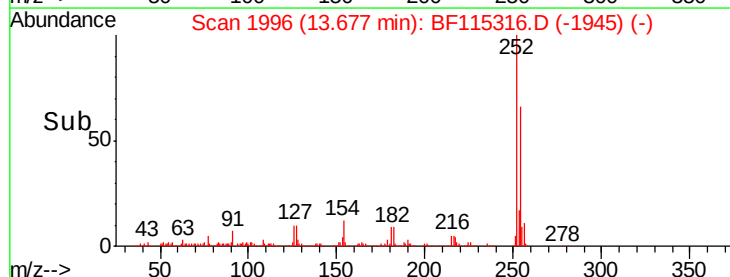


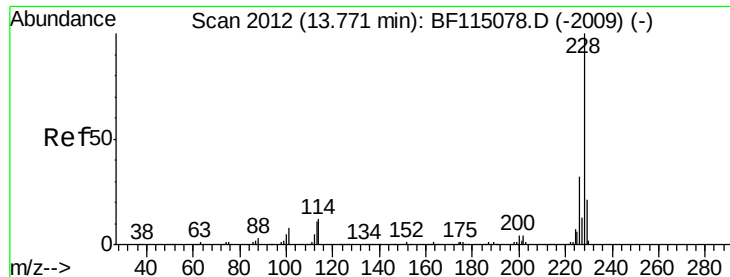
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 37.461 ng

RT: 13.75 min Scan# 2008

Delta R.T. 0.01 min

Lab File: BF115316.D

Acq: 29 Jun 2019 12:11

Instrument :

BNA_F

ClientSampleId :

SAMPLE-14MSD

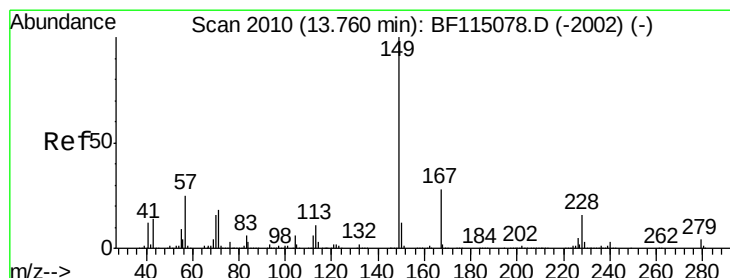
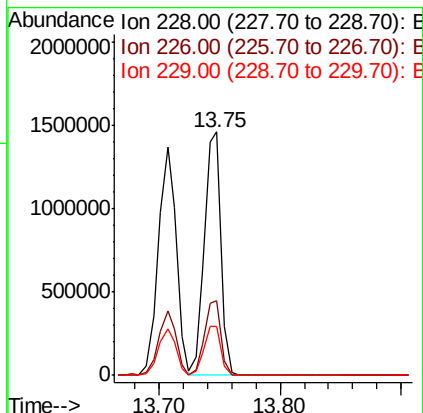
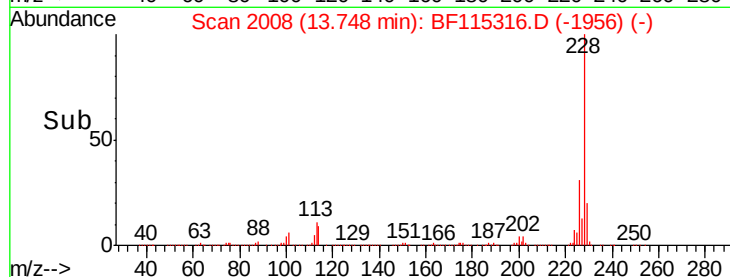
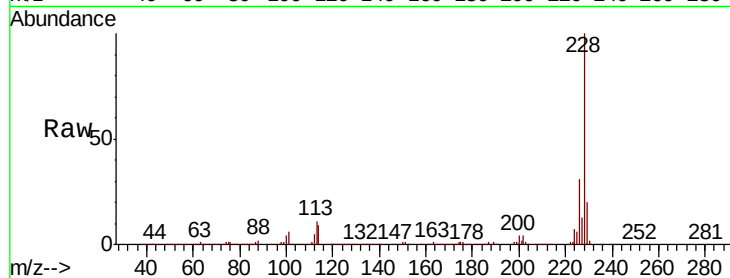
Tgt Ion:228 Resp: 1390703

