

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072919\
 Data File : BF115837.D
 Acq On : 29 Jul 2019 12:50
 Operator : HP/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 29 13:24:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 29 13:05:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	132570	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	544867	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	266197	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	513749	20.00	ng	0.00
76) Chrysene-d12	14.03	240	356780	20.00	ng	0.00
87) Perylene-d12	15.49	264	357089	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1289849	159.15	ng	0.00
7) Phenol-d6	6.51	99	1637224	159.20	ng	0.02
23) Nitrobenzene-d5	7.43	82	1508652	161.00	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	435162	140.05	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2163736	142.27	ng	0.00
79) Terphenyl-d14	12.97	244	2468239	127.65	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	344363	85.180	ng	99
3) Pyridine	3.39	79	937402	85.463	ng	99
4) n-Nitrosodimethylamine	3.36	42	392164	98.555	ng	98
6) Aniline	6.53	93	1111076	77.635	ng	99
8) 2-Chlorophenol	6.66	128	722148	77.499	ng	97
9) Benzaldehyde	6.42	77	383968	59.747	ng	99
10) Phenol	6.52	94	945230	79.176	ng	87
11) bis(2-Chloroethyl)ether	6.60	93	728398	80.138	ng	98
12) 1,3-Dichlorobenzene	6.81	146	802833	76.631	ng	99
13) 1,4-Dichlorobenzene	6.88	146	802273	76.750	ng	98
14) 1,2-Dichlorobenzene	7.04	146	715474	74.876	ng	98
15) Benzyl Alcohol	7.01	79	617140	75.648	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	927126	77.478	ng	97
17) 2-Methylphenol	7.12	107	628951	78.322	ng	97
18) Hexachloroethane	7.38	117	304055	78.368	ng	94
19) n-Nitroso-di-n-propylamine	7.29	70	498492	74.323	ng	98
20) 3+4-Methylphenols	7.28	107	665854	69.807	ng	96
22) Acetophenone	7.28	105	908930	73.841	ng	# 99
24) Nitrobenzene	7.45	77	827556	81.880	ng	97
25) Isophorone	7.69	82	1481711	79.022	ng	99
26) 2-Nitrophenol	7.76	139	416819	80.123	ng	90
27) 2,4-Dimethylphenol	7.80	122	577339	74.172	ng	97
28) bis(2-Chloroethoxy)methane	7.90	93	876527	76.199	ng	98
29) 2,4-Dichlorophenol	8.01	162	612463	75.658	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	675758	73.849	ng	99
31) Naphthalene	8.17	128	1946986	73.783	ng	99
32) Benzoic acid	7.96	122	529874	82.950	ng	99
33) 4-Chloroaniline	8.22	127	927525	79.353	ng	98
34) Hexachlorobutadiene	8.29	225	385351	73.436	ng	100
35) Caprolactam	8.61	113	166137	66.415	ng	98
36) 4-Chloro-3-methylphenol	8.70	107	656613	78.195	ng	100
37) 2-Methylnaphthalene	8.86	142	1274804	72.880	ng	100
38) 1-Methylnaphthalene	8.96	142	1214378	73.092	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	595124	74.241	ng	100

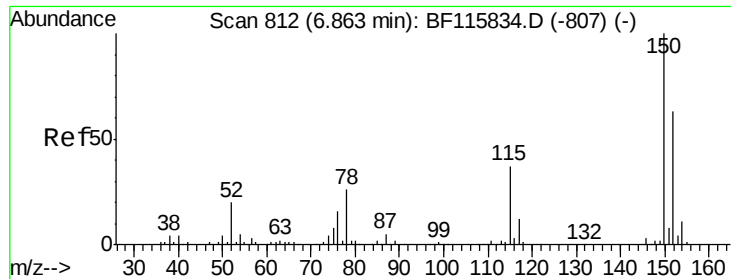
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072919\
 Data File : BF115837.D
 Acq On : 29 Jul 2019 12:50
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	276992	60.575	ng	100
43) 2,4,6-Trichlorophenol	9.14	196	407962	69.593	ng	100
44) 2,4,5-Trichlorophenol	9.18	196	435606	72.559	ng	98
46) 1,1'-Biphenyl	9.33	154	1501214	72.136	ng	99
47) 2-Chloronaphthalene	9.35	162	1279485	73.838	ng	98
48) 2-Nitroaniline	9.45	65	450532	84.002	ng	97
49) Acenaphthylene	9.77	152	1875686	73.051	ng	98
50) Dimethylphthalate	9.63	163	1526846	76.236	ng	99
51) 2,6-Dinitrotoluene	9.69	165	352187	77.379	ng	# 87
52) Acenaphthene	9.94	154	1137962	68.647	ng	100
53) 3-Nitroaniline	9.86	138	428124	82.312	ng	92
54) 2,4-Dinitrophenol	9.97	184	192023	82.173	ng	92
55) Dibenzofuran	10.11	168	1636810	69.529	ng	97
56) 4-Nitrophenol	10.02	139	310759	78.352	ng	97
57) 2,4-Dinitrotoluene	10.10	165	463644	78.628	ng	98
58) Fluorene	10.45	166	1245121	73.985	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.23	232	355051	70.748	ng	100
60) Diethylphthalate	10.32	149	1358186	72.378	ng	99
61) 4-Chlorophenyl-phenylether	10.44	204	624385	66.902	ng	100
62) 4-Nitroaniline	10.48	138	437324	87.656	ng	98
63) Azobenzene	10.60	77	1419565	77.991	ng	98
65) 4,6-Dinitro-2-methylphenol	10.51	198	249635	79.531	ng	94
66) n-Nitrosodiphenylamine	10.56	169	1153597	72.186	ng	99
67) 4-Bromophenyl-phenylether	10.93	248	412807	70.314	ng	99
68) Hexachlorobenzene	11.00	284	478207	71.325	ng	99
69) Atrazine	11.08	200	170541	32.530	ng	99
70) Pentachlorophenol	11.19	266	250480	61.082	ng	99
71) Phenanthrene	11.42	178	1909808	72.522	ng	99
72) Anthracene	11.46	178	1942771	71.385	ng	99
73) Carbazole	11.62	167	1825048	76.471	ng	98
74) Di-n-butylphthalate	11.94	149	1975452	67.198	ng	98
75) Fluoranthene	12.60	202	2057068	73.920	ng	98
77) Benzidine	12.71	184	631961	50.001	ng	# 95
78) Pyrene	12.83	202	2104757	69.630	ng	99
80) Butylbenzylphthalate	13.44	149	902705	70.054	ng	97
81) Benzo(a)anthracene	14.02	228	1860873	79.170	ng	98
82) 3,3'-Dichlorobenzidine	13.97	252	564647	67.575	ng	100
83) Chrysene	14.06	228	1738338	73.672	ng	98
84) Bis(2-ethylhexyl)phthalate	14.00	149	1143931	71.668	ng	# 99
85) Di-n-octyl phthalate	14.60	149	1813179	71.395	ng	99
86) Indeno(1,2,3-cd)pyrene	16.97	276	1691106	84.360	ng	100
88) Benzo(b)fluoranthene	15.06	252	1780949	77.454	ng	99
89) Benzo(k)fluoranthene	15.10	252	1435712	70.034	ng	99
90) Benzo(a)pyrene	15.43	252	1488303	75.308	ng	99
91) Dibenzo(a,h)anthracene	16.99	278	1342606	77.385	ng	100
92) Benzo(g,h,i)perylene	17.42	276	1398925	80.847	ng	99

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

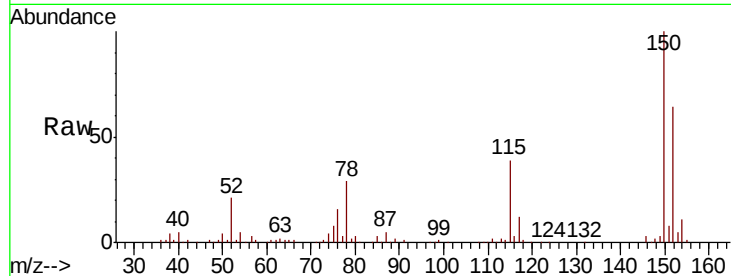


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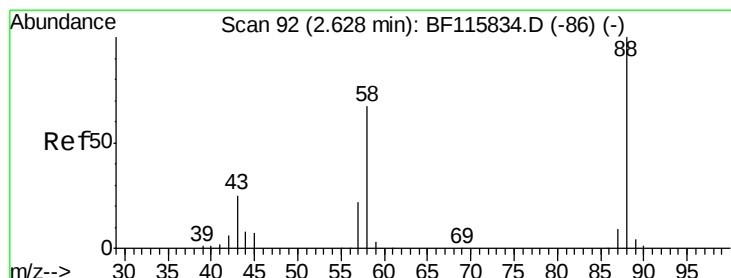
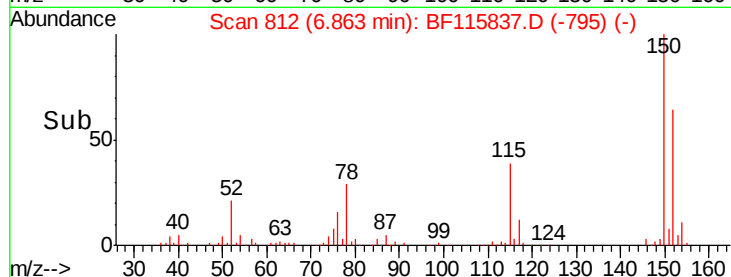
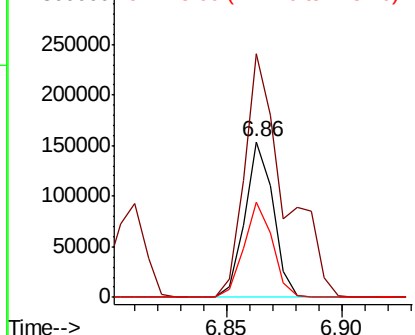
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF115837.D
Acq: 29 Jul 2019 12:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 132570
Ion Ratio Lower Upper
152 100
150 156.6 127.6 191.4
115 61.3 47.7 71.5



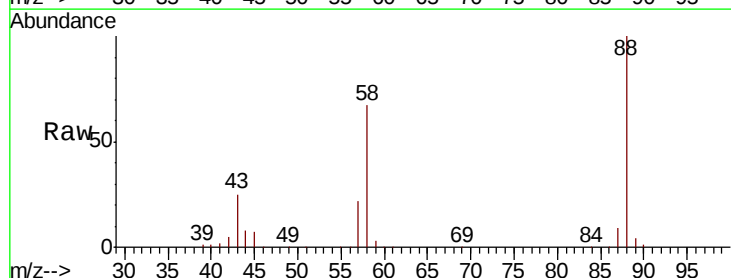
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



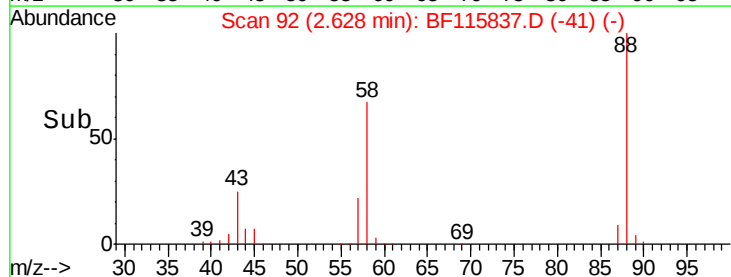
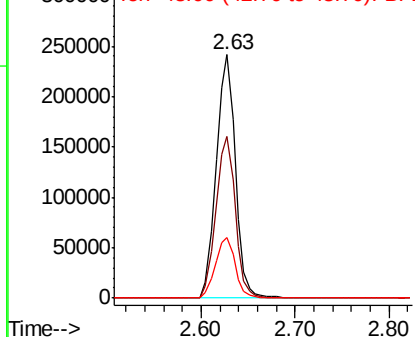
#2

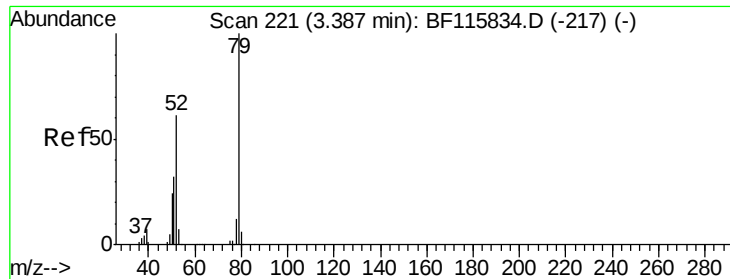
1,4-Dioxane
Concen: 85.180 ng
RT: 2.63 min Scan# 92
Delta R.T. 0.00 min
Lab File: BF115837.D
Acq: 29 Jul 2019 12:50

Tgt Ion: 88 Resp: 344363
Ion Ratio Lower Upper
88 100
58 67.0 54.4 81.6
43 25.9 21.1 31.7



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: 85.463 ng

RT: 3.39 min Scan# 221

Delta R.T. 0.00 min

Lab File: BF115837.D

Acq: 29 Jul 2019 12:50

Instrument :

BNA_F

ClientSampleId :

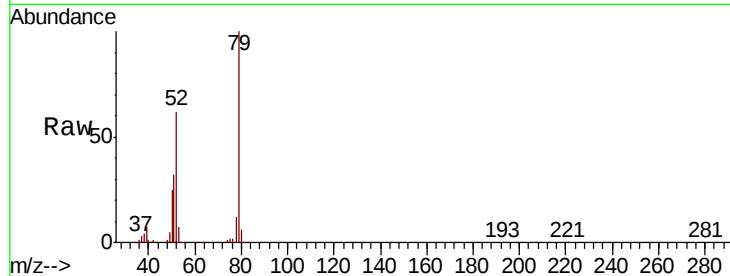
Tot Ion: 79 Resp: 937402

Ion Ratio Lower Upper

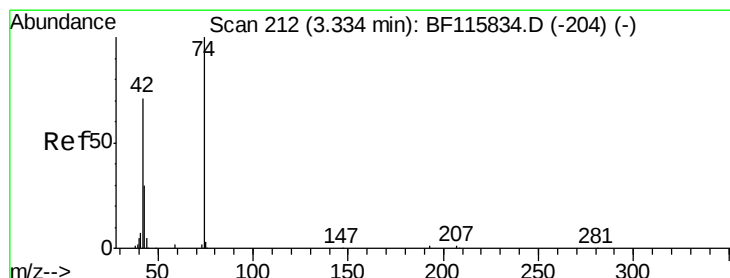
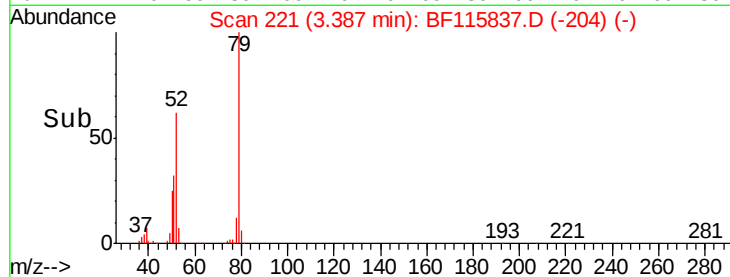
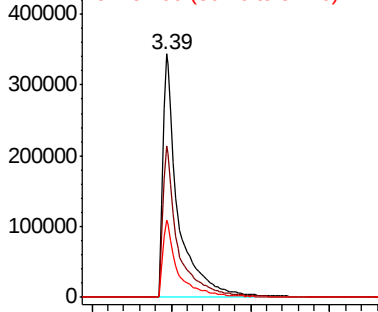
79 100

