

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062219\
 Data File : BF115125.D
 Acq On : 22 Jun 2019 17:17
 Operator : HP/JU
 Sample : K3441-04MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-3MS

Quant Time: Jun 24 04:35:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 04:21:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	257864	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	1017448	20.00	ng	-0.01
39) Acenaphthene-d10	9.64	164	504018	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	984849	20.00	ng	0.00
76) Chrysene-d12	13.73	240	593329	20.00	ng	-0.02
87) Perylene-d12	15.09	264	590437	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.23	112	1694384	101.40	ng	0.02
7) Phenol-d6	6.25	99	2010989	99.15	ng	0.00
23) Nitrobenzene-d5	7.18	82	1404726	84.93	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	641457	120.69	ng	0.00
45) 2-Fluorobiphenyl	8.97	172	2637495	88.89	ng	-0.01
79) Terphenyl-d14	12.69	244	2800318	100.35	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.39	88	263302	33.387	ng	# 85
3) Pyridine	3.00	79	562057	25.287	ng	100
4) n-Nitrosodimethylamine	2.93	42	302990	34.771	ng	100
6) Aniline	6.27	93	191056	6.854	ng	# 1
8) 2-Chlorophenol	6.40	128	721012	38.373	ng	97
9) Benzaldehyde	6.15	77	410160	30.997	ng	99
10) Phenol	6.27	94	741252	31.201	ng	90
11) bis(2-Chloroethyl)ether	6.35	93	673318	38.448	ng	97
12) 1,3-Dichlorobenzene	6.55	146	783708	37.583	ng	100
13) 1,4-Dichlorobenzene	6.63	146	790188	37.789	ng	99
14) 1,2-Dichlorobenzene	6.78	146	735177	37.965	ng	99
15) Benzyl Alcohol	6.76	79	581033	39.342	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.90	45	950479	37.420	ng	100
17) 2-Methylphenol	6.88	107	587284	37.867	ng	99
18) Hexachloroethane	7.12	117	280953	37.268	ng	96
19) n-Nitroso-di-n-propylamine	7.04	70	482357	37.148	ng	98
20) 3+4-Methylphenols	7.03	107	673413	37.603	ng	94
22) Acetophenone	7.02	105	971796	41.721	ng	# 99
24) Nitrobenzene	7.20	77	741271	40.681	ng	96
25) Isophorone	7.44	82	1351785	39.896	ng	99
26) 2-Nitrophenol	7.51	139	394752	43.868	ng	94
27) 2,4-Dimethylphenol	7.55	122	653003	44.322	ng	97
28) bis(2-Chloroethoxy)methane	7.65	93	859970	40.157	ng	100
29) 2,4-Dichlorophenol	7.75	162	626605	41.212	ng	97
30) 1,2,4-Trichlorobenzene	7.84	180	685579	40.821	ng	99
31) Naphthalene	7.91	128	2085261	41.752	ng	100
32) Benzoic acid	7.65	122	174269	16.571	ng	96
33) 4-Chloroaniline	7.96	127	115162	5.045	ng	98
34) Hexachlorobutadiene	8.04	225	367533	39.934	ng	99
35) Caprolactam	8.33	113	80151	15.679	ng	99
36) 4-Chloro-3-methylphenol	8.45	107	633792	41.160	ng	99
37) 2-Methylnaphthalene	8.61	142	1435454	42.627	ng	99
38) 1-Methylnaphthalene	8.70	142	1349100	41.947	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	595169	41.788	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	589712	69.826	ng	99
43) 2,4,6-Trichlorophenol	8.88	196	468281	42.587	ng	100
44) 2,4,5-Trichlorophenol	8.92	196	476870	42.113	ng	99
46) 1,1'-Biphenyl	9.07	154	1672222	41.465	ng	99
47) 2-Chloronaphthalene	9.09	162	1347200	41.183	ng	98
48) 2-Nitroaniline	9.18	65	395162	41.434	ng	91
49) Acenaphthylene	9.50	152	2103480	41.271	ng	99
50) Dimethylphthalate	9.38	163	1520837	41.013	ng	99
51) 2,6-Dinitrotoluene	9.42	165	369116	43.116	ng	97
52) Acenaphthene	9.67	154	1358005	42.580	ng	99
53) 3-Nitroaniline	9.58	138	154006	14.741	ng	96
54) 2,4-Dinitrophenol	9.70	184	211786	51.007	ng	95
55) Dibenzofuran	9.84	168	1879735	41.065	ng	99
56) 4-Nitrophenol	9.75	139	614054	73.315	ng	98
57) 2,4-Dinitrotoluene	9.83	165	494387	44.725	ng	97
58) Fluorene	10.18	166	1300763	42.283	ng	99
59) 2,3,4,6-Tetrachlorophenol	9.96	232	397598	41.874	ng	99
60) Diethylphthalate	10.08	149	1538319	41.270	ng	99
61) 4-Chlorophenyl-phenylether	10.18	204	622531	42.624	ng	98
62) 4-Nitroaniline	10.20	138	392593	37.459	ng	97
63) Azobenzene	10.34	77	1422674	40.863	ng	99
65) 4,6-Dinitro-2-methylphenol	10.23	198	177342	35.305	ng	91
66) n-Nitrosodiphenylamine	10.30	169	1289422	42.024	ng	99
67) 4-Bromophenyl-phenylether	10.67	248	445065	41.681	ng	97
68) Hexachlorobenzene	10.73	284	483218	41.692	ng	98
69) Atrazine	10.83	200	404458	40.978	ng	99
70) Pentachlorophenol	10.92	266	484256	65.584	ng	97
71) Phenanthrene	11.14	178	2116787	39.920	ng	100
72) Anthracene	11.19	178	2166345	40.473	ng	99
73) Carbazole	11.34	167	1956415	40.932	ng	99
74) Di-n-butylphthalate	11.69	149	2339167	42.352	ng	99
75) Fluoranthene	12.31	202	2155752	40.747	ng	99
77) Benzidine	12.43	184	76881	2.918	ng	# 95
78) Pyrene	12.54	202	2145156	47.045	ng	98
80) Butylbenzylphthalate	13.18	149	981982	48.800	ng	92
81) Benzo(a)anthracene	13.72	228	1733386	40.715	ng	100
82) 3,3'-Dichlorobenzidine	13.68	252	195262	12.701	ng	99
83) Chrysene	13.75	228	1581945	40.565	ng	99
84) Bis(2-ethylhexyl)phthalate	13.74	149	1260490	47.805	ng	100
85) Di-n-octyl phthalate	14.35	149	1982396	44.748	ng	100
86) Indeno(1,2,3-cd)pyrene	16.35	276	1648501	35.723	ng	100
88) Benzo(b)fluoranthene	14.72	252	1591974	43.211	ng	99
89) Benzo(k)fluoranthene	14.74	252	1426977	43.191	ng	99
90) Benzo(a)pyrene	15.04	252	1478870	44.536	ng	99
91) Dibenzo(a,h)anthracene	16.38	278	1384914	44.675	ng	98
92) Benzo(g,h,i)perylene	16.74	276	1335146	42.554	ng	99

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

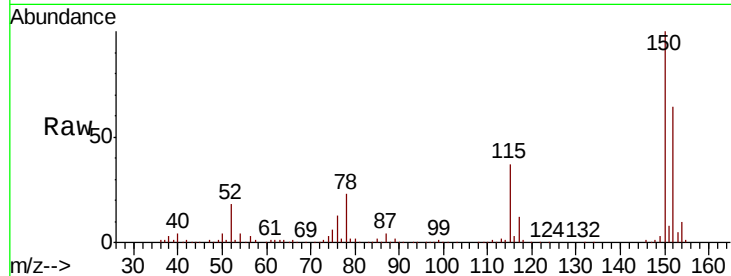


#1

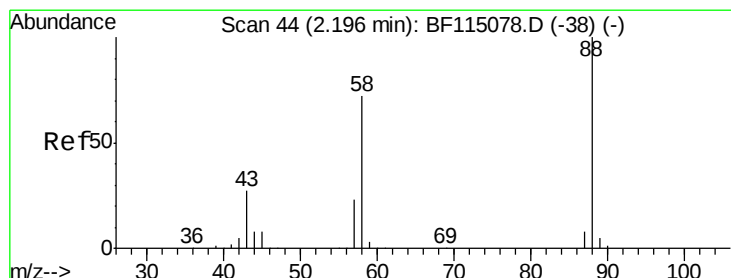
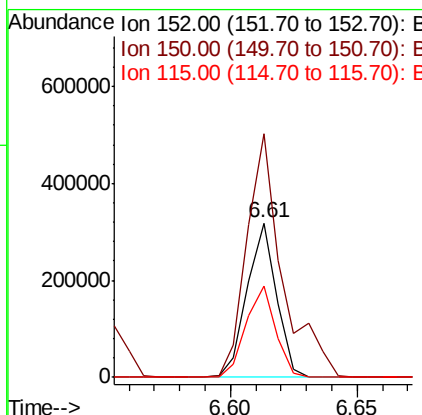
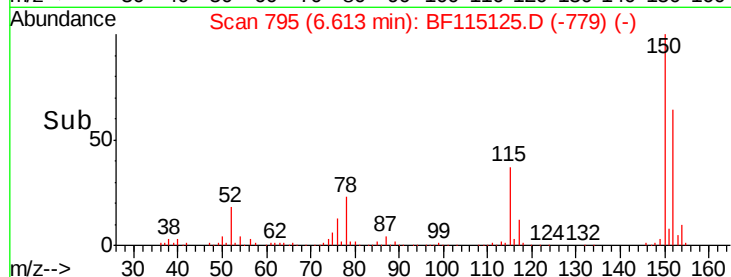
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.61 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF115125.D
 Acq: 22 Jun 2019 17:17

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-3MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.2	186.2
115	58.9	46.1	69.1



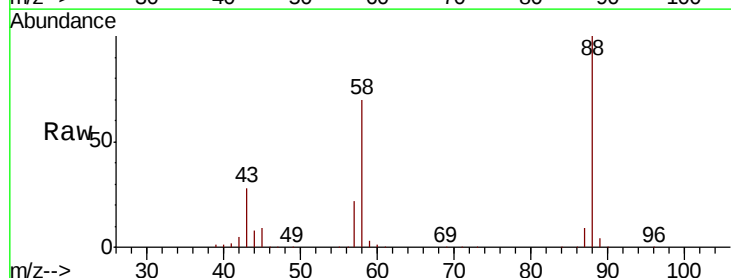
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



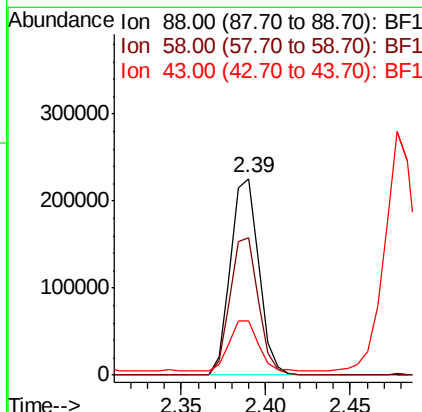
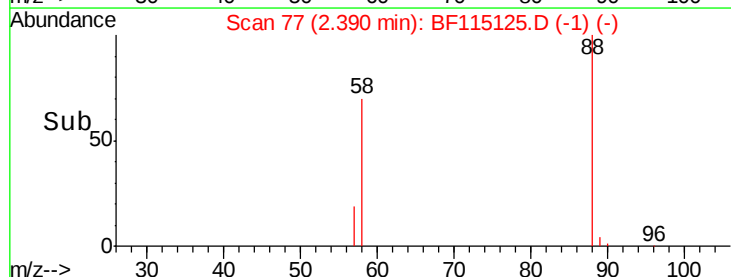
#2

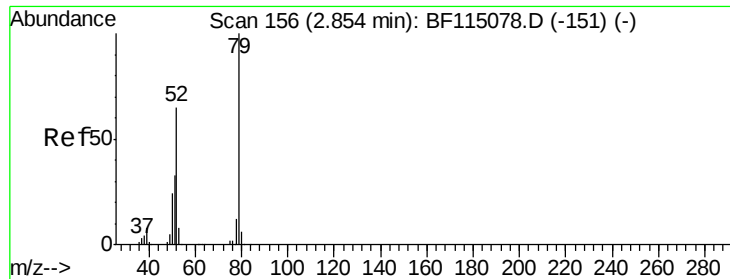
1,4-Dioxane
 Concen: 33.387 ng
 RT: 2.39 min Scan# 77
 Delta R.T. 0.19 min
 Lab File: BF115125.D
 Acq: 22 Jun 2019 17:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.6	56.1	84.1
43	0.0	21.3	31.9#



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





#3

Pvridine

Concen: 25.287 ng

RT: 3.00 min Scan# 181

Delta R.T. 0.15 min

Lab File: BF115125.D

Acq: 22 Jun 2019 17:17

Instrument :

BNA_F

ClientSampleId :

SAMPLE-3MS

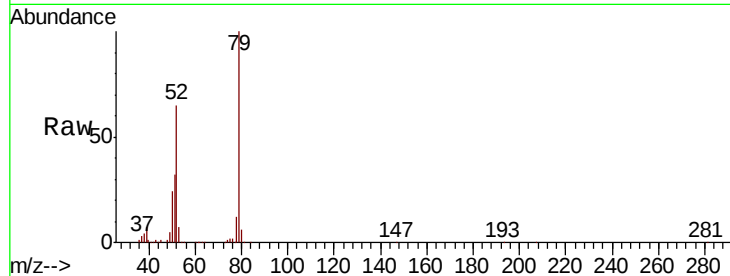
Tot Ion: 79 Resp: 562057

Ion Ratio Lower Upper

79 100

52 65.3 52.3 78.5

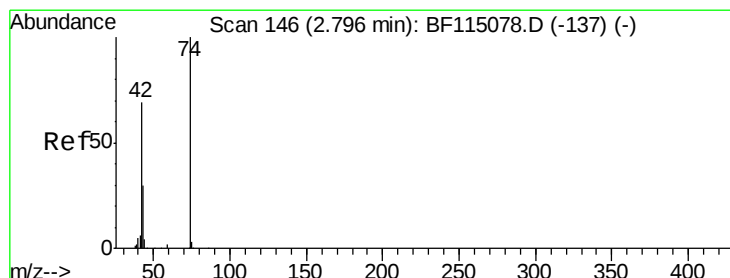
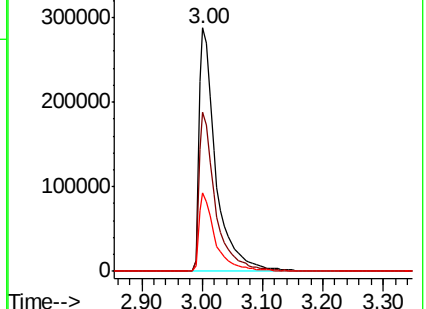
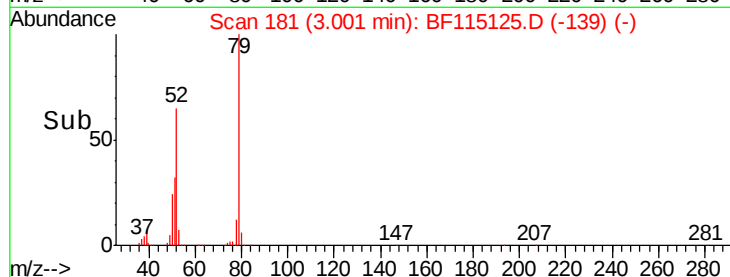
51 32.1 26.1 39.1



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: 34.771 ng

RT: 2.93 min Scan# 169

Delta R.T. 0.14 min

Lab File: BF115125.D

Acq: 22 Jun 2019 17:17

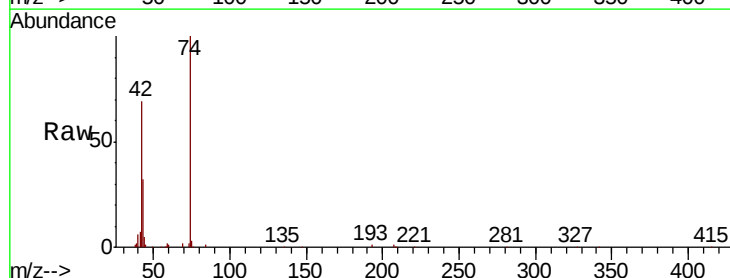
Tgt Ion: 42 Resp: 302990

Ion Ratio Lower Upper

42 100

74 145.4 116.6 175.0

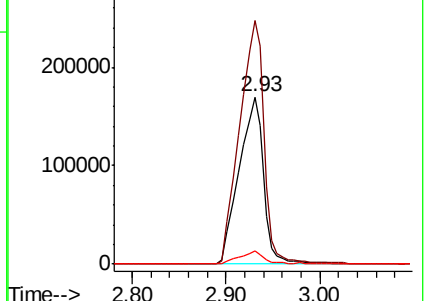
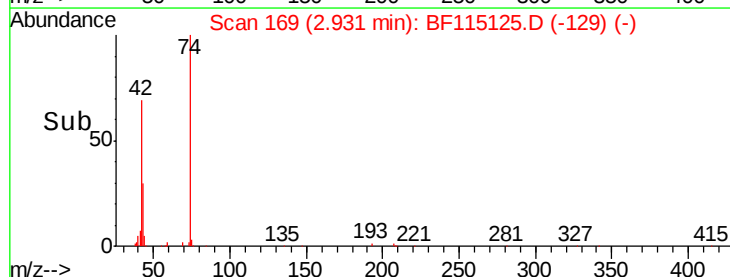
44 7.6 5.3 7.9

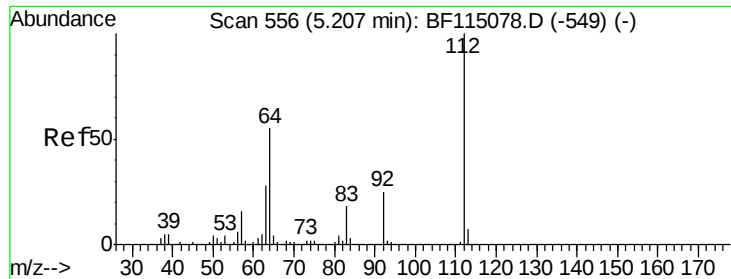


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 101.399 ng

RT: 5.23 min Scan# 560

Delta R.T. 0.02 min

Lab File: BF115125.D

Acq: 22 Jun 2019 17:17

Instrument :

BNA_F

ClientSampleId :

SAMPLE-3MS

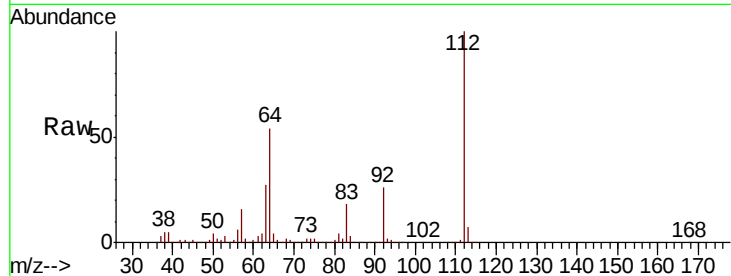
Tot Ion:112 Resp: 1694384

Ion Ratio Lower Upper

112 100

64 53.8 43.8 65.6

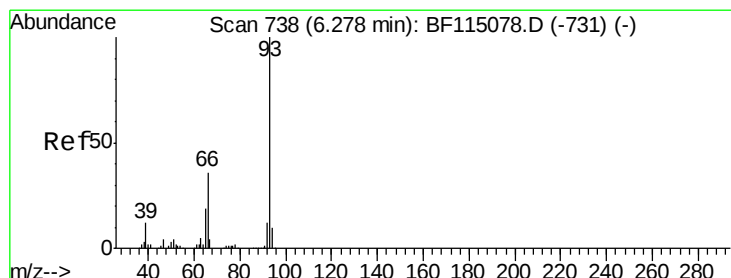
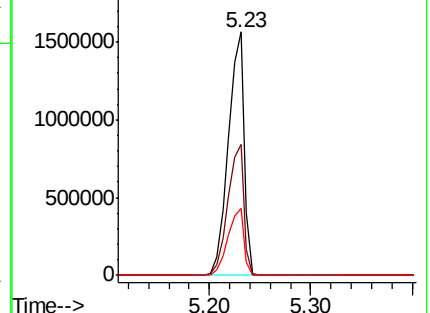
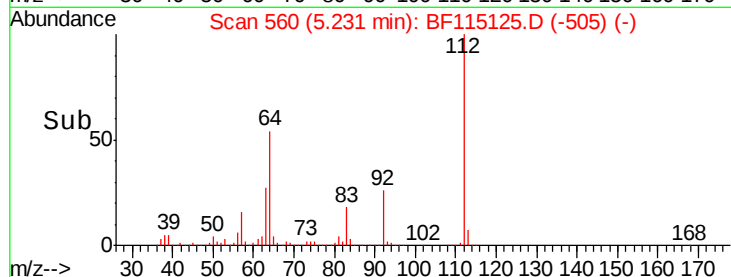
63 27.5 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 6.854 ng

RT: 6.27 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF115125.D

Acq: 22 Jun 2019 17:17

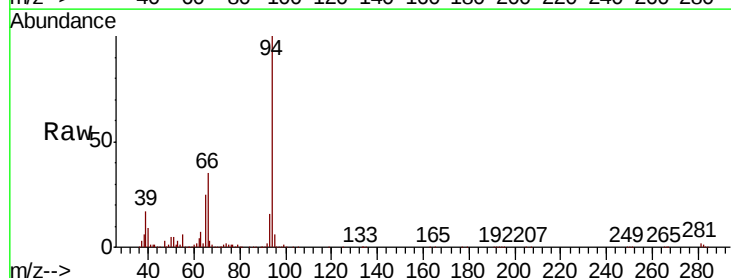
Tgt Ion: 93 Resp: 191056

Ion Ratio Lower Upper

93 100

66 211.2 30.0 45.0#

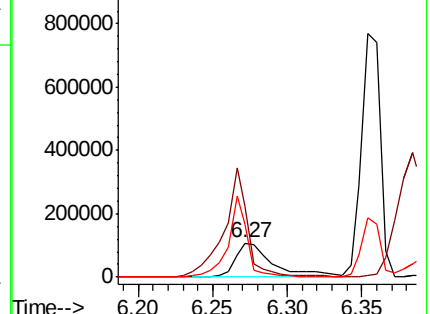
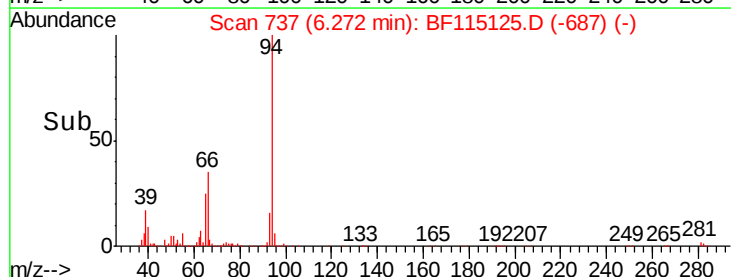
65 155.9 15.6 23.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 99.152 ng

RT: 6.25 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF115125.D

Acq: 22 Jun 2019 17:17

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ClientSampleId :

SAMPLE-3MS

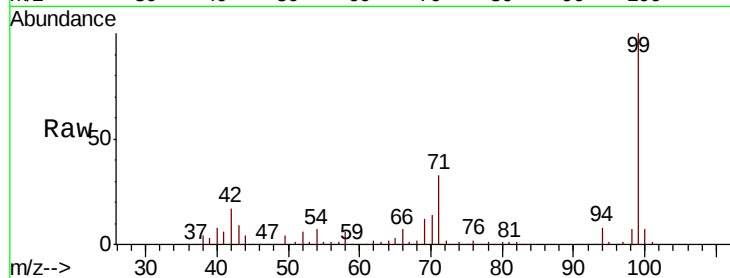
Tot Ion: 99 Resp: 2010989

Ion Ratio Lower Upper

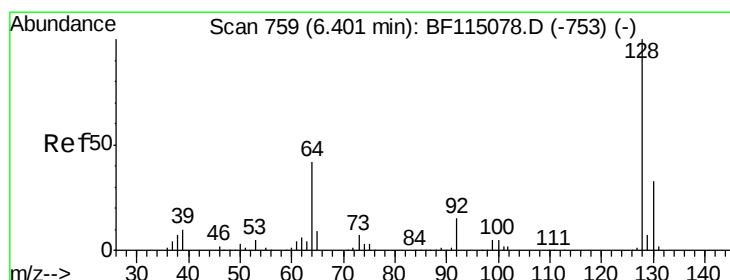
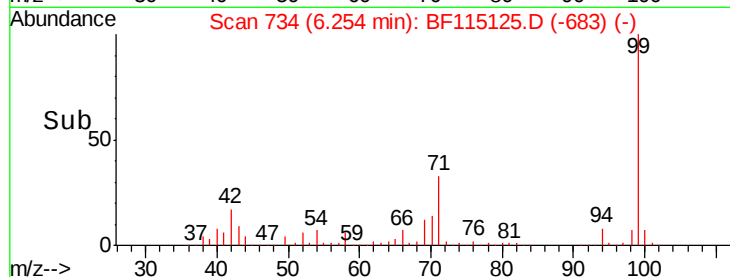
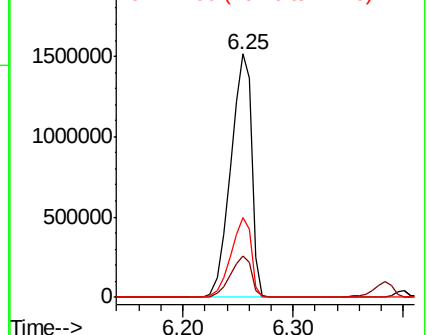
99 100

42 16.9 13.6 20.4

71 32.6 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: 38.373 ng

RT: 6.40 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF115125.D

Acq: 22 Jun 2019 17:17

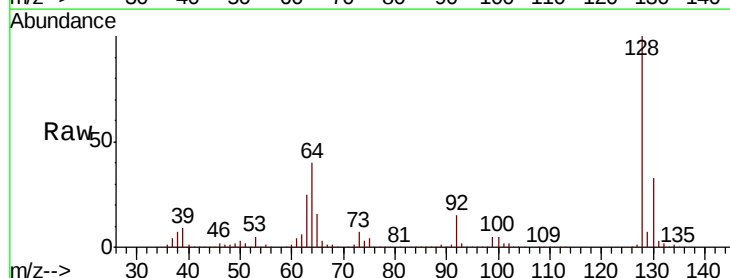
Tgt Ion: 128 Resp: 721012

Ion Ratio Lower Upper

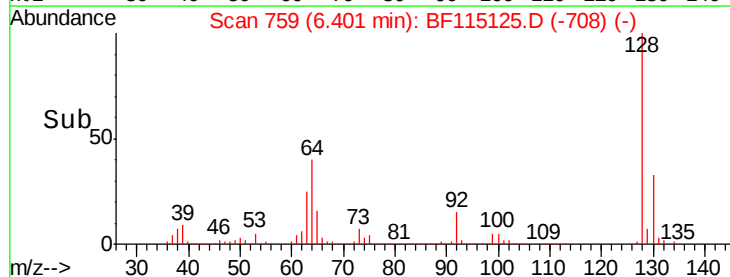
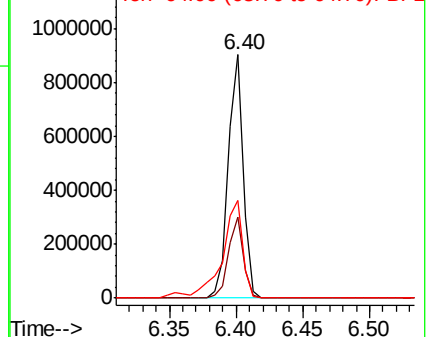
128 100

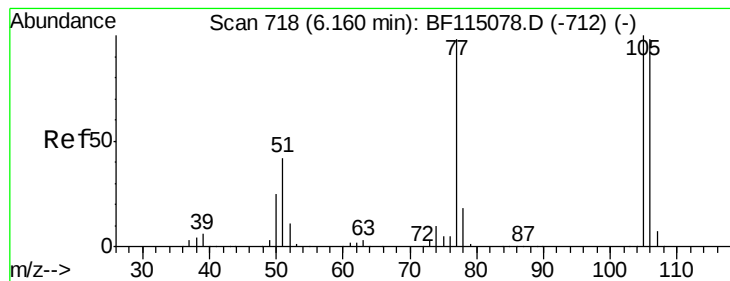
130 33.4 12.9 52.9

64 40.4 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: 30.997 ng

RT: 6.15 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF115125.D

Acq: 22 Jun 2019 17:17

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ClientSampleId :

SAMPLE-3MS

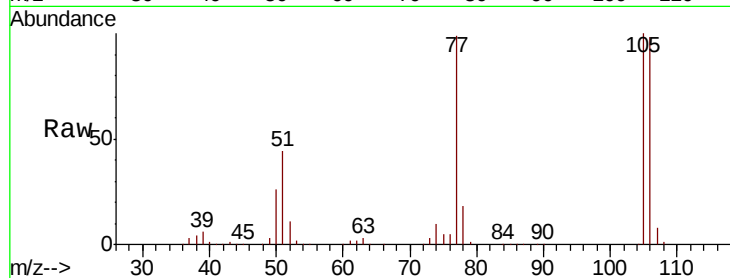
Tot Ion: 77 Resp: 410160

Ion Ratio Lower Upper

77 100

105 100.7 81.5 121.5

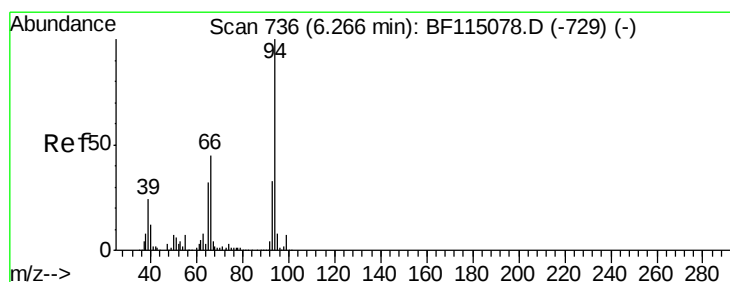
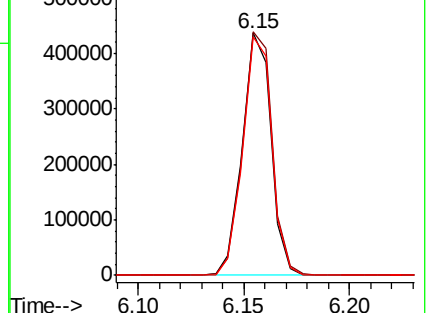
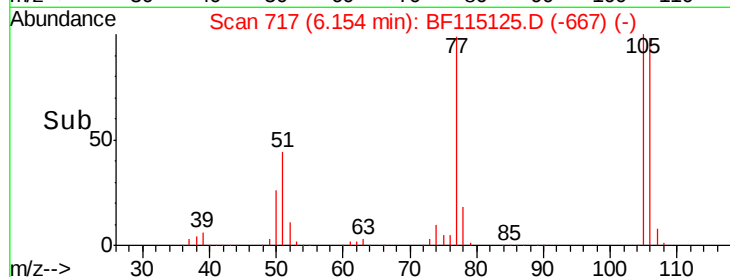
106 98.8 79.7 119.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 31.201 ng