Ion Ratio Lower Upper

228 100

226 30.9 25.4 38.0

229 20.3 16.5 24.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.034 ng

RT: 13.73 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BF115316.D

Acq: 29 Jun 2019 12:11

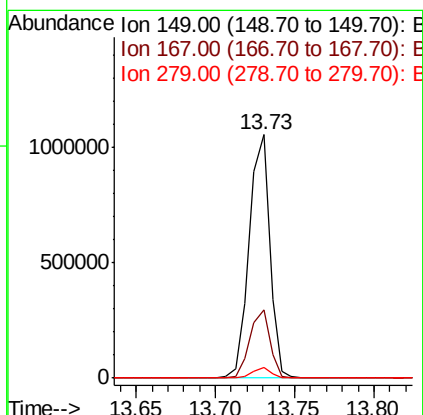
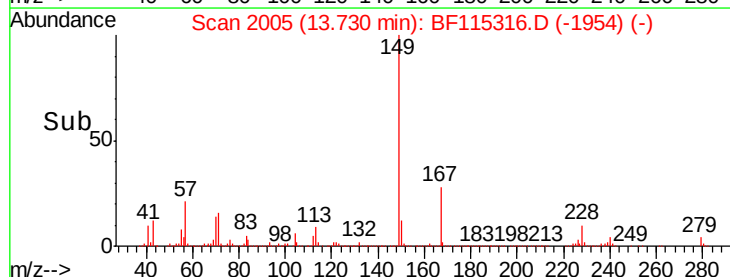
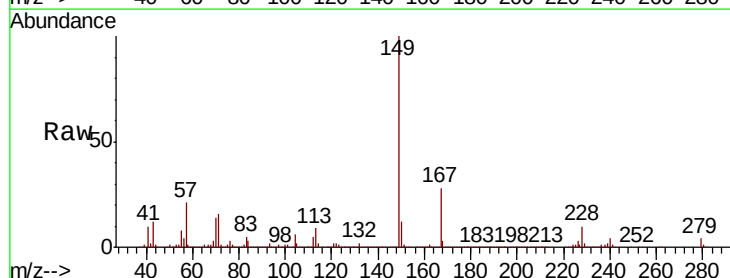
Tgt Ion:149 Resp: 954651

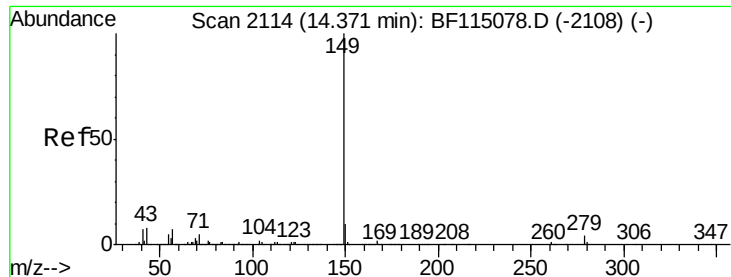
Ion Ratio Lower Upper

149 100

167 27.8 22.2 33.4

279 4.3 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 38.398 ng

RT: 14.34 min Scan# 2108

Delta R.T. -0.01 min

Lab File: BF115316.D

Acq: 29 Jun 2019 12:11

Instrument :

BNA_F

ClientSampleId :