52 62.0 48.6 73.0

51 31.9 25.3 37.9



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: 98.555 ng

RT: 3.36 min Scan# 216

Delta R.T. 0.02 min

Lab File: BF115837.D

Acq: 29 Jul 2019 12:50

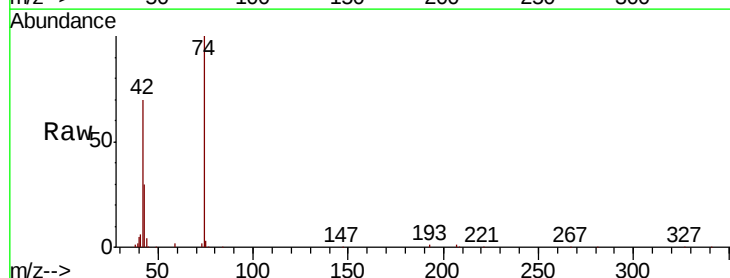
Tgt Ion: 42 Resp: 392164

Ion Ratio Lower Upper

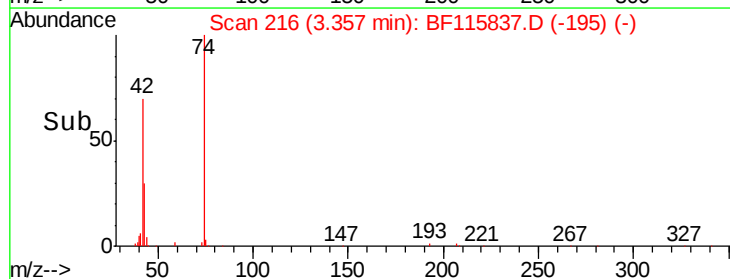
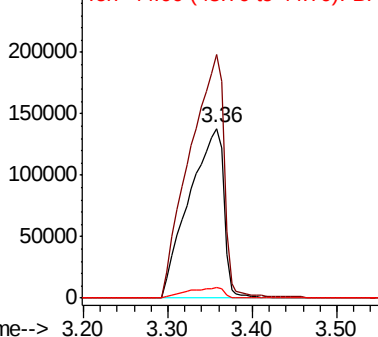
42 100

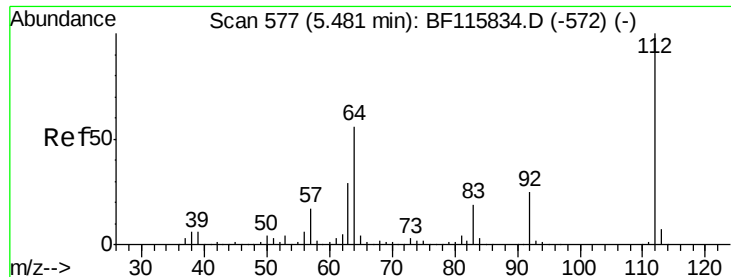
74 143.7 113.0 169.6

44 6.4 5.4 8.0



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 159.148 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF115837.D

Acq: 29 Jul 2019 12:50

Instrument :

BNA_F

ClientSampled :

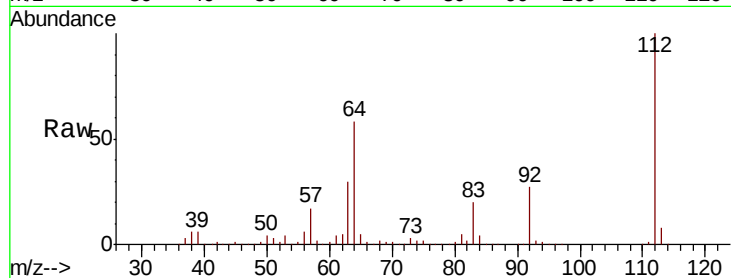
Tot Ion:112 Resp: 1289849

Ion Ratio Lower Upper

112 100

64 58.5 44.9 67.3

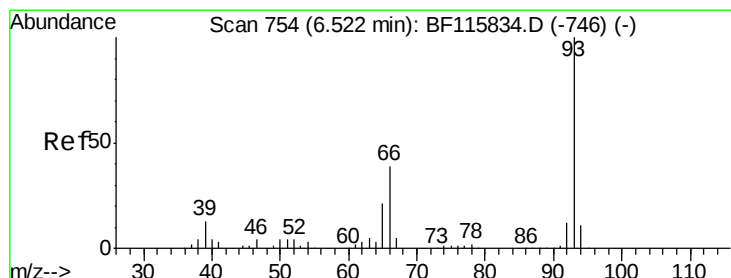
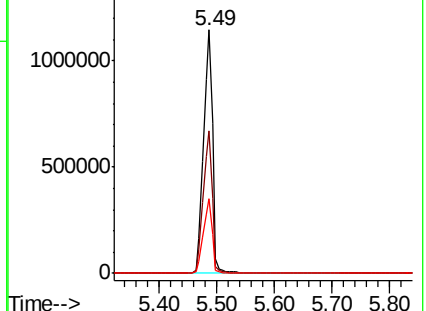
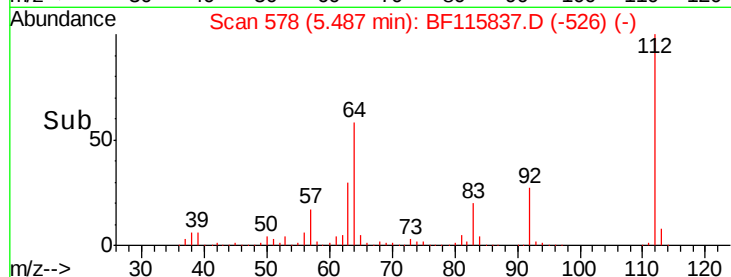
63 30.4 23.4 35.0



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: 77.635 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF115837.D

Acq: 29 Jul 2019 12:50

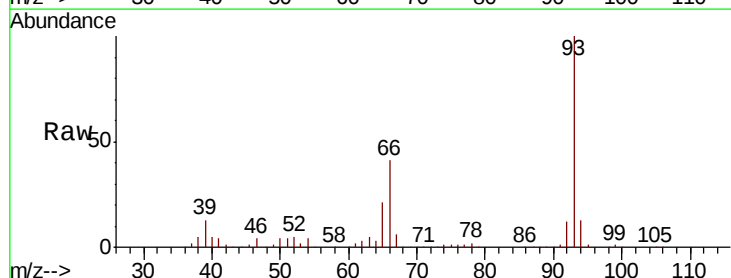
Tgt Ion: 93 Resp: 1111076

Ion Ratio Lower Upper

93 100

66 40.7 31.9 47.9

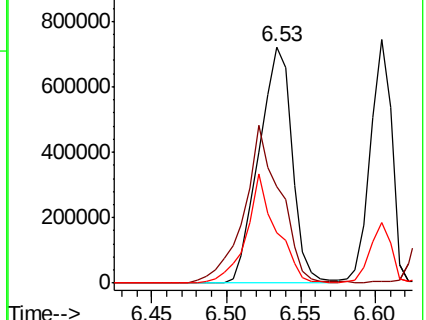
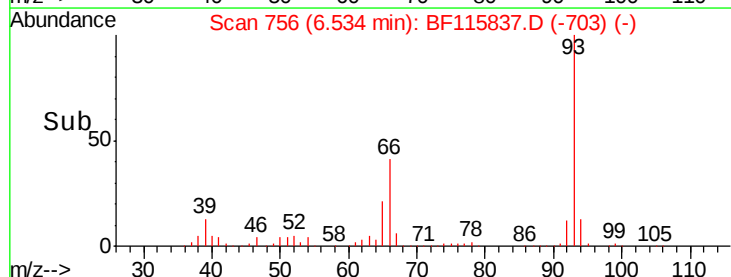
65 21.2 17.0 25.6

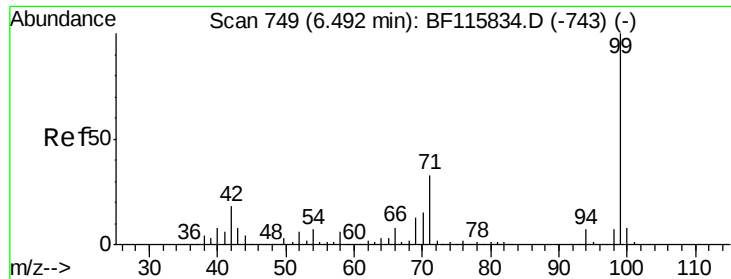


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 159.201 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.02 min

Lab File: BF115837.D

Acq: 29 Jul 2019 12:50

Instrument :

BNA_F

ClientSampled :

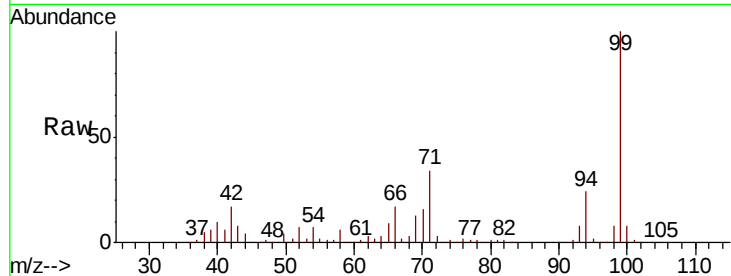
Tot Ion: 99 Resp: 1637224

Ion Ratio Lower Upper

99 100

42 17.2 14.1 21.1

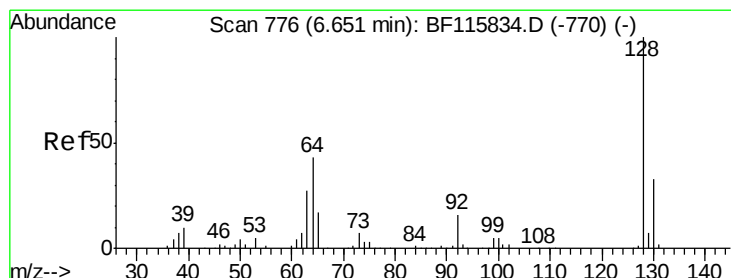
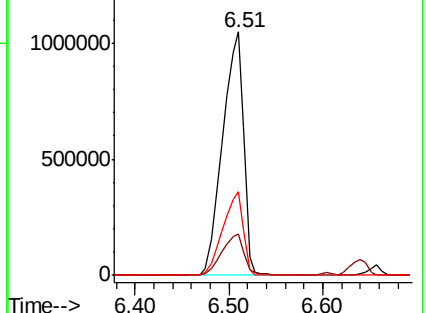
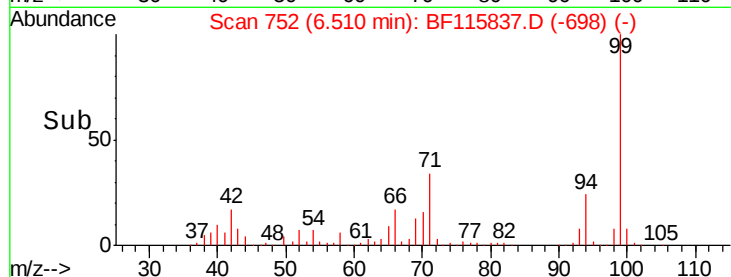
71 34.3 26.4 39.6



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: 77.499 ng

RT: 6.66 min Scan# 777

Delta R.T. 0.01 min

Lab File: BF115837.D

Acq: 29 Jul 2019 12:50

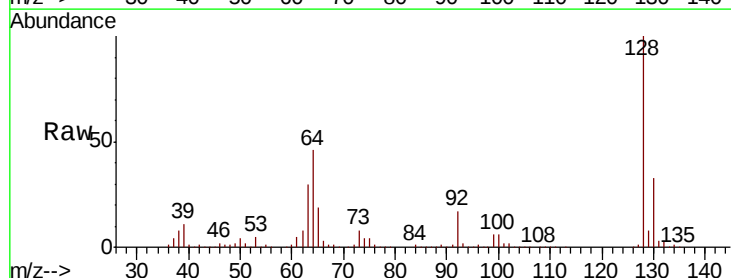
Tgt Ion: 128 Resp: 722148

Ion Ratio Lower Upper

128 100

130 33.0 13.4 53.4

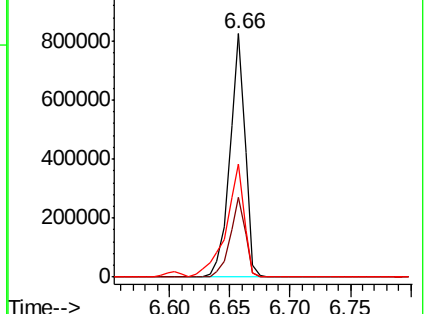
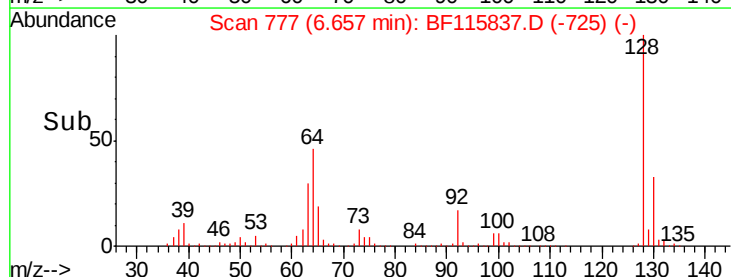
64 46.4 23.6 63.6

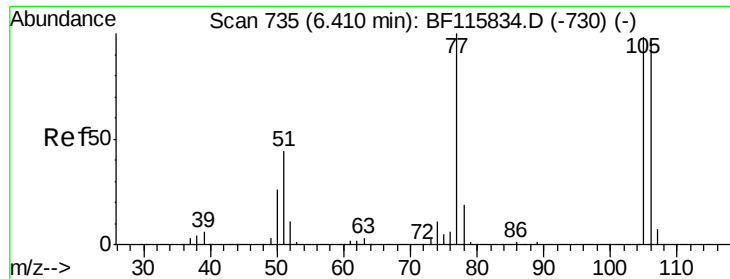


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 59.747 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF115837.D

Acq: 29 Jul 2019 12:50

Instrument :

BNA_F

ClientSampleId :

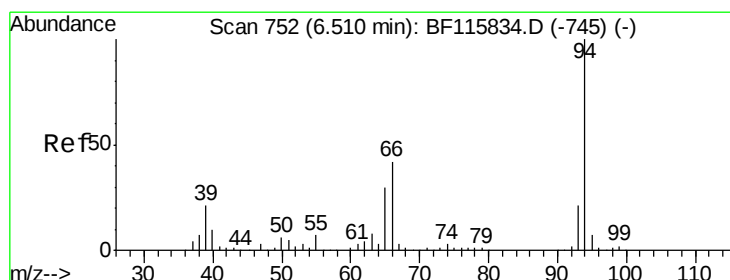
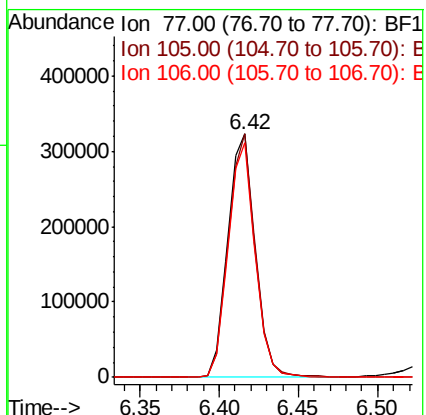
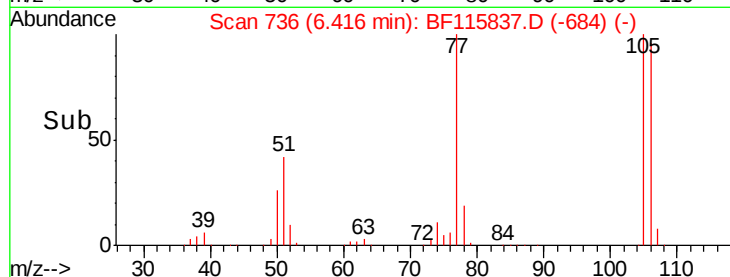
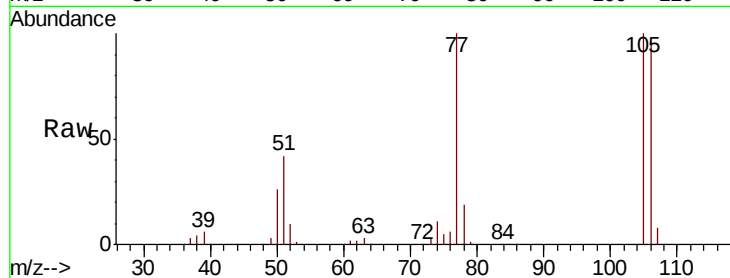
Tot Ion: 77 Resp: 383968