RT: 6.27 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF115125.D

Acq: 22 Jun 2019 17:17

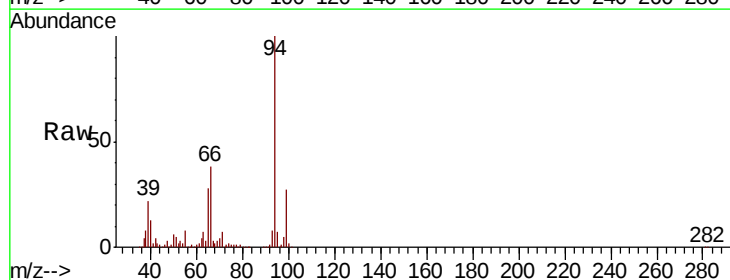
Tgt Ion: 94 Resp: 741252

Ion Ratio Lower Upper

94 100

65 27.9 11.9 51.9

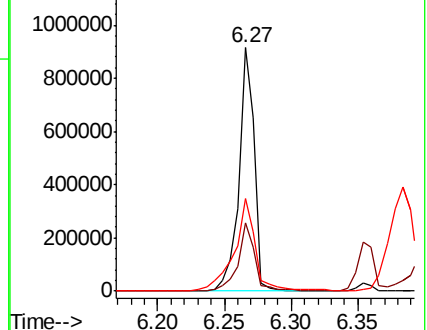
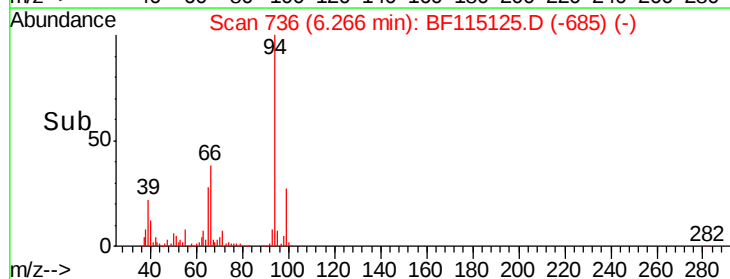
66 37.8 25.2 65.2



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

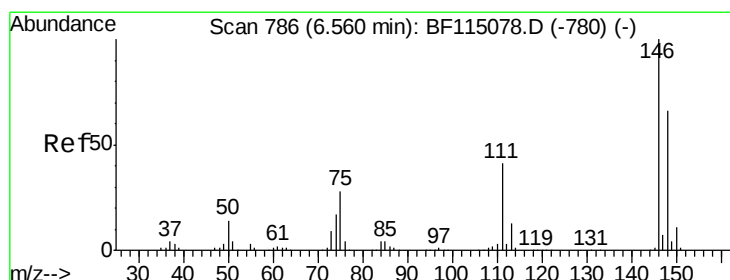
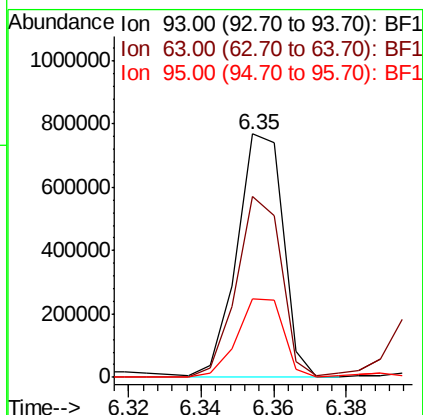
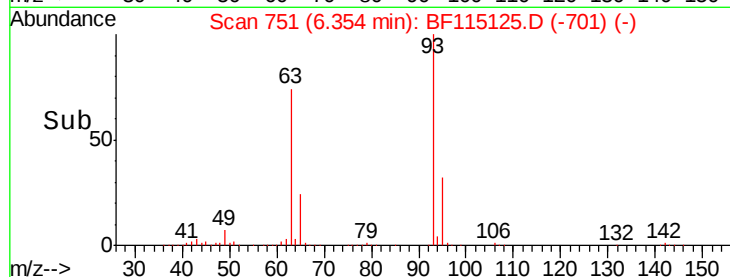
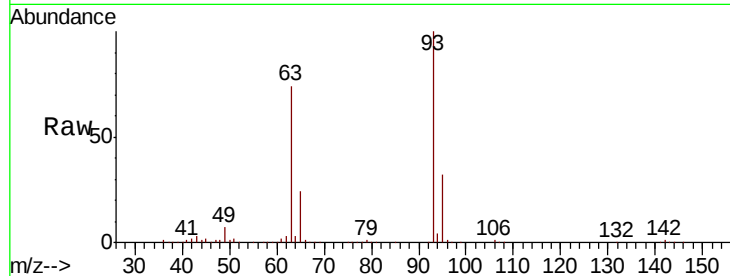




#11
bis(2-Chloroethyl)ether
Concen: 38.448 ng
RT: 6.35 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF115125.D
Acq: 22 Jun 2019 17:17

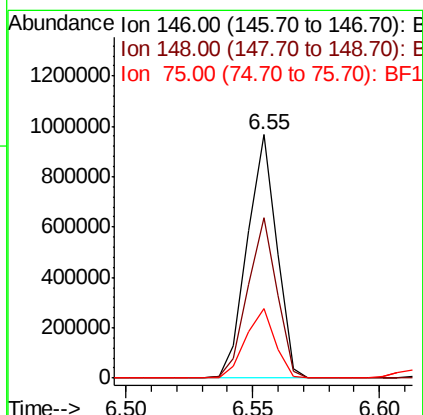
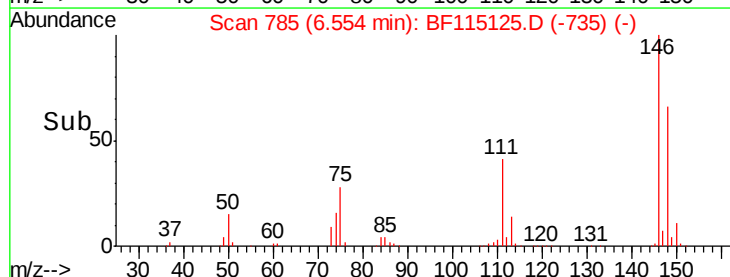
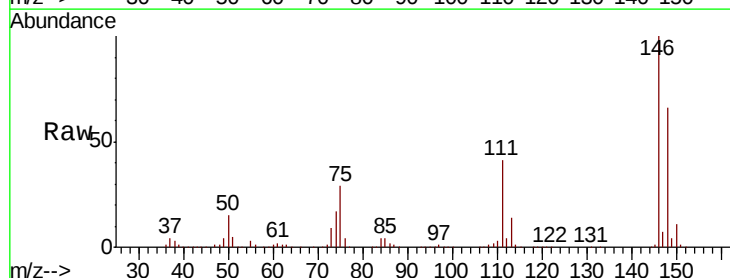
Instrument :
BNA_F
ClientSampleId :
SAMPLE-3MS

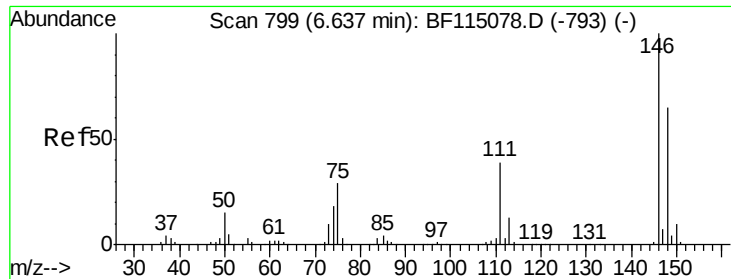
Tot Ion: 93 Resp: 673318
Ion Ratio Lower Upper
93 100
63 74.4 51.5 91.5
95 32.4 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 37.583 ng
RT: 6.55 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF115125.D
Acq: 22 Jun 2019 17:17

Tgt Ion: 146 Resp: 783708
Ion Ratio Lower Upper
146 100
148 65.7 52.6 78.8
75 28.8 22.6 34.0

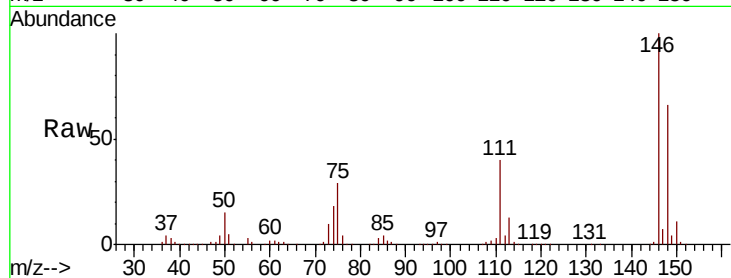




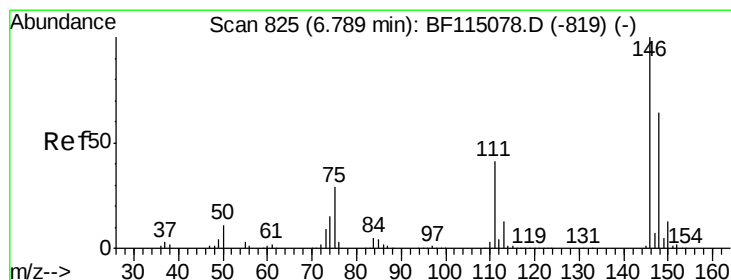
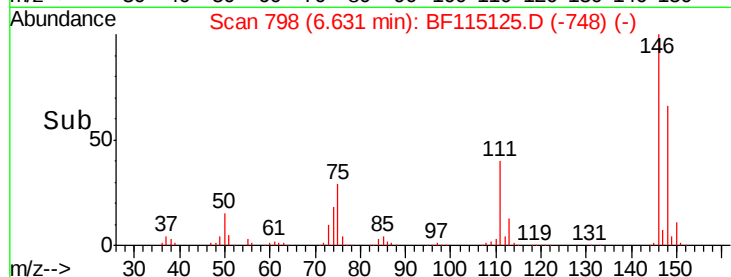
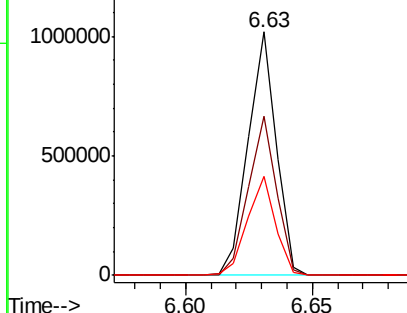
#13
 1,4-Dichlorobenzene
 Concen: 37.789 ng
 RT: 6.63 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF115125.D
 Acq: 22 Jun 2019 17:17

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-3MS

Tot Ion:146 Resp: 790188
 Ion Ratio Lower Upper
 146 100
 148 65.6 51.9 77.9
 111 40.4 31.4 47.0

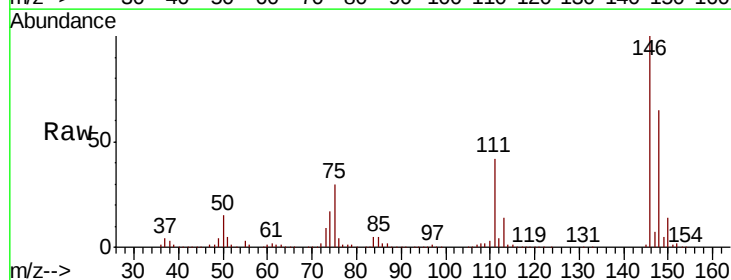


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

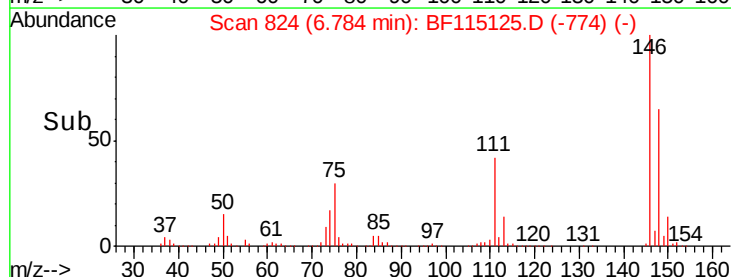
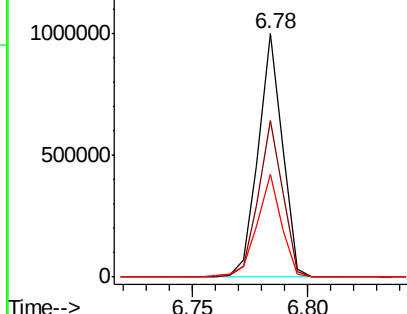


#14
 1,2-Dichlorobenzene
 Concen: 37.965 ng
 RT: 6.78 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF115125.D
 Acq: 22 Jun 2019 17:17

Tgt Ion:146 Resp: 735177
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.1 76.7
 111 42.2 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

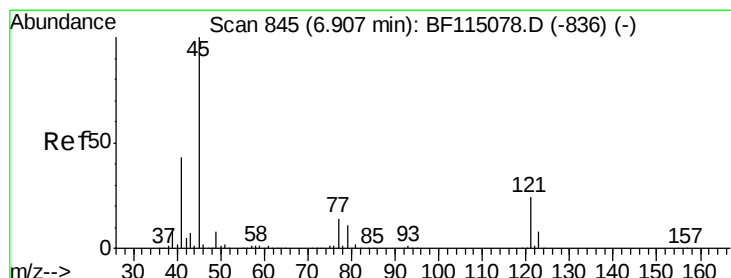
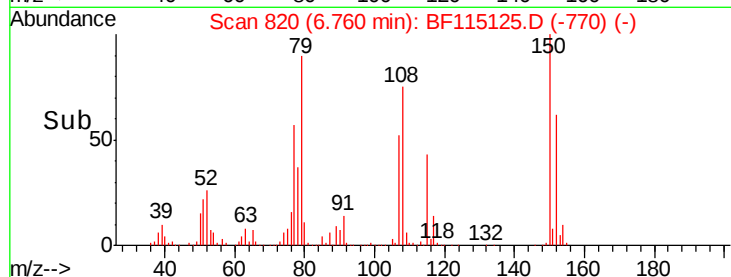
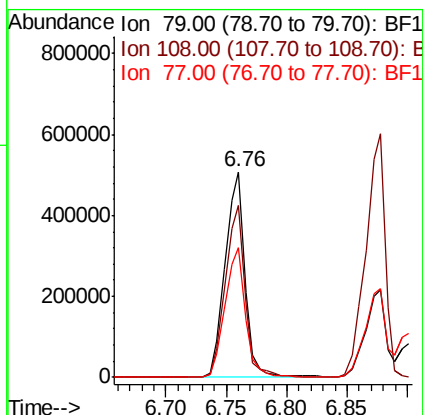
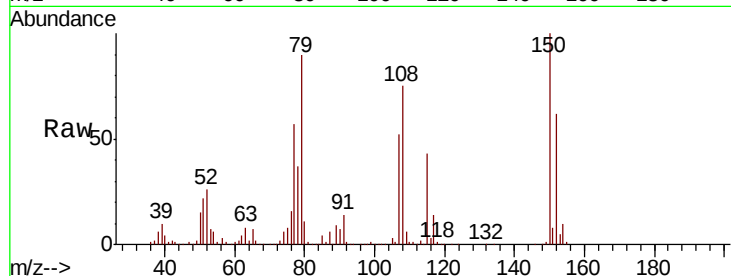




#15
Benzyl Alcohol
Concen: 39.342 ng
RT: 6.76 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF115125.D
Acq: 22 Jun 2019 17:17

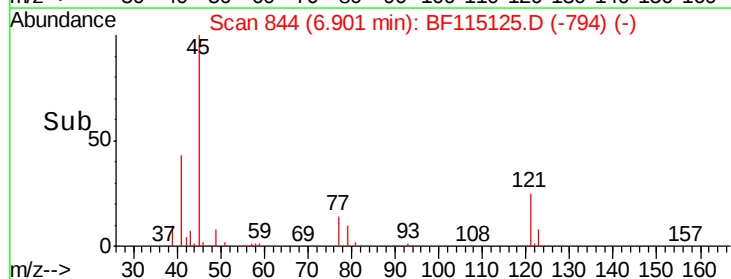
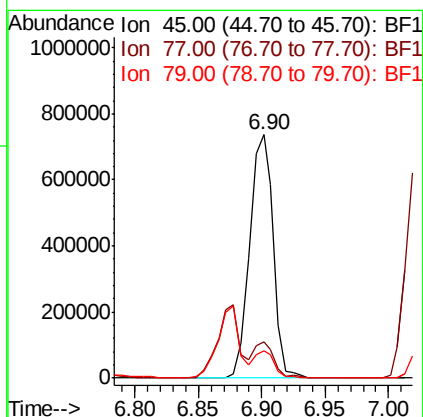
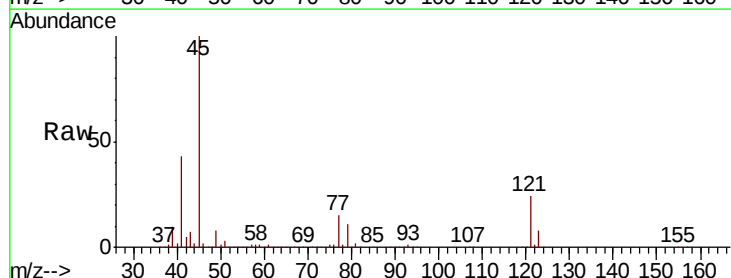
Instrument :
BNA_F
ClientSampleId :
SAMPLE-3MS

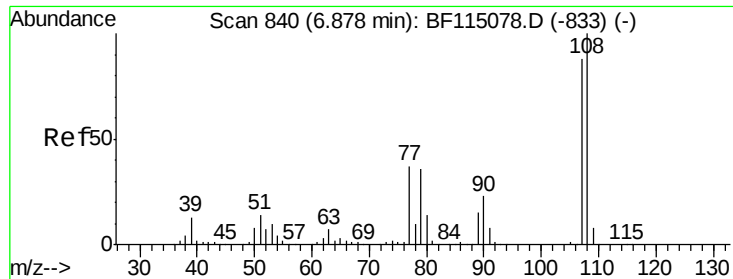
Tot Ion: 79 Resp: 581033
Ion Ratio Lower Upper
79 100
108 83.5 68.7 103.1
77 63.0 51.7 77.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 37.420 ng
RT: 6.90 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF115125.D
Acq: 22 Jun 2019 17:17

Tgt Ion: 45 Resp: 950479
Ion Ratio Lower Upper
45 100
77 14.7 0.0 34.6
79 11.3 0.0 31.2

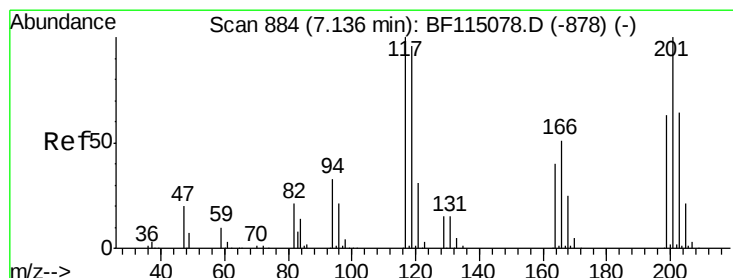
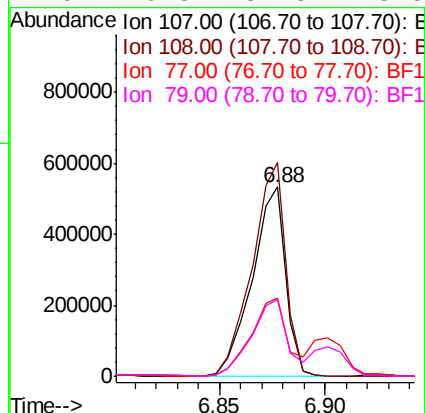
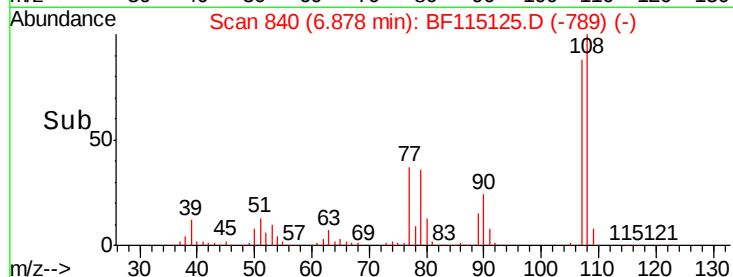
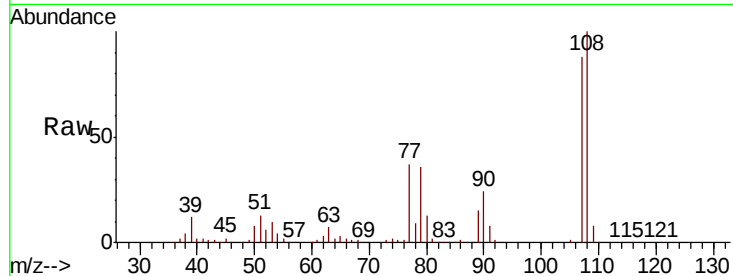




#17
2-Methylphenol
Concen: 37.867 ng
RT: 6.88 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF115125.D
Acq: 22 Jun 2019 17:17

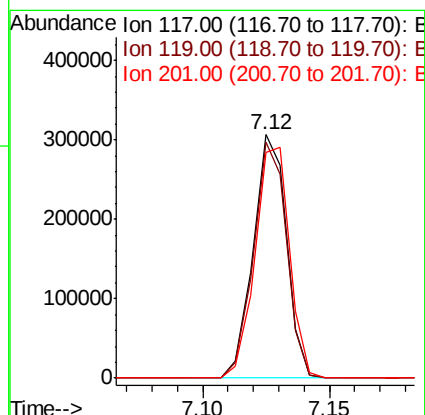
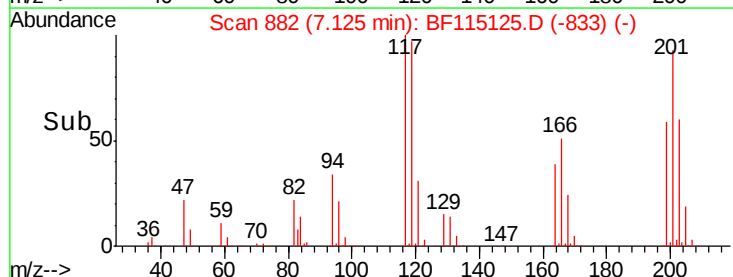
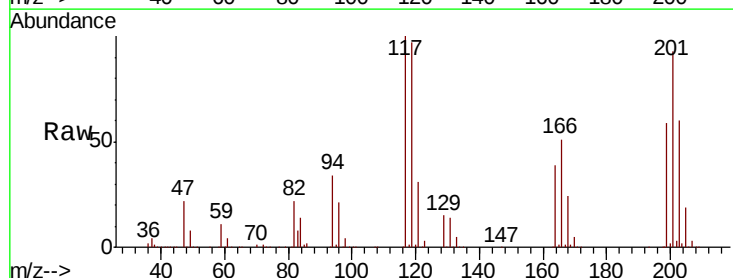
Instrument :
BNA_F
ClientSampleId :
SAMPLE-3MS

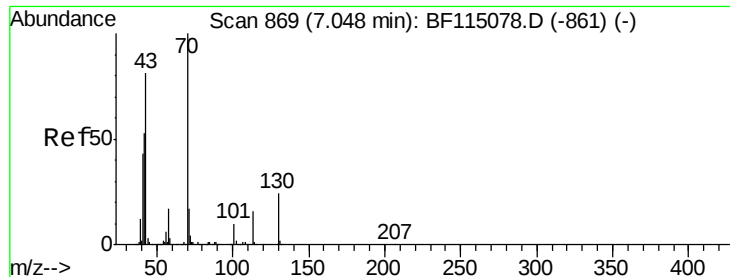
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.1	90.9	136.3
77	41.5	33.4	50.2
79	40.8	32.3	48.5



#18
Hexachloroethane
Concen: 37.268 ng
RT: 7.12 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF115125.D
Acq: 22 Jun 2019 17:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	76.6	114.8
201	92.8	80.2	120.2

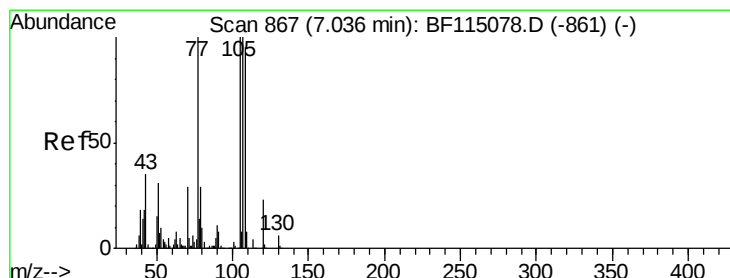
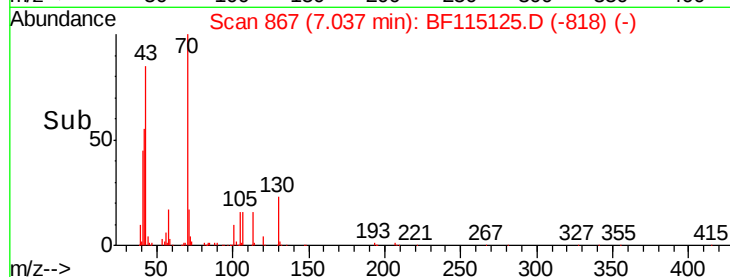
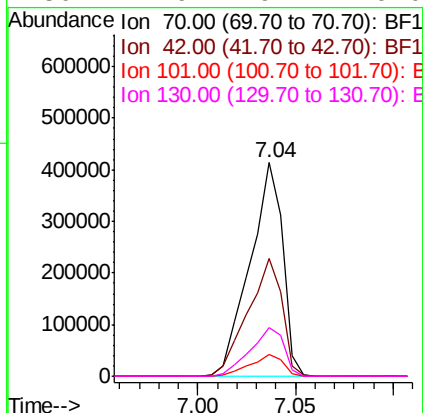
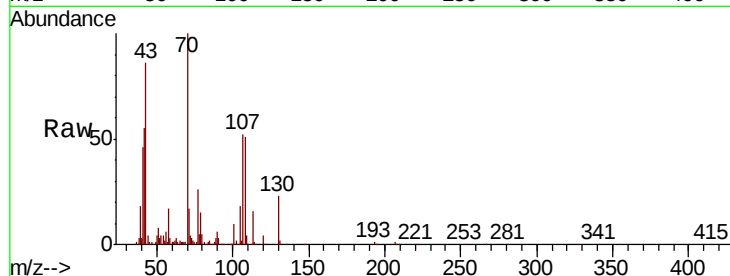




#19
n-Nitroso-di-n-propylamine
Concen: 37.148 ng
RT: 7.04 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF115125.D
Acq: 22 Jun 2019 17:17

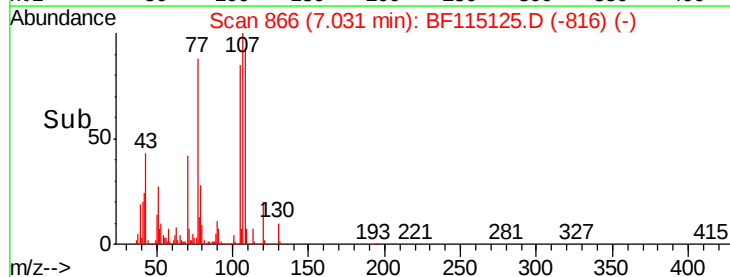
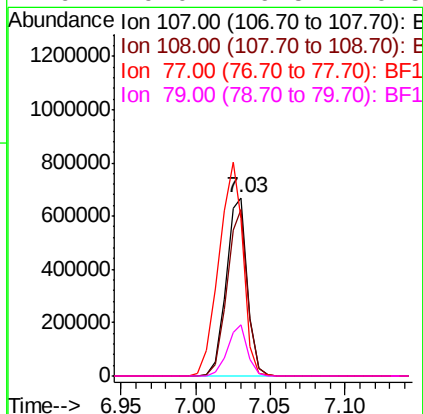
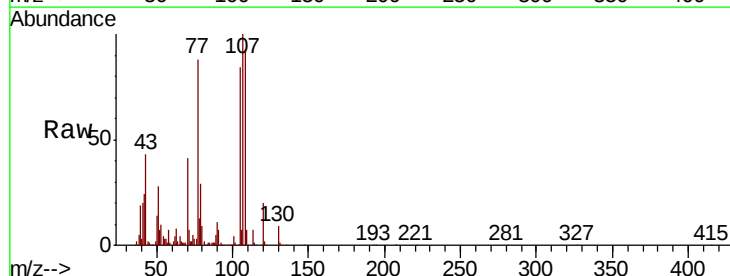
Instrument :
BNA_F
ClientSampleId :
SAMPLE-3MS

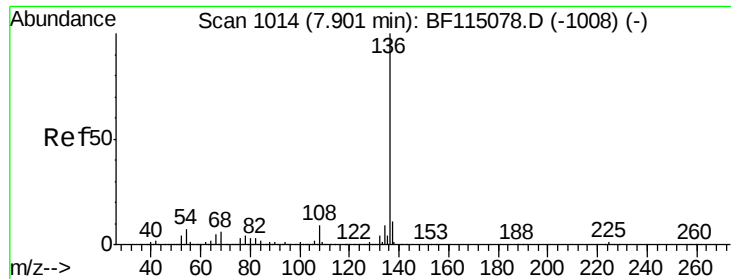
Tot Ion:	70	Resp:	482357
Ion	Ratio	Lower	Upper
70	100		
42	55.2	42.6	63.8
101	9.9	8.0	12.0
130	22.9	19.4	29.0



#20
3+4-Methylphenols
Concen: 37.603 ng
RT: 7.03 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF115125.D
Acq: 22 Jun 2019 17:17

Tgt Ion:	107	Resp:	673413
Ion	Ratio	Lower	Upper
107	100		
108	93.3	75.5	115.5
77	88.1	80.2	120.2
79	29.0	9.5	49.5

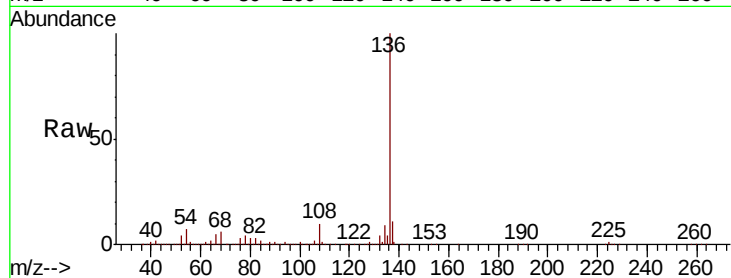




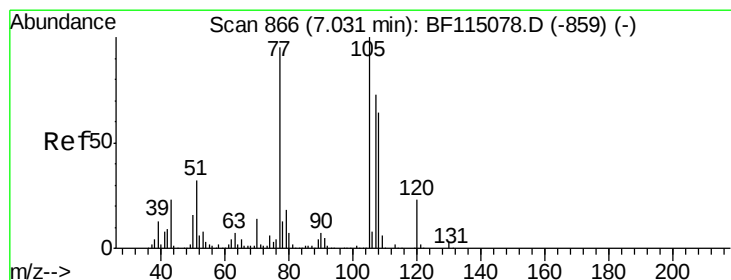
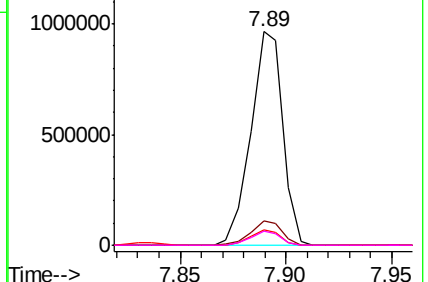
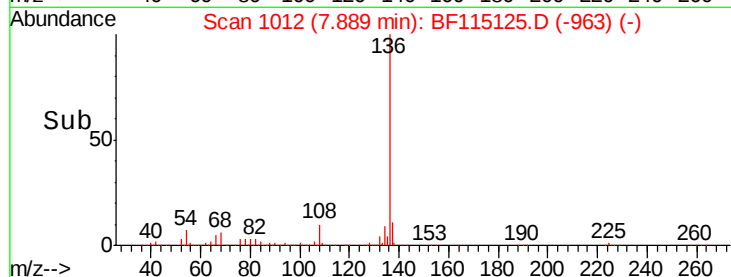
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF115125.D
Acq: 22 Jun 2019 17:17

Instrument :
BNA_F
ClientSampleId :
SAMPLE-3MS

Tot Ion:136	Resp: 1017448
Ion Ratio	Lower Upper
136 100	
137 11.4	8.9 13.3
54 7.3	5.6 8.4
68 6.3	4.8 7.2