SAMPLE-14MSD

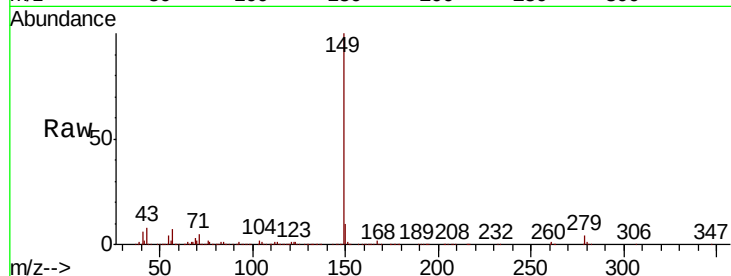
Tgt Ion:149 Resp: 1619352

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

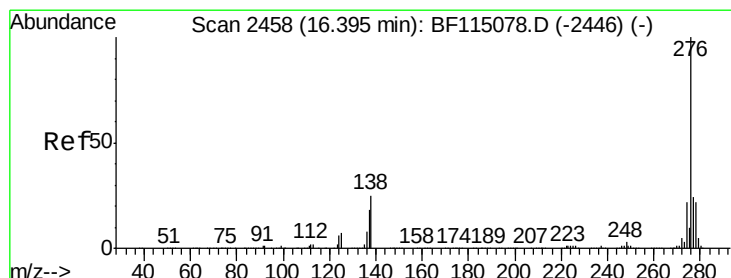
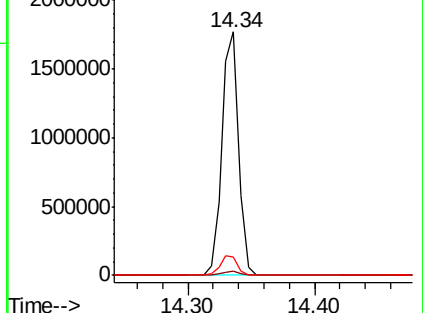
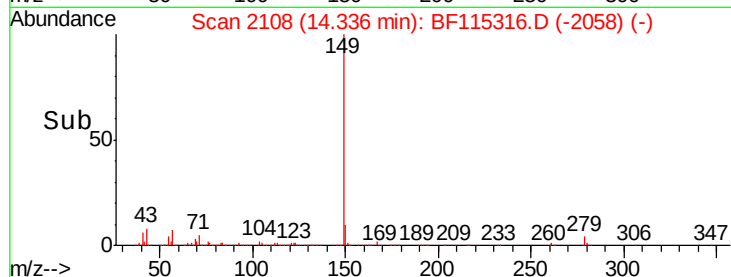
43 8.6 7.0 10.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.909 ng

RT: 16.35 min Scan# 2450

Delta R.T. -0.01 min

Lab File: BF115316.D

Acq: 29 Jun 2019 12:11

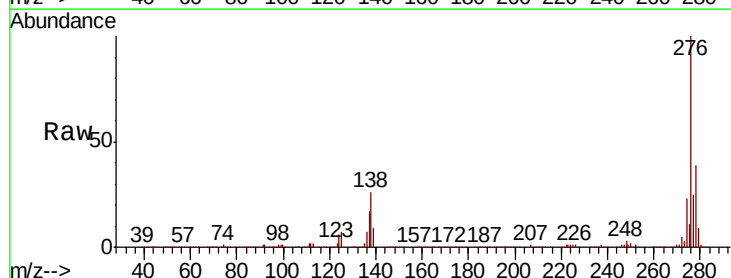
Tgt Ion:276 Resp: 1709223

Ion Ratio Lower Upper

276 100

138 27.9 23.2 34.8

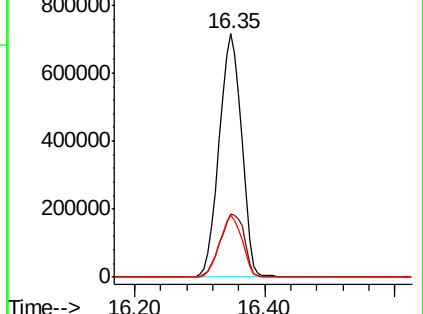
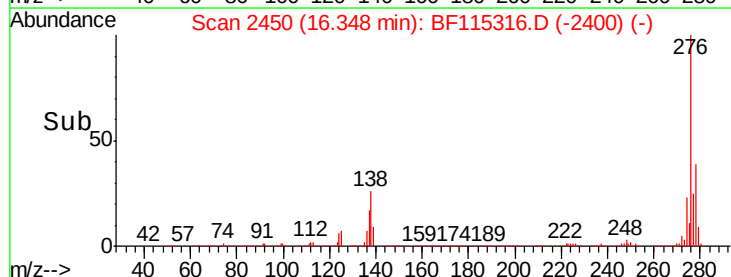
277 25.5 20.1 30.1