Ion Ratio Lower Upper

77 100

105 99.8 77.8 117.8

106 96.5 76.1 116.1



#10

Phenol

Concen: 79.176 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF115837.D

Acq: 29 Jul 2019 12:50

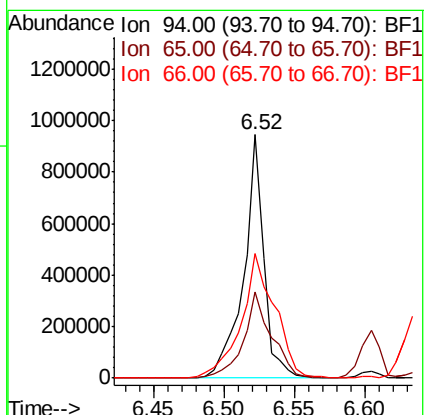
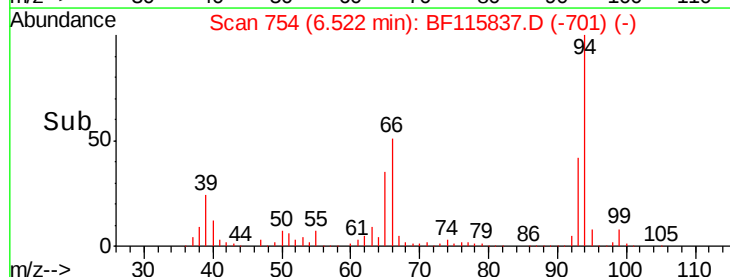
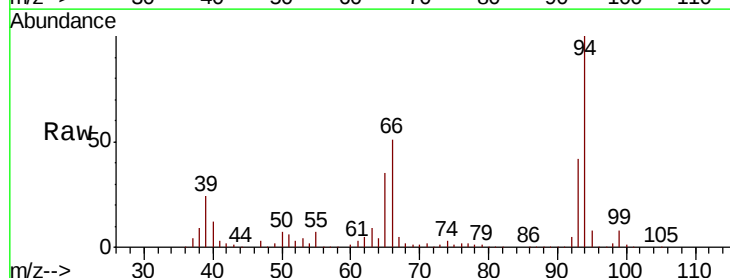
Tgt Ion: 94 Resp: 945230

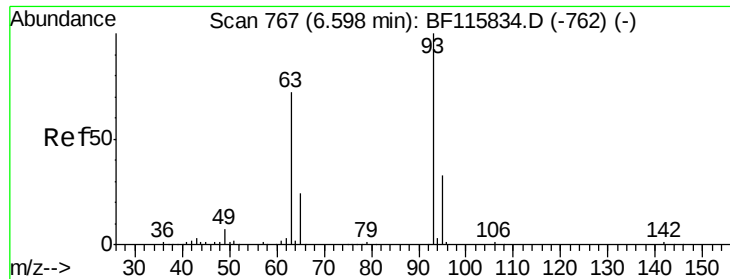
Ion Ratio Lower Upper

94 100

65 35.5 9.7 49.7

66 51.2 21.5 61.5

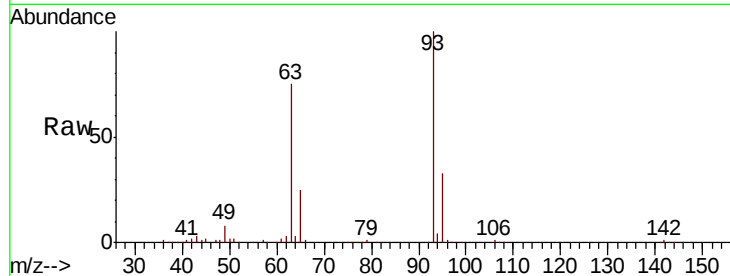




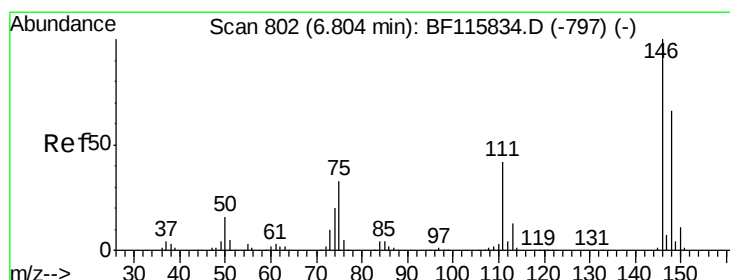
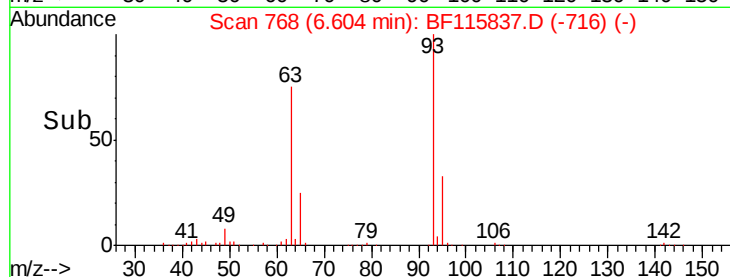
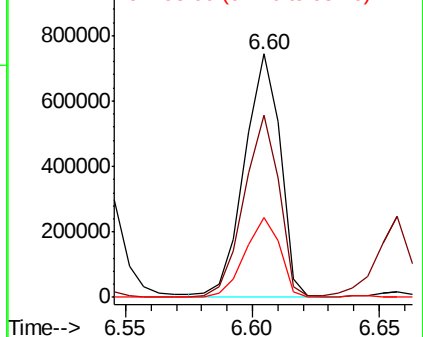
#11
bis(2-Chloroethyl)ether
Concen: 80.138 ng
RT: 6.60 min Scan# 768
Delta R.T. 0.01 min
Lab File: BF115837.D
Acq: 29 Jul 2019 12:50

Instrument :
BNA_F
ClientSampled :

Tot Ion: 93 Resp: 728398
Ion Ratio Lower Upper
93 100
63 74.6 51.9 91.9
95 32.8 12.7 52.7

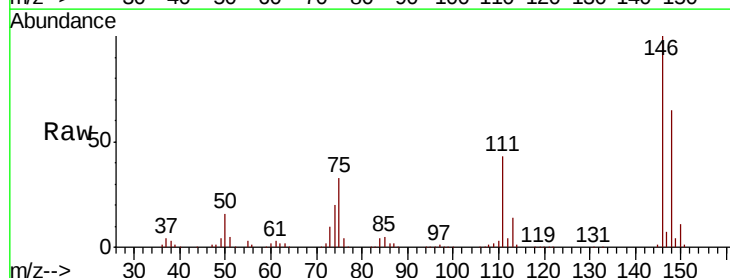


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

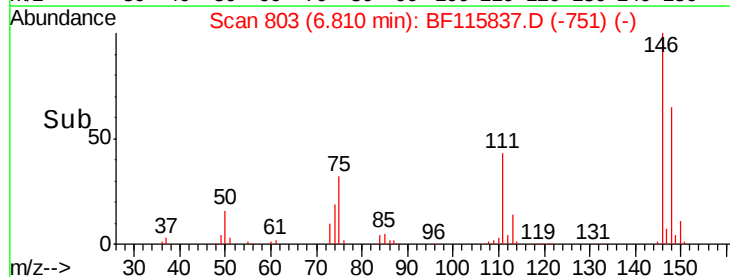
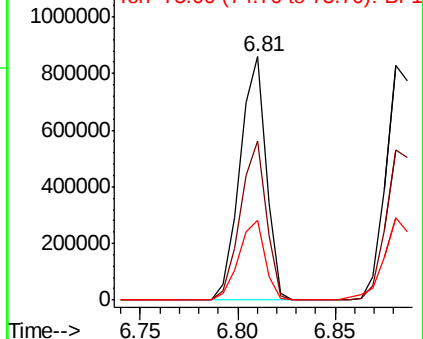


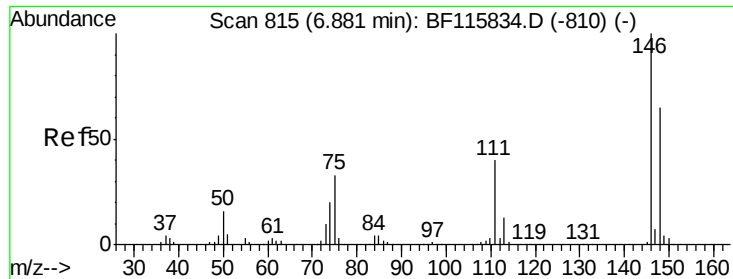
#12
1,3-Dichlorobenzene
Concen: 76.631 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF115837.D
Acq: 29 Jul 2019 12:50

Tgt Ion: 146 Resp: 802833
Ion Ratio Lower Upper
146 100
148 65.3 52.5 78.7
75 32.6 26.5 39.7



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

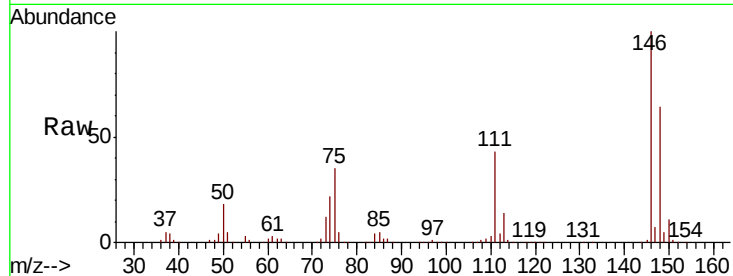




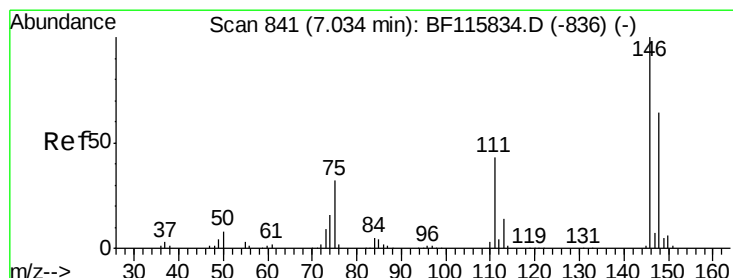
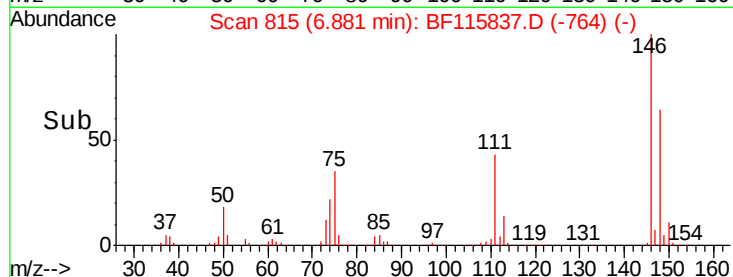
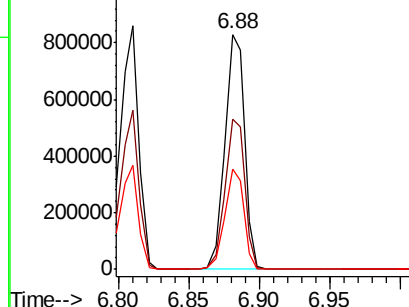
#13
 1,4-Dichlorobenzene
 Concen: 76.750 ng
 RT: 6.88 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF115837.D
 Acq: 29 Jul 2019 12:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 802273
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.6 77.4
 111 42.5 31.9 47.9

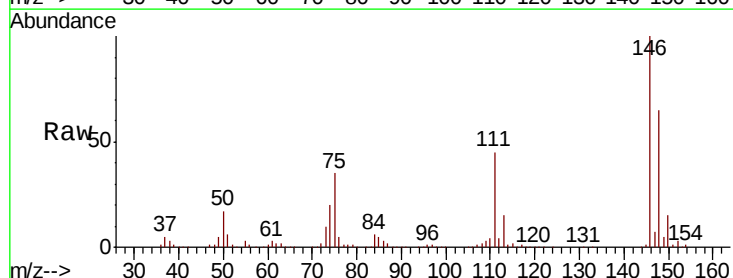


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

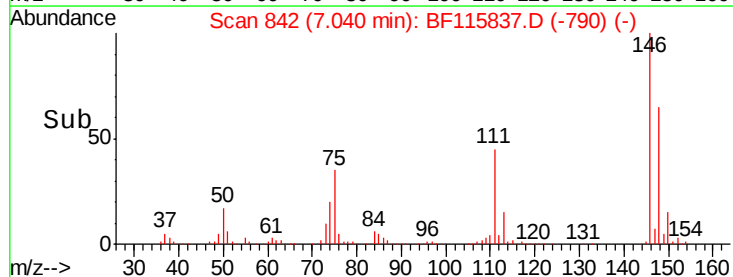
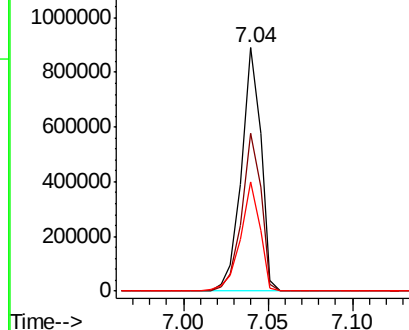


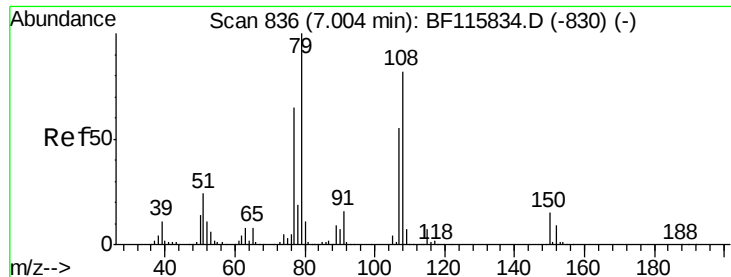
#14
 1,2-Dichlorobenzene
 Concen: 74.876 ng
 RT: 7.04 min Scan# 842
 Delta R.T. 0.01 min
 Lab File: BF115837.D
 Acq: 29 Jul 2019 12:50

Tgt Ion:146 Resp: 715474
 Ion Ratio Lower Upper
 146 100
 148 64.7 50.9 76.3
 111 45.0 34.4 51.6



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: 75.648 ng

RT: 7.01 min Scan# 837

Delta R.T. 0.01 min

Lab File: BF115837.D

Acq: 29 Jul 2019 12:50

Instrument :

BNA_F

ClientSampled :

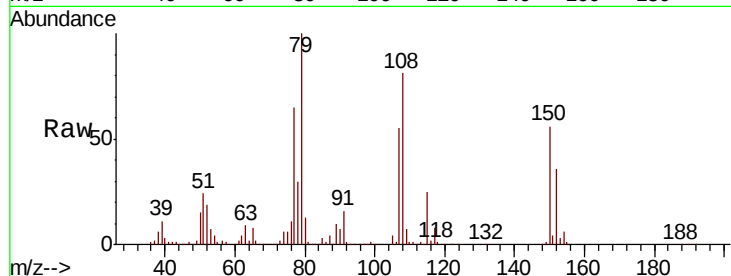
Tot Ion: 79 Resp: 617140

Ion Ratio Lower Upper

79 100

108 81.0 65.4 98.2

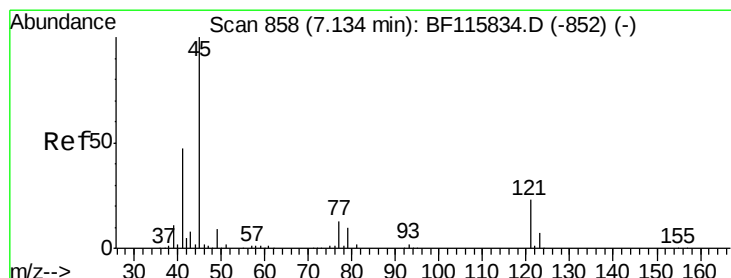
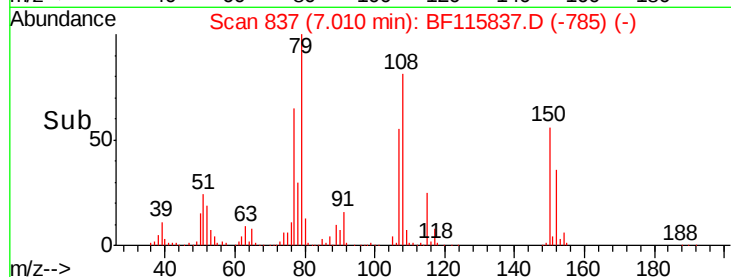
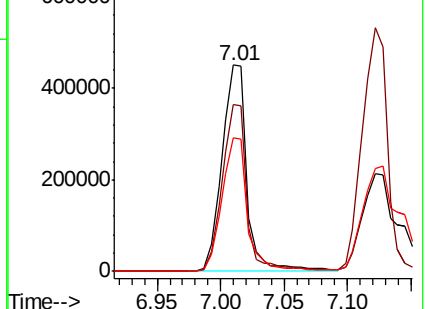
77 64.7 52.2 78.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 77.478 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.01 min