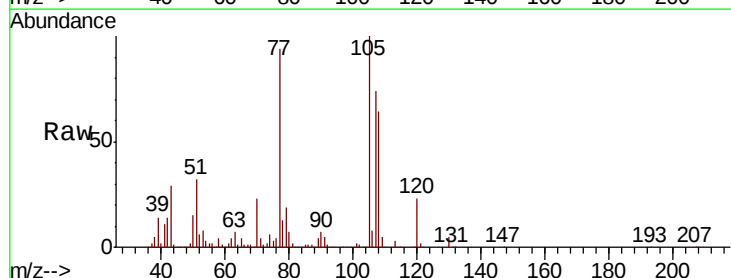


Abundance Ion 136.00 (135.70 to 136.70): E
1500000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

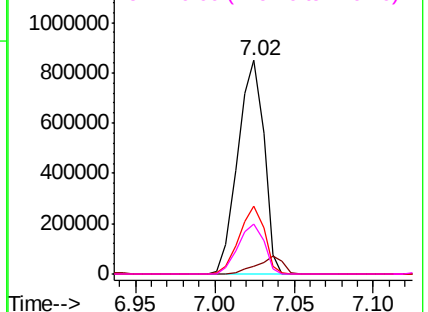
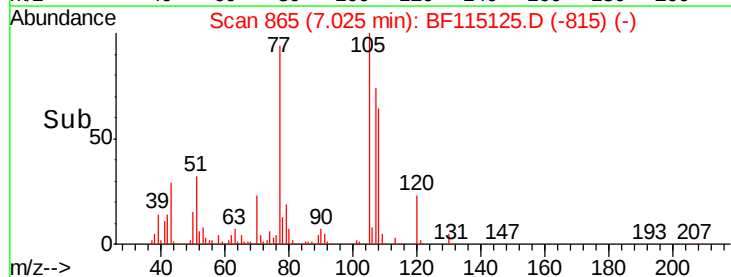


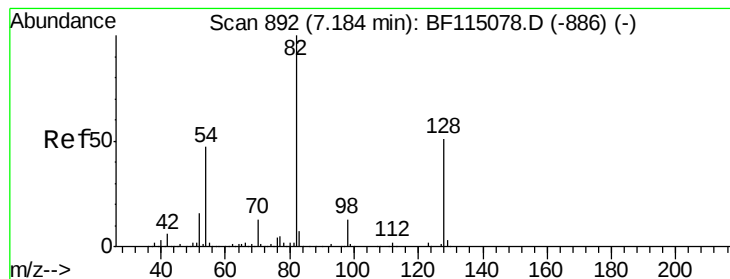
#22
Acetophenone
Concen: 41.721 ng
RT: 7.02 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF115125.D
Acq: 22 Jun 2019 17:17

Tgt	Ion:105	Resp:	971796
Ion	Ratio	Lower	Upper
105	100		
71	3.8	1.9	2.9#
51	31.9	25.8	38.8
120	23.1	18.5	27.7



Abundance Ion 105.00 (104.70 to 105.70): E
1200000
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: 84.930 ng

RT: 7.18 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF115125.D

Acq: 22 Jun 2019 17:17

Instrument :

BNA_F

ClientSampleId :

SAMPLE-3MS

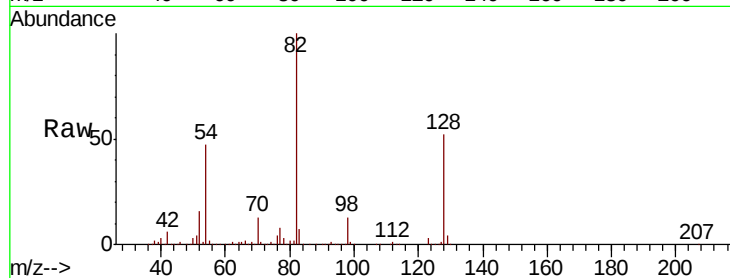
Tot Ion: 82 Resp: 1404726

Ion	Ratio	Lower	Upper
82	100		
128	52.3	40.4	60.6
54	46.8	37.5	56.3

82 100

128 52.3 40.4 60.6

54 46.8 37.5 56.3

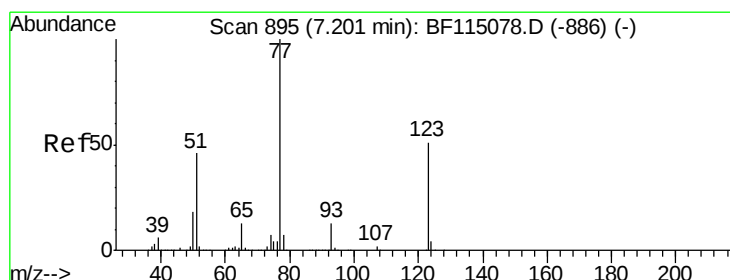
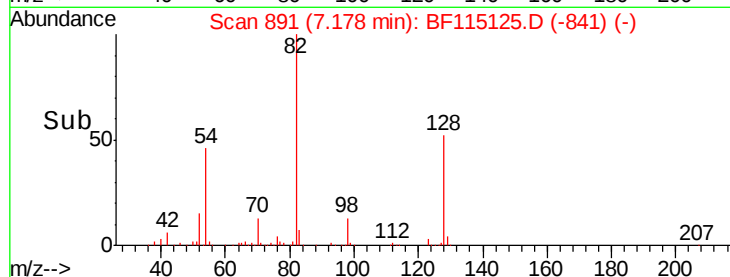
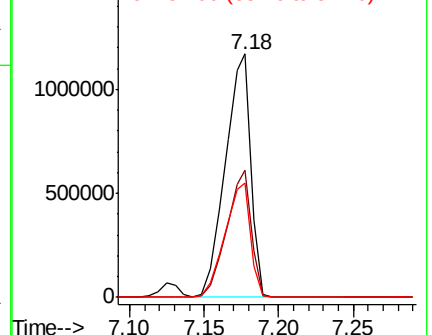


Abundance

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: 40.681 ng

RT: 7.20 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF115125.D

Acq: 22 Jun 2019 17:17

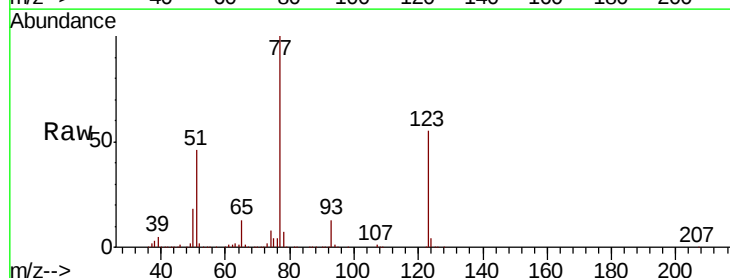
Tgt Ion: 77 Resp: 741271

Ion	Ratio	Lower	Upper
77	100		
123	54.7	41.0	61.6
65	13.0	10.5	15.7

77 100

123 54.7 41.0 61.6

65 13.0 10.5 15.7

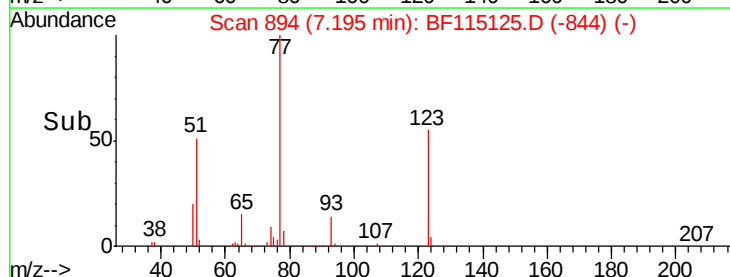
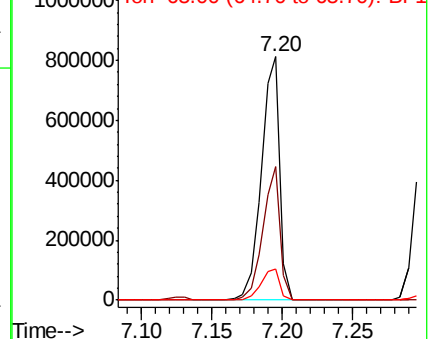


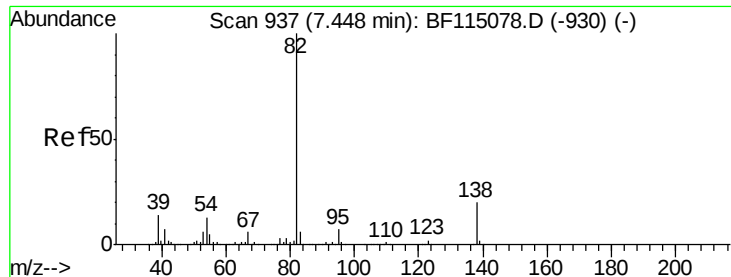
Abundance

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: 39.896 ng

RT: 7.44 min Scan# 935

Delta R.T. -0.01 min

Lab File: BF115125.D

Acq: 22 Jun 2019 17:17

Instrument :

BNA_F

ClientSampleId :

SAMPLE-3MS

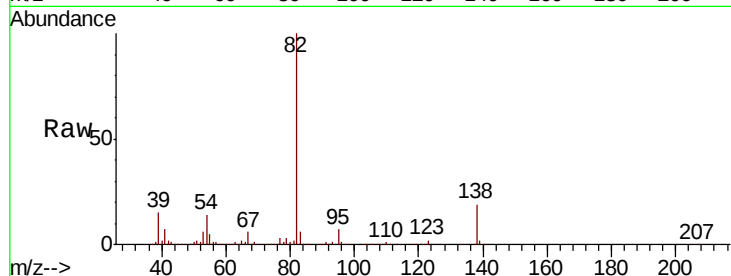
Tot Ion: 82 Resp: 1351785

Ion Ratio Lower Upper

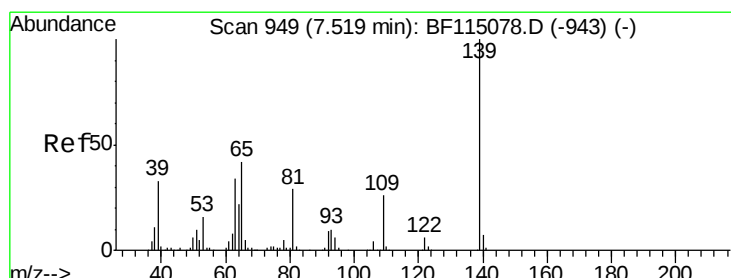
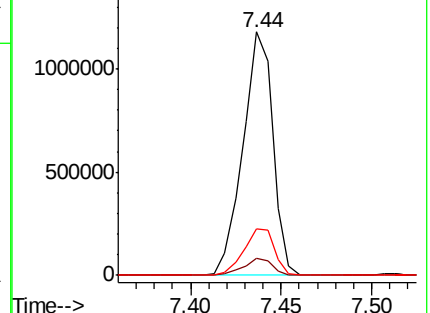
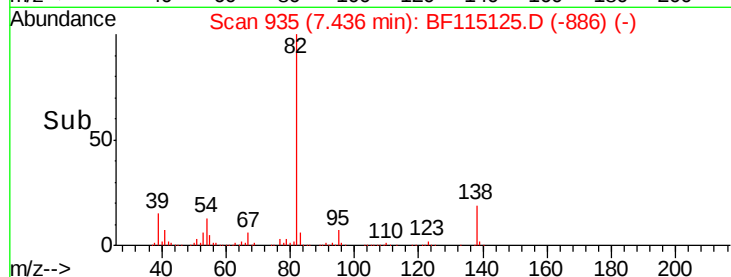
82 100

95 6.8 5.4 8.2

138 19.2 15.9 23.9



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



#26

2-Nitrophenol

Concen: 43.868 ng

RT: 7.51 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF115125.D

Acq: 22 Jun 2019 17:17

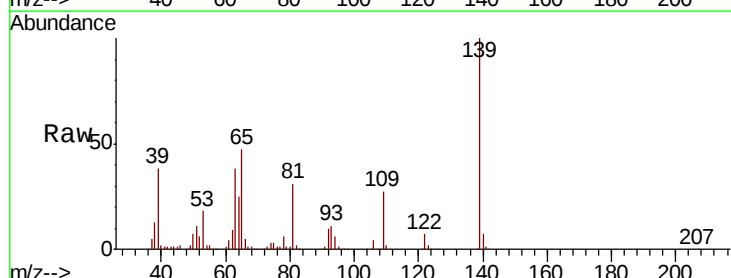
Tgt Ion: 139 Resp: 394752

Ion Ratio Lower Upper

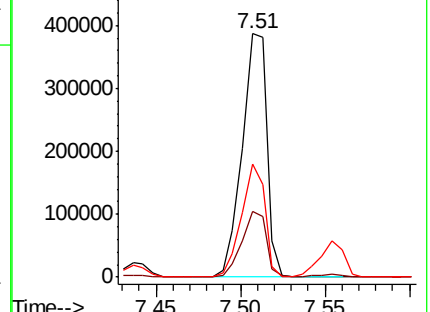
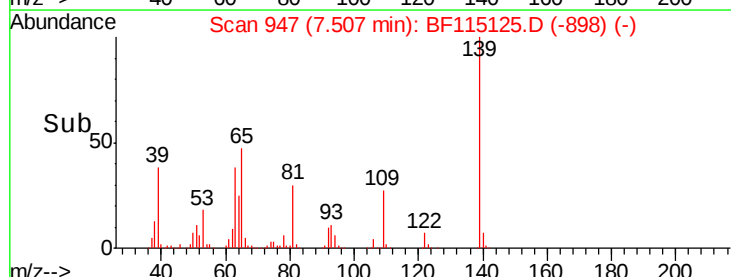
139 100

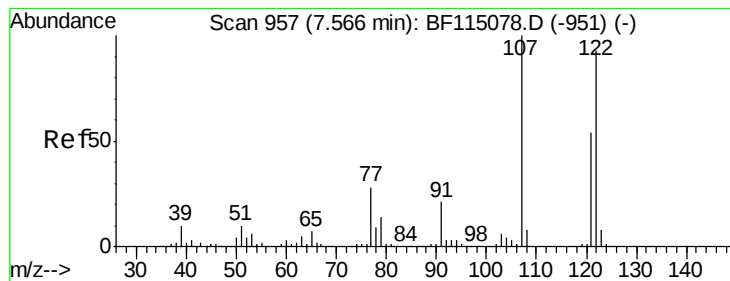
109 27.0 20.4 30.6

65 46.6 33.6 50.4



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





#27

2,4-Dimethylphenol

Concen: 44.322 ng

RT: 7.55 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF115125.D

Acq: 22 Jun 2019 17:17

Instrument :

BNA_F

ClientSampleId :

SAMPLE-3MS

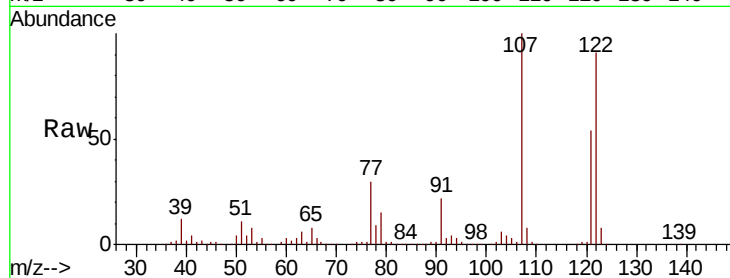
Tot Ion:122 Resp: 653003

Ion Ratio Lower Upper

122 100

107 110.1 85.8 128.6

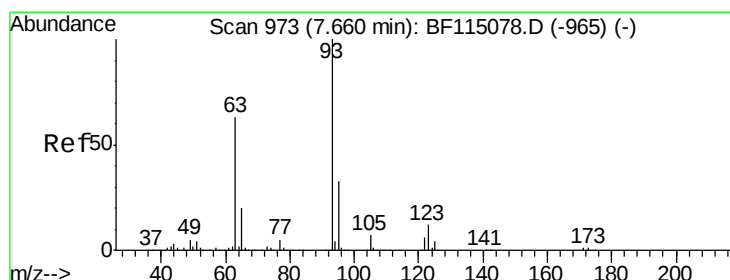
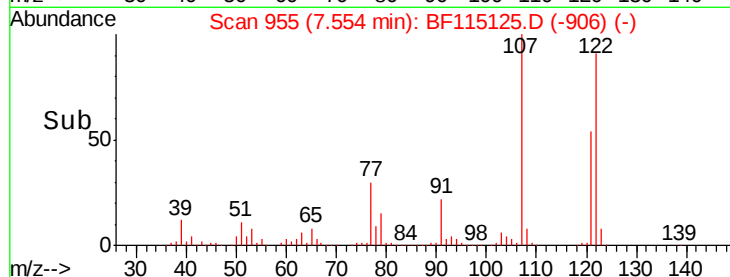
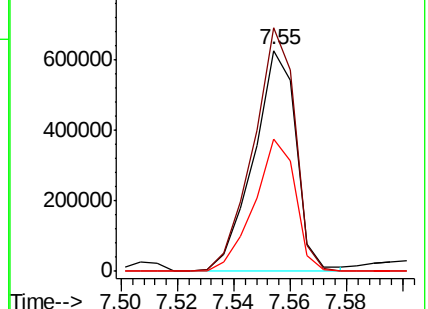
121 59.7 46.3 69.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.157 ng

RT: 7.65 min Scan# 972

Delta R.T. -0.01 min

Lab File: BF115125.D

Acq: 22 Jun 2019 17:17

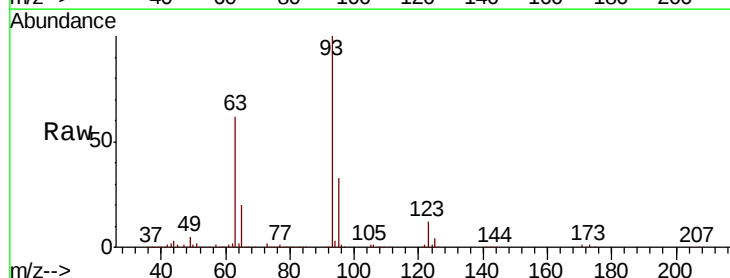
Tgt Ion: 93 Resp: 859970

Ion Ratio Lower Upper

93 100

95 33.0 26.2 39.4

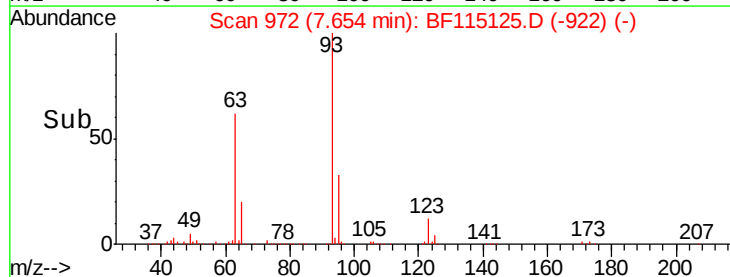
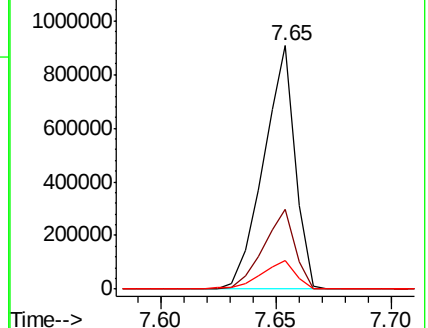
123 12.0 9.7 14.5



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

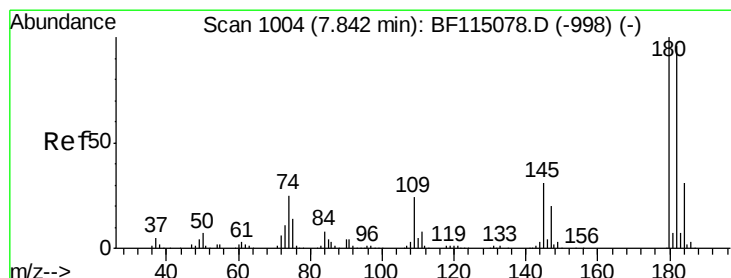
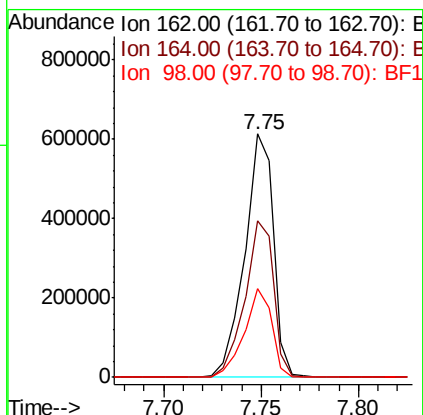
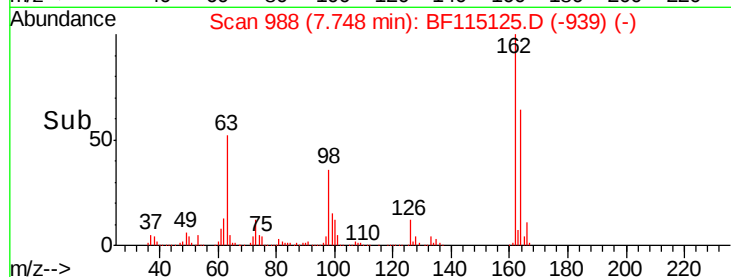
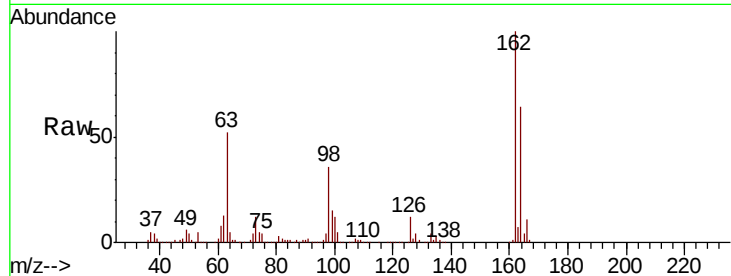




#29
2,4-Dichlorophenol
Concen: 41.212 ng
RT: 7.75 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF115125.D
Acq: 22 Jun 2019 17:17

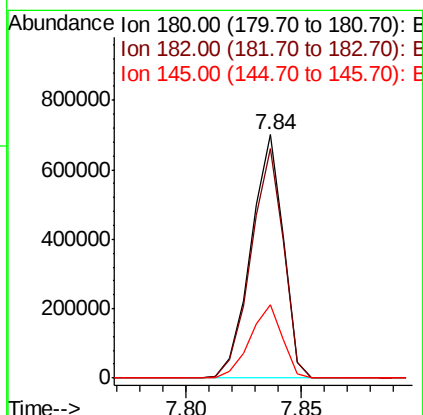
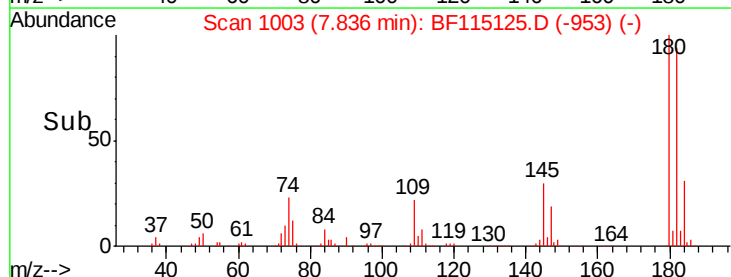
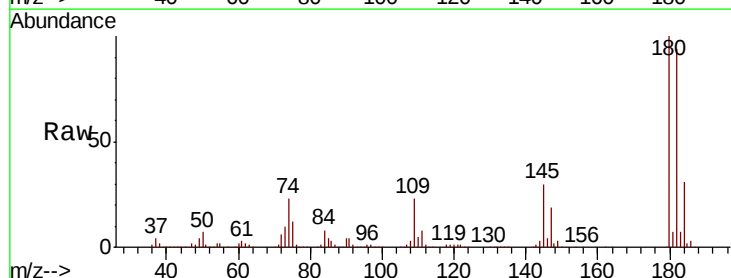
Instrument :
BNA_F
ClientSampleId :
SAMPLE-3MS

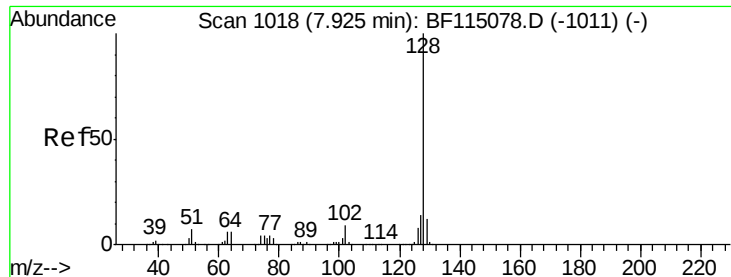
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	45.3	85.3
98	36.2	12.5	52.5



#30
1,2,4-Trichlorobenzene
Concen: 40.821 ng
RT: 7.84 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF115125.D
Acq: 22 Jun 2019 17:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.4	114.6
145	30.1	24.8	37.2

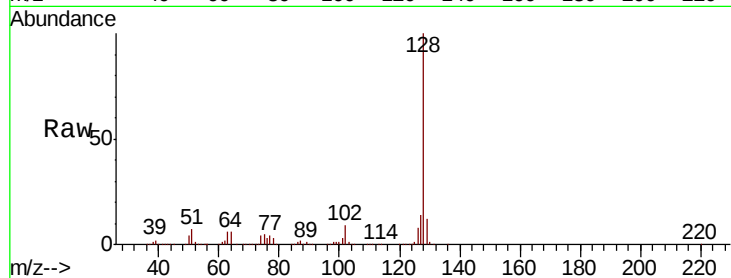




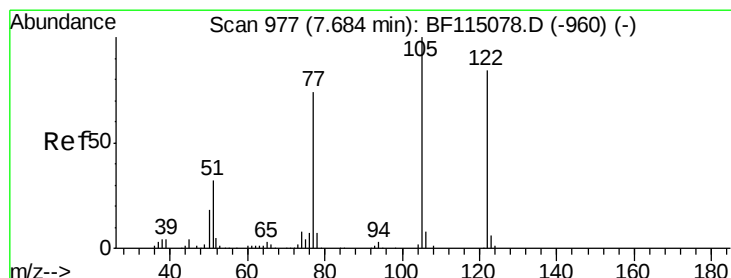
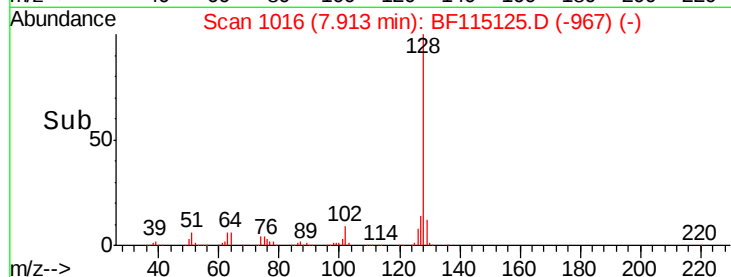
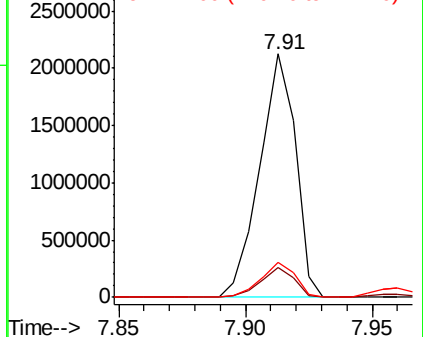
#31
Naphthalene
Concen: 41.752 ng
RT: 7.91 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF115125.D
Acq: 22 Jun 2019 17:17

Instrument :
BNA_F
ClientSampleId :
SAMPLE-3MS

Tot Ion:128 Resp: 2085261
Ion Ratio Lower Upper
128 100
129 12.2 9.6 14.4
127 14.1 11.4 17.0

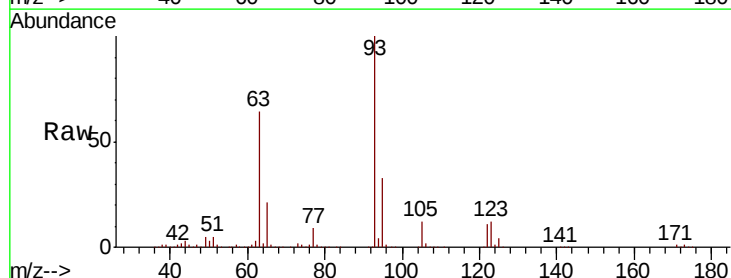


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

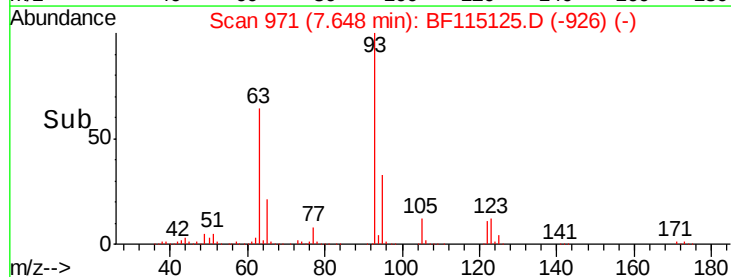
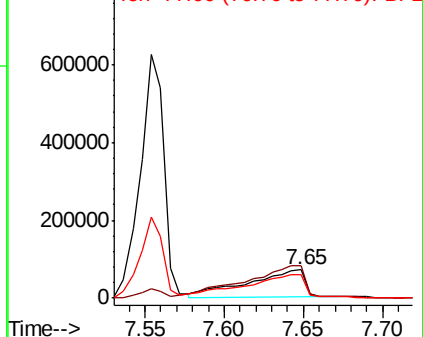


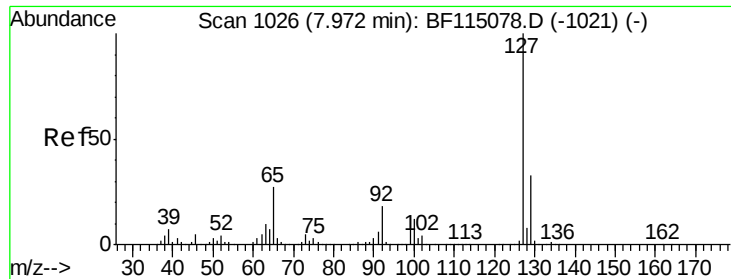
#32
Benzoic acid
Concen: 16.571 ng
RT: 7.65 min Scan# 971
Delta R.T. -0.04 min
Lab File: BF115125.D
Acq: 22 Jun 2019 17:17

Tgt Ion:122 Resp: 174269
Ion Ratio Lower Upper
122 100
105 115.0 98.2 138.2
77 82.8 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

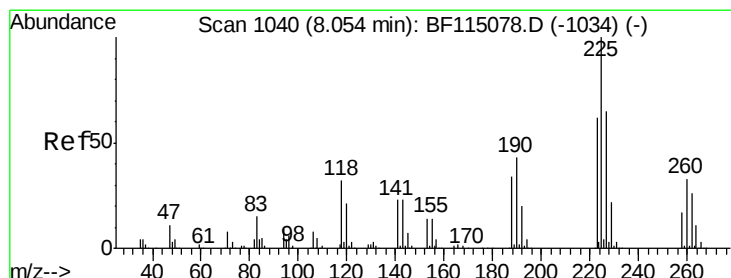
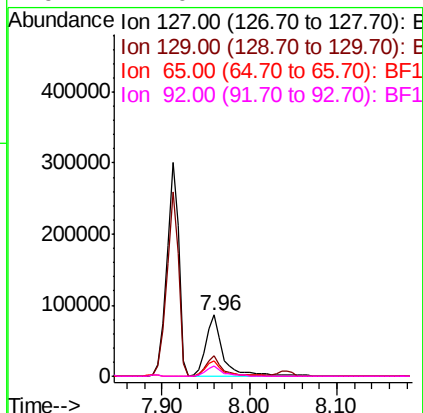
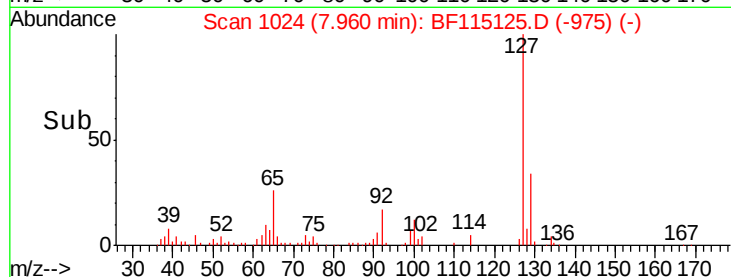
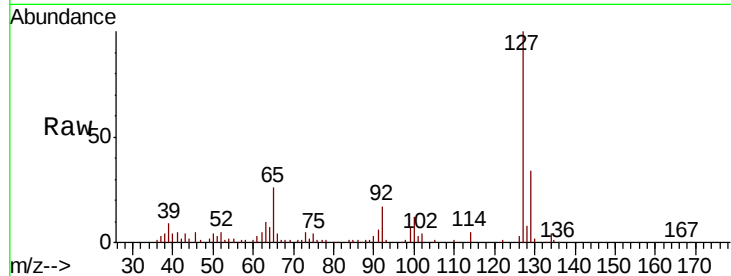