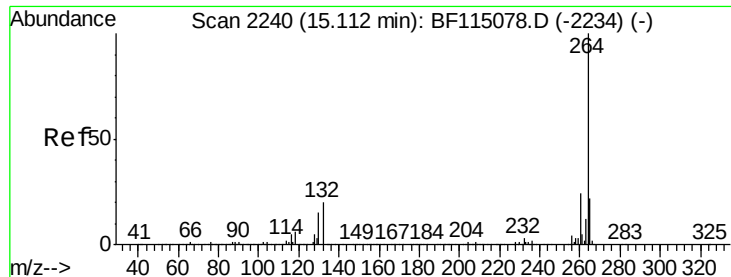


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

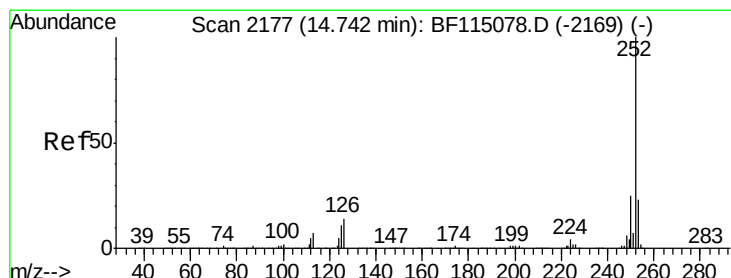
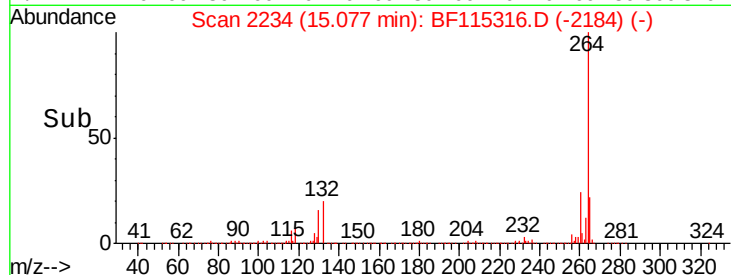
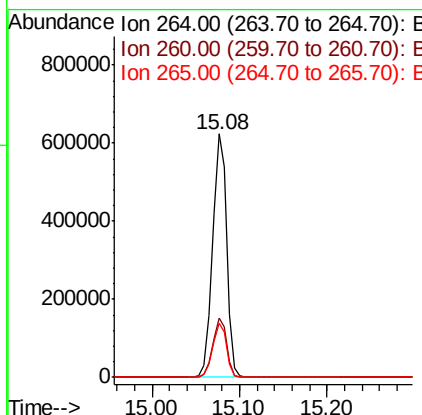
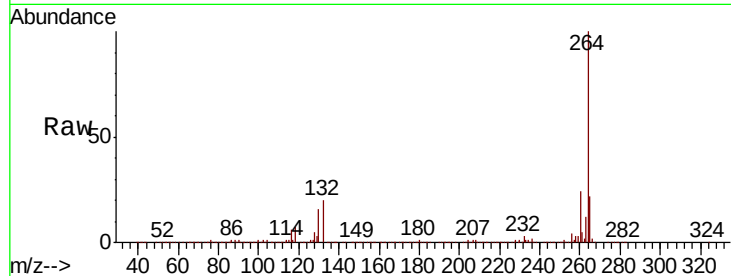




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.08 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF115316.D
Acq: 29 Jun 2019 12:11