Lab File: BF115837.D

Acq: 29 Jul 2019 12:50

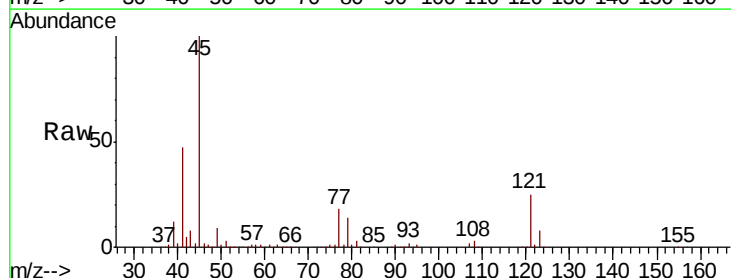
Tgt Ion: 45 Resp: 927126

Ion Ratio Lower Upper

45 100

77 17.6 0.0 36.5

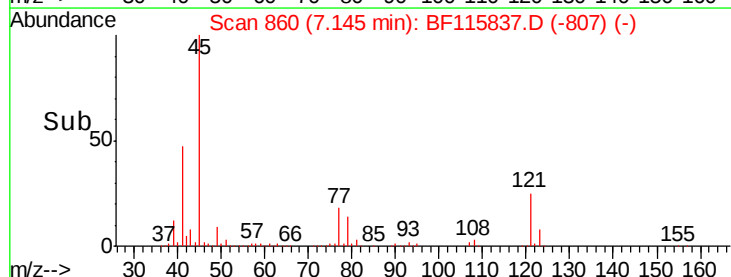
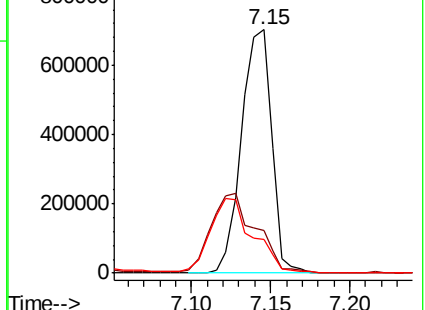
79 14.1 0.0 32.7

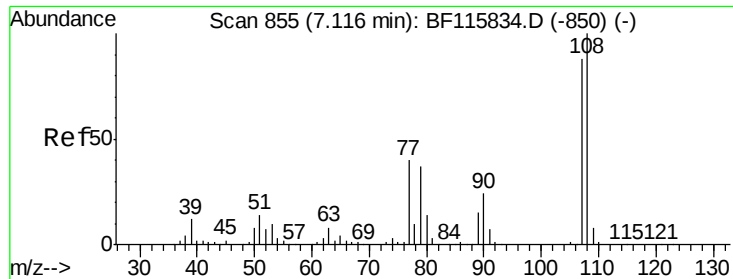


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

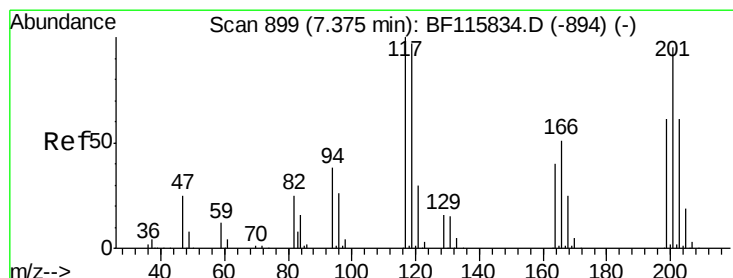
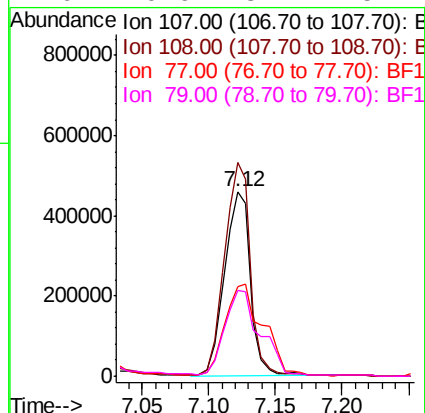
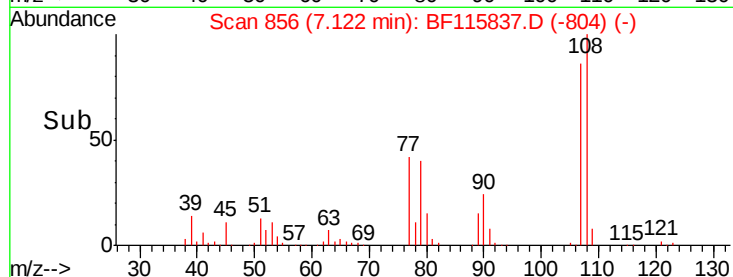
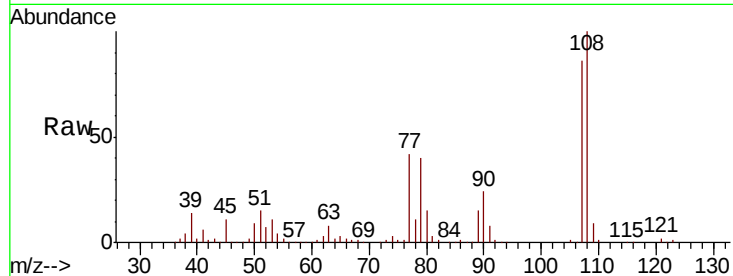




#17
2-Methylphenol
Concen: 78.322 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.01 min
Lab File: BF115837.D
Acq: 29 Jul 2019 12:50

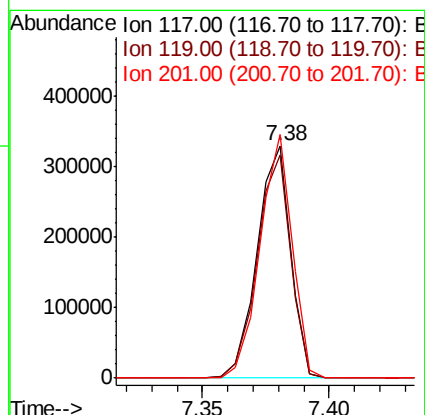
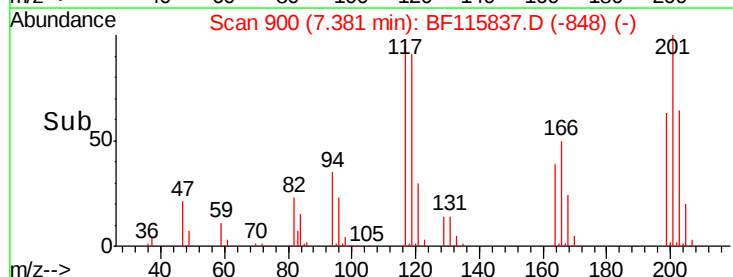
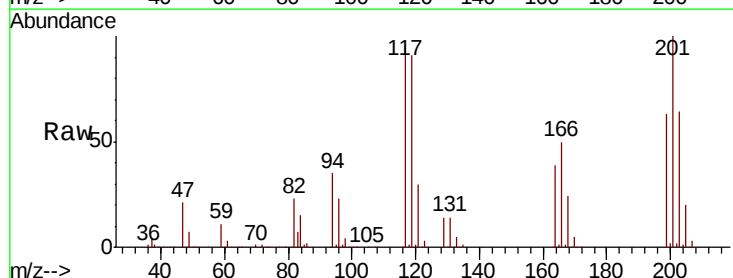
Instrument :
BNA_F
ClientSampleId :

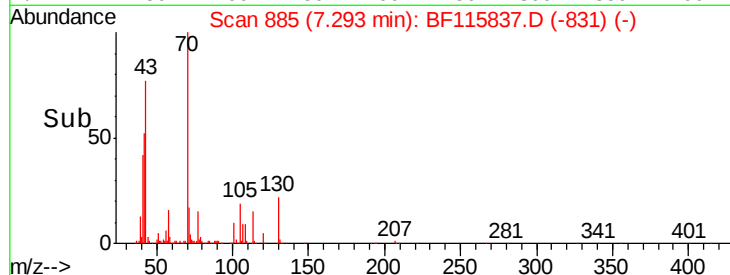
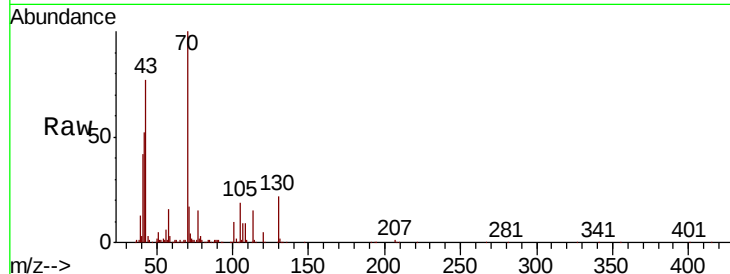
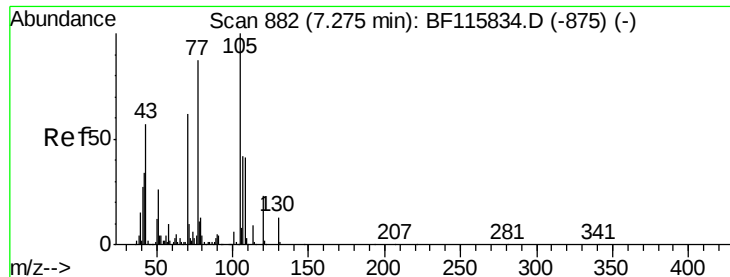
Tot Ion	Ratio	Lower	Upper
107	100		
108	115.8	91.4	137.2
77	48.8	36.6	54.8
79	46.6	34.7	52.1



#18
Hexachloroethane
Concen: 78.368 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.01 min
Lab File: BF115837.D
Acq: 29 Jul 2019 12:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	77.5	116.3
201	104.8	75.9	113.9

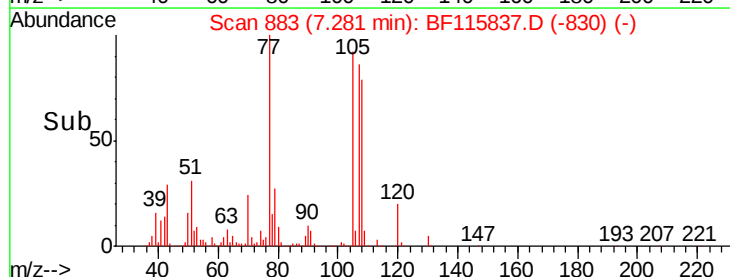
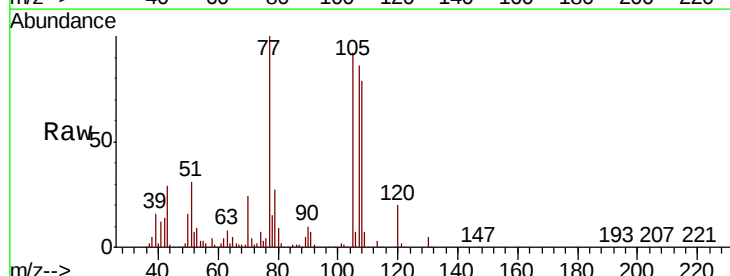
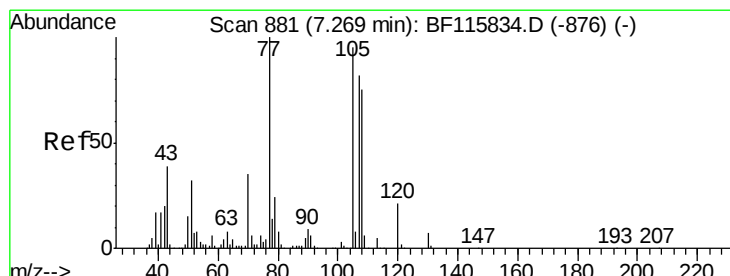
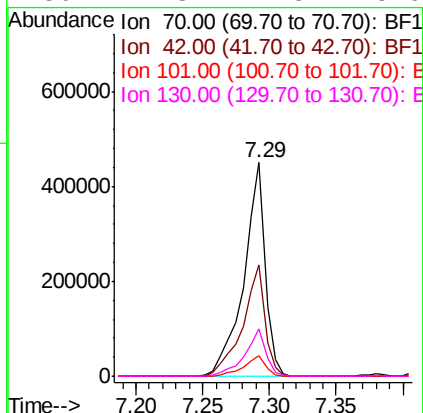




#19
n-Nitroso-di-n-propylamine
Concen: 74.323 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.02 min
Lab File: BF115837.D
Acq: 29 Jul 2019 12:50

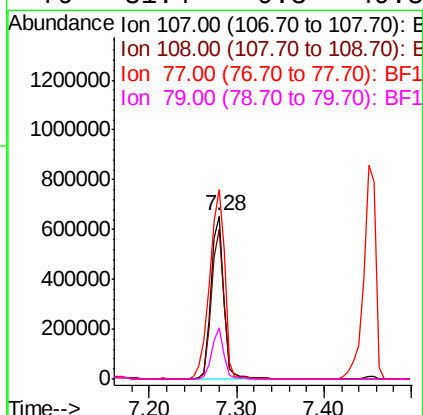
Instrument :
BNA_F
ClientSampleId :

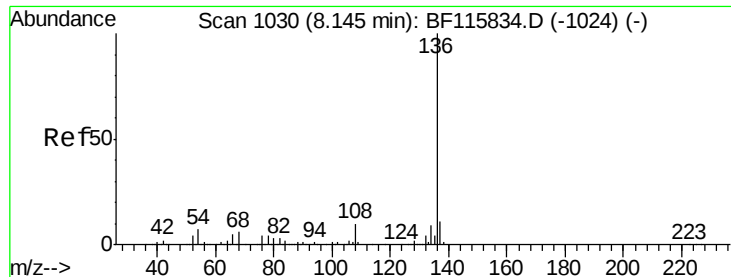
Tot Ion: 70 Resp: 498492
Ion Ratio Lower Upper
70 100
42 51.9 43.4 65.0
101 9.6 7.9 11.9
130 22.3 17.3 25.9



#20
3+4-Methylphenols
Concen: 69.807 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.01 min
Lab File: BF115837.D
Acq: 29 Jul 2019 12:50

Tgt Ion: 107 Resp: 665854
Ion Ratio Lower Upper
107 100
108 92.2 71.2 111.2
77 116.1 102.2 142.2
79 31.4 9.3 49.3

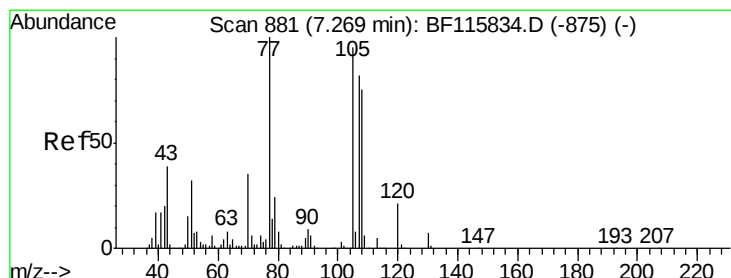
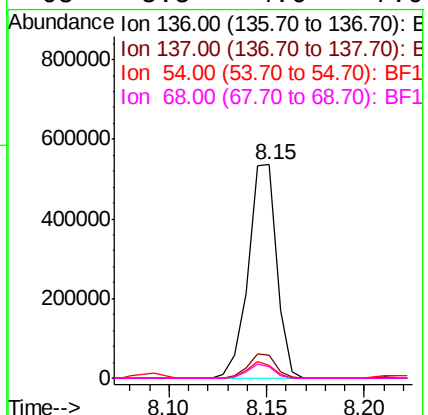
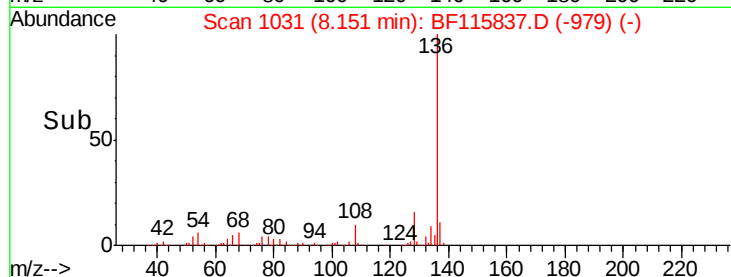
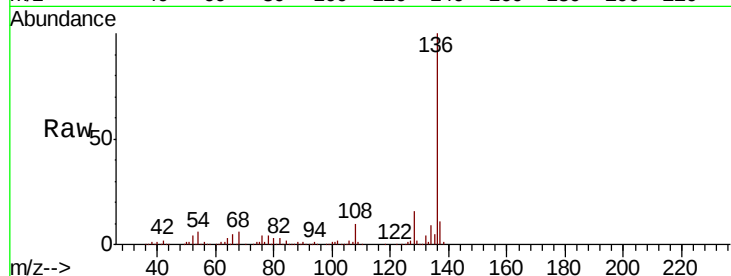