#33
4-Chloroaniline
Concen: 5.045 ng
RT: 7.96 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF115125.D
Acq: 22 Jun 2019 17:17

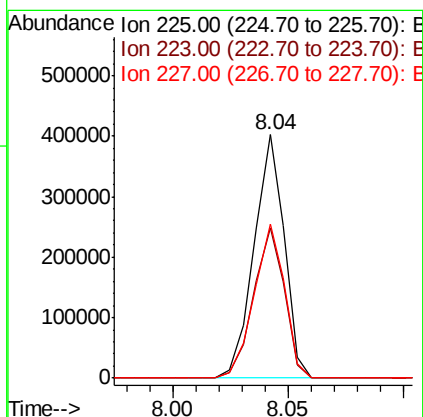
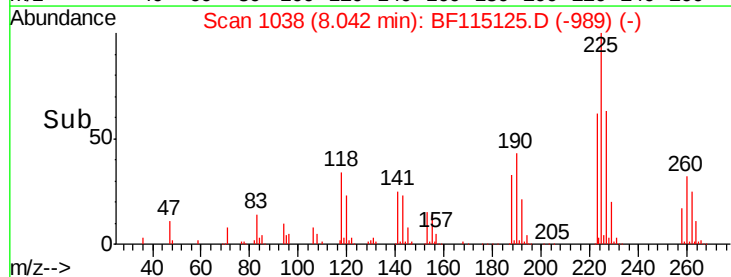
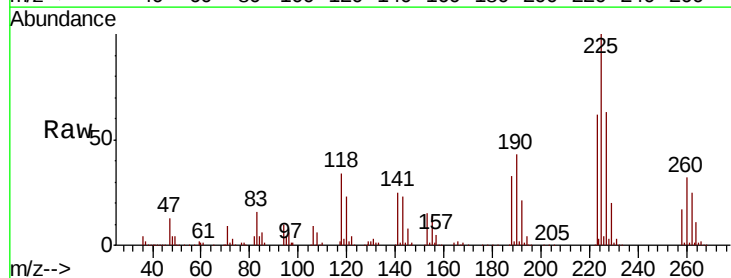
Instrument :
BNA_F
ClientSampleId :
SAMPLE-3MS

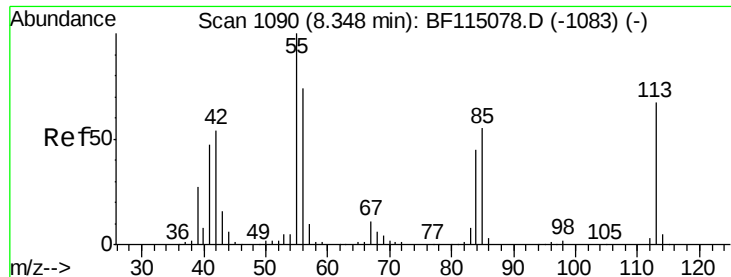
Tot Ion:	127	Resp:	115162
Ion	Ratio	Lower	Upper
127	100		
129	34.0	26.1	39.1
65	26.0	21.4	32.2
92	17.0	14.1	21.1



#34
Hexachlorobutadiene
Concen: 39.934 ng
RT: 8.04 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF115125.D
Acq: 22 Jun 2019 17:17

Tgt Ion:	225	Resp:	367533
Ion	Ratio	Lower	Upper
225	100		
223	61.5	49.4	74.2
227	63.0	51.8	77.8

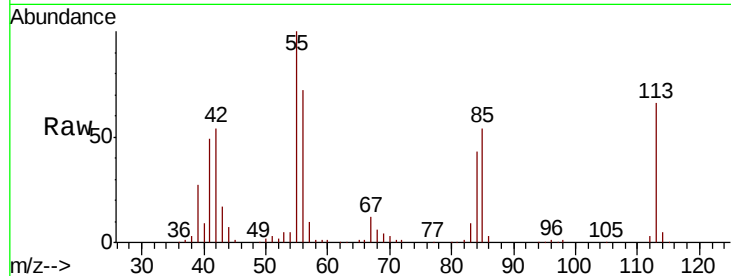




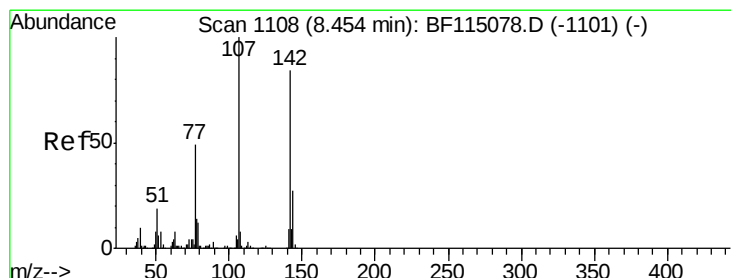
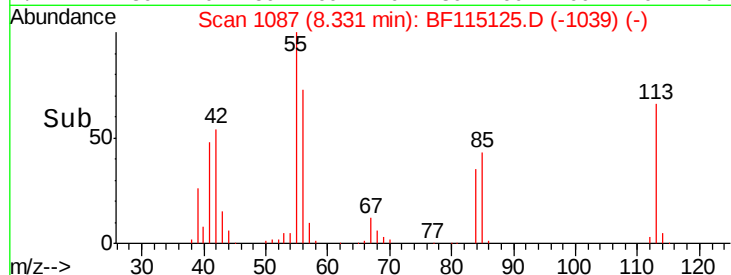
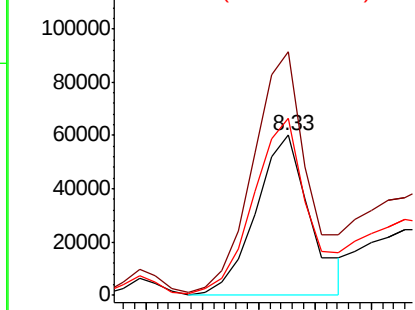
#35
 Caprolactam
 Concen: 15.679 ng
 RT: 8.33 min Scan# 1087
 Delta R.T. -0.02 min
 Lab File: BF115125.D
 Acq: 22 Jun 2019 17:17

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-3MS

Tot Ion:113 Resp: 80151
 Ion Ratio Lower Upper
 113 100
 55 152.2 130.2 170.2
 56 110.4 91.6 131.6

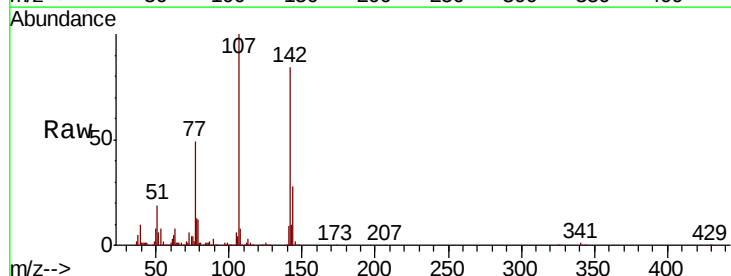


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

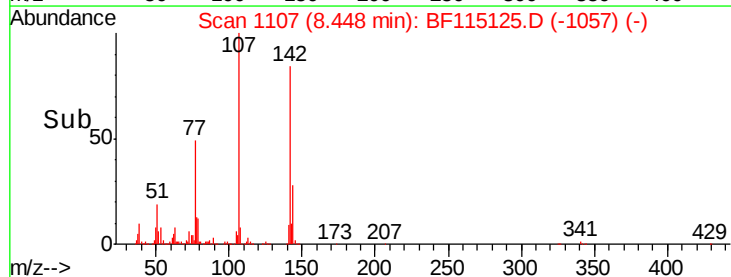
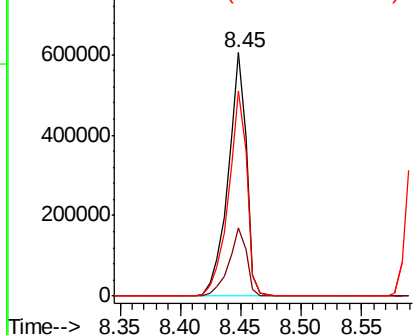


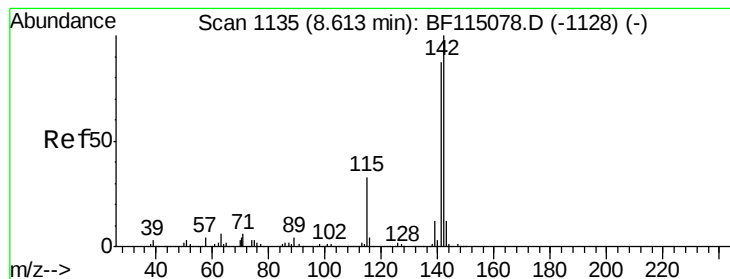
#36
 4-Chloro-3-methylphenol
 Concen: 41.160 ng
 RT: 8.45 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: BF115125.D
 Acq: 22 Jun 2019 17:17

Tgt Ion:107 Resp: 633792
 Ion Ratio Lower Upper
 107 100
 144 28.0 21.7 32.5
 142 84.3 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: 42.627 ng

RT: 8.61 min Scan# 1134

Delta R.T. -0.01 min

Lab File: BF115125.D

Acq: 22 Jun 2019 17:17

Instrument :

BNA_F

ClientSampleId :

SAMPLE-3MS

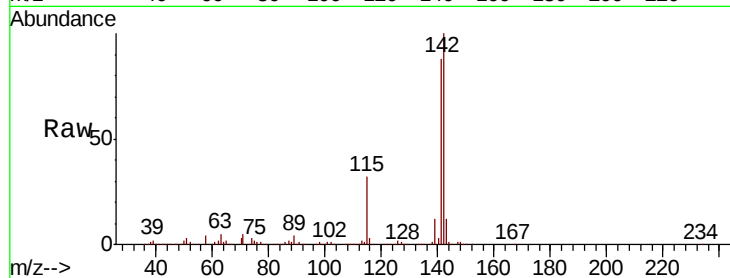
Tot Ion:142 Resp: 1435454

Ion Ratio Lower Upper

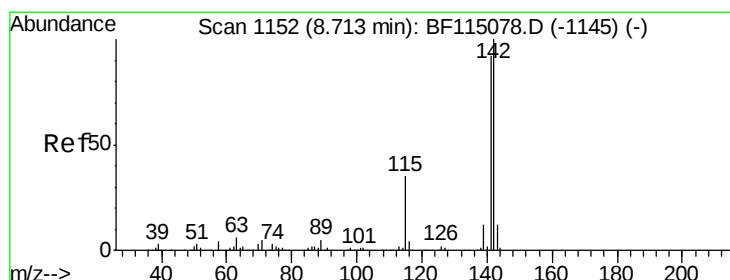
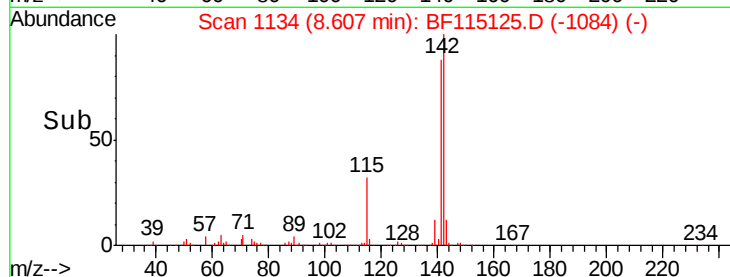
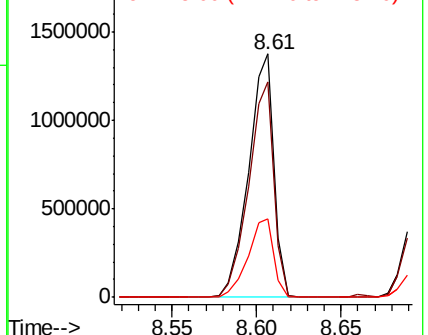
142 100

141 88.2 69.8 104.6

115 32.4 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: 41.947 ng

RT: 8.70 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF115125.D

Acq: 22 Jun 2019 17:17

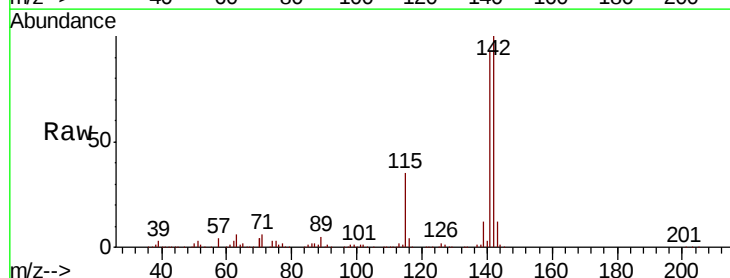
Tgt Ion:142 Resp: 1349100

Ion Ratio Lower Upper

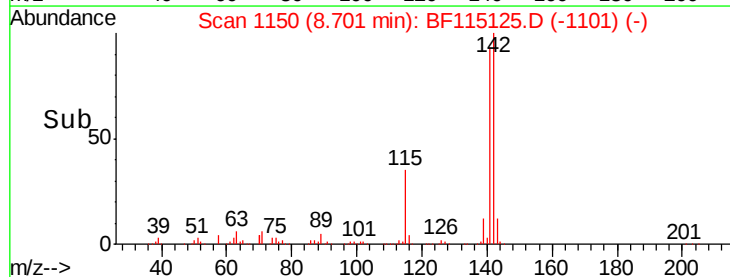
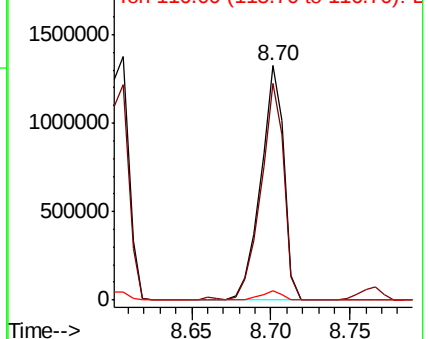
142 100

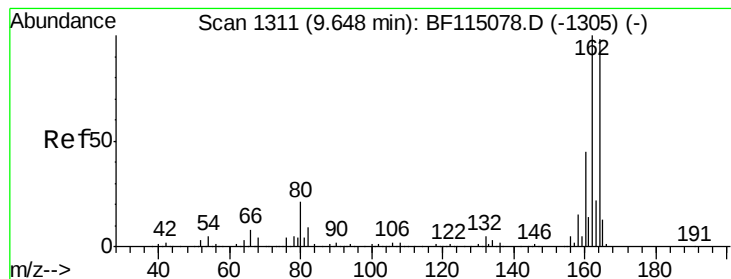
141 92.6 73.8 110.8

116 3.8 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: 9.64 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF115125.D

Acq: 22 Jun 2019 17:17

Instrument :

BNA_F

ClientSampleId :

SAMPLE-3MS

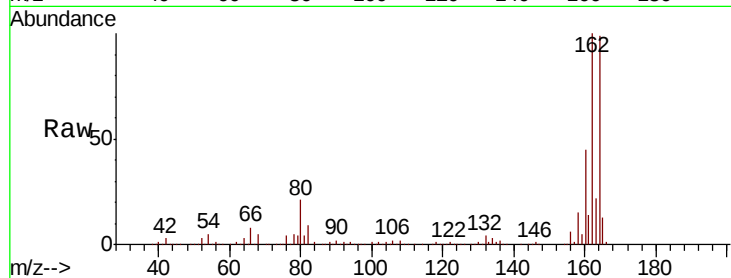
Tot Ion:164 Resp: 504018

Ion Ratio Lower Upper

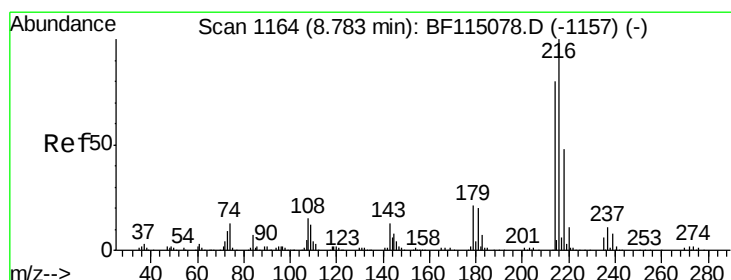
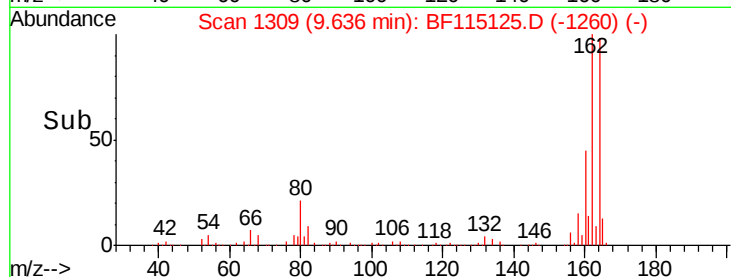
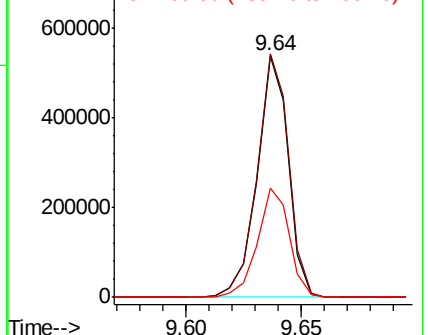
164 100

162 100.7 81.7 122.5

160 45.2 37.0 55.4



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.788 ng

RT: 8.77 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF115125.D

Acq: 22 Jun 2019 17:17

Tgt Ion:216 Resp: 595169

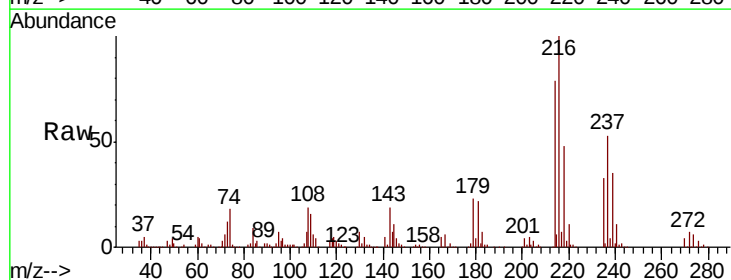
Ion Ratio Lower Upper

216 100

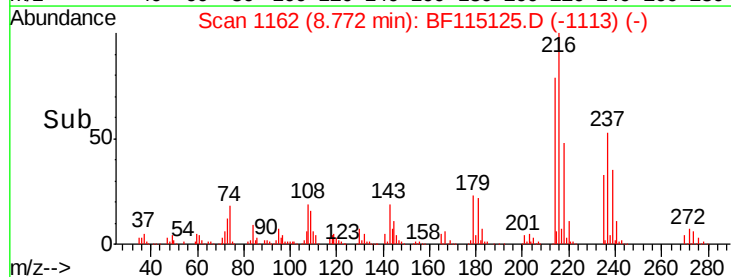
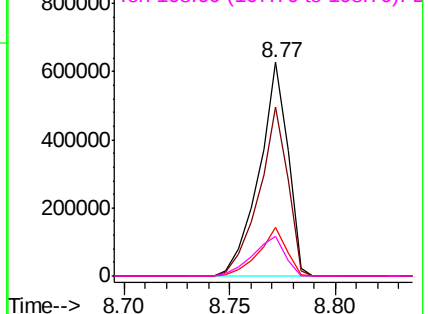
214 78.9 63.8 95.6

179 22.2 17.6 26.4

108 20.4 15.7 23.5



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 69.826 ng

RT: 8.77 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BF115125.D

Acq: 22 Jun 2019 17:17

Instrument :

BNA_F

ClientSampleId :

SAMPLE-3MS

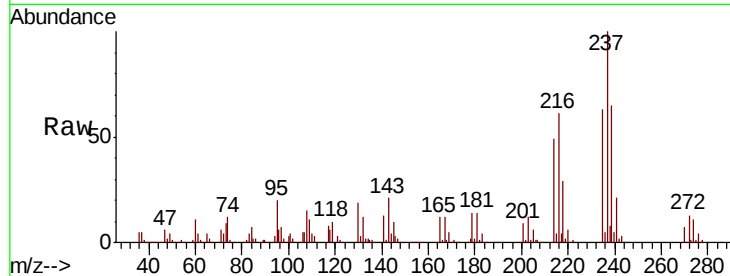
Tot Ion:237 Resp: 589712

Ion Ratio Lower Upper

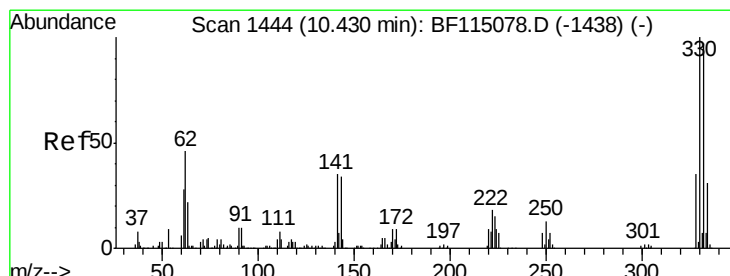
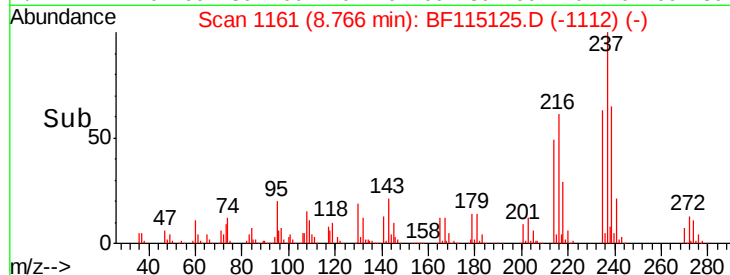
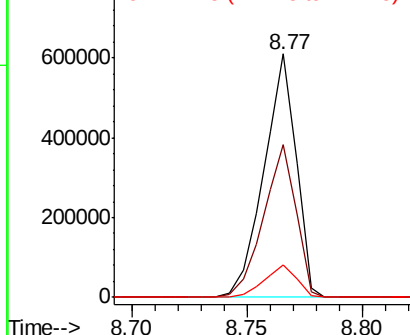
237 100

235 62.8 43.9 83.9

272 13.1 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: 120.687 ng

RT: 10.42 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF115125.D

Acq: 22 Jun 2019 17:17

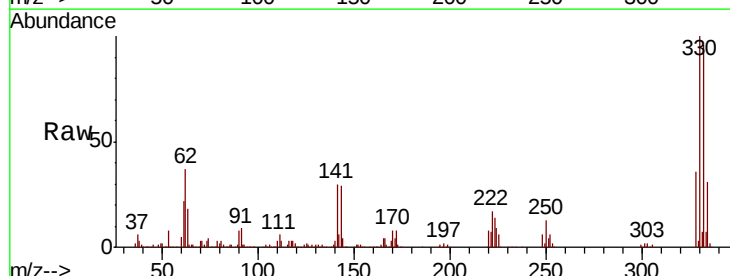
Tgt Ion:330 Resp: 641457

Ion Ratio Lower Upper

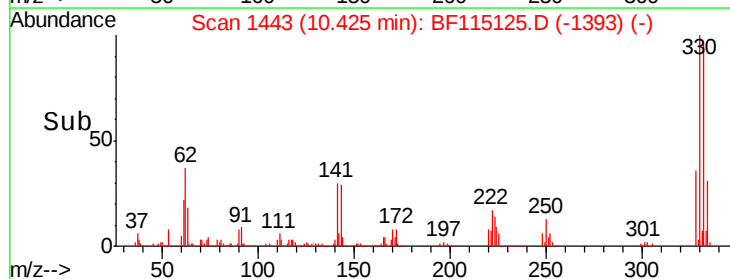
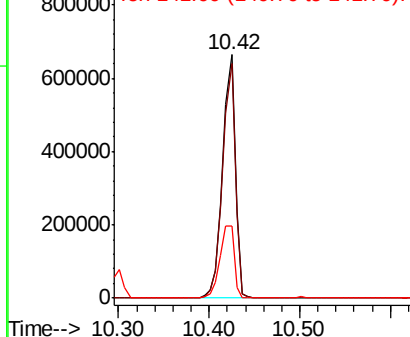
330 100

332 95.9 77.3 115.9

141 33.4 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

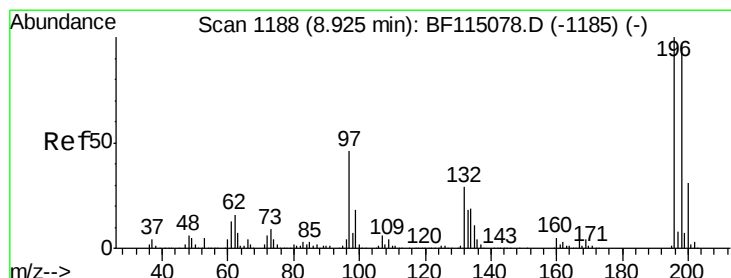
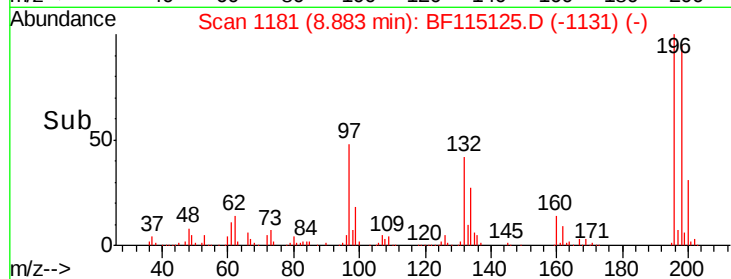
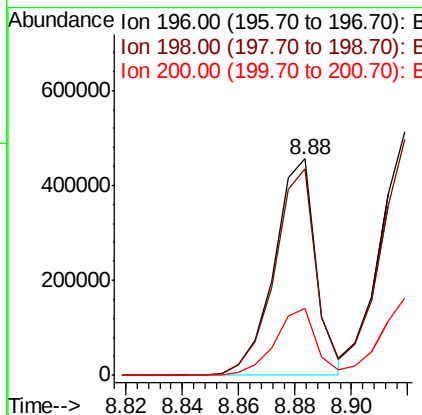
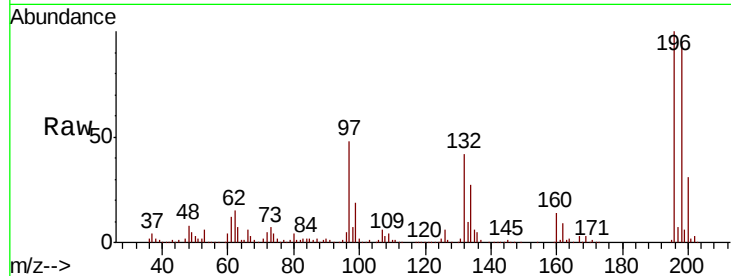




#43
 2,4,6-Trichlorophenol
 Concen: 42.587 ng
 RT: 8.88 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF115125.D
 Acq: 22 Jun 2019 17:17

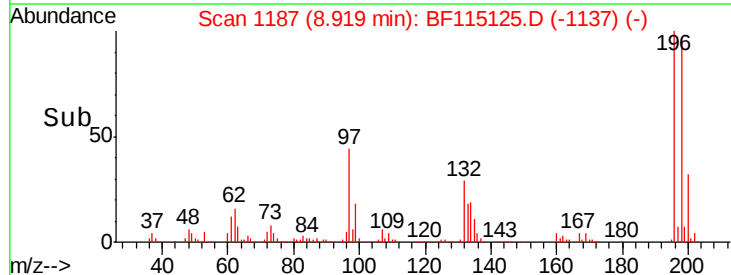
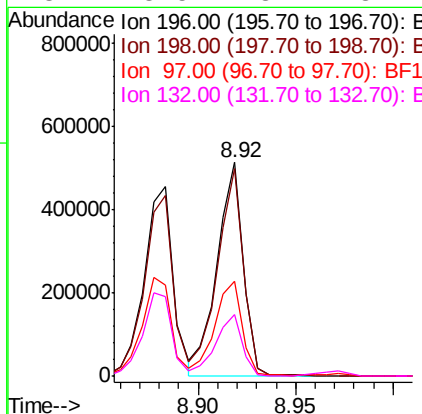
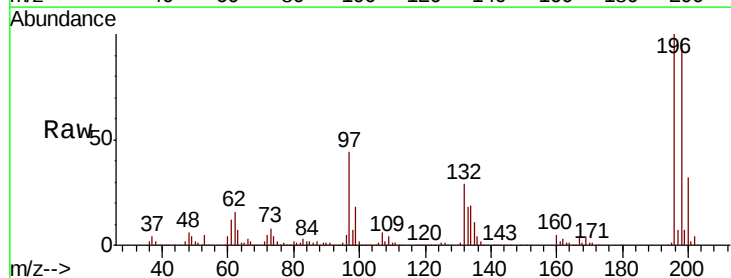
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-3MS

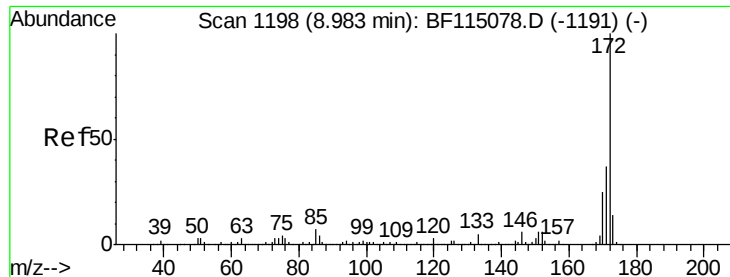
Tot Ion:196 Resp: 468281
 Ion Ratio Lower Upper
 196 100
 198 95.4 76.3 114.5
 200 30.9 24.2 36.4



#44
 2,4,5-Trichlorophenol
 Concen: 42.113 ng
 RT: 8.92 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF115125.D
 Acq: 22 Jun 2019 17:17

Tgt Ion:196 Resp: 476870
 Ion Ratio Lower Upper
 196 100
 198 96.8 77.1 115.7
 97 44.3 37.7 56.5
 132 28.5 23.1 34.7