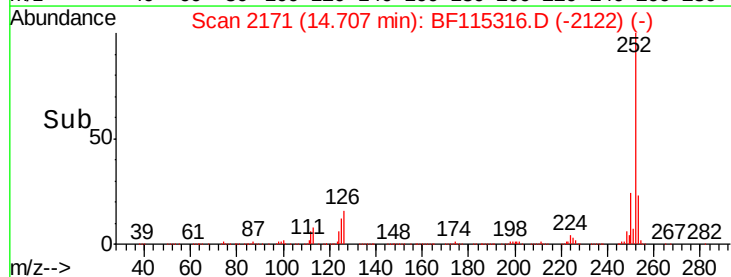
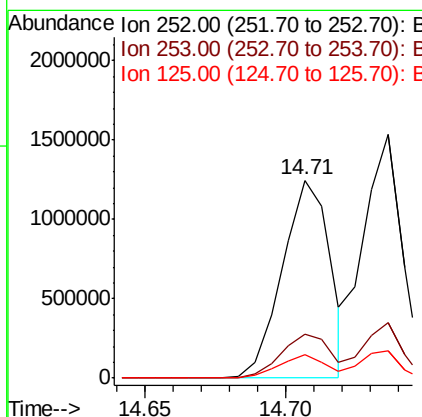
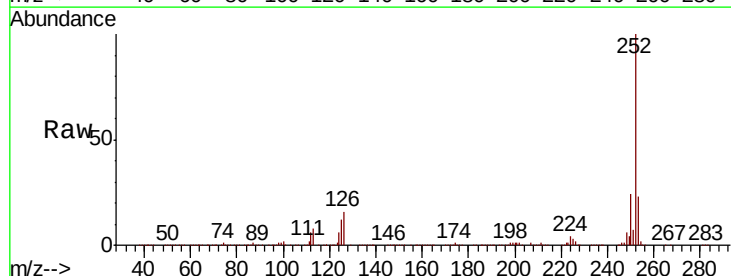
Instrument :
BNA_F
ClientSampleId :
SAMPLE-14MSD

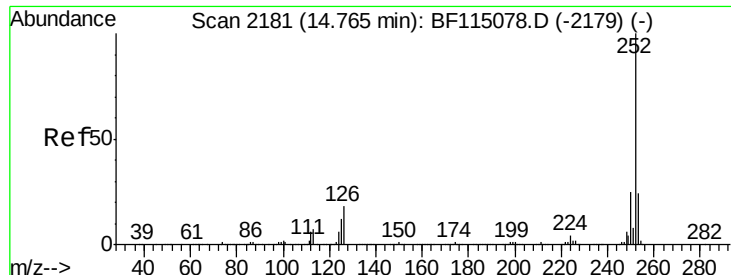
Tgt Ion:264 Resp: 698461
Ion Ratio Lower Upper
264 100
260 24.4 19.6 29.4
265 22.3 17.3 25.9



#88
Benzo(b)fluoranthene
Concen: 33.716 ng
RT: 14.71 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BF115316.D
Acq: 29 Jun 2019 12:11

Tgt Ion:252 Resp: 1469424
Ion Ratio Lower Upper
252 100
253 22.5 18.1 27.1
125 12.1 8.7 13.1

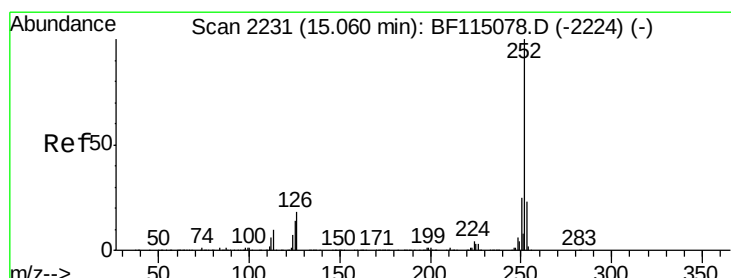
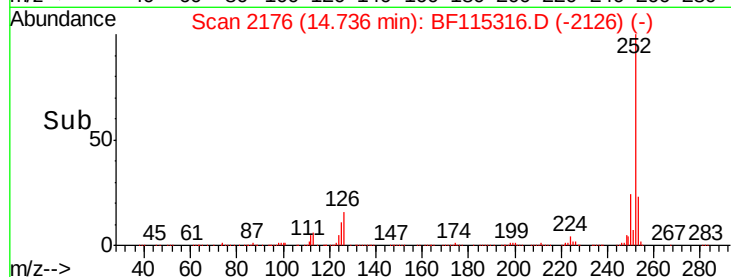
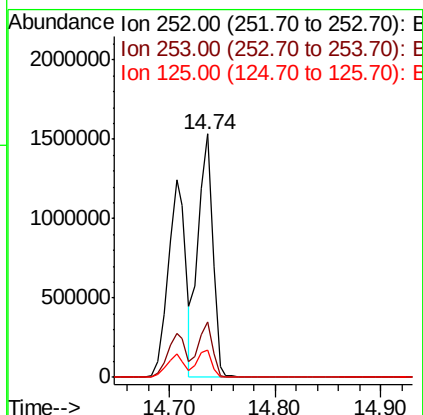
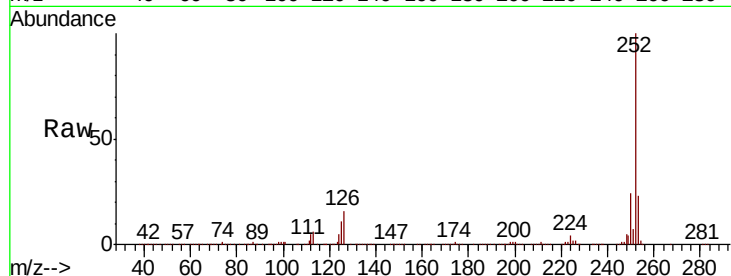