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.01 min
Lab File: BF115837.D
Acq: 29 Jul 2019 12:50

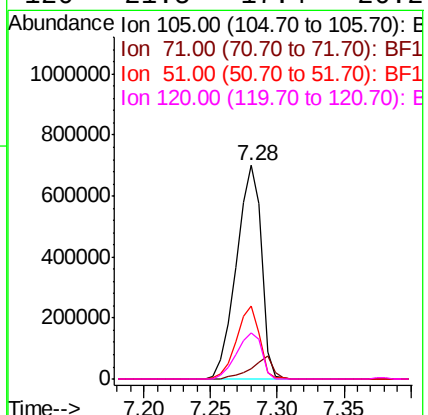
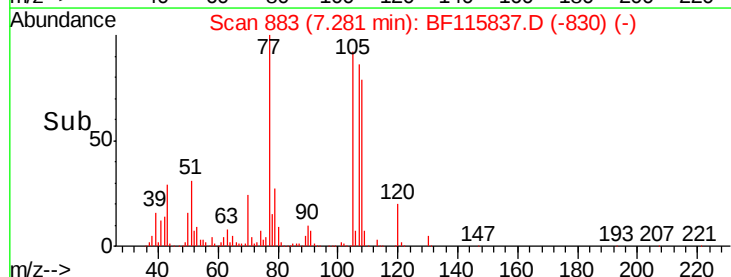
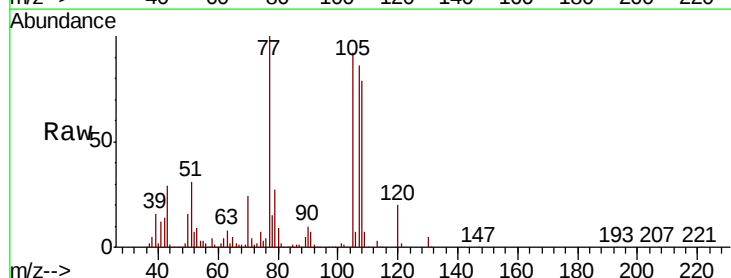
Instrument :
BNA_F
ClientSampleId :

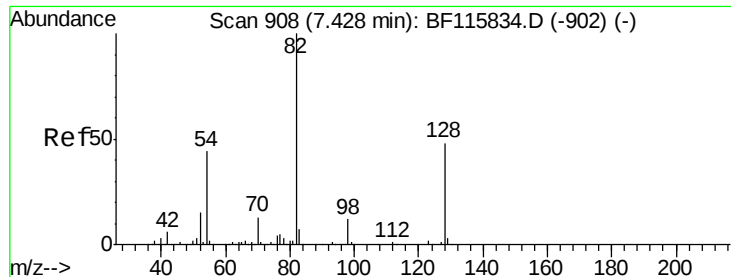
Tot Ion:136	Resp:	544867
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.0 13.4
54	6.2	5.4 8.2
68	5.5	4.6 7.0



#22
Acetophenone
Concen: 73.841 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.01 min
Lab File: BF115837.D
Acq: 29 Jul 2019 12:50

Tgt Ion:105	Resp:	908930
Ion Ratio	Lower	Upper
105	100	
71	4.6	5.0 7.6#
51	34.1	27.0 40.6
120	21.5	17.4 26.2

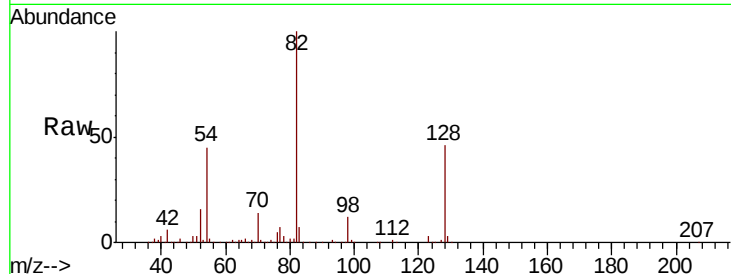




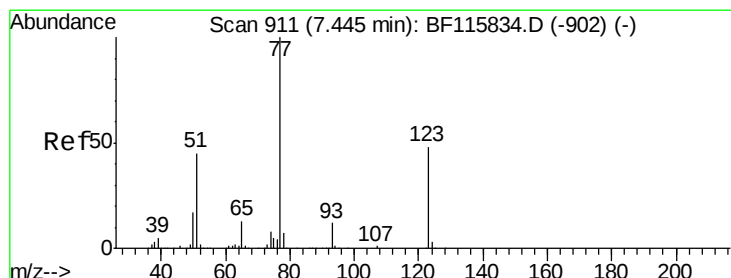
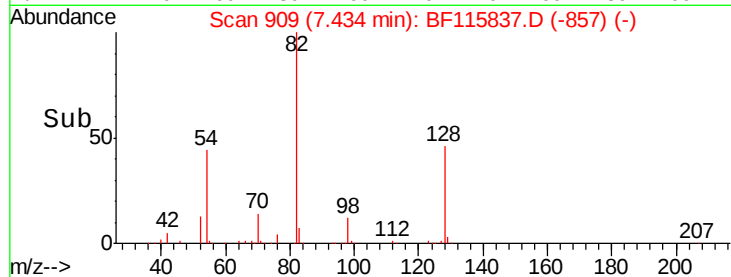
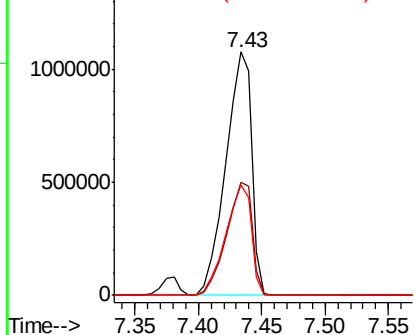
#23
Nitrobenzene-d5
Concen: 160.999 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.01 min
Lab File: BF115837.D
Acq: 29 Jul 2019 12:50

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 1508652
Ion Ratio Lower Upper
82 100
128 46.3 38.0 57.0
54 45.3 35.4 53.0

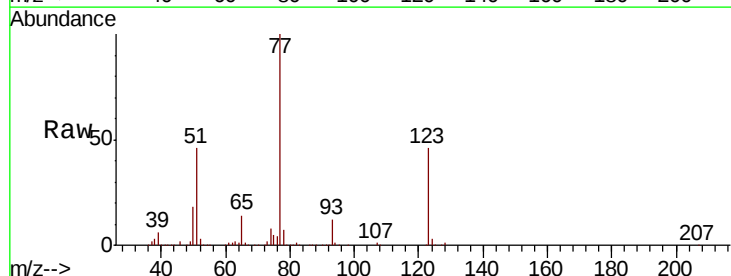


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

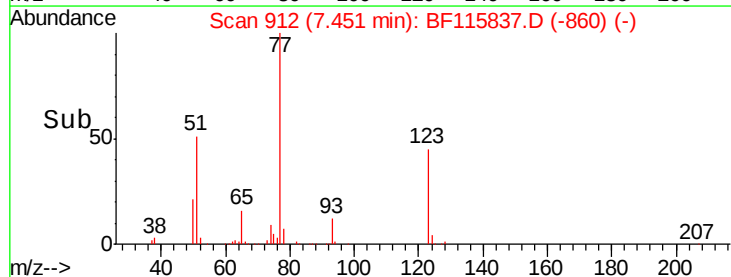
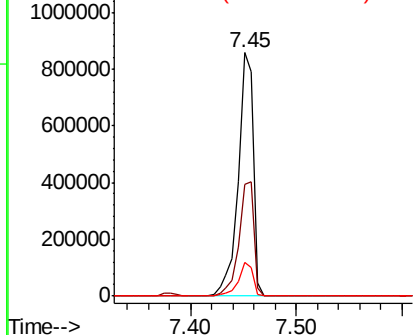


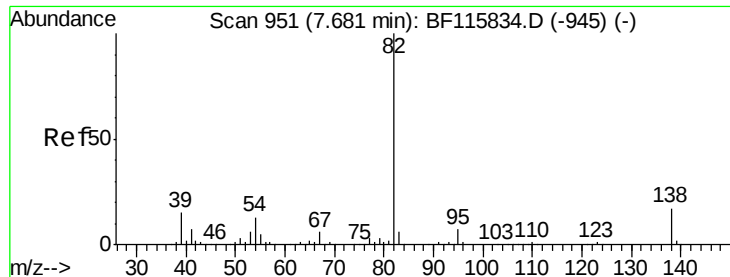
#24
Nitrobenzene
Concen: 81.880 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.01 min
Lab File: BF115837.D
Acq: 29 Jul 2019 12:50

Tgt Ion: 77 Resp: 827556
Ion Ratio Lower Upper
77 100
123 45.7 38.2 57.2
65 13.9 10.7 16.1



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

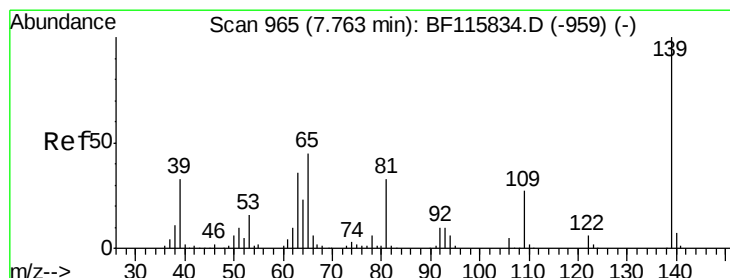
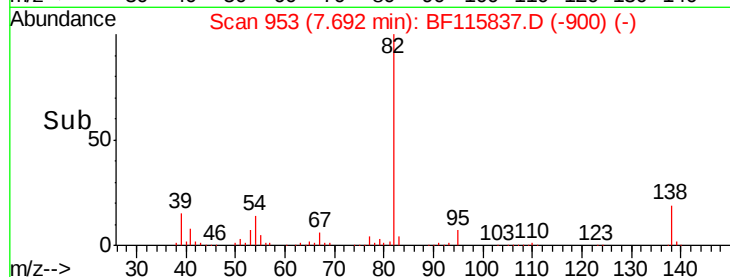
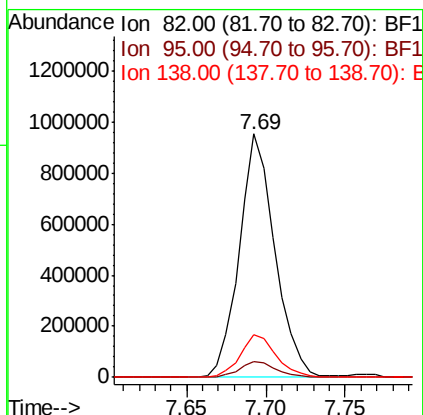
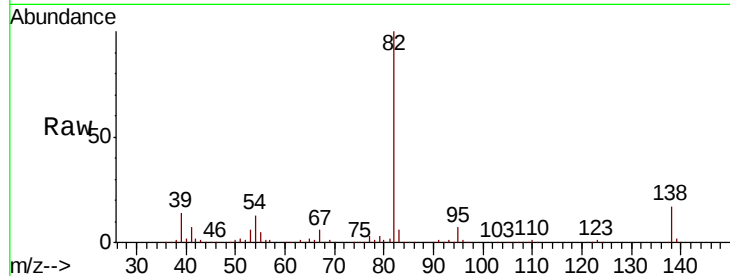




#25
Isophorone
Concen: 79.022 ng
RT: 7.69 min Scan# 953
Delta R.T. 0.01 min
Lab File: BF115837.D
Acq: 29 Jul 2019 12:50

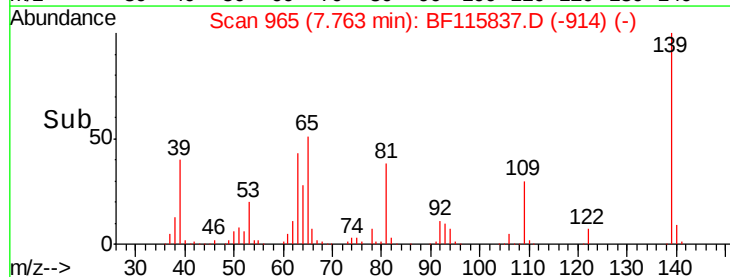
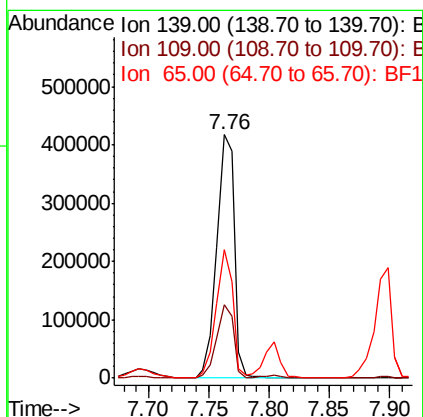
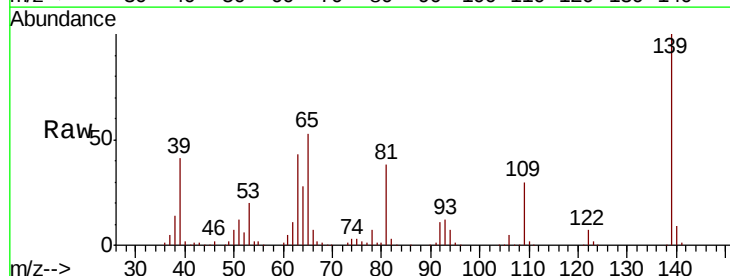
Instrument :
BNA_F
ClientSampleId :

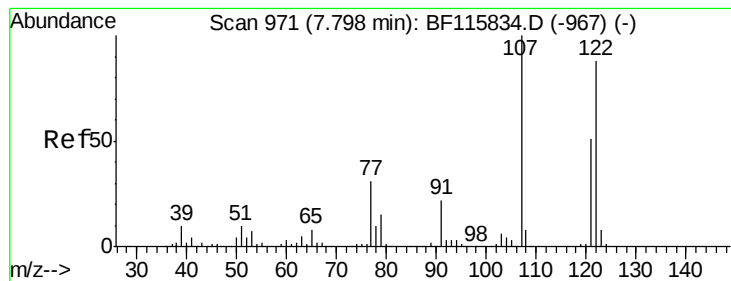
Tot Ion: 82 Resp: 1481711
Ion Ratio Lower Upper
82 100
95 6.6 5.4 8.0
138 17.5 13.8 20.6



#26
2-Nitrophenol
Concen: 80.123 ng
RT: 7.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BF115837.D
Acq: 29 Jul 2019 12:50

Tgt Ion: 139 Resp: 416819
Ion Ratio Lower Upper
139 100
109 30.3 22.0 33.0
65 52.8 35.7 53.5





#27

2,4-Dimethylphenol

Concen: 74.172 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.01 min

Lab File: BF115837.D

Acq: 29 Jul 2019 12:50

Instrument :

BNA_F

ClientSampled :