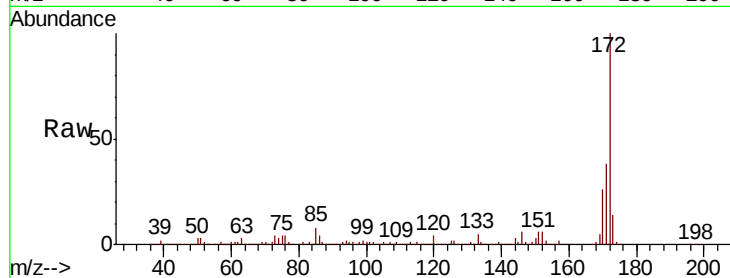




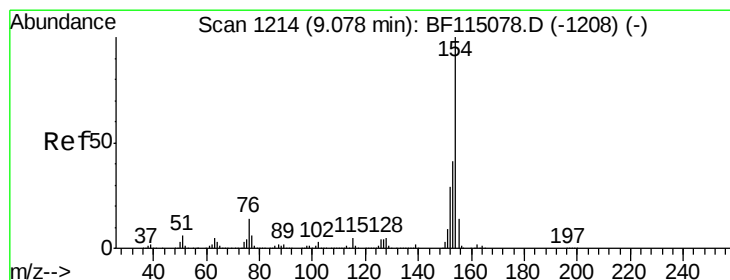
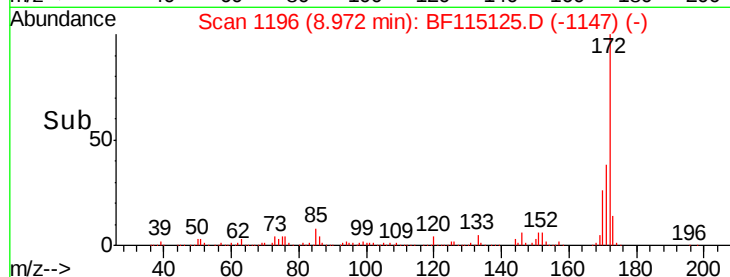
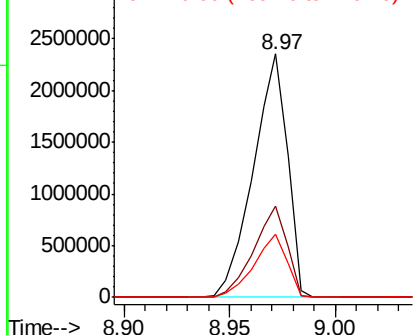
#45
2-Fluorobiphenyl
Concen: 88.888 ng
RT: 8.97 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF115125.D
Acq: 22 Jun 2019 17:17

Instrument :
BNA_F
ClientSampleId :
SAMPLE-3MS

Tot Ion:172 Resp: 2637495
Ion Ratio Lower Upper
172 100
171 37.6 29.8 44.6
170 25.8 20.3 30.5

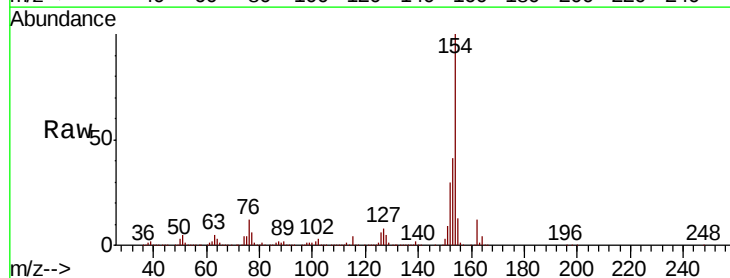


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

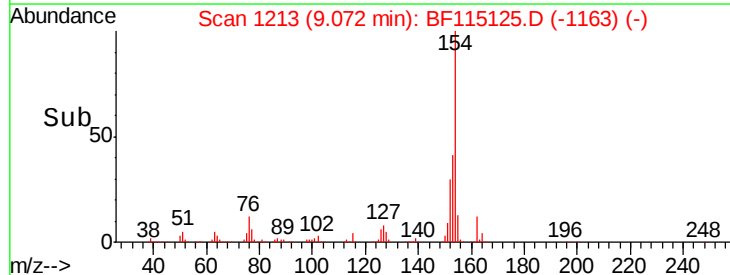
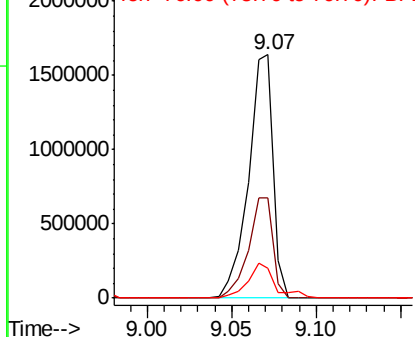


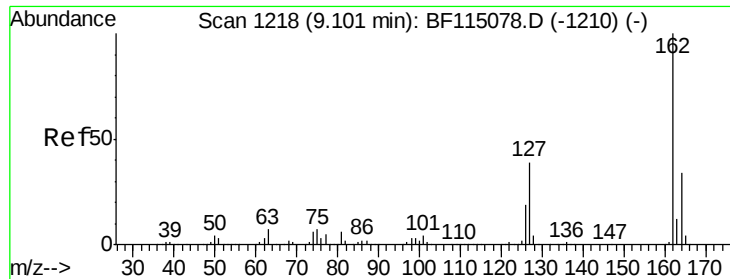
#46
1,1'-Biphenyl
Concen: 41.465 ng
RT: 9.07 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF115125.D
Acq: 22 Jun 2019 17:17

Tgt Ion:154 Resp: 1672222
Ion Ratio Lower Upper
154 100
153 41.1 20.9 60.9
76 12.3 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

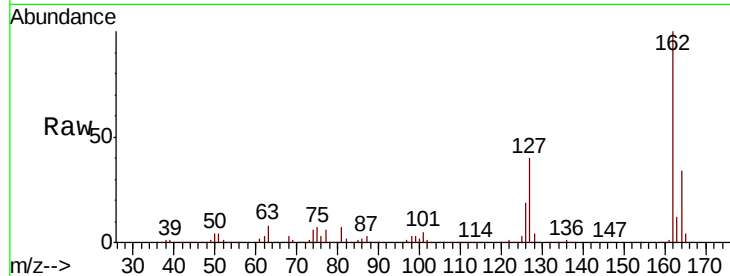




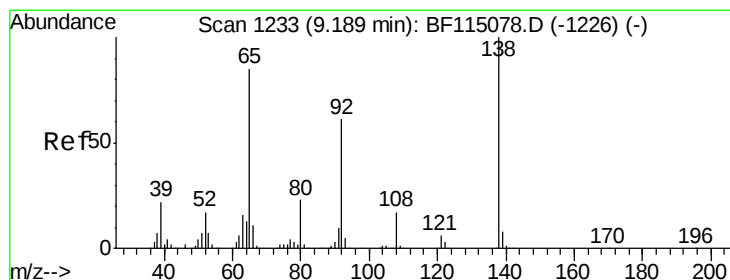
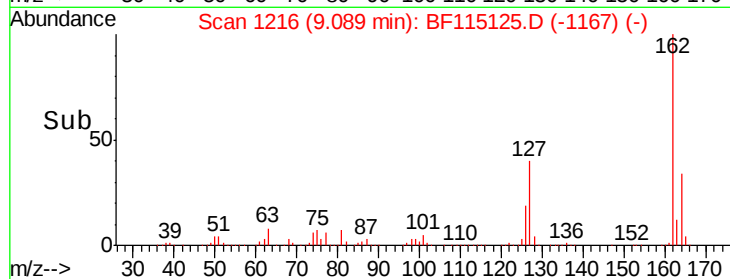
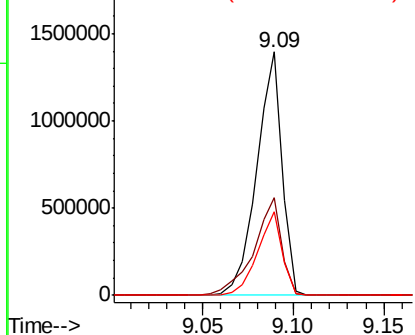
#47
2-Chloronaphthalene
Concen: 41.183 ng
RT: 9.09 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF115125.D
Acq: 22 Jun 2019 17:17

Instrument :
BNA_F
ClientSampleId :
SAMPLE-3MS

Tot Ion:162 Resp: 1347200
Ion Ratio Lower Upper
162 100
127 40.0 30.8 46.2
164 34.5 27.0 40.4

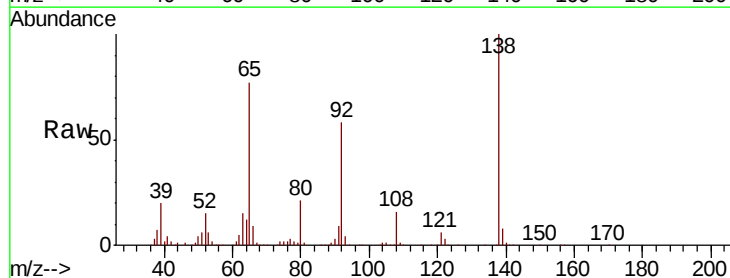


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

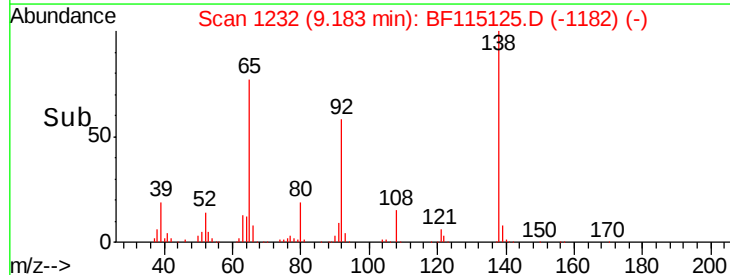
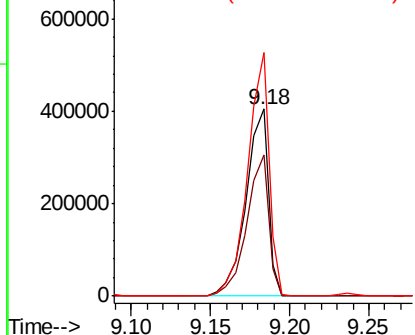


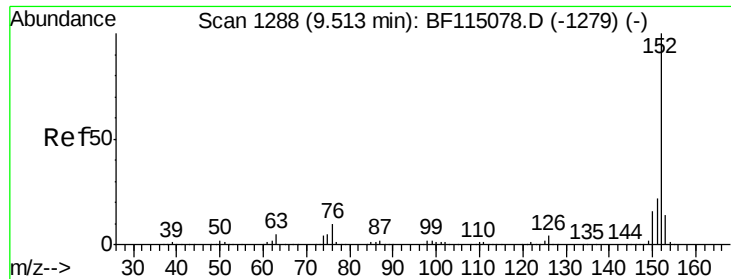
#48
2-Nitroaniline
Concen: 41.434 ng
RT: 9.18 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF115125.D
Acq: 22 Jun 2019 17:17

Tgt Ion: 65 Resp: 395162
Ion Ratio Lower Upper
65 100
92 75.3 57.4 86.2
138 130.1 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: 41.271 ng

RT: 9.50 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF115125.D

Acq: 22 Jun 2019 17:17

Instrument :

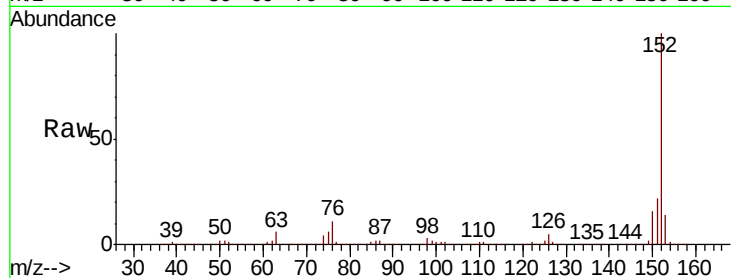
BNA_F

ClientSampleId :

SAMPLE-3MS

Tot Ion:152 Resp: 2103480

Ion	Ratio	Lower	Upper
152	100		
151	21.9	17.2	25.8
153	14.5	11.0	16.6

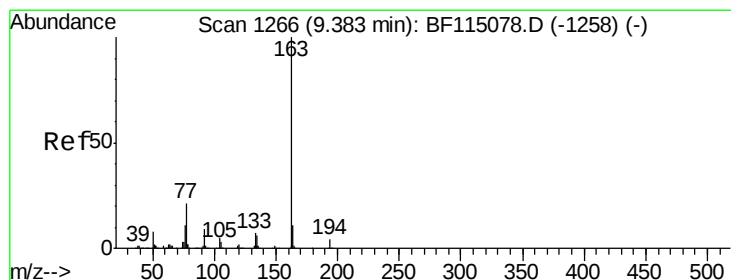
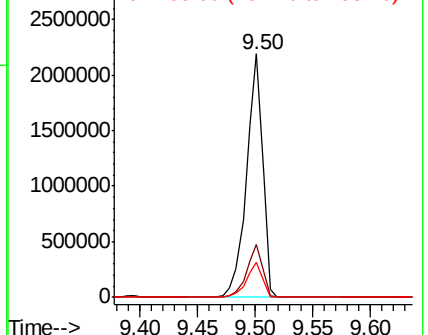
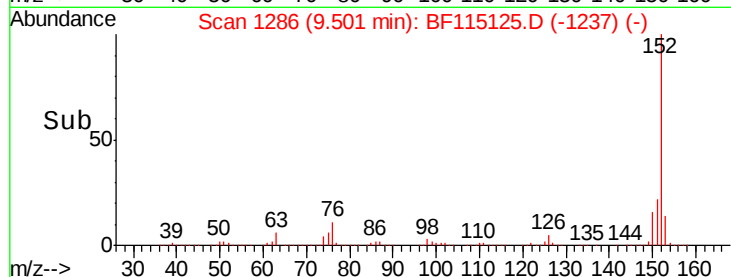


Abundance

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: 41.013 ng

RT: 9.38 min Scan# 1265

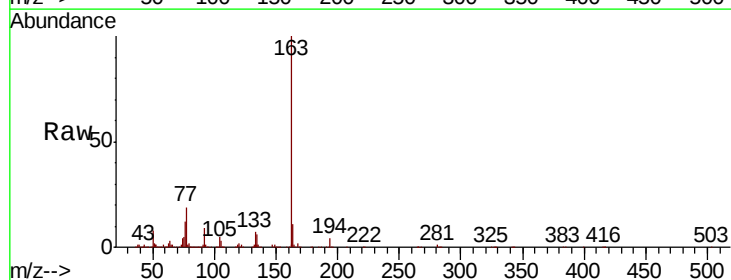
Delta R.T. -0.01 min

Lab File: BF115125.D

Acq: 22 Jun 2019 17:17

Tgt Ion:163 Resp: 1520837

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.6	8.6	13.0

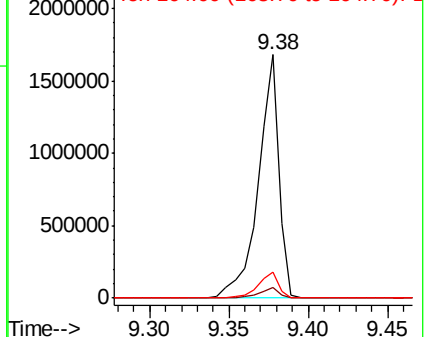
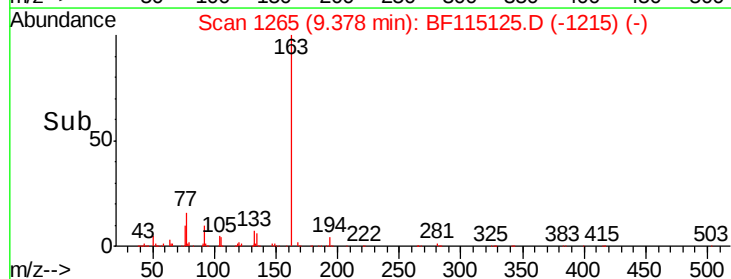


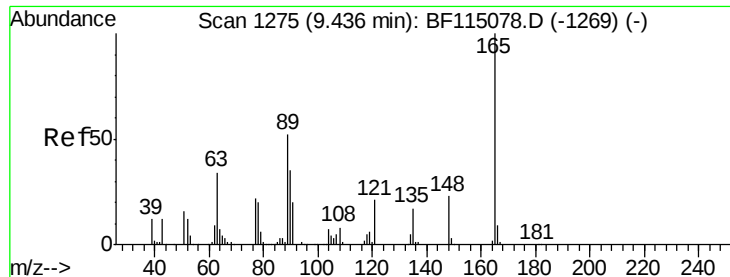
Abundance

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

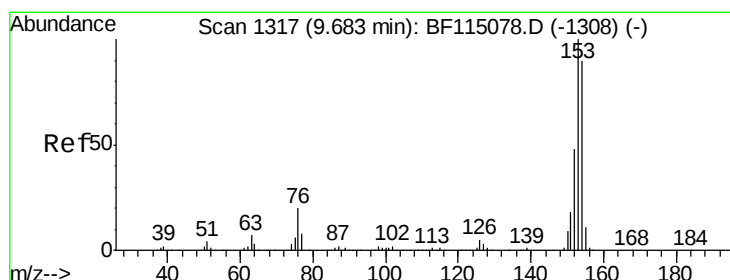
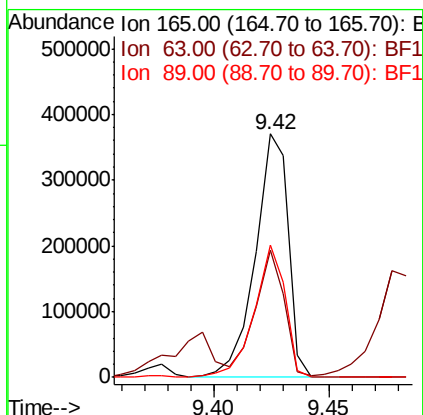
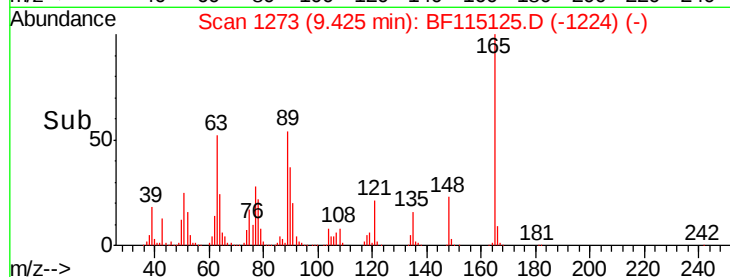
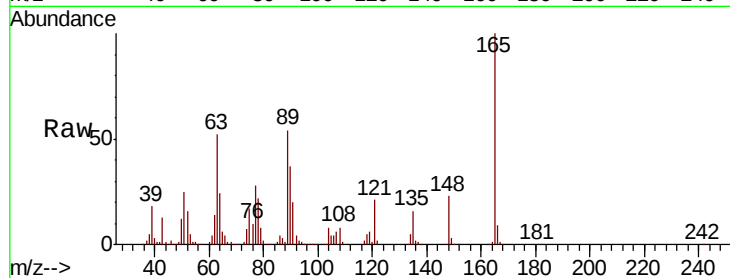




#51
 2,6-Dinitrotoluene
 Concen: 43.116 ng
 RT: 9.42 min Scan# 1273
 Delta R.T. -0.01 min
 Lab File: BF115125.D
 Acq: 22 Jun 2019 17:17

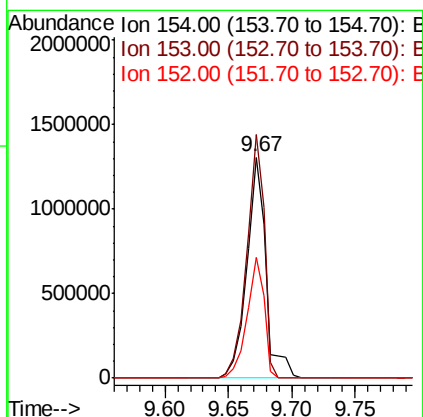
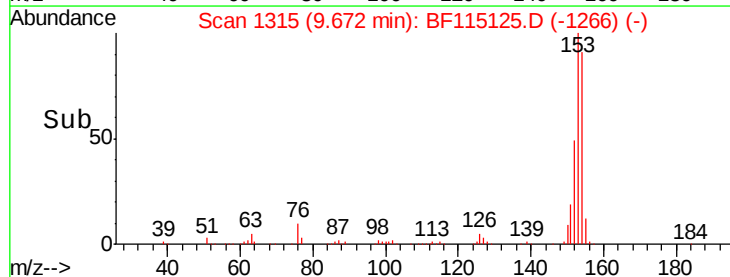
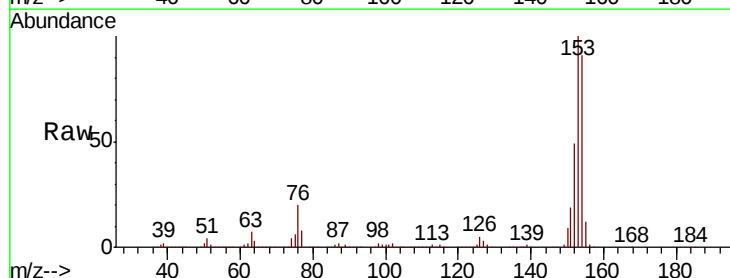
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-3MS

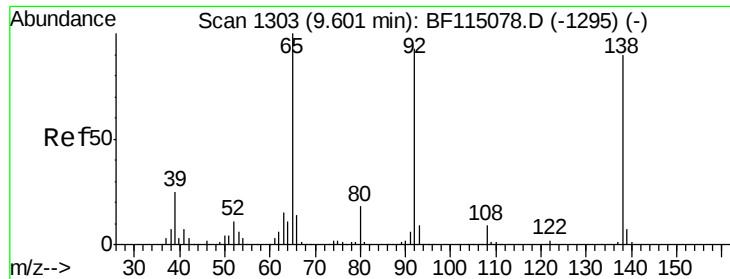
Tot Ion:165 Resp: 369116
 Ion Ratio Lower Upper
 165 100
 63 52.2 39.4 59.2
 89 54.5 42.0 63.0



#52
 Acenaphthene
 Concen: 42.580 ng
 RT: 9.67 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF115125.D
 Acq: 22 Jun 2019 17:17

Tgt Ion:154 Resp: 1358005
 Ion Ratio Lower Upper
 154 100
 153 110.3 88.7 133.1
 152 54.6 42.6 64.0

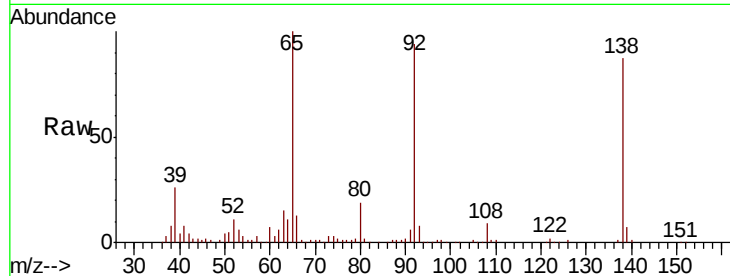




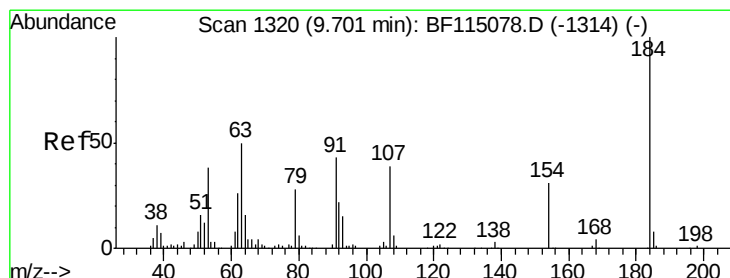
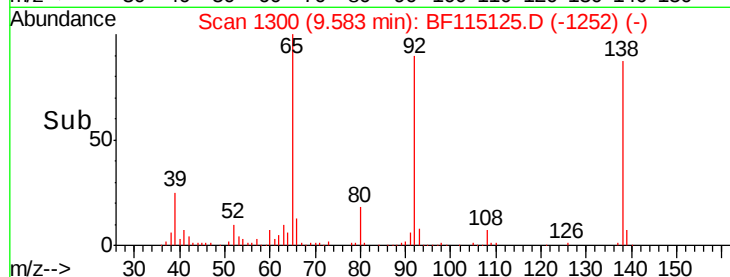
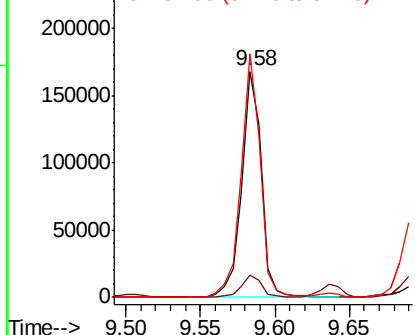
#53
3-Nitroaniline
Concen: 14.741 ng
RT: 9.58 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BF115125.D
Acq: 22 Jun 2019 17:17

Instrument :
BNA_F
ClientSampleId :
SAMPLE-3MS

Tot Ion:138 Resp: 154006
Ion Ratio Lower Upper
138 100
108 10.0 7.8 11.6
92 107.8 82.9 124.3

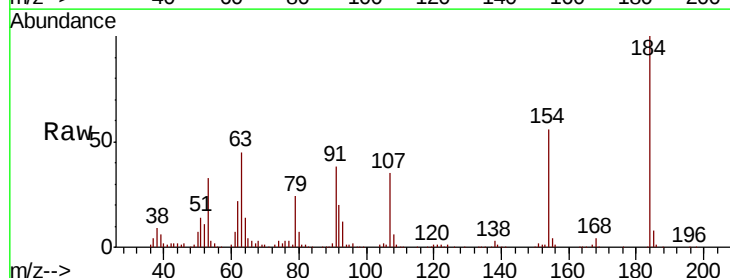


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

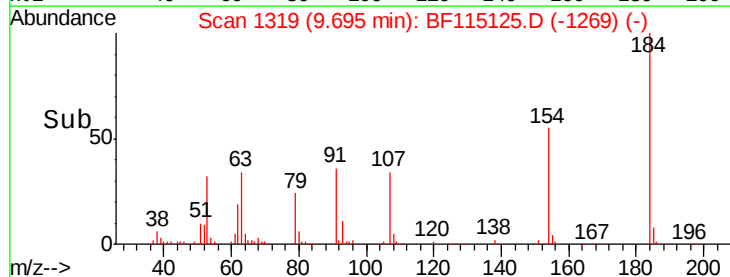
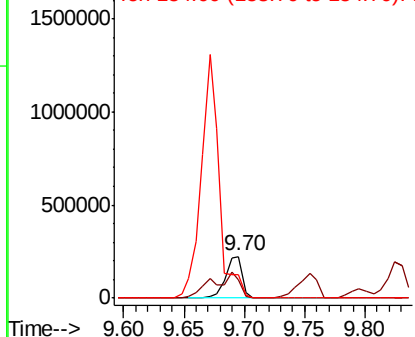


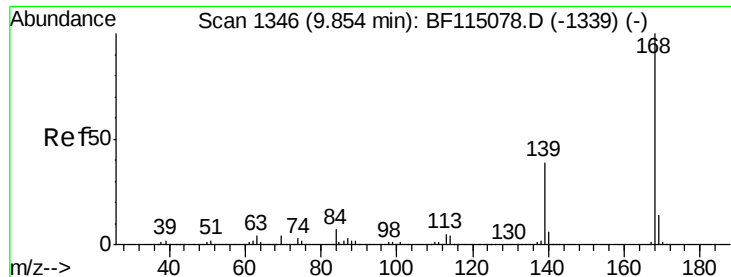
#54
2,4-Dinitrophenol
Concen: 51.007 ng
RT: 9.70 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF115125.D
Acq: 22 Jun 2019 17:17

Tgt Ion:184 Resp: 211786
Ion Ratio Lower Upper
184 100
63 44.7 41.9 62.9
154 55.7 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

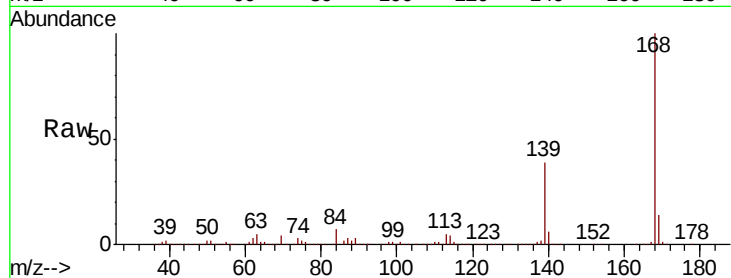




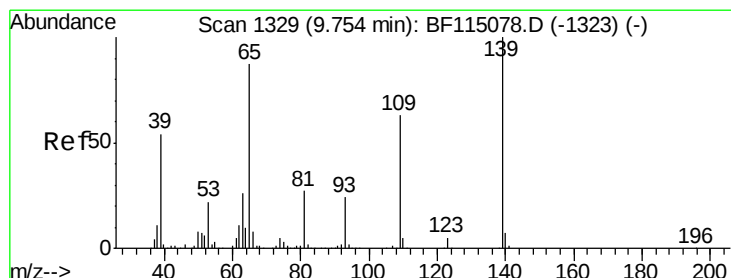
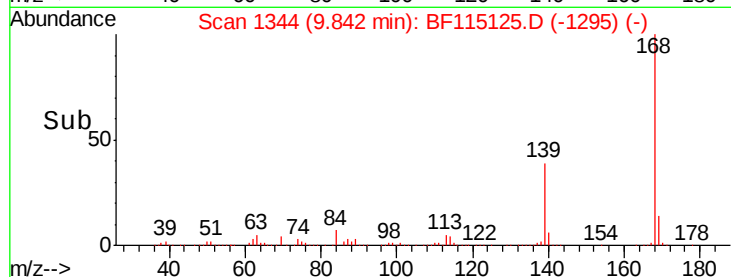
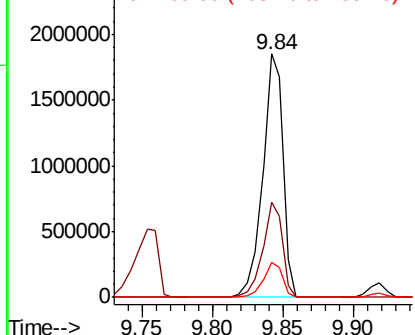
#55
Dibenzofuran
Concen: 41.065 ng
RT: 9.84 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF115125.D
Acq: 22 Jun 2019 17:17

Instrument :
BNA_F
ClientSampleId :
SAMPLE-3MS

Tot Ion:168 Resp: 1879735
Ion Ratio Lower Upper
168 100
139 39.3 31.1 46.7
169 14.4 11.3 16.9

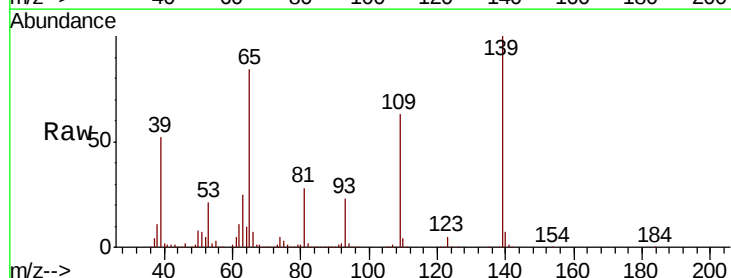


Abundance Ion 168.00 (167.70 to 168.70): E
2500000
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

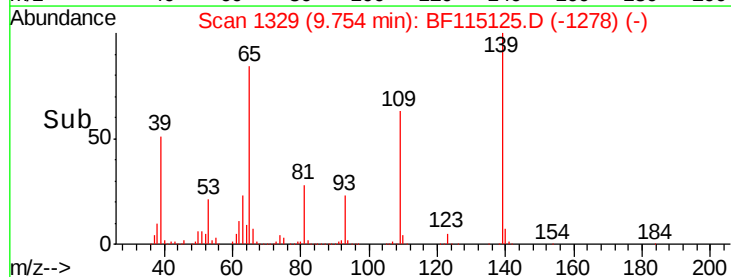
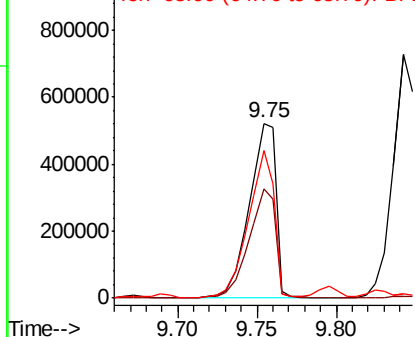


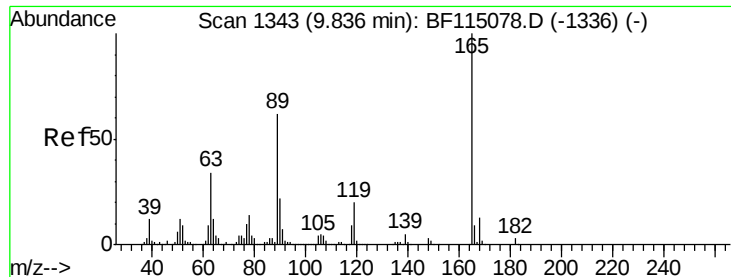
#56
4-Nitrophenol
Concen: 73.315 ng
RT: 9.75 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF115125.D
Acq: 22 Jun 2019 17:17