#89
Benzo(k)fluoranthene
Concen: 37.101 ng
RT: 14.74 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BF115316.D
Acq: 29 Jun 2019 12:11

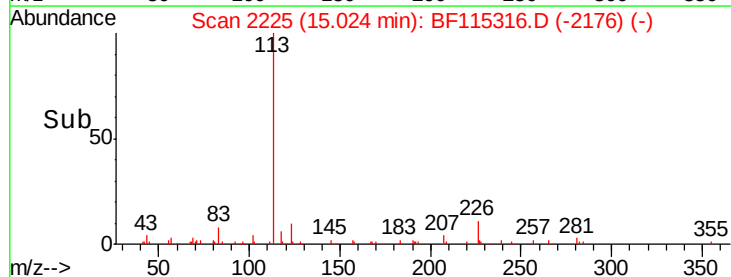
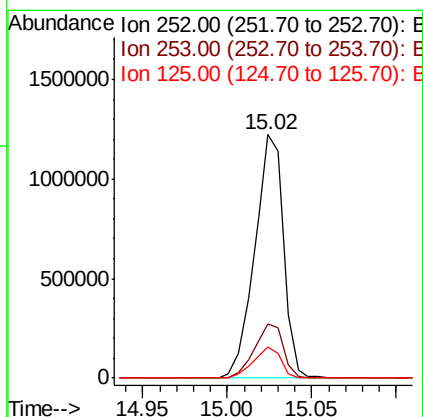
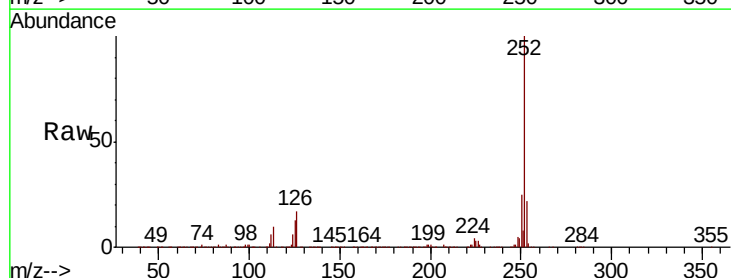
Instrument :
BNA_F
ClientSampleId :
SAMPLE-14MSD

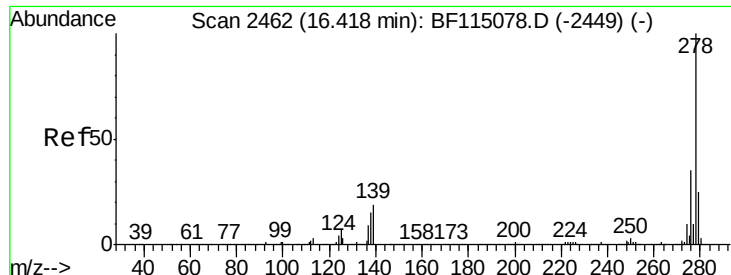
Tgt Ion:252 Resp: 1450055
Ion Ratio Lower Upper
252 100
253 22.8 18.9 28.3
125 11.2 10.2 15.2



#90
Benzo(a)pyrene
Concen: 36.888 ng
RT: 15.02 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BF115316.D
Acq: 29 Jun 2019 12:11