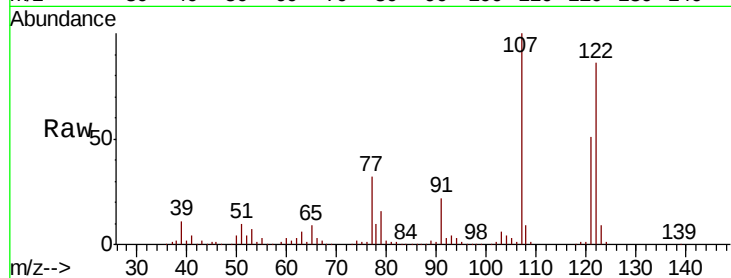
Tot Ion:122 Resp: 577339

Ion Ratio Lower Upper

122 100

107 116.8 90.6 135.8

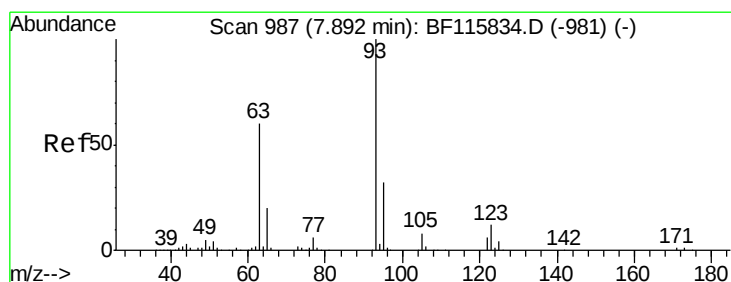
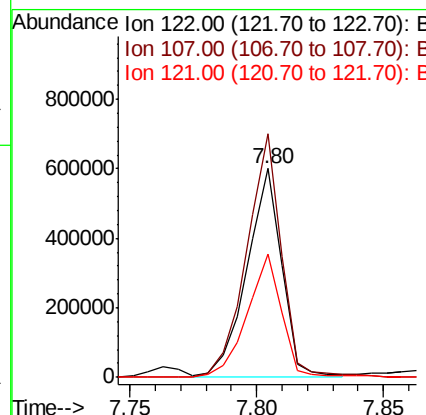
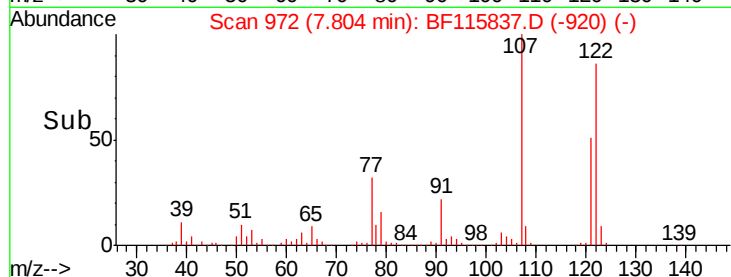
121 59.0 46.2 69.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 76.199 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.01 min

Lab File: BF115837.D

Acq: 29 Jul 2019 12:50

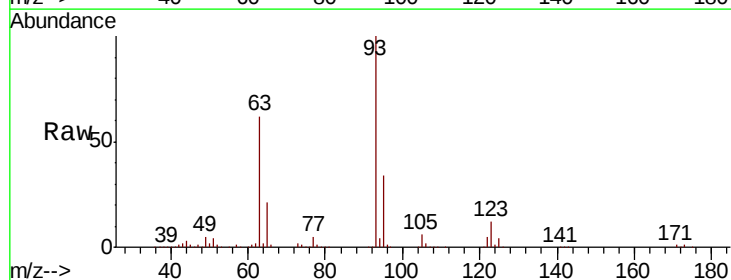
Tgt Ion: 93 Resp: 876527

Ion Ratio Lower Upper

93 100

95 33.8 25.9 38.9

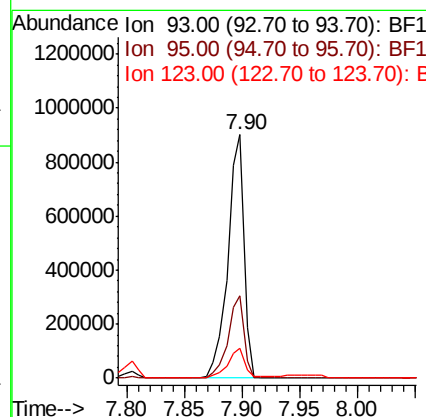
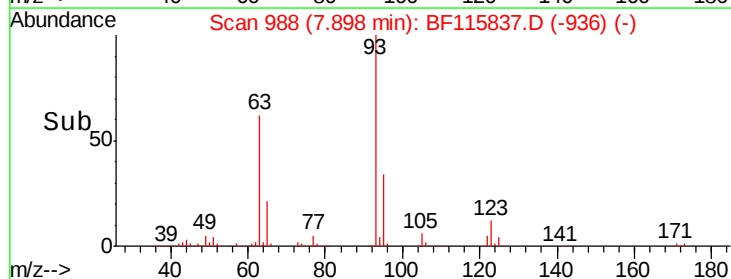
123 12.4 10.0 15.0

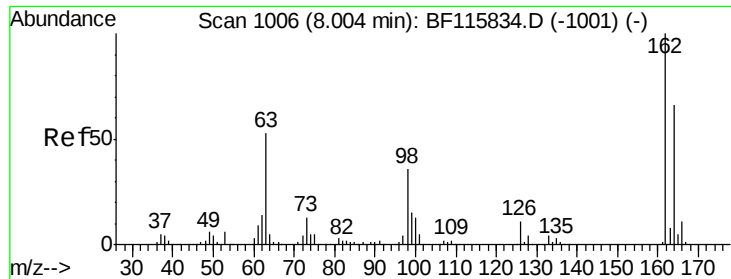


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

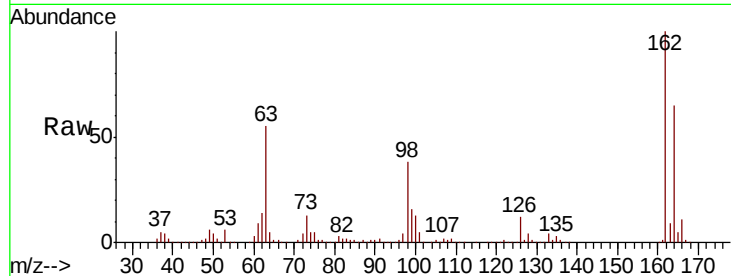




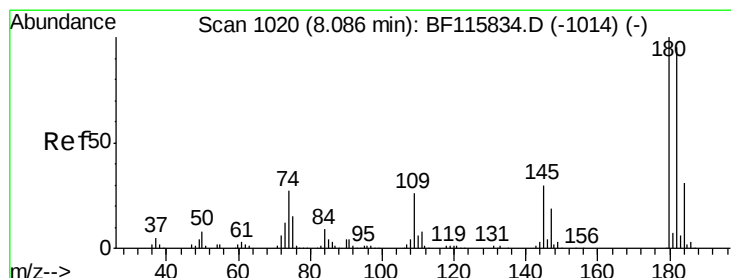
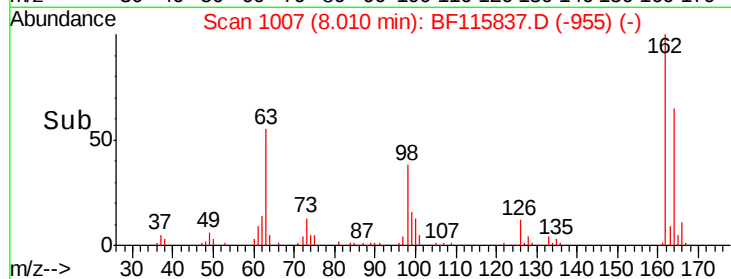
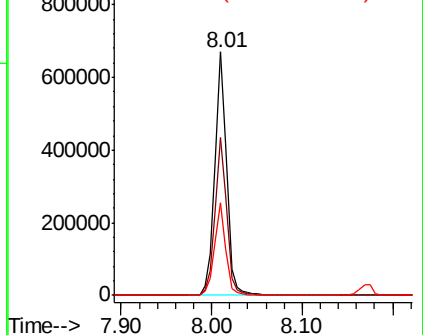
#29
 2,4-Dichlorophenol
 Concen: 75.658 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. 0.01 min
 Lab File: BF115837.D
 Acq: 29 Jul 2019 12:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 612463
 Ion Ratio Lower Upper
 162 100
 164 64.6 46.0 86.0
 98 38.1 16.1 56.1

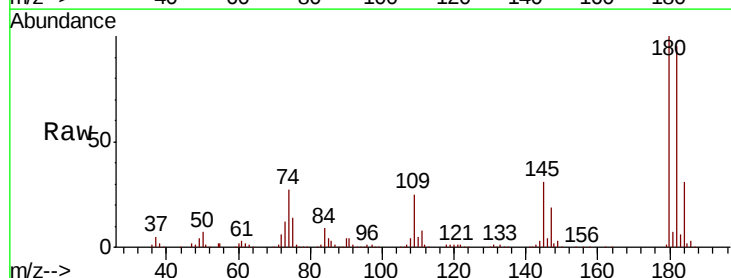


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

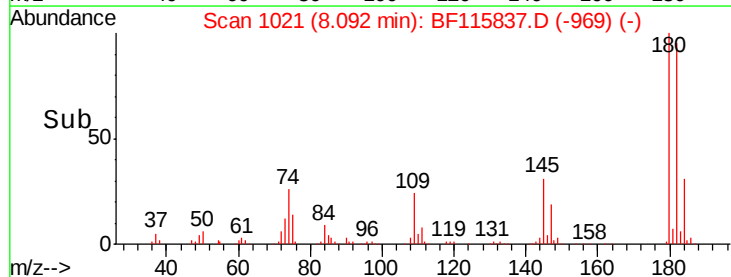
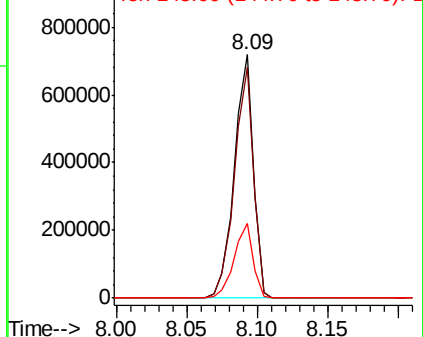


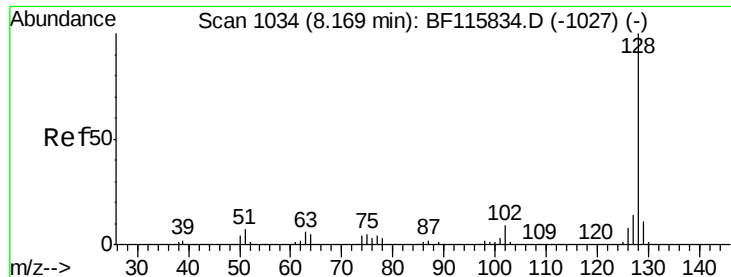
#30
 1,2,4-Trichlorobenzene
 Concen: 73.849 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. 0.01 min
 Lab File: BF115837.D
 Acq: 29 Jul 2019 12:50

Tgt Ion:180 Resp: 675758
 Ion Ratio Lower Upper
 180 100
 182 94.7 76.2 114.4
 145 30.6 24.2 36.2



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

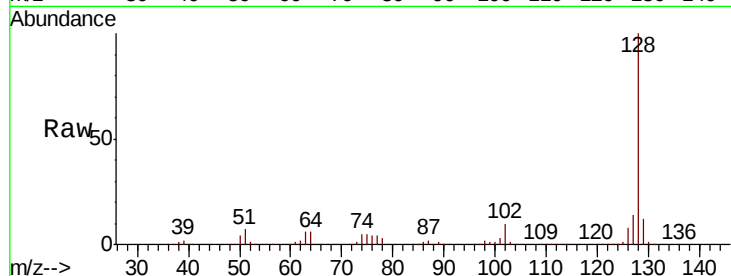




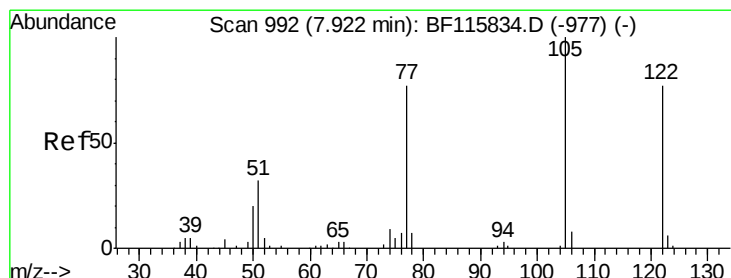
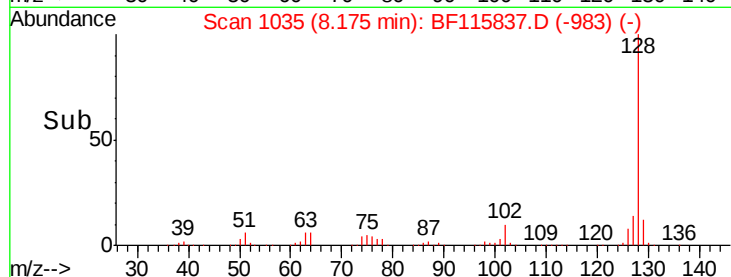
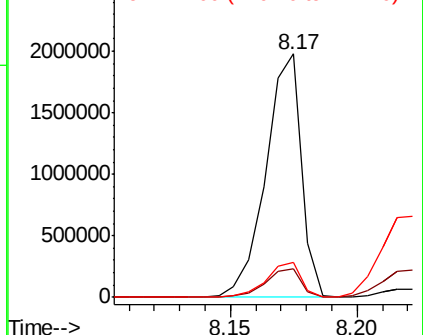
#31
Naphthalene
Concen: 73.783 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.01 min
Lab File: BF115837.D
Acq: 29 Jul 2019 12:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1946986
Ion Ratio Lower Upper
128 100
129 11.7 9.2 13.8
127 14.3 11.0 16.6

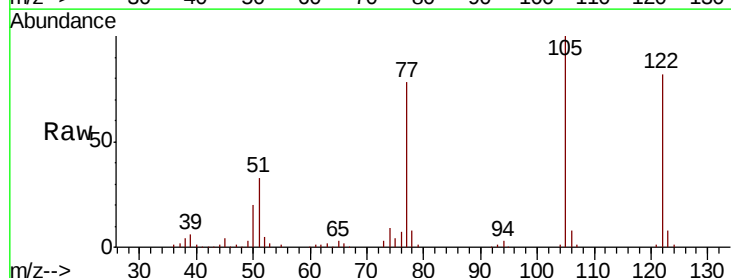


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

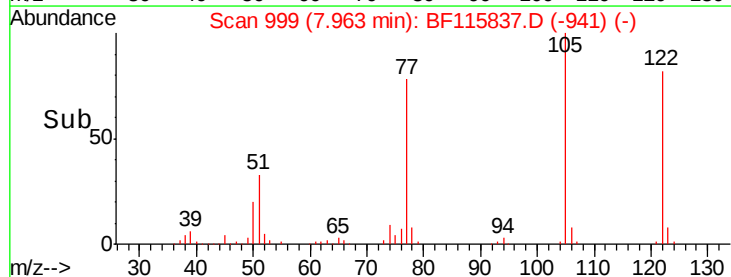
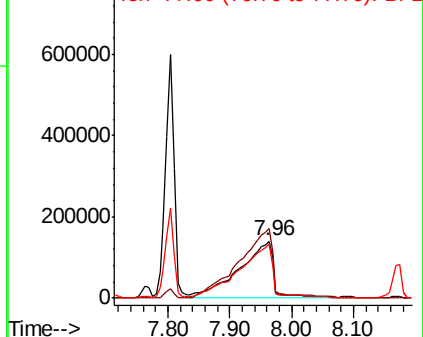


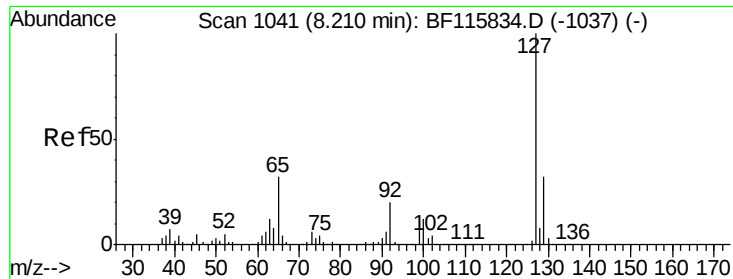
#32
Benzoic acid
Concen: 82.950 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.04 min
Lab File: BF115837.D
Acq: 29 Jul 2019 12:50

Tgt Ion:122 Resp: 529874
Ion Ratio Lower Upper
122 100
105 122.7 103.8 143.8
77 95.7 76.8 116.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