Tgt Ion:139 Resp: 614054
Ion Ratio Lower Upper
139 100
109 62.6 43.0 83.0
65 84.3 67.0 107.0



Abundance Ion 139.00 (138.70 to 139.70): E
1000000
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

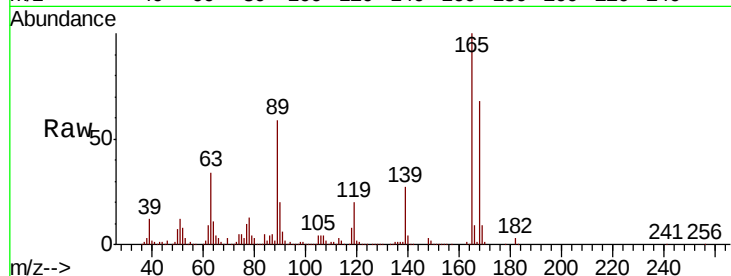




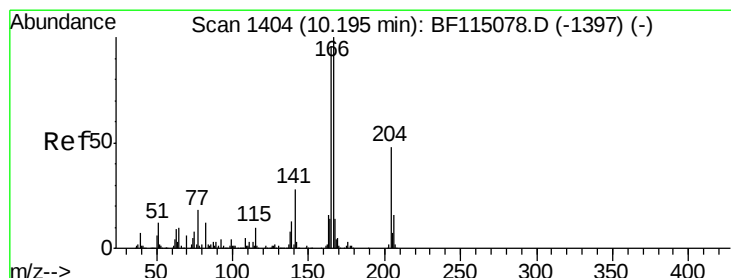
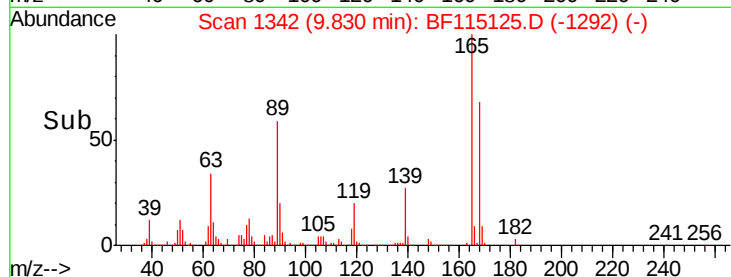
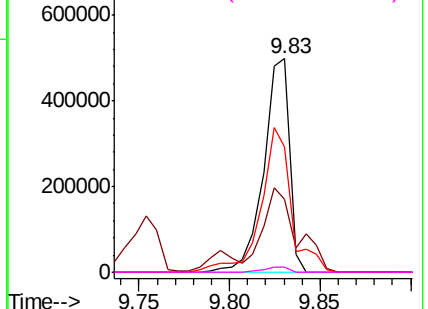
#57
2,4-Dinitrotoluene
Concen: 44.725 ng
RT: 9.83 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF115125.D
Acq: 22 Jun 2019 17:17

Instrument :
BNA_F
ClientSampleId :
SAMPLE-3MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	34.2	27.5	41.3
89	58.5	49.9	74.9
182	2.6	2.1	3.1

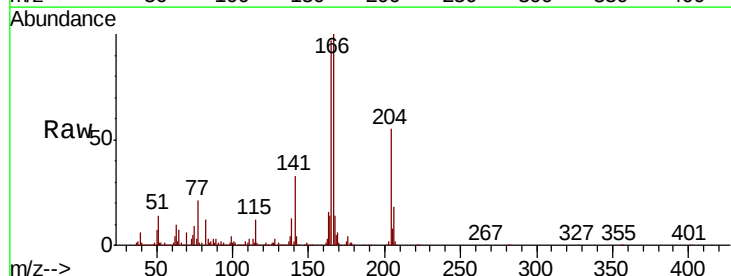


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

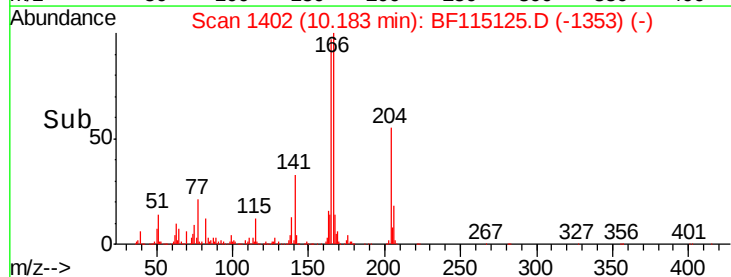
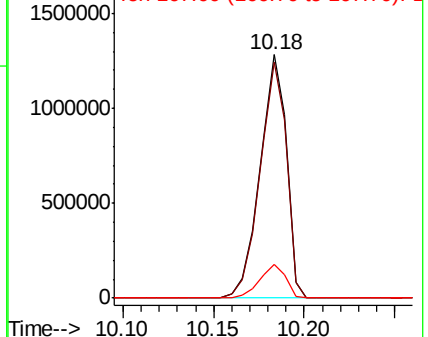


#58
Fluorene
Concen: 42.283 ng
RT: 10.18 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF115125.D
Acq: 22 Jun 2019 17:17

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.2	76.5	114.7
167	14.0	11.0	16.4



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

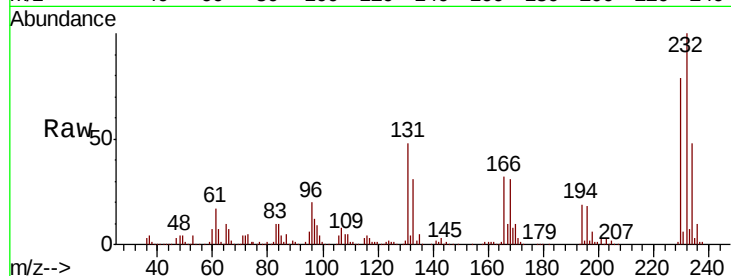




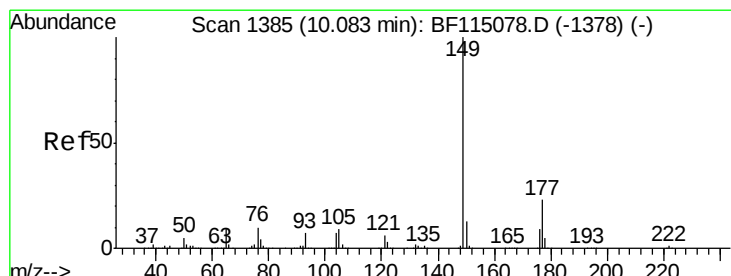
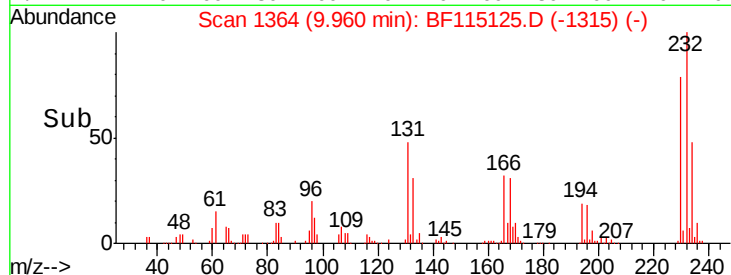
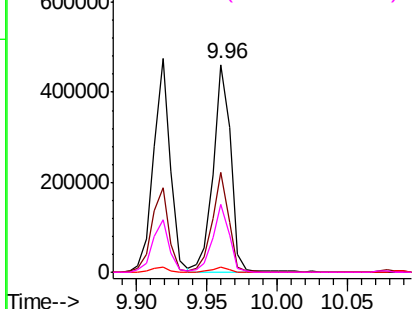
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.874 ng
 RT: 9.96 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: BF115125.D
 Acq: 22 Jun 2019 17:17

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-3MS

Tot Ion:232	Resp:	397598
Ion Ratio	Lower	Upper
232	100	
131	45.3	37.4 56.0
130	2.3	1.8 2.6
166	30.7	24.6 36.8

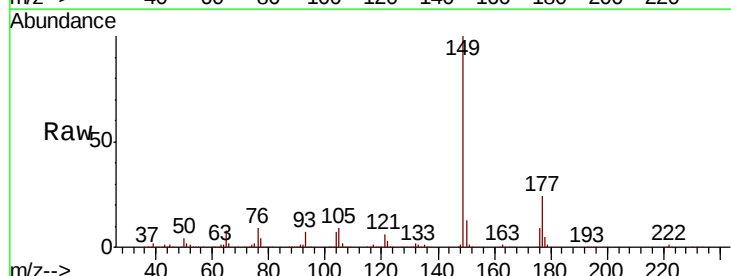


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

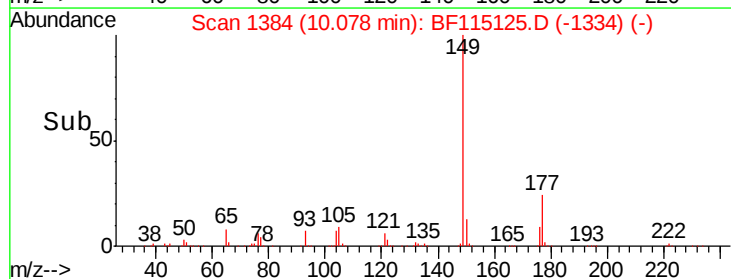
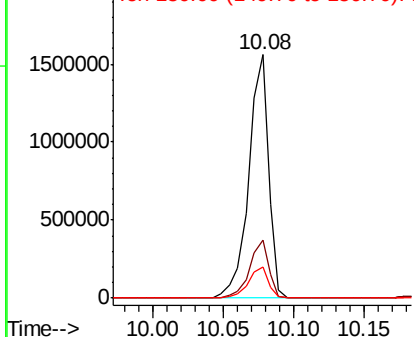


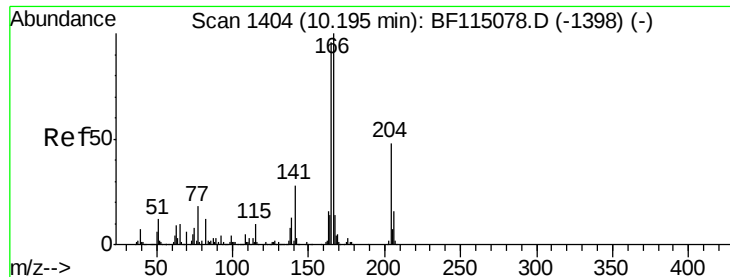
#60
 Diethylphthalate
 Concen: 41.270 ng
 RT: 10.08 min Scan# 1384
 Delta R.T. -0.01 min
 Lab File: BF115125.D
 Acq: 22 Jun 2019 17:17

Tgt Ion:149	Resp:	1538319
Ion Ratio	Lower	Upper
149	100	
177	23.8	18.7 28.1
150	12.8	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

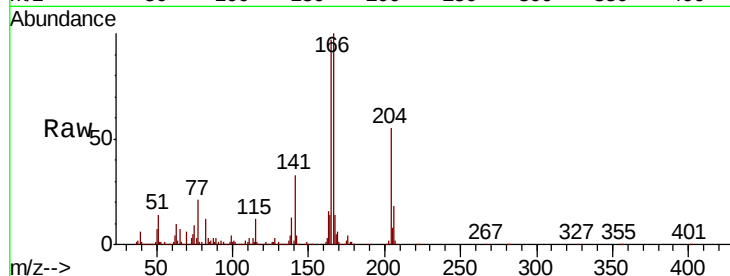




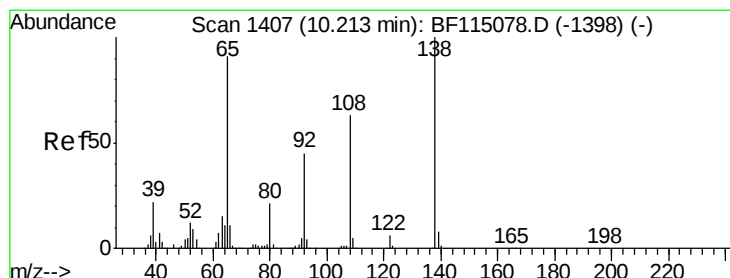
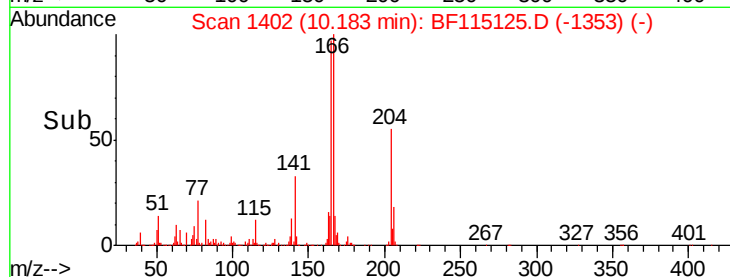
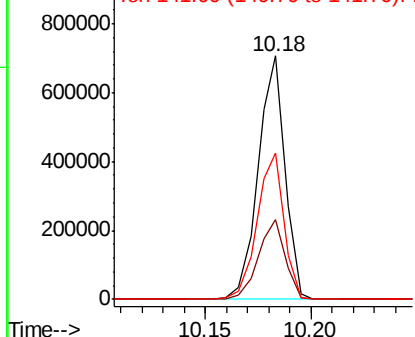
#61
4-Chlorophenyl-phenylether
Concen: 42.624 ng
RT: 10.18 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF115125.D
Acq: 22 Jun 2019 17:17

Instrument :
BNA_F
ClientSampleId :
SAMPLE-3MS

Tot Ion:204 Resp: 622531
Ion Ratio Lower Upper
204 100
206 32.8 26.6 40.0
141 60.3 46.7 70.1

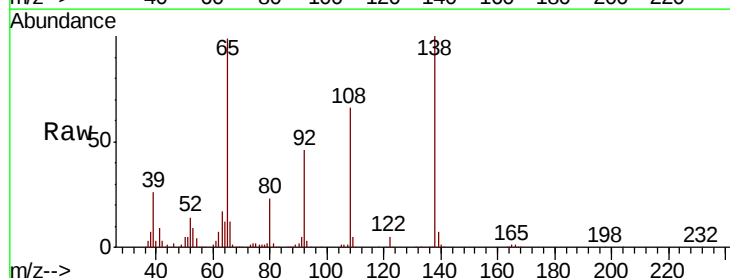


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

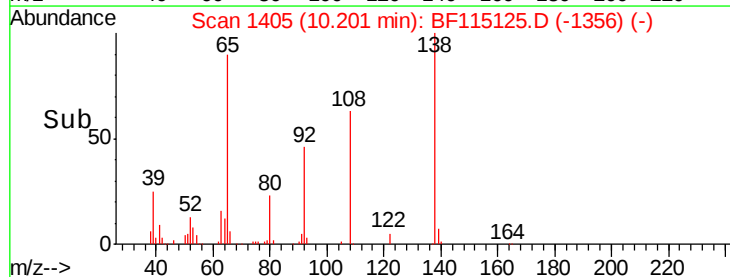
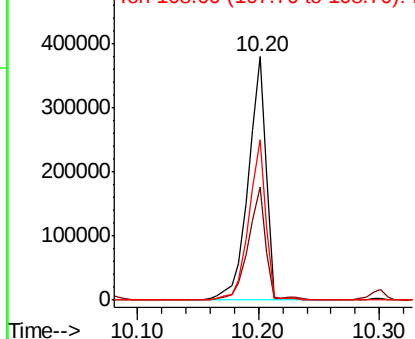


#62
4-Nitroaniline
Concen: 37.459 ng
RT: 10.20 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF115125.D
Acq: 22 Jun 2019 17:17

Tgt Ion:138 Resp: 392593
Ion Ratio Lower Upper
138 100
92 46.3 24.8 64.8
108 65.9 43.3 83.3



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





#63

Azobenzene

Concen: 40.863 ng

RT: 10.34 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BF115125.D

Acq: 22 Jun 2019 17:17

Instrument :

BNA_F

ClientSampleId :

SAMPLE-3MS

Tot Ion: 77 Resp: 1422674

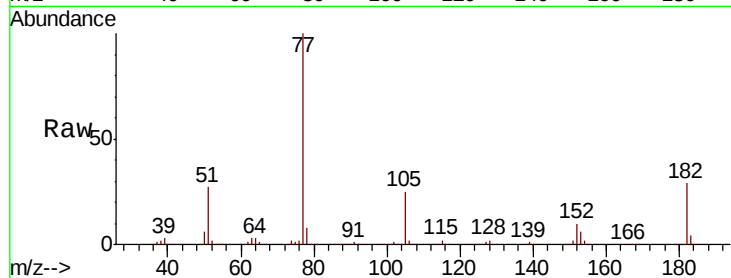
Ion Ratio Lower Upper

77 100

182 29.2 10.1 50.1

105 24.5 4.5 44.5

51 26.9 6.4 46.4

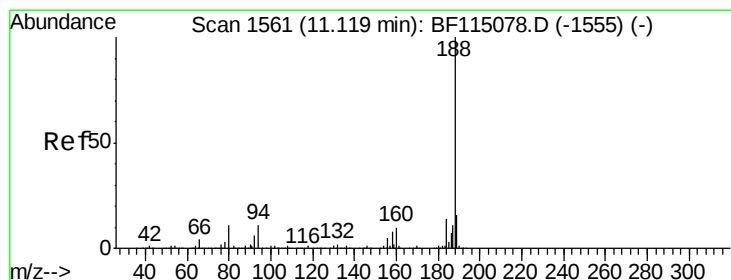
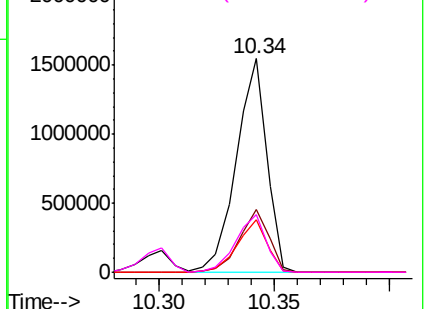
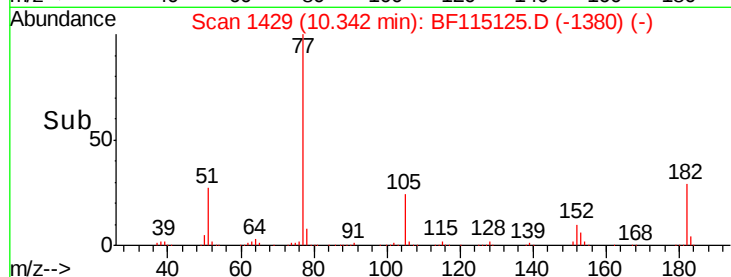


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.11 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BF115125.D

Acq: 22 Jun 2019 17:17

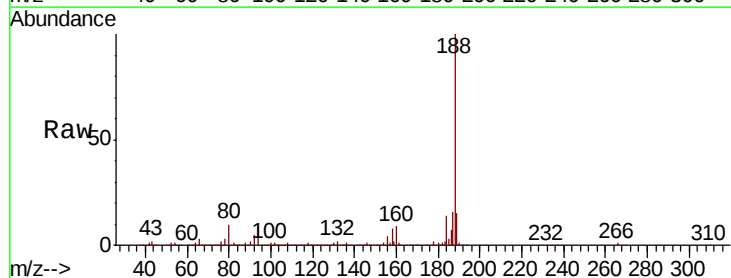
Tgt Ion: 188 Resp: 984849

Ion Ratio Lower Upper

188 100

94 9.1 8.6 12.8

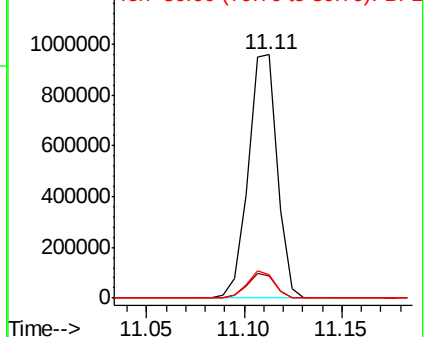
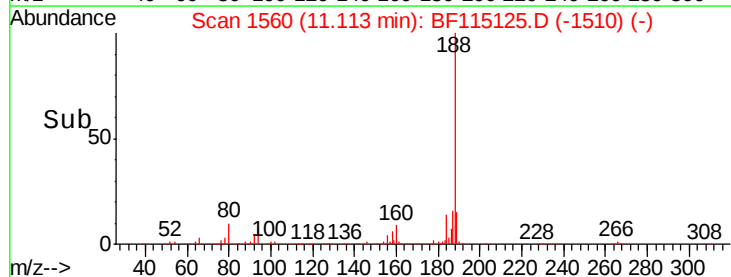
80 9.7 8.8 13.2



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

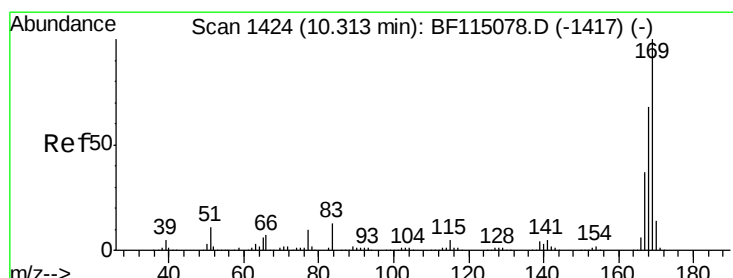
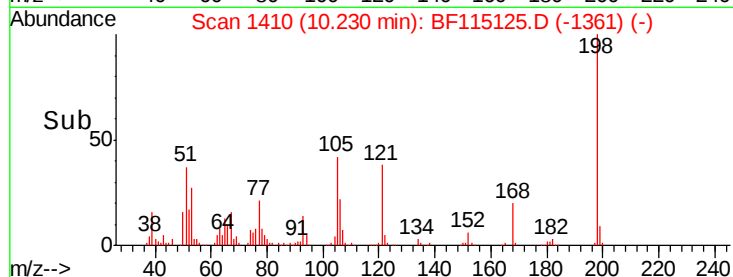
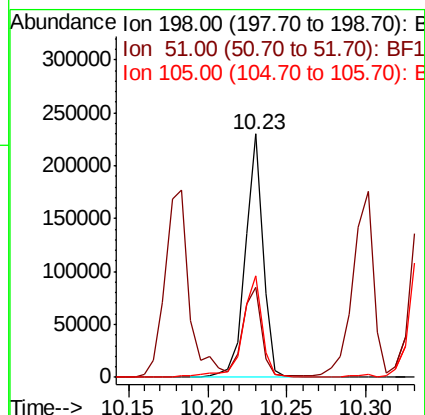
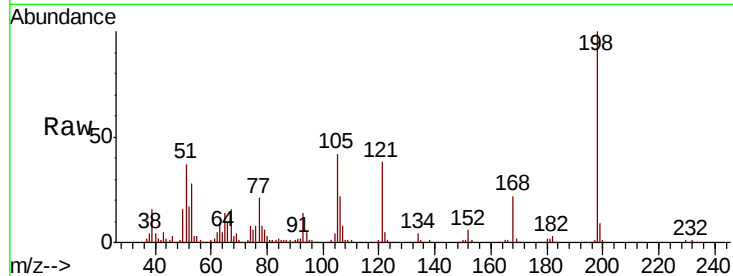




#65
 4,6-Dinitro-2-methylphenol
 Concen: 35.305 ng
 RT: 10.23 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: BF115125.D
 Acq: 22 Jun 2019 17:17

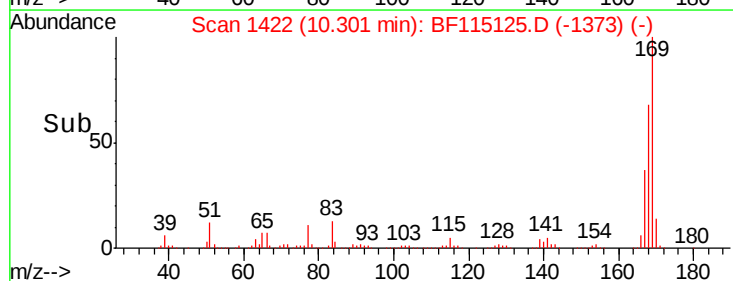
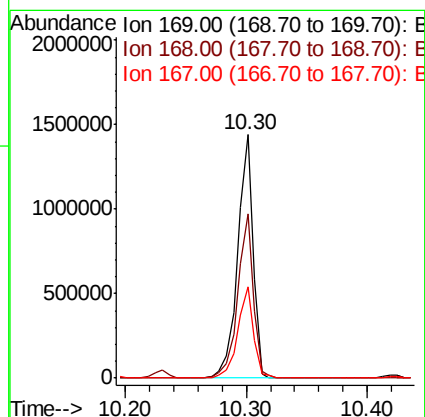
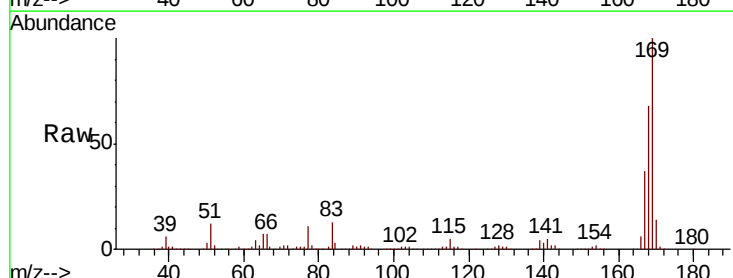
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-3MS

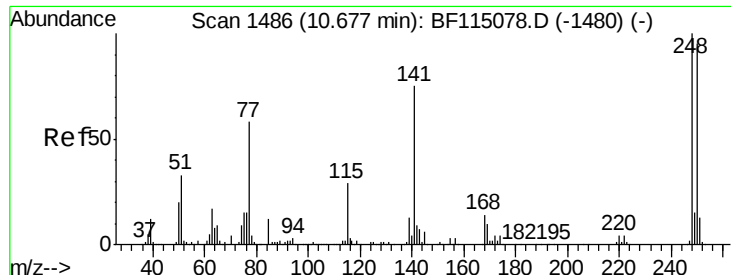
Tot Ion:198 Resp: 177342
 Ion Ratio Lower Upper
 198 100
 51 36.9 11.0 51.0
 105 41.9 17.3 57.3



#66
 n-Nitrosodiphenylamine
 Concen: 42.024 ng
 RT: 10.30 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF115125.D
 Acq: 22 Jun 2019 17:17

Tgt Ion:169 Resp: 1289422
 Ion Ratio Lower Upper
 169 100
 168 67.7 54.2 81.4
 167 37.4 29.4 44.0

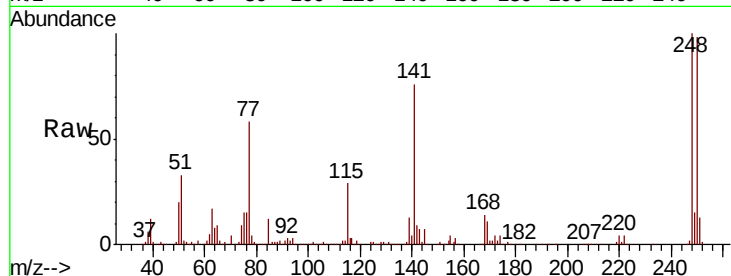




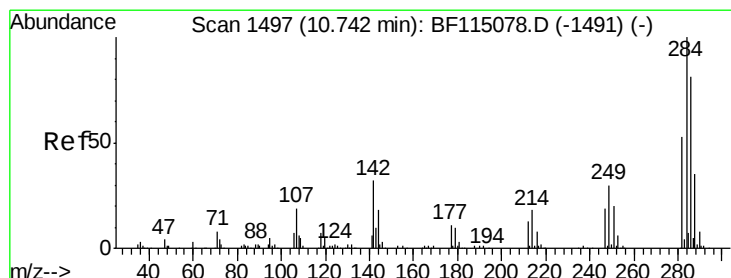
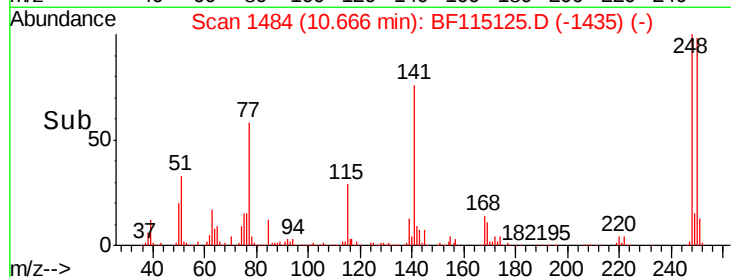
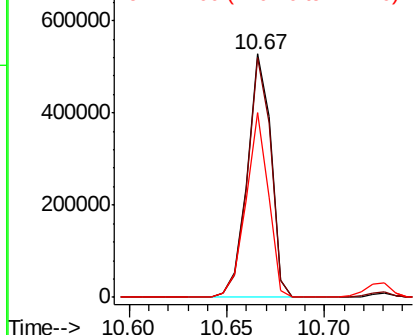
#67
4-Bromophenyl-phenylether
Concen: 41.681 ng
RT: 10.67 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BF115125.D
Acq: 22 Jun 2019 17:17

Instrument :
BNA_F
ClientSampleId :
SAMPLE-3MS

Tot Ion:248 Resp: 445065
Ion Ratio Lower Upper
248 100
250 98.3 76.2 114.2
141 76.1 59.6 89.4

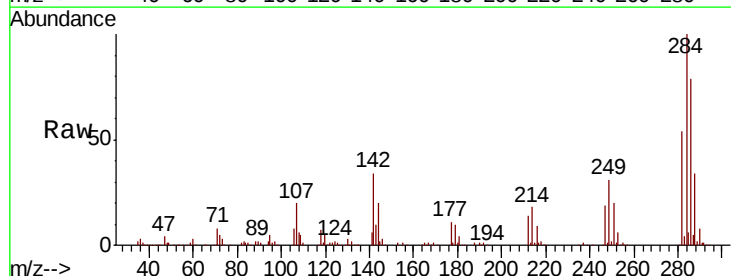


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

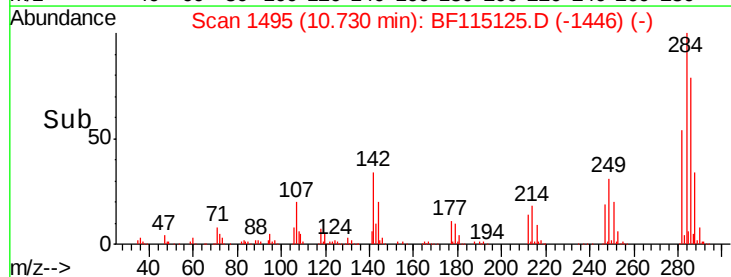
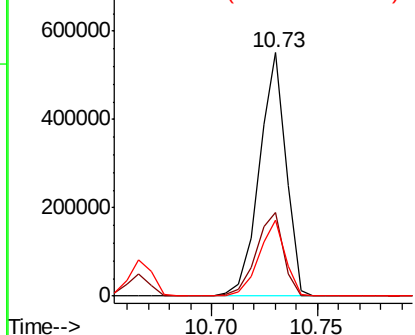


#68
Hexachlorobenzene
Concen: 41.692 ng
RT: 10.73 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BF115125.D
Acq: 22 Jun 2019 17:17

Tgt Ion:284 Resp: 483218
Ion Ratio Lower Upper
284 100
142 34.1 25.8 38.8
249 31.0 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