Tgt Ion:252 Resp: 1448983
Ion Ratio Lower Upper
252 100
253 22.3 18.3 27.5
125 12.9 10.9 16.3





#91

Dibenzo(a,h)anthracene

Concen: 38.405 ng

RT: 16.37 min Scan# 2453

Delta R.T. -0.01 min

Lab File: BF115316.D

Acq: 29 Jun 2019 12:11

Instrument :

BNA_F

ClientSampleId :

SAMPLE-14MSD

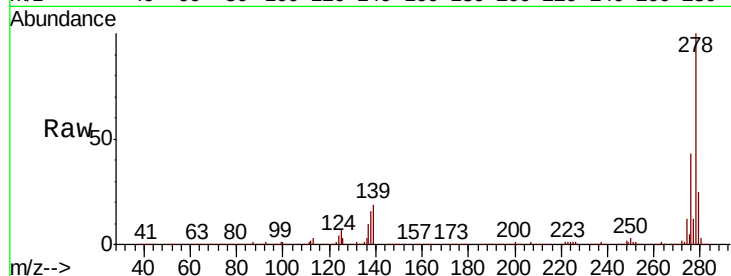
Tgt Ion:278 Resp: 1408361

Ion Ratio Lower Upper

278 100

139 18.7 15.4 23.2

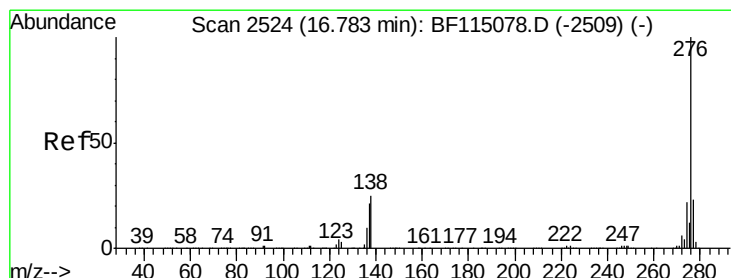
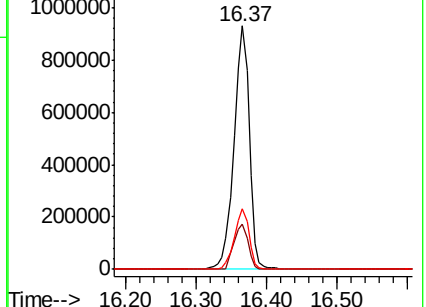
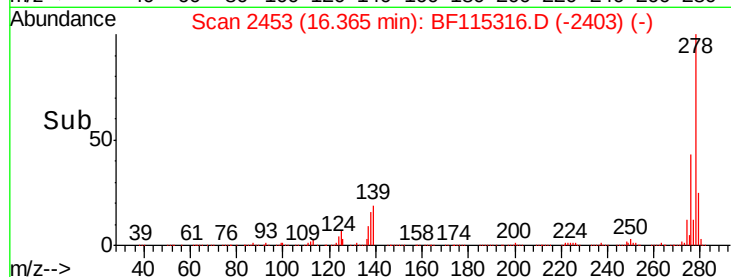
279 24.6 19.9 29.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 38.777 ng

RT: 16.73 min Scan# 2515

Delta R.T. -0.01 min

Lab File: BF115316.D

Acq: 29 Jun 2019 12:11

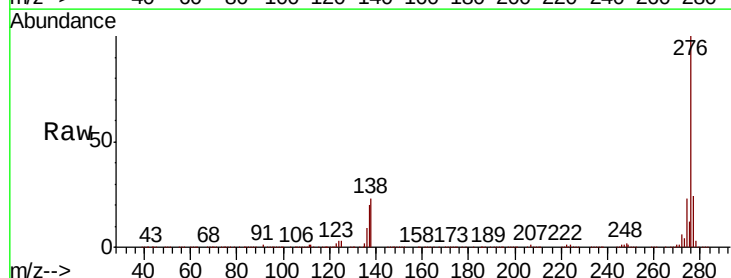
Tgt Ion:276 Resp: 1439250

Ion Ratio Lower Upper

276 100

277 24.3 18.6 28.0

138 23.1 19.8 29.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