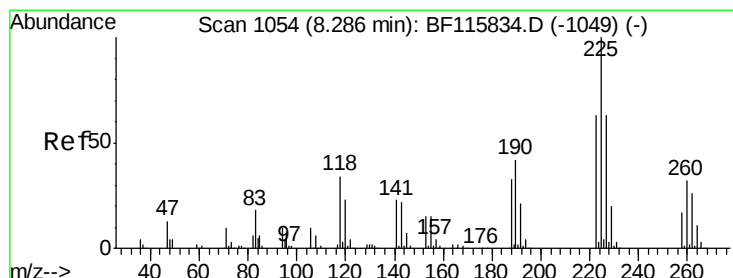
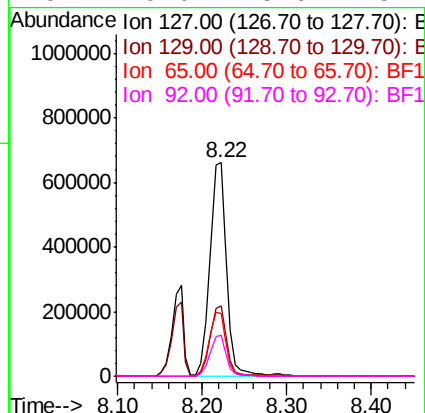
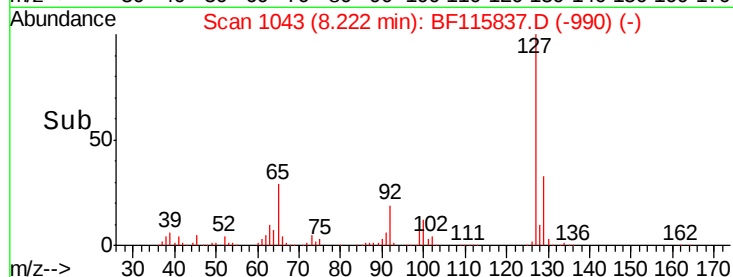
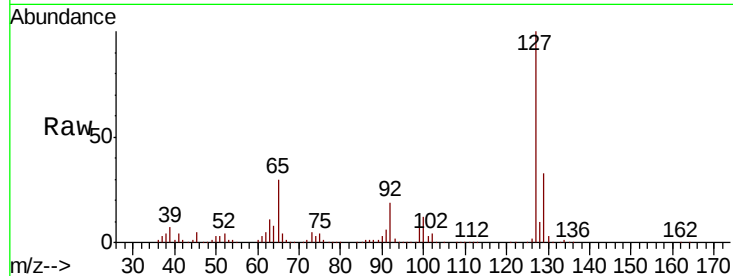




#33
4-Chloroaniline
Concen: 79.353 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.01 min
Lab File: BF115837.D
Acq: 29 Jul 2019 12:50

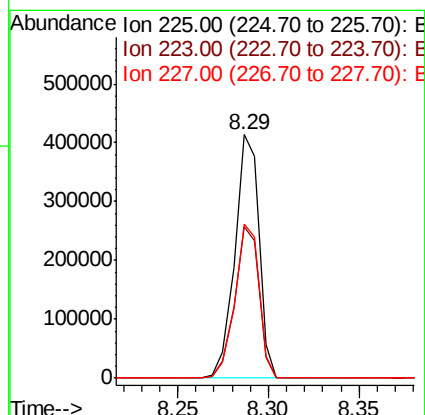
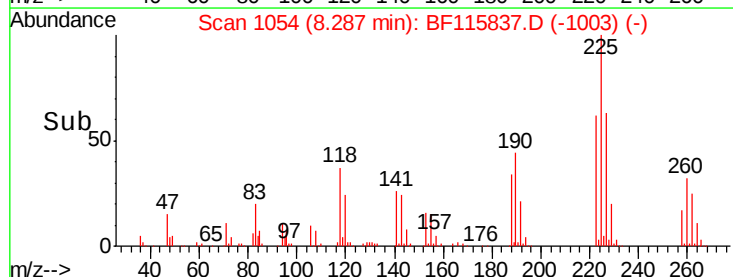
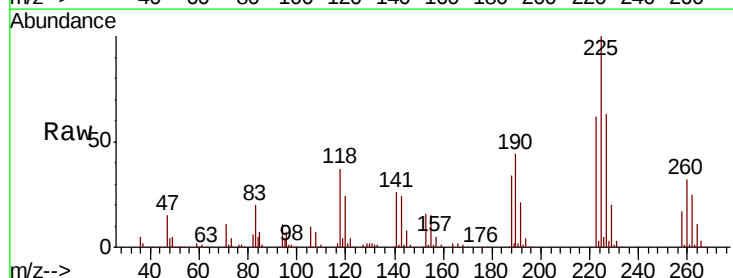
Instrument :
BNA_F
ClientSampled :

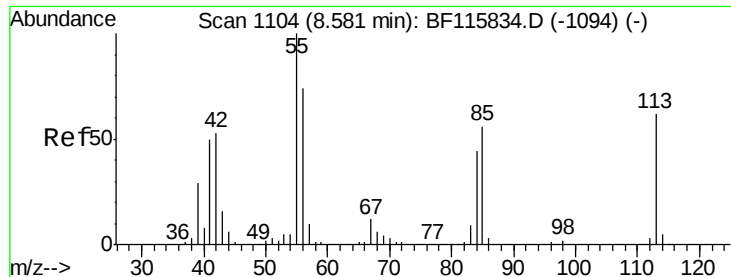
Tot Ion:	127	Resp:	927525
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.8	38.6
65	29.7	25.4	38.0
92	19.0	15.6	23.4



#34
Hexachlorobutadiene
Concen: 73.436 ng
RT: 8.29 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BF115837.D
Acq: 29 Jul 2019 12:50

Tgt Ion:	225	Resp:	385351
Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.2	75.4
227	63.1	50.2	75.4

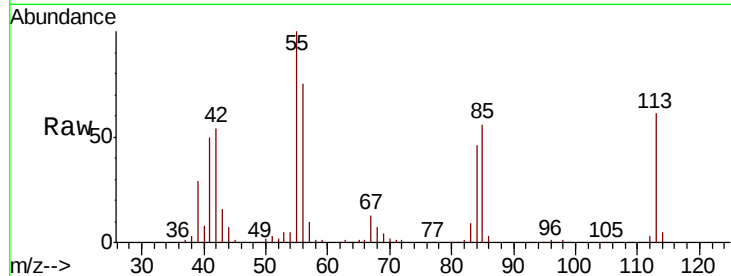




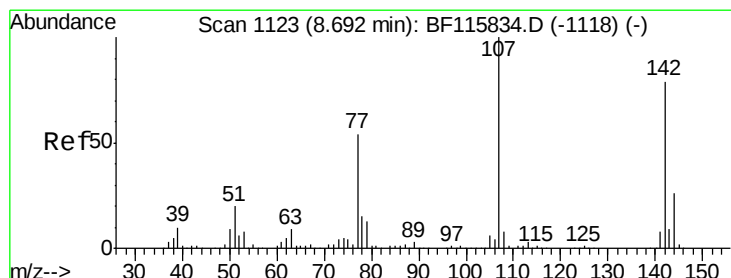
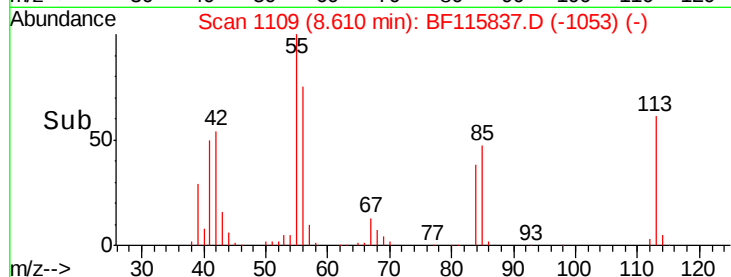
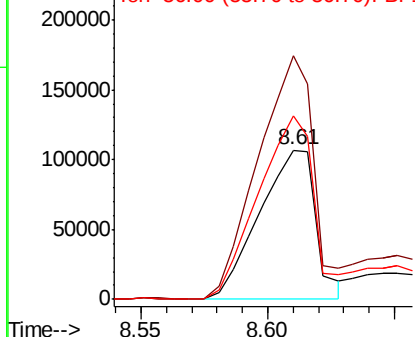
#35
Caprolactam
Concen: 66.415 ng
RT: 8.61 min Scan# 1109
Delta R.T. 0.03 min
Lab File: BF115837.D
Acq: 29 Jul 2019 12:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 166137
Ion Ratio Lower Upper
113 100
55 163.2 141.2 181.2
56 123.0 100.0 140.0

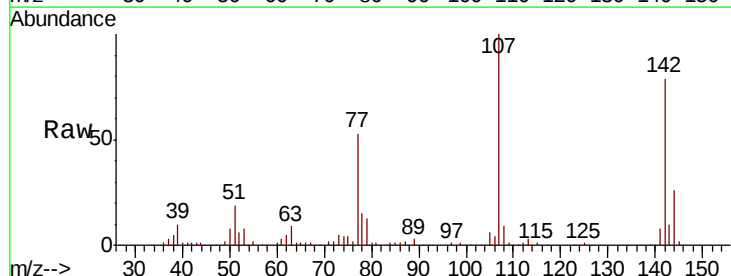


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

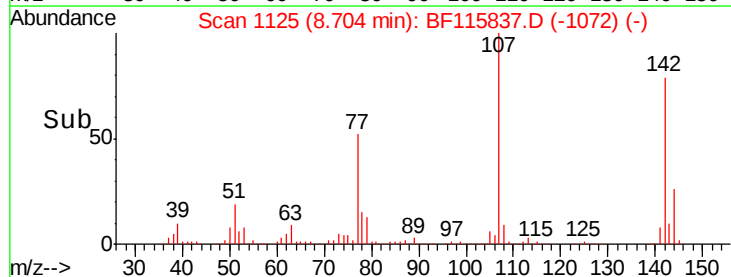
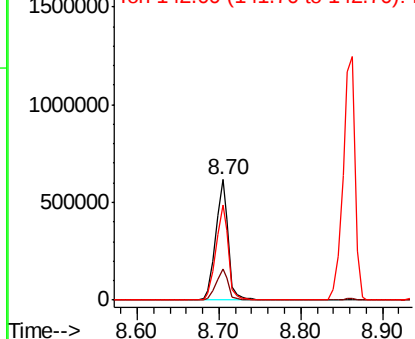


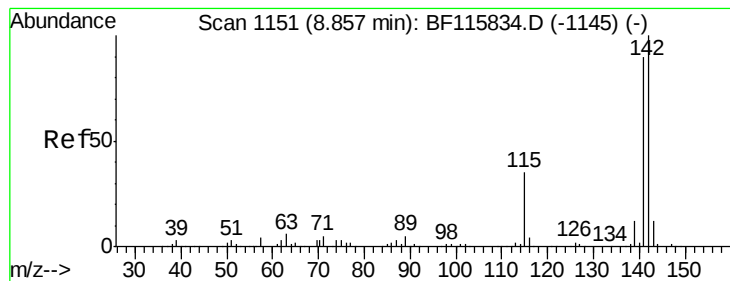
#36
4-Chloro-3-methylphenol
Concen: 78.195 ng
RT: 8.70 min Scan# 1125
Delta R.T. 0.01 min
Lab File: BF115837.D
Acq: 29 Jul 2019 12:50

Tgt Ion:107 Resp: 656613
Ion Ratio Lower Upper
107 100
144 25.7 20.4 30.6
142 79.1 63.4 95.0



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: 72.880 ng

RT: 8.86 min Scan# 1152

Delta R.T. 0.01 min

Lab File: BF115837.D

Acq: 29 Jul 2019 12:50

Instrument :

BNA_F

ClientSampleId :

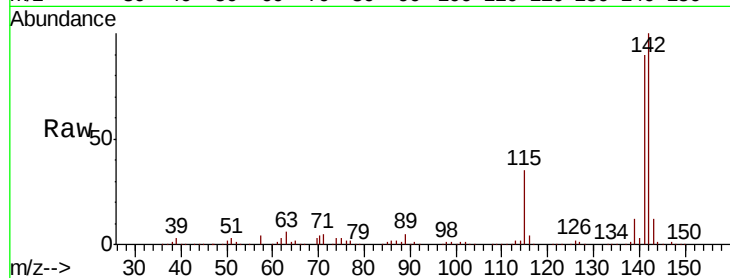
Tot Ion:142 Resp: 1274804

Ion Ratio Lower Upper

142 100

141 89.8 71.9 107.9

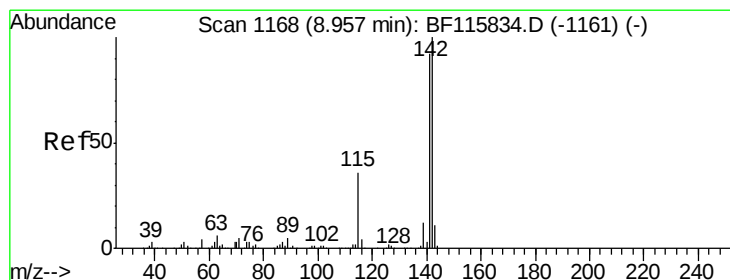
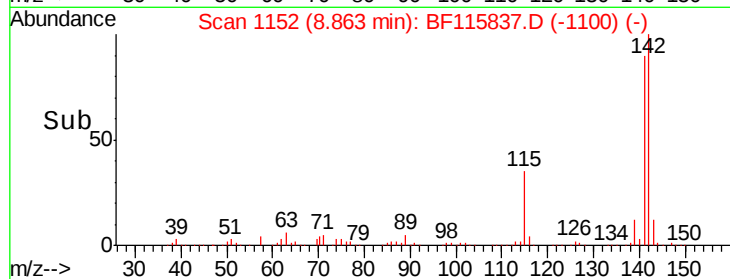
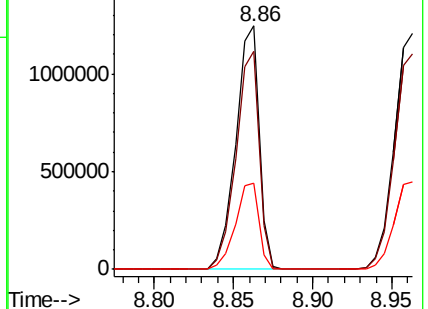
115 35.4 27.9 41.9



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: 73.092 ng

RT: 8.96 min Scan# 1169

Delta R.T. 0.01 min

Lab File: BF115837.D

Acq: 29 Jul 2019 12:50

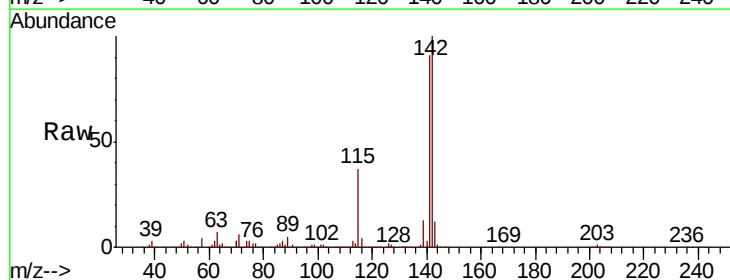
Tgt Ion:142 Resp: 1214378

Ion Ratio Lower Upper

142 100

141 91.1 73.8 110.8

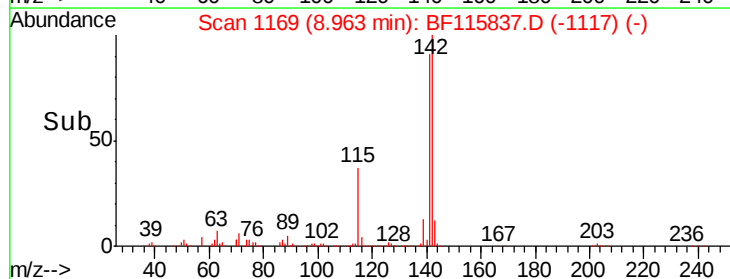
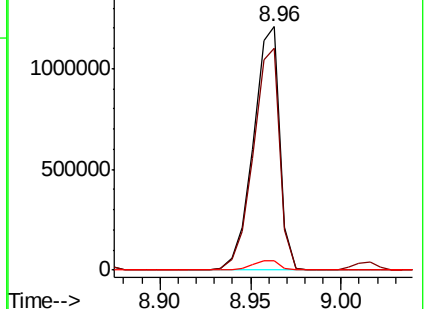
116 3.8 3.0 4.4

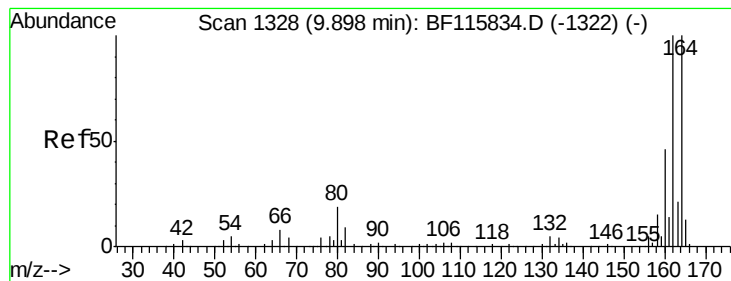


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.90 min Scan# 1328

Delta R.T. 0.00 min

Lab File: BF115837.D

Acq: 29 Jul 2019 12:50

Instrument :

BNA_F

ClientSampleId :