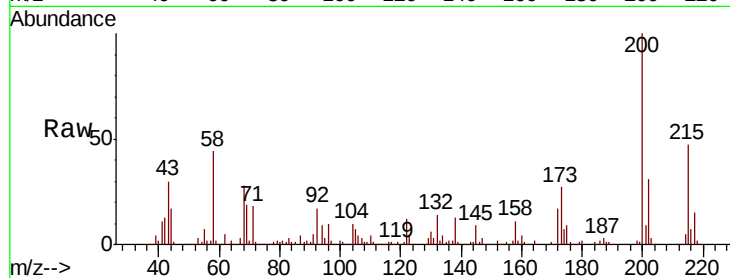




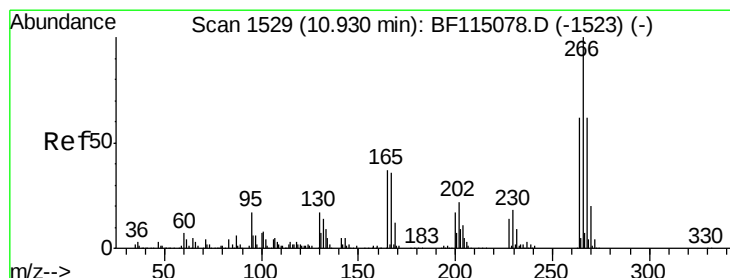
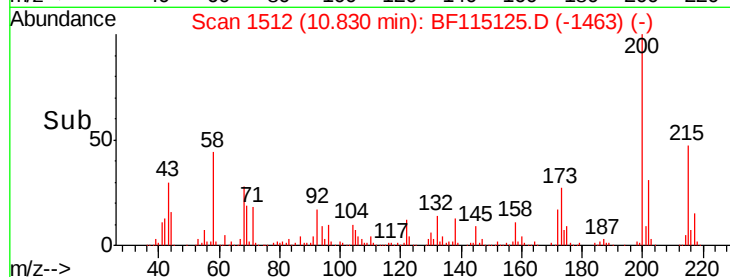
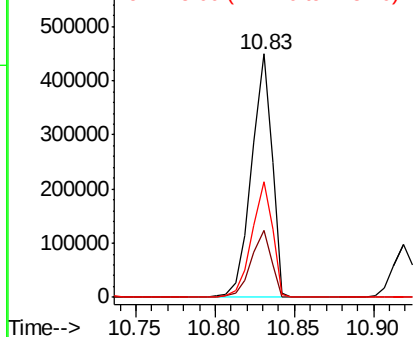
#69
Atrazine
Concen: 40.978 ng
RT: 10.83 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BF115125.D
Acq: 22 Jun 2019 17:17

Instrument :
BNA_F
ClientSampleId :
SAMPLE-3MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.4	7.4	47.4
215	47.2	27.8	67.8

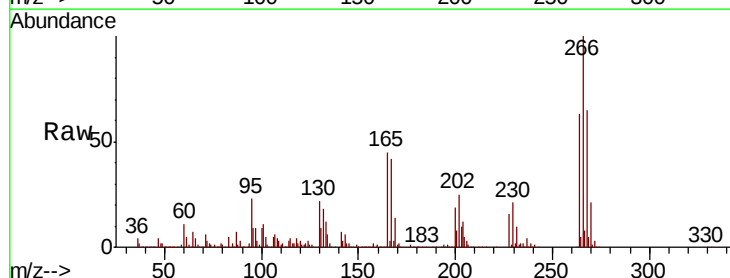


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

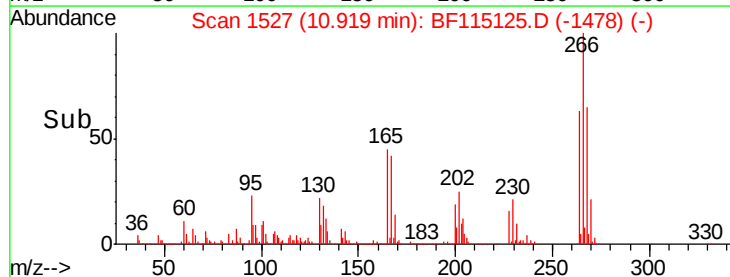
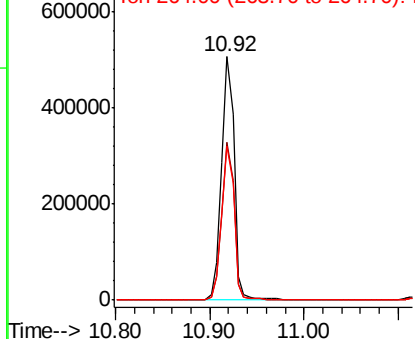


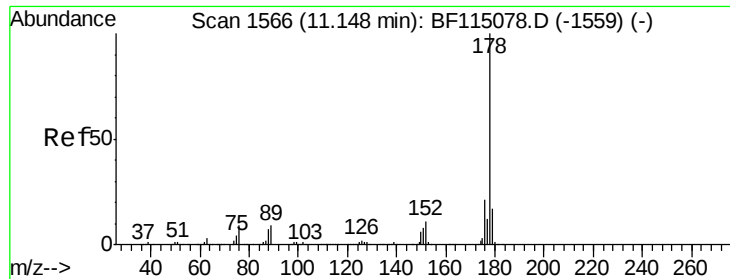
#70
Pentachlorophenol
Concen: 65.584 ng
RT: 10.92 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF115125.D
Acq: 22 Jun 2019 17:17

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.7	49.5	74.3
264	63.5	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

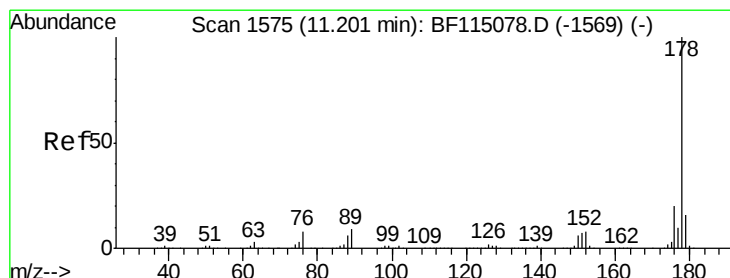
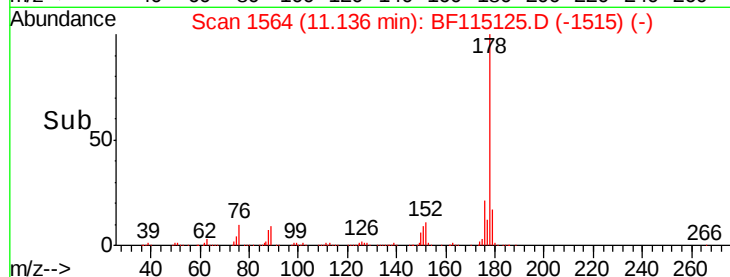
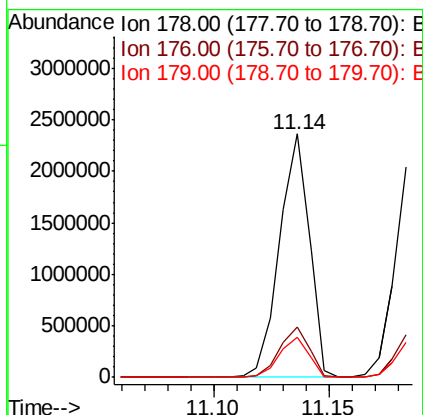
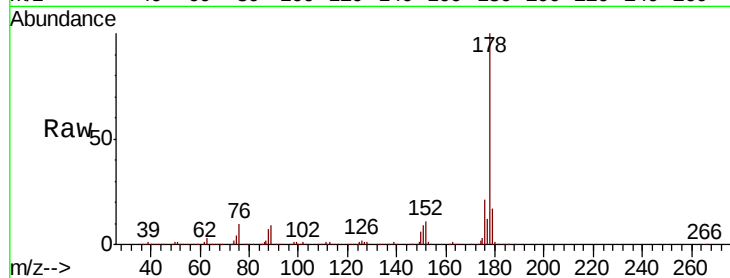




#71
Phenanthrene
Concen: 39.920 ng
RT: 11.14 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF115125.D
Acq: 22 Jun 2019 17:17

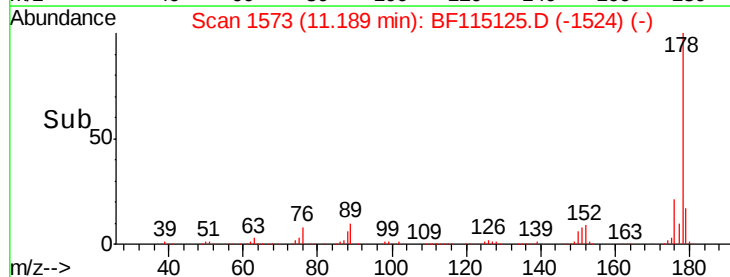
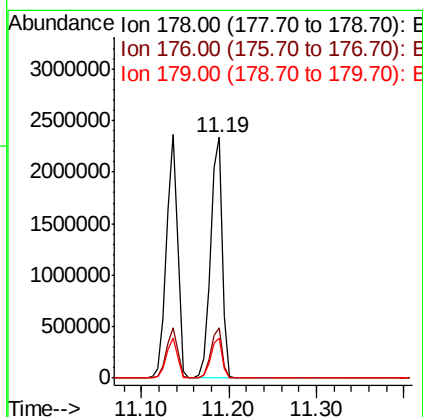
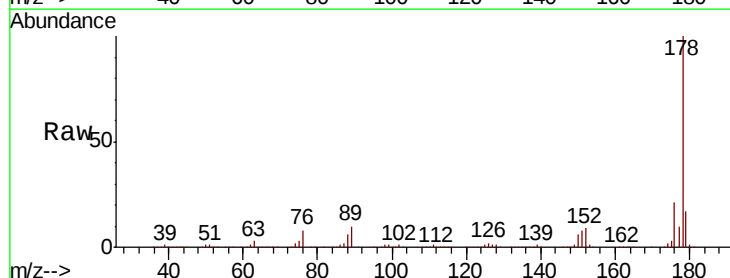
Instrument :
BNA_F
ClientSampleId :
SAMPLE-3MS

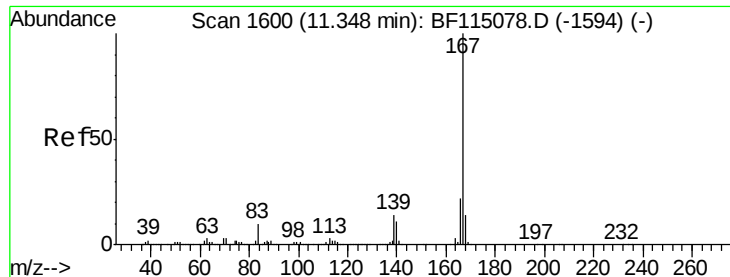
Tot Ion:178 Resp: 2116787
Ion Ratio Lower Upper
178 100
176 20.9 16.9 25.3
179 16.6 13.2 19.8



#72
Anthracene
Concen: 40.473 ng
RT: 11.19 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF115125.D
Acq: 22 Jun 2019 17:17

Tgt Ion:178 Resp: 2166345
Ion Ratio Lower Upper
178 100
176 20.8 16.1 24.1
179 16.7 12.9 19.3





#73

Carbazole

Concen: 40.932 ng

RT: 11.34 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BF115125.D

Acq: 22 Jun 2019 17:17

Instrument :

BNA_F

ClientSampleId :

SAMPLE-3MS

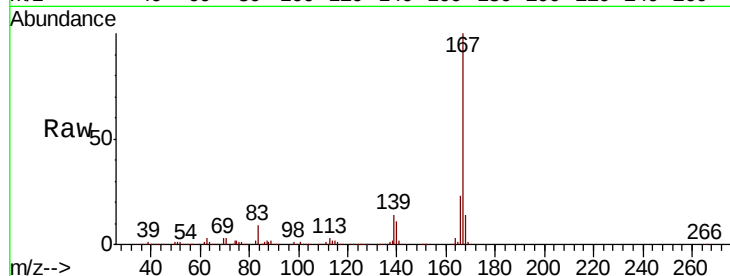
Tot Ion:167 Resp: 1956415

Ion Ratio Lower Upper

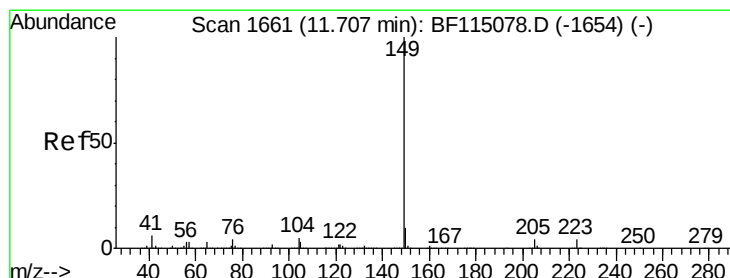
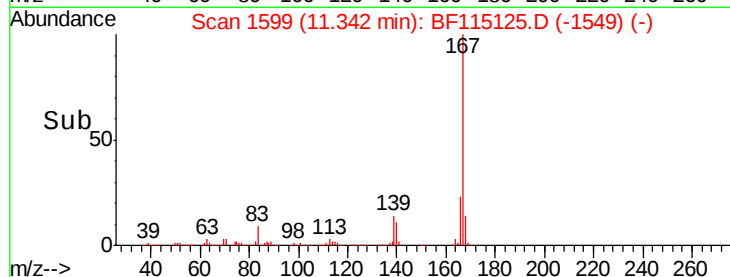
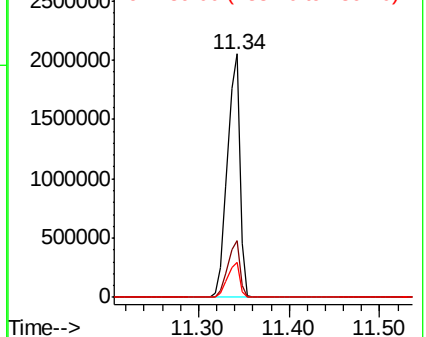
167 100

166 23.1 18.0 27.0

139 14.1 11.1 16.7



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 42.352 ng

RT: 11.69 min Scan# 1658

Delta R.T. -0.02 min

Lab File: BF115125.D

Acq: 22 Jun 2019 17:17

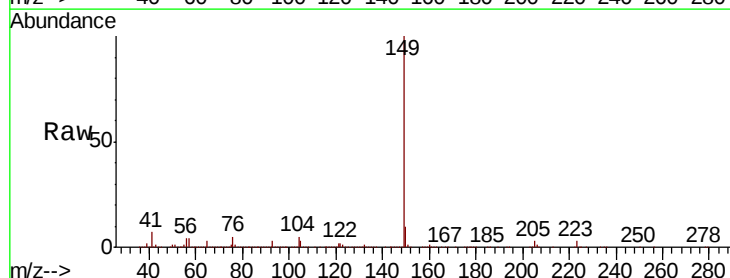
Tgt Ion:149 Resp: 2339167

Ion Ratio Lower Upper

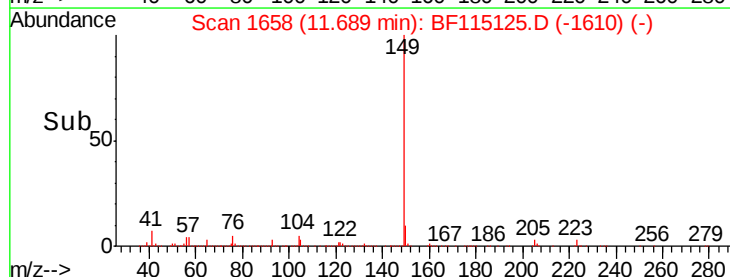
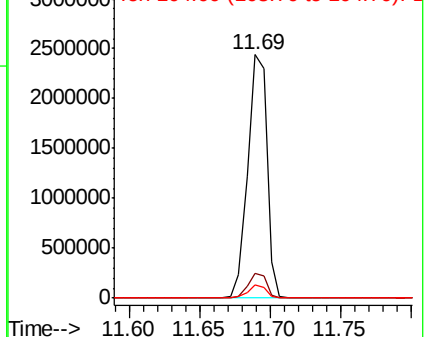
149 100

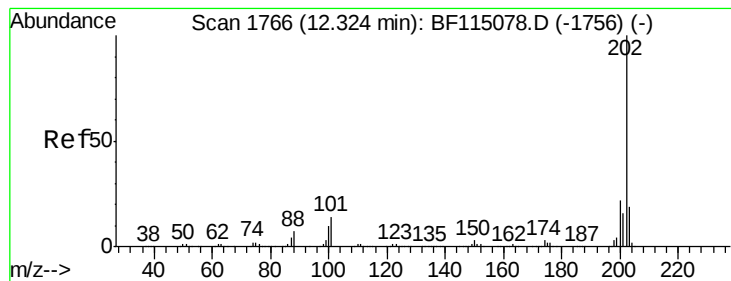
150 10.2 7.8 11.8

104 5.2 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.747 ng

RT: 12.31 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BF115125.D

Acq: 22 Jun 2019 17:17

Instrument :

BNA_F

ClientSampleId :

SAMPLE-3MS

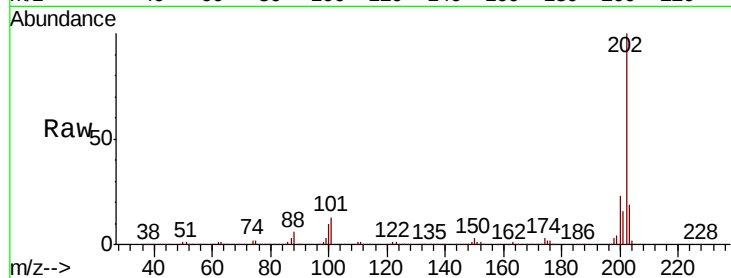
Tot Ion:202 Resp: 2155752

Ion Ratio Lower Upper

202 100

101 13.2 0.0 34.0

203 19.1 0.0 38.8

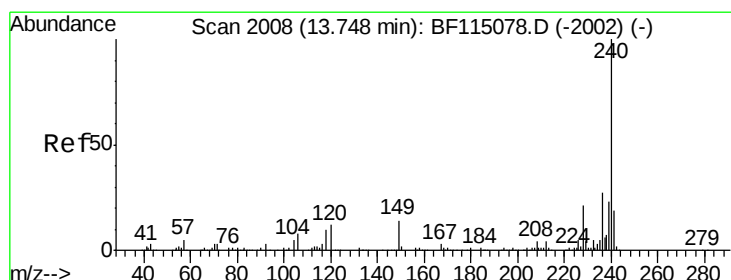
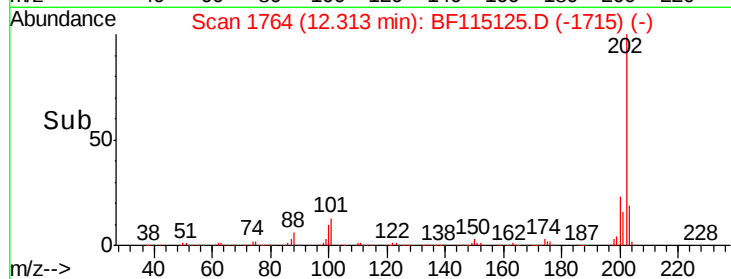
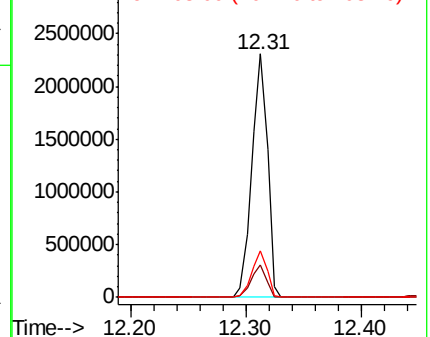


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.73 min Scan# 2005

Delta R.T. -0.02 min

Lab File: BF115125.D

Acq: 22 Jun 2019 17:17

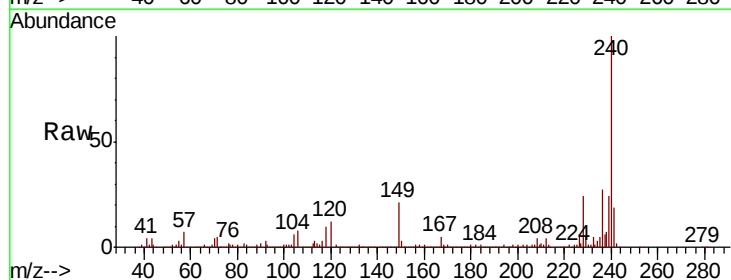
Tgt Ion:240 Resp: 593329

Ion Ratio Lower Upper

240 100

120 11.9 9.4 14.2

236 27.1 21.7 32.5

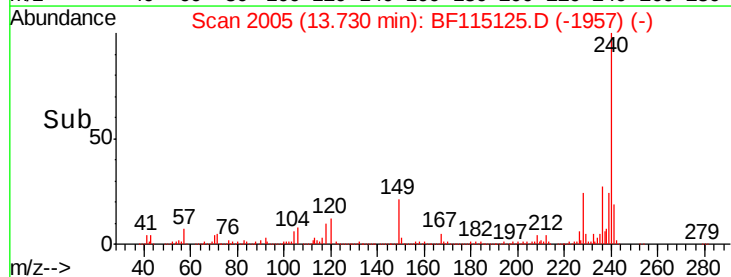
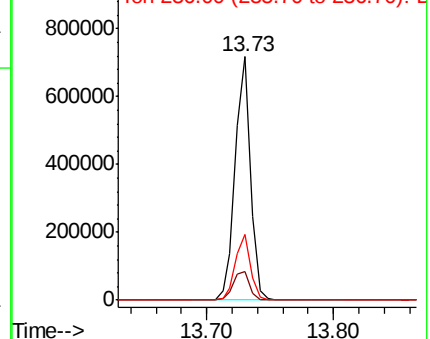


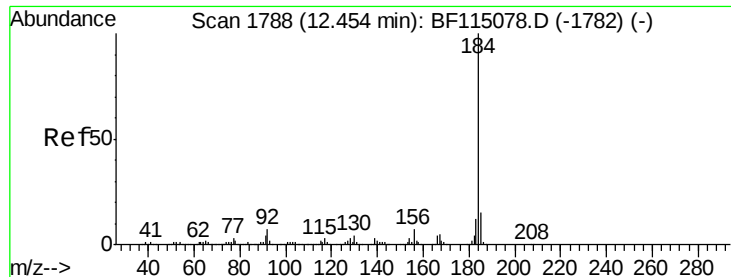
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.918 ng

RT: 12.43 min Scan# 1784

Delta R.T. -0.02 min

Lab File: BF115125.D

Acq: 22 Jun 2019 17:17

Instrument :

BNA_F

ClientSampleId :

SAMPLE-3MS

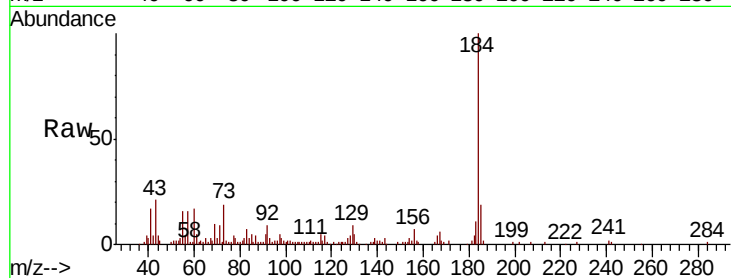
Tot Ion:184 Resp: 76881

Ion Ratio Lower Upper

184 100

185 18.7 12.2 18.2#

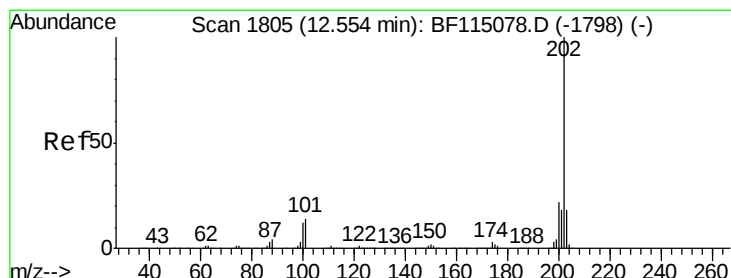
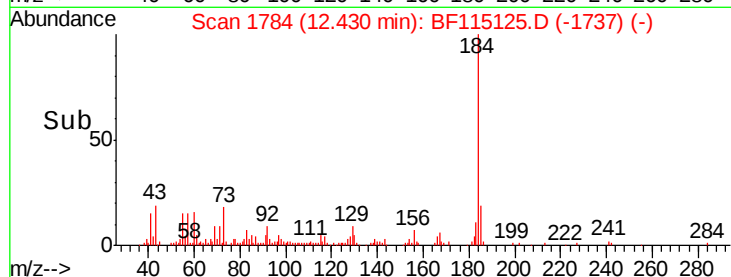
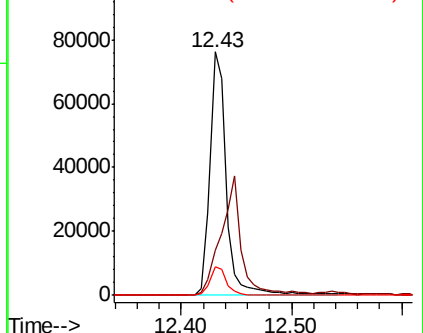
183 11.5 9.6 14.4



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: 47.045 ng

RT: 12.54 min Scan# 1802

Delta R.T. -0.02 min

Lab File: BF115125.D

Acq: 22 Jun 2019 17:17

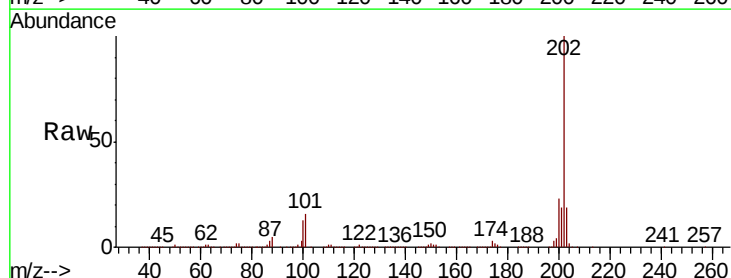
Tgt Ion:202 Resp: 2145156

Ion Ratio Lower Upper

202 100

200 23.3 17.9 26.9

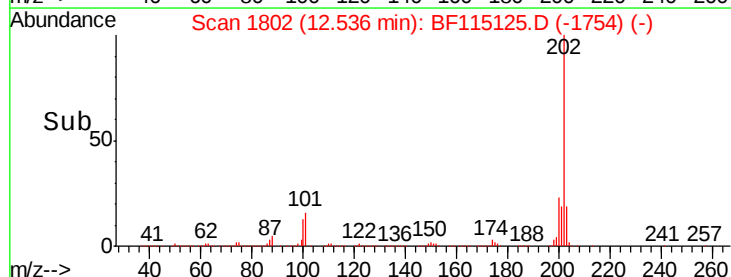
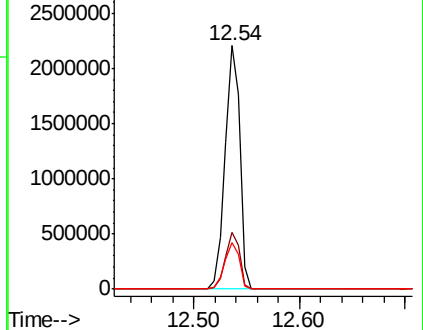
203 19.3 14.6 21.8

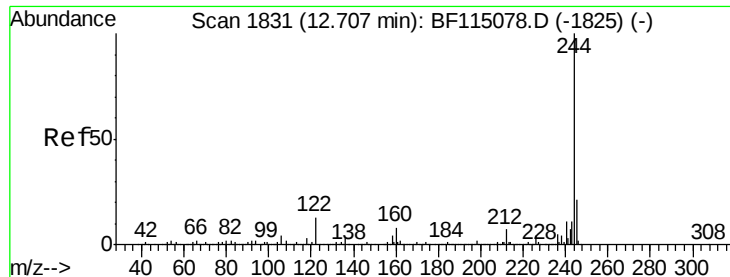


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 100.348 ng

RT: 12.69 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115125.D

Acq: 22 Jun 2019 17:17

Instrument :

BNA_F

ClientSampleId :

SAMPLE-3MS

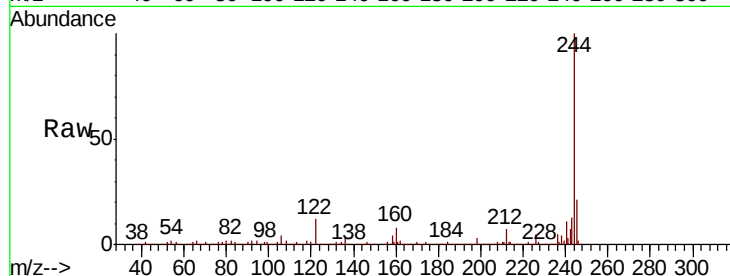
Tot Ion:244 Resp: 2800318

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

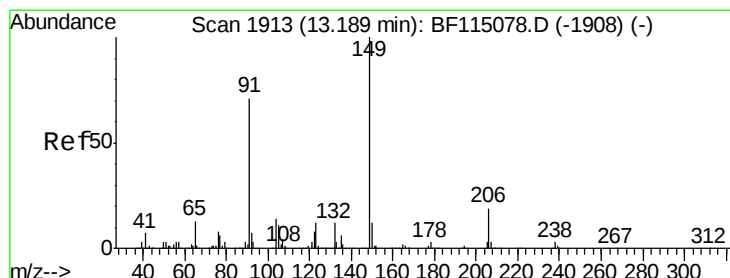
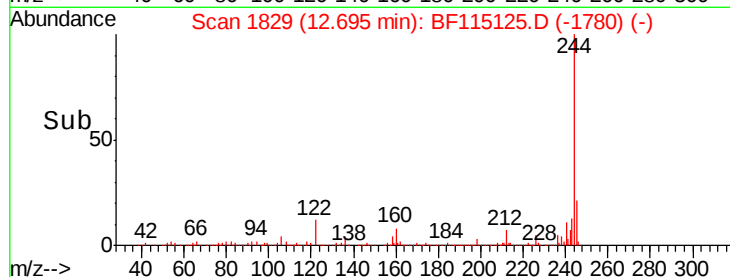
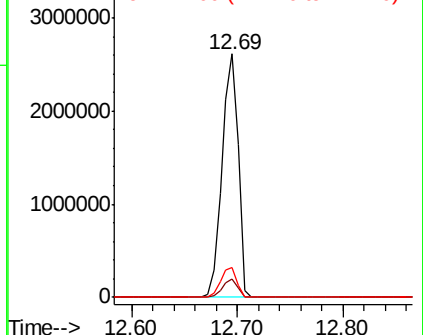
122 12.2 10.4 15.6



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: 48.800 ng

RT: 13.18 min Scan# 1911

Delta R.T. -0.01 min

Lab File: BF115125.D

Acq: 22 Jun 2019 17:17

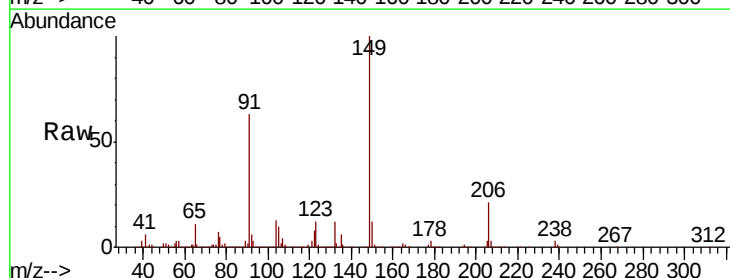
Tgt Ion:149 Resp: 981982

Ion Ratio Lower Upper

149 100

91 63.4 56.5 84.7

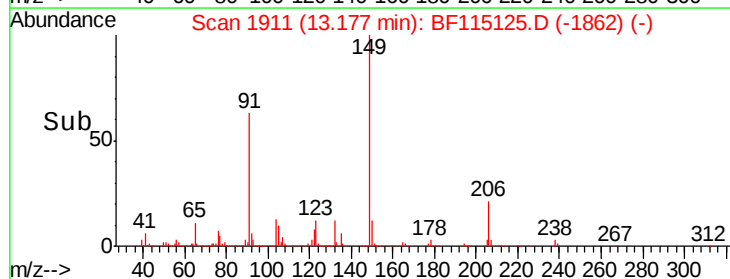
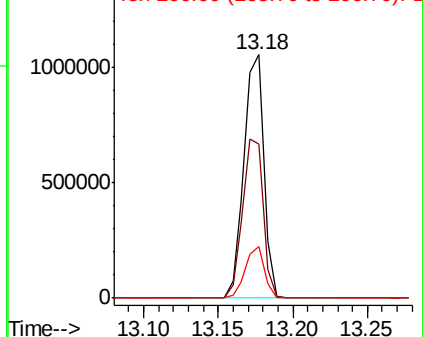
206 21.0 15.3 22.9



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

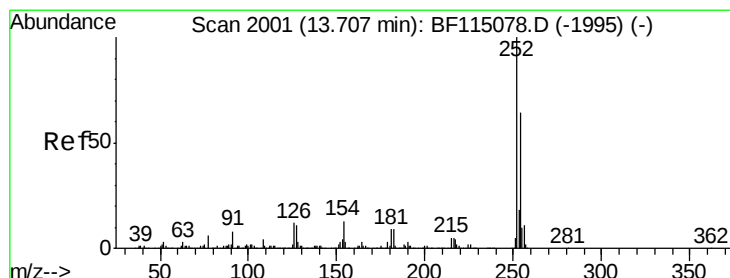
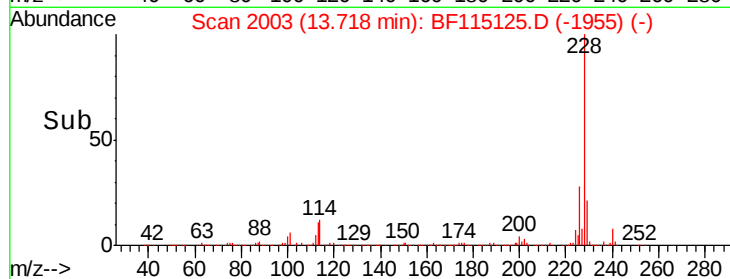
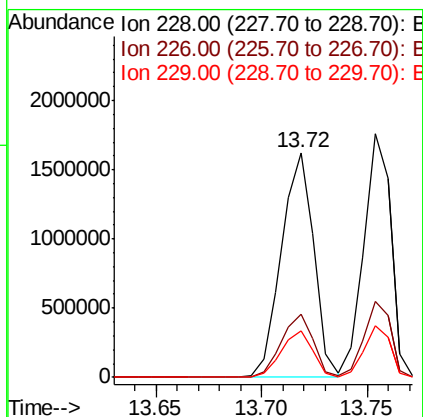
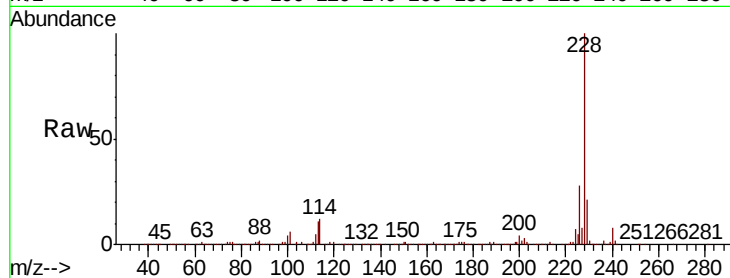




#81
Benzo(a)anthracene
Concen: 40.715 ng
RT: 13.72 min Scan# 2003
Delta R.T. -0.02 min
Lab File: BF115125.D
Acq: 22 Jun 2019 17:17

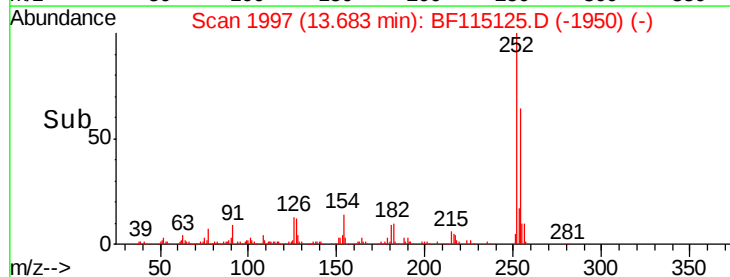
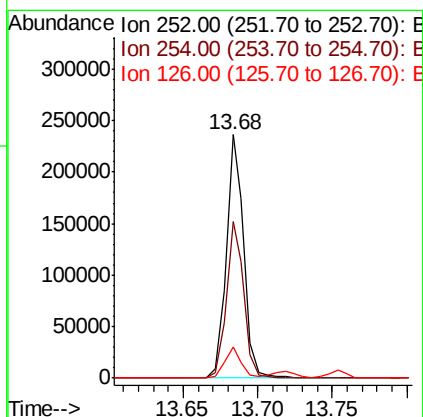
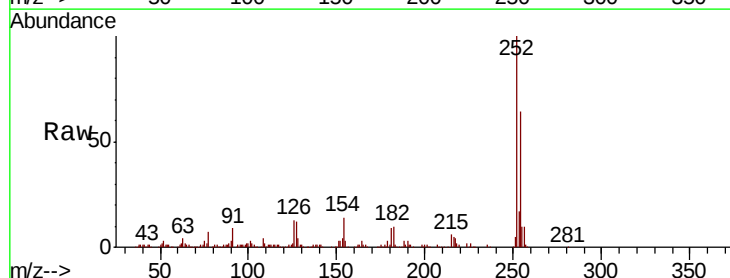
Instrument :
BNA_F
ClientSampleId :
SAMPLE-3MS

Tot Ion:228 Resp: 1733386
Ion Ratio Lower Upper
228 100
226 28.3 22.5 33.7
229 20.9 16.6 24.8



#82
3,3'-Dichlorobenzidine
Concen: 12.701 ng
RT: 13.68 min Scan# 1997
Delta R.T. -0.02 min
Lab File: BF115125.D
Acq: 22 Jun 2019 17:17

Tgt Ion:252 Resp: 195262
Ion Ratio Lower Upper
252 100
254 64.4 51.1 76.7
126 12.9 9.4 14.0





#83

Chrysene

Concen: 40.565 ng

RT: 13.75 min Scan# 2009

Delta R.T. -0.02 min

Lab File: BF115125.D

Acq: 22 Jun 2019 17:17

Instrument :

BNA_F

ClientSampleId :

SAMPLE-3MS

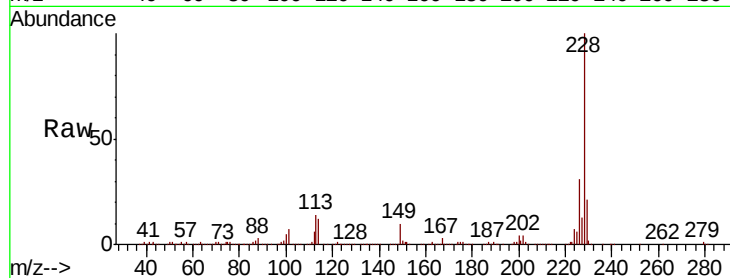
Tot Ion:228 Resp: 1581945

Ion Ratio Lower Upper

228 100

226 31.0 25.4 38.0

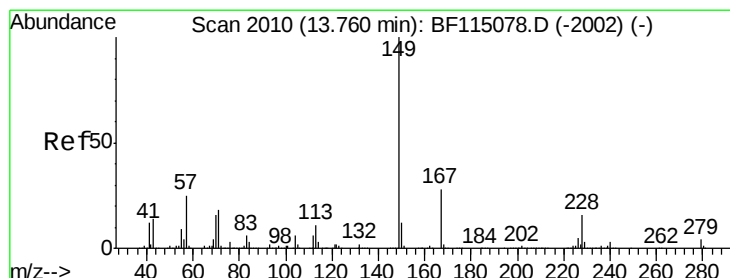
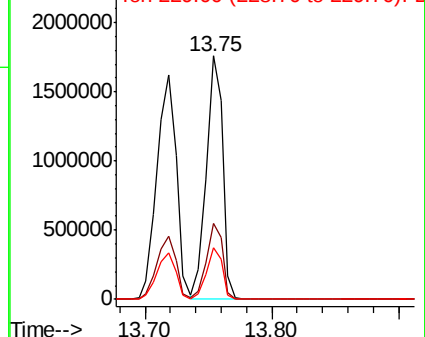
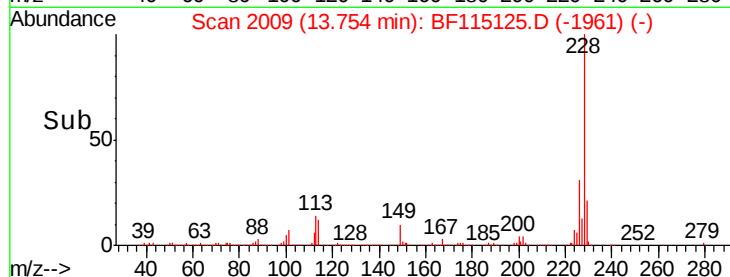
229 21.1 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.805 ng

RT: 13.74 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF115125.D

Acq: 22 Jun 2019 17:17

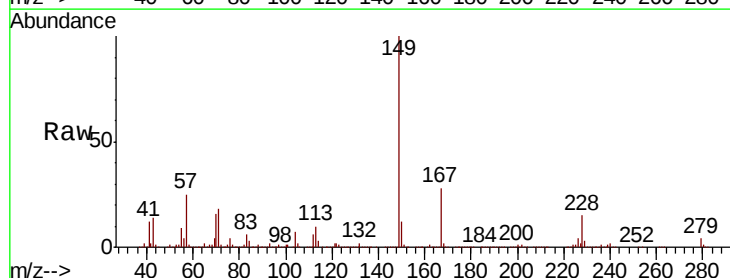
Tgt Ion:149 Resp: 1260490

Ion Ratio Lower Upper

149 100

167 27.6 22.2 33.4

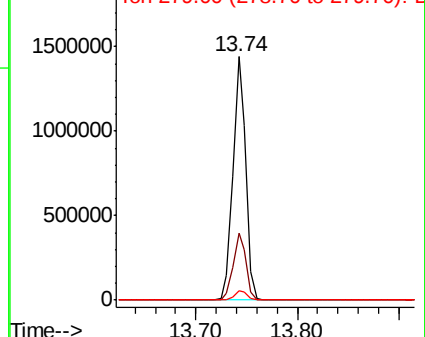
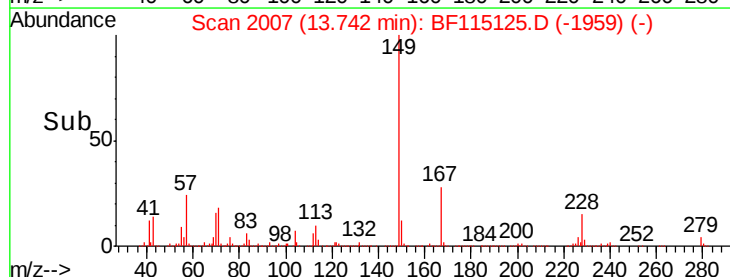
279 3.8 2.9 4.3

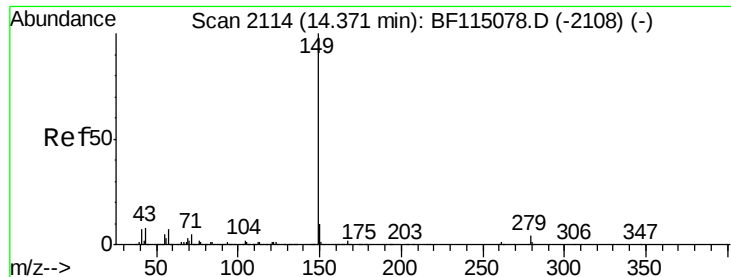


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 44.748 ng

RT: 14.35 min Scan# 2110

Delta R.T. -0.02 min

Lab File: BF115125.D

Acq: 22 Jun 2019 17:17

Instrument :

BNA_F

ClientSampleId :

SAMPLE-3MS

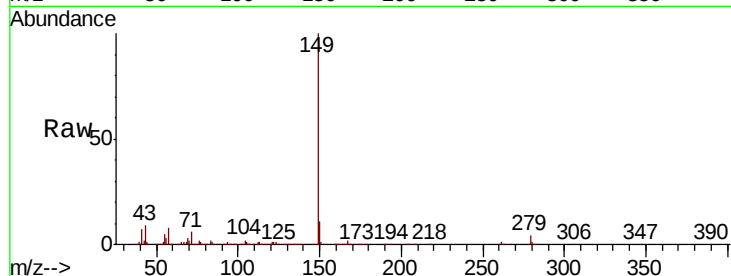
Tot Ion:149 Resp: 1982396

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

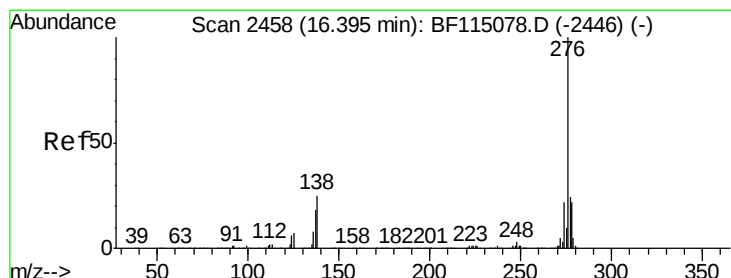
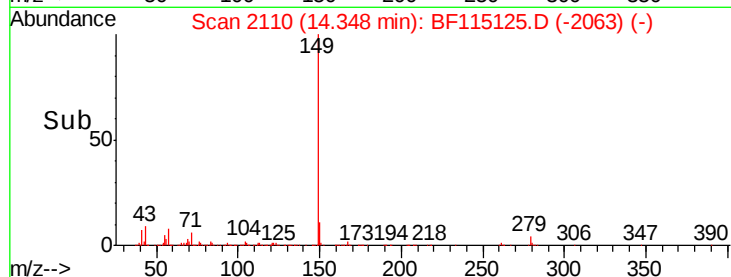
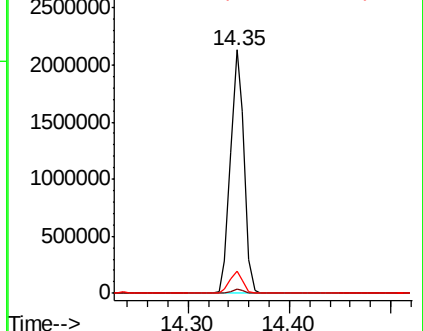
43 8.8 7.0 10.6



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: 35.723 ng

RT: 16.35 min Scan# 2451

Delta R.T. -0.04 min

Lab File: BF115125.D

Acq: 22 Jun 2019 17:17

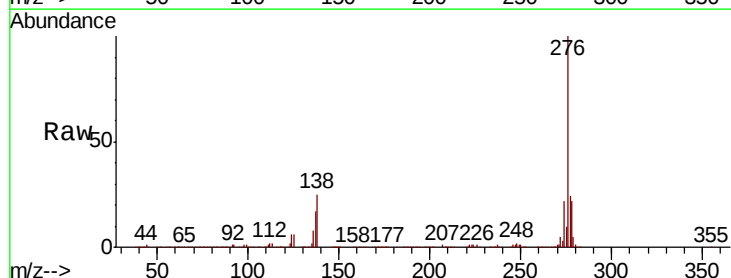
Tgt Ion:276 Resp: 1648501

Ion Ratio Lower Upper

276 100

138 28.9 23.2 34.8

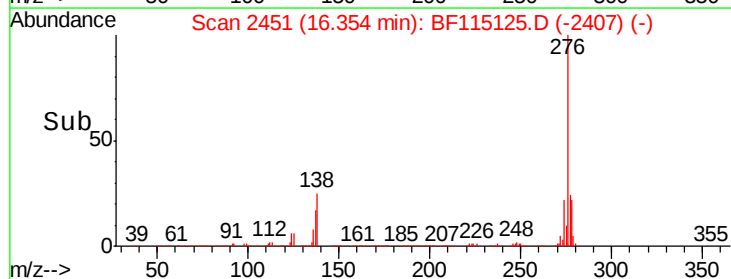
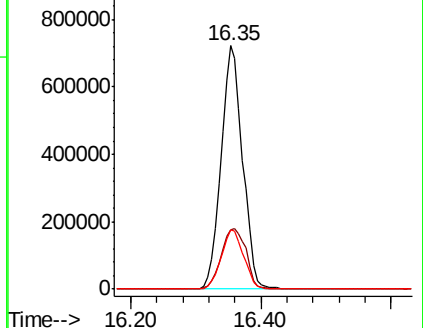
277 25.4 20.1 30.1

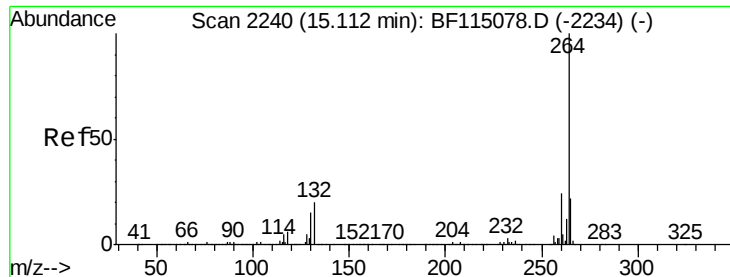


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



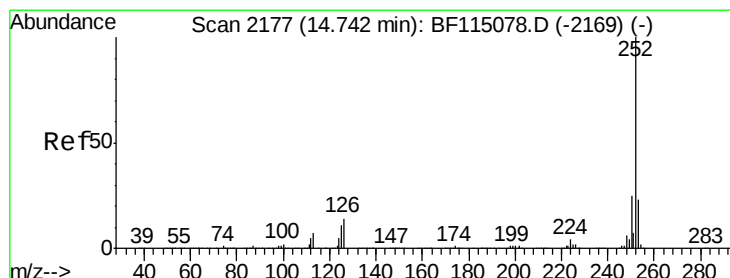
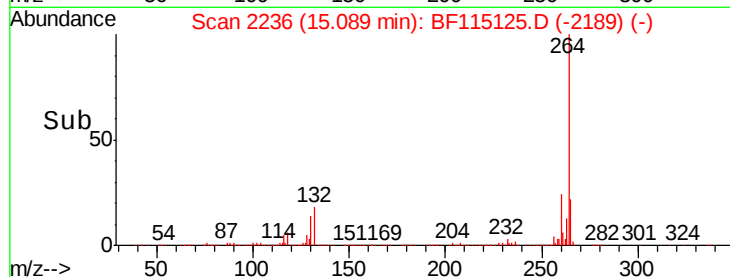
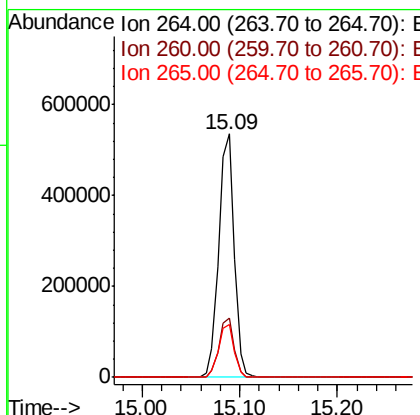
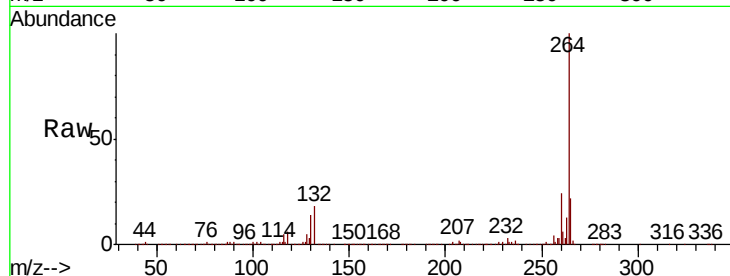


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.09 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BF115125.D
Acq: 22 Jun 2019 17:17

Instrument :
BNA_F
ClientSampleId :
SAMPLE-3MS

Tot Ion:264 Resp: 590437

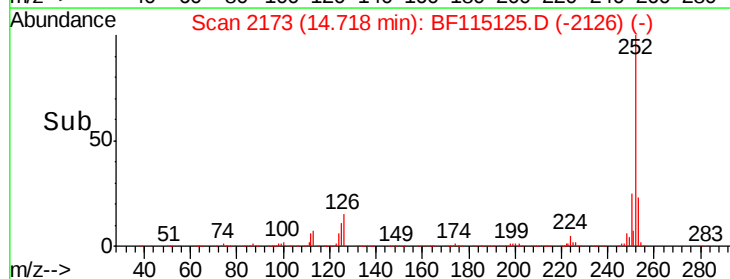
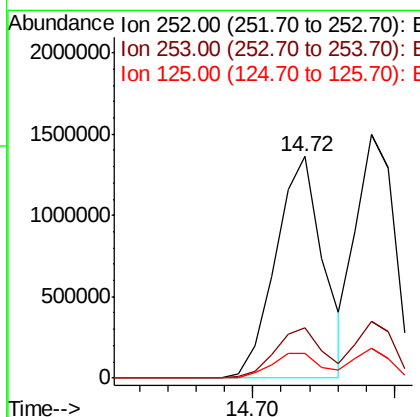
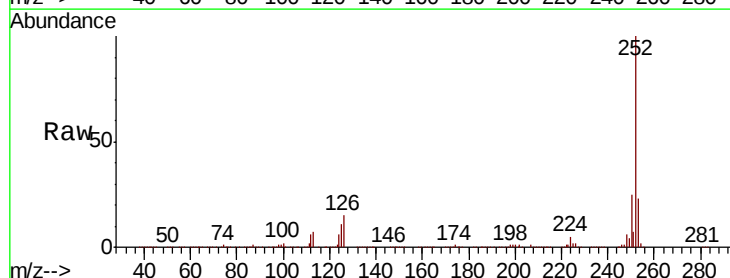
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.6	29.4
265	21.8	17.3	25.9

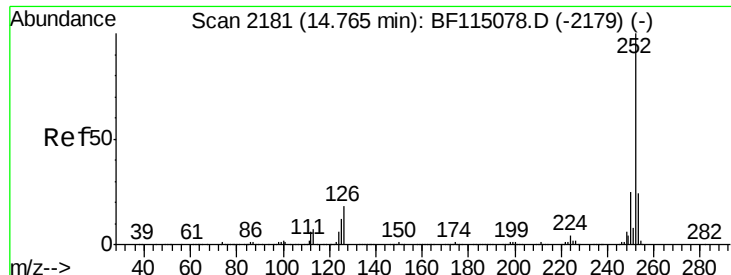


#88
Benzo(b)fluoranthene
Concen: 43.211 ng
RT: 14.72 min Scan# 2173
Delta R.T. -0.02 min
Lab File: BF115125.D
Acq: 22 Jun 2019 17:17

Tgt Ion:252 Resp: 1591974

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	11.2	8.7	13.1

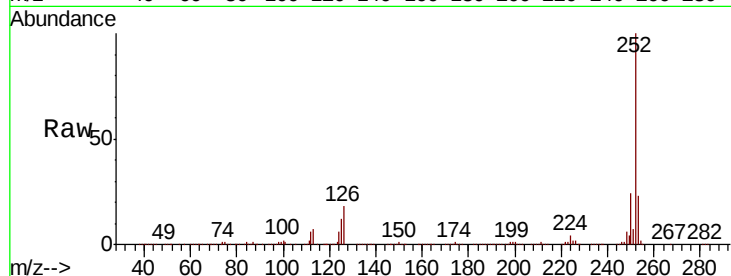




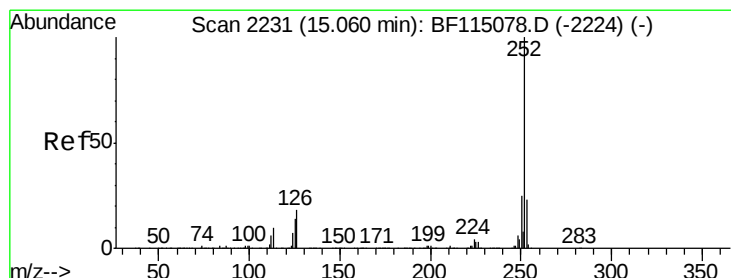
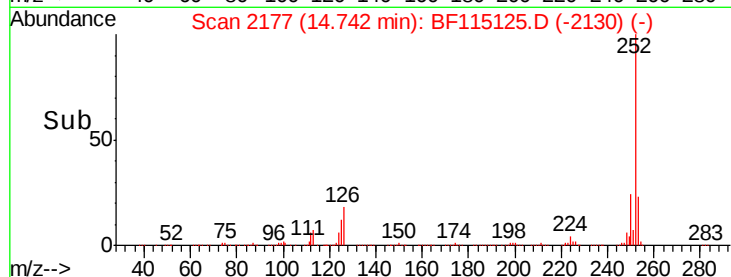
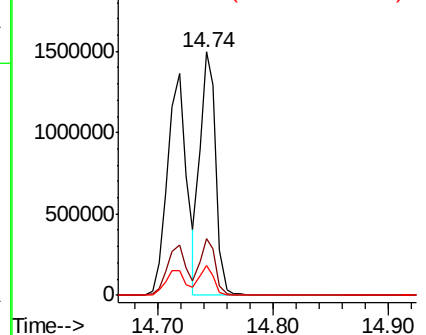
#89
Benzo(k)fluoranthene
Concen: 43.191 ng
RT: 14.74 min Scan# 2177
Delta R.T. -0.02 min
Lab File: BF115125.D
Acq: 22 Jun 2019 17:17

Instrument :
BNA_F
ClientSampleId :
SAMPLE-3MS

Tot Ion:252 Resp: 1426977
Ion Ratio Lower Upper
252 100
253 23.2 18.9 28.3
125 12.2 10.2 15.2

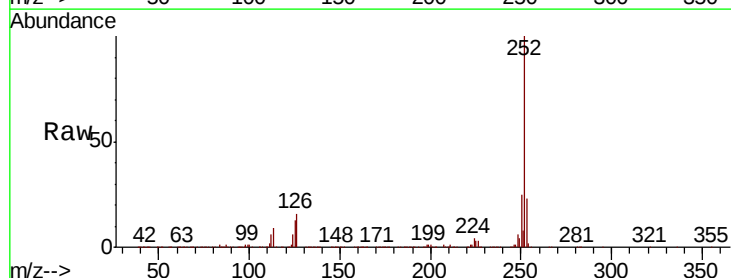


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

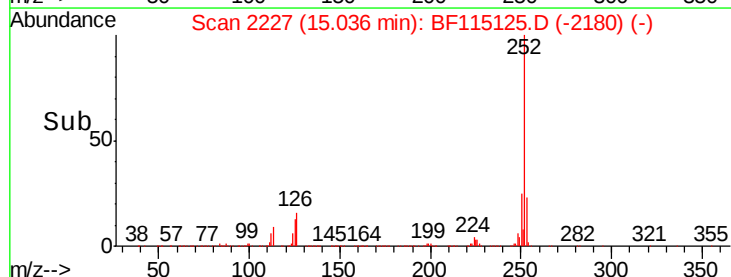
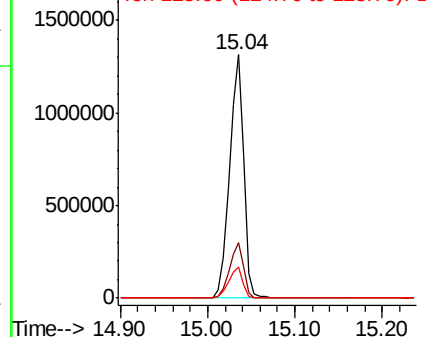


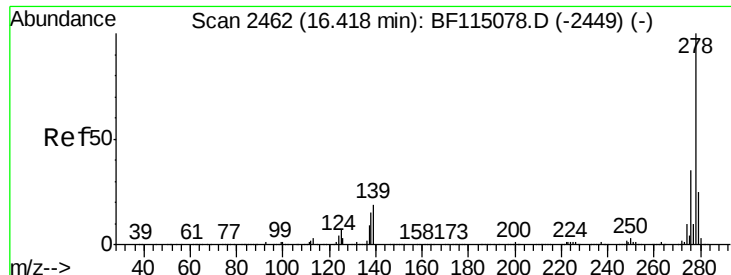
#90
Benzo(a)pyrene
Concen: 44.536 ng
RT: 15.04 min Scan# 2227
Delta R.T. -0.02 min
Lab File: BF115125.D
Acq: 22 Jun 2019 17:17

Tgt Ion:252 Resp: 1478870
Ion Ratio Lower Upper
252 100
253 22.5 18.3 27.5
125 12.5 10.9 16.3



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





#91

Dibenzo(a,h)anthracene

Concen: 44.675 ng

RT: 16.38 min Scan# 2455

Delta R.T. -0.04 min

Lab File: BF115125.D

Acq: 22 Jun 2019 17:17

Instrument :

BNA_F

ClientSampleId :

SAMPLE-3MS

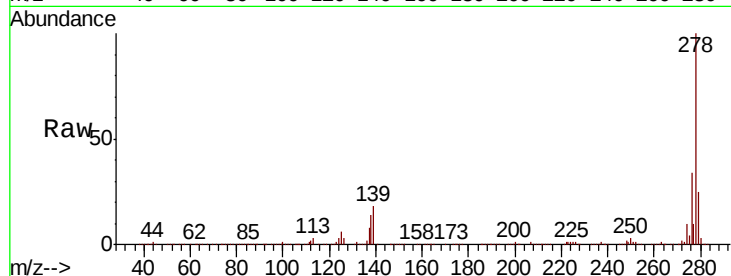
Tot Ion:278 Resp: 1384914

Ion Ratio Lower Upper

278 100

139 17.7 15.4 23.2

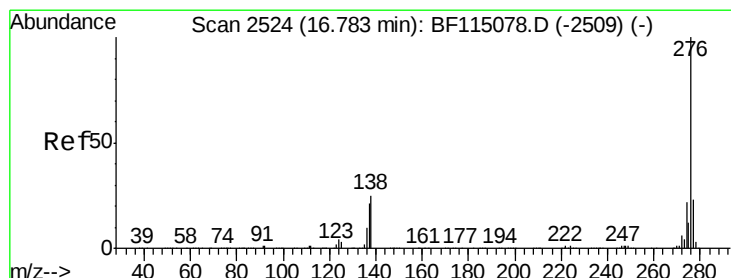
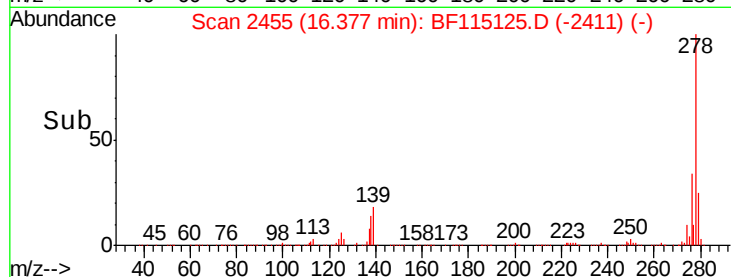
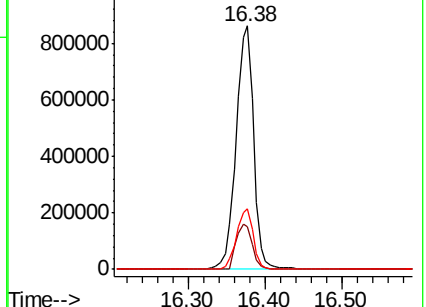
279 24.8 19.9 29.9



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: 42.554 ng

RT: 16.74 min Scan# 2516

Delta R.T. -0.05 min

Lab File: BF115125.D

Acq: 22 Jun 2019 17:17

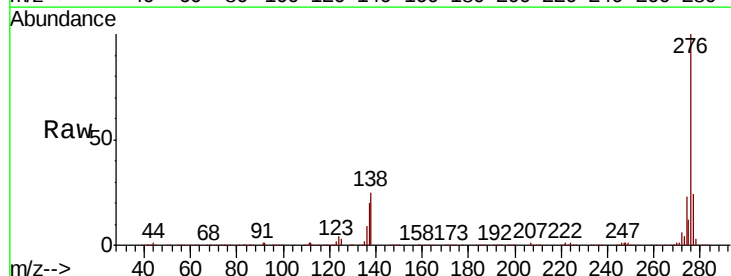
Tgt Ion:276 Resp: 1335146

Ion Ratio Lower Upper

276 100

277 23.8 18.6 28.0

138 24.9 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