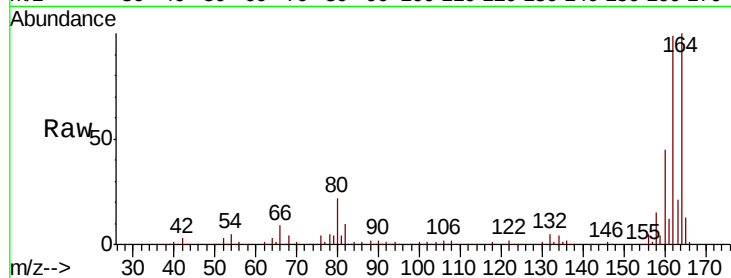
Tot Ion:164 Resp: 266197

Ion Ratio Lower Upper

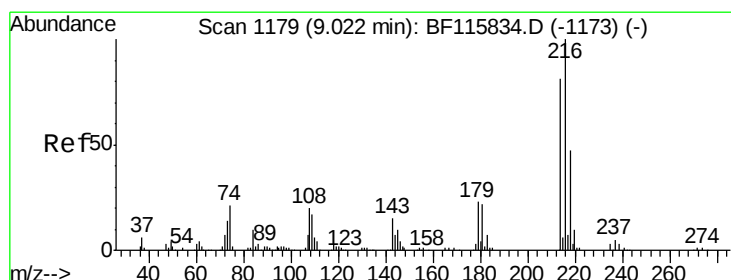
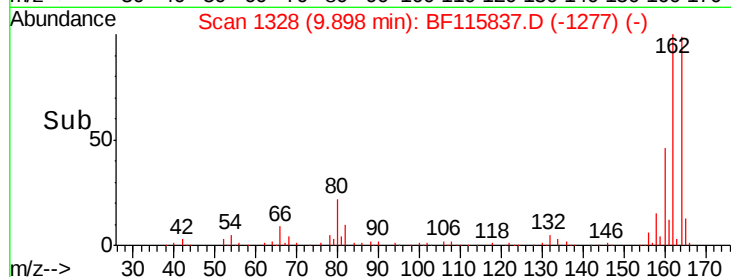
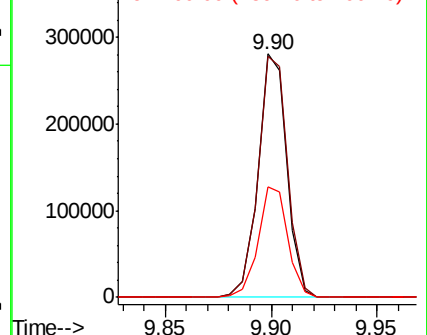
164 100

162 99.2 80.3 120.5

160 45.4 36.9 55.3



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: 74.241 ng

RT: 9.03 min Scan# 1180

Delta R.T. 0.01 min

Lab File: BF115837.D

Acq: 29 Jul 2019 12:50

Tgt Ion:216 Resp: 595124

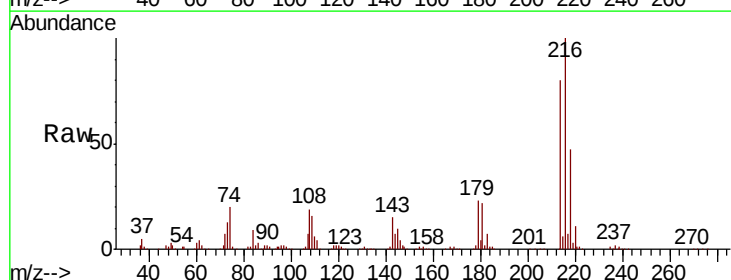
Ion Ratio Lower Upper

216 100

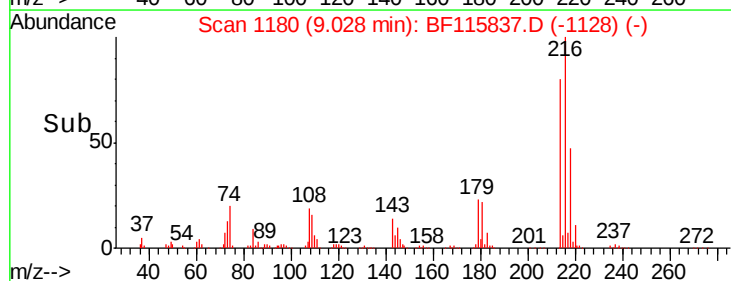
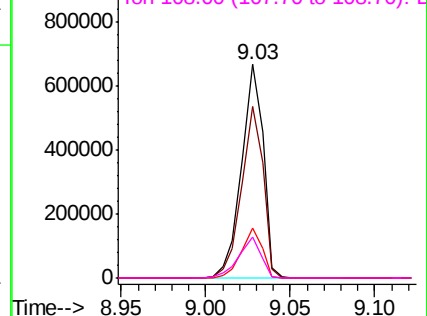
214 79.9 64.0 96.0

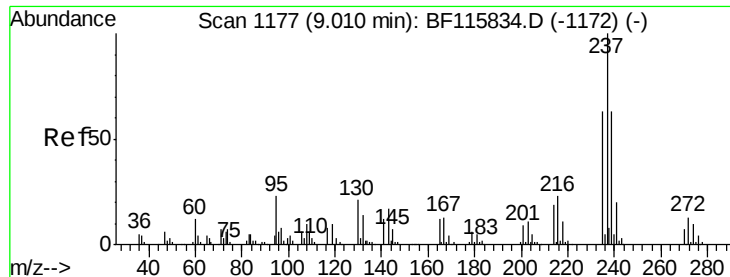
179 22.4 17.8 26.8

108 20.1 16.2 24.4



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: 60.575 ng

RT: 9.02 min Scan# 1178

Delta R.T. 0.01 min

Lab File: BF115837.D

Acq: 29 Jul 2019 12:50

Instrument :

BNA_F

ClientSampleId :

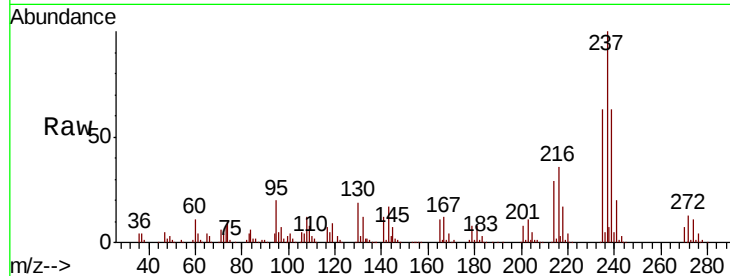
Tot Ion:237 Resp: 276992

Ion Ratio Lower Upper

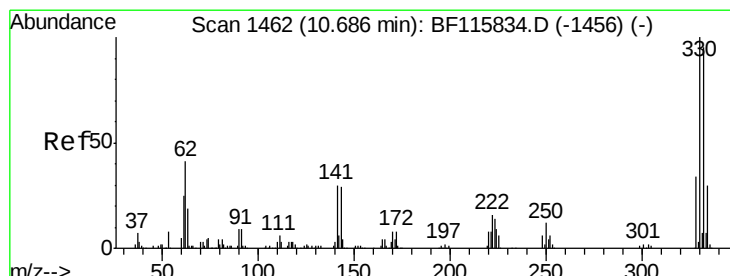
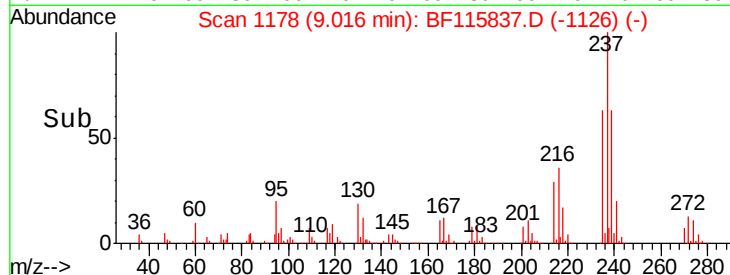
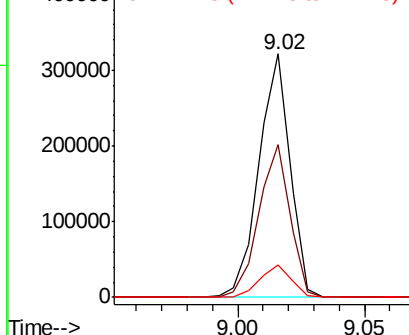
237 100

235 62.9 42.7 82.7

272 13.2 0.0 32.8



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: 140.051 ng

RT: 10.69 min Scan# 1463

Delta R.T. 0.01 min

Lab File: BF115837.D

Acq: 29 Jul 2019 12:50

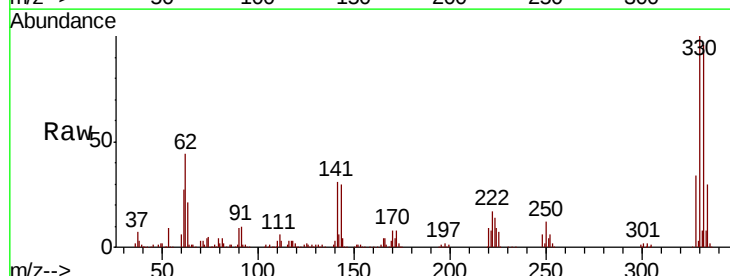
Tgt Ion:330 Resp: 435162

Ion Ratio Lower Upper

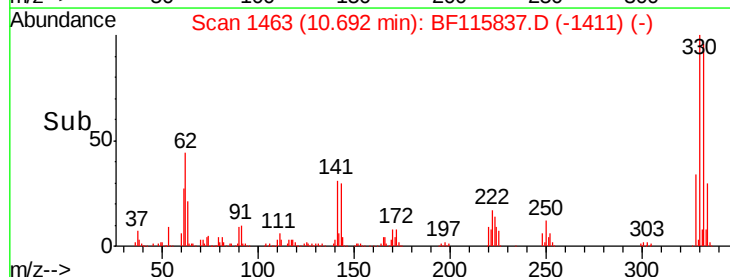
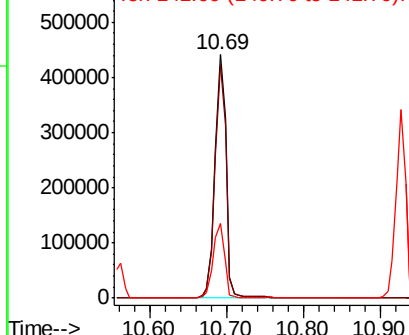
330 100

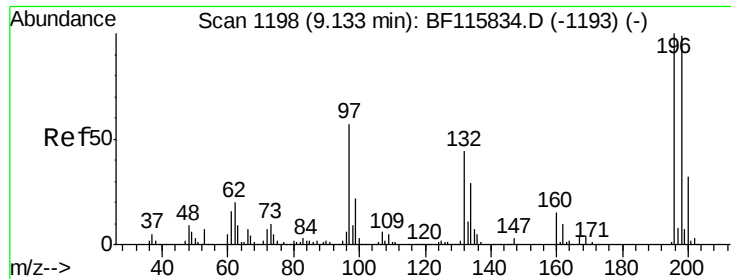
332 95.7 76.7 115.1

141 31.7 27.2 40.8



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

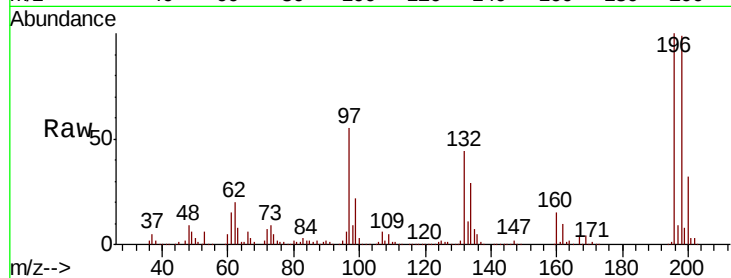




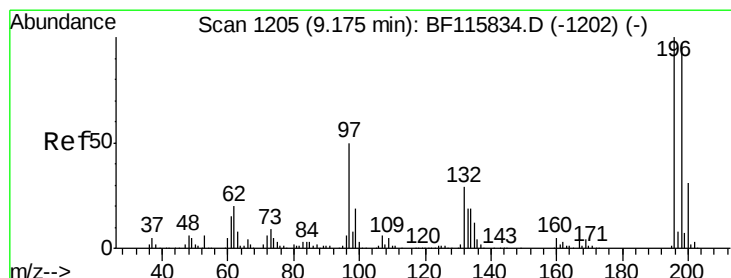
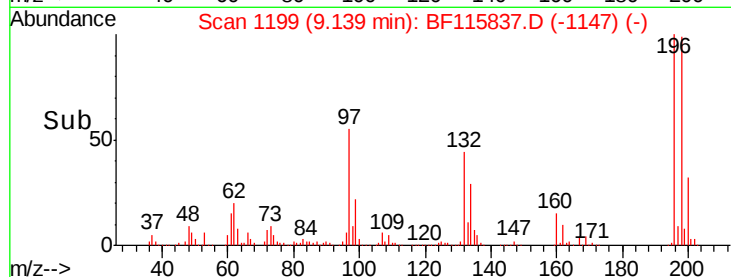
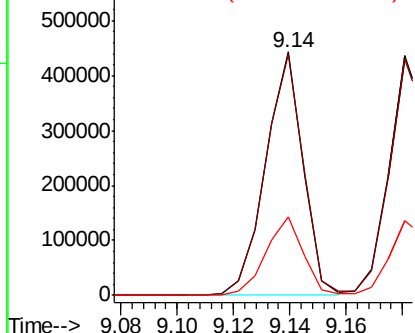
#43
 2,4,6-Trichlorophenol
 Concen: 69.593 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF115837.D
 Acq: 29 Jul 2019 12:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.9	79.3	118.9
200	32.1	25.3	37.9



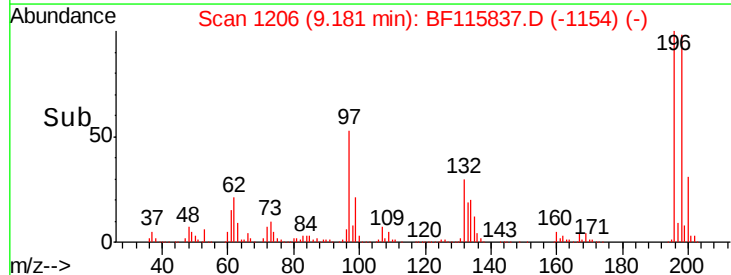
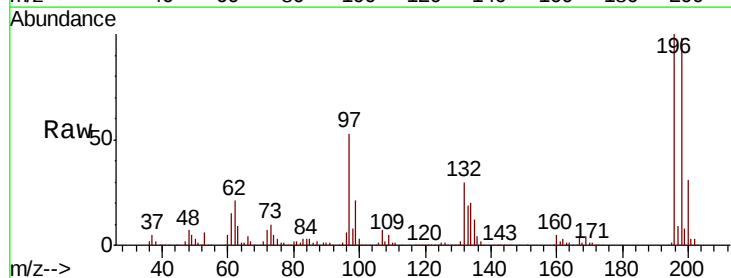
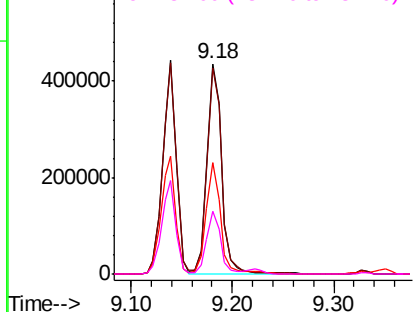
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

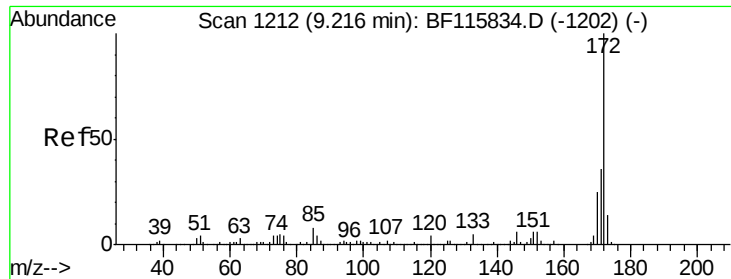


#44
 2,4,5-Trichlorophenol
 Concen: 72.559 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF115837.D
 Acq: 29 Jul 2019 12:50

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.4	77.9	116.9
97	53.3	40.2	60.4
132	29.6	23.0	34.6

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

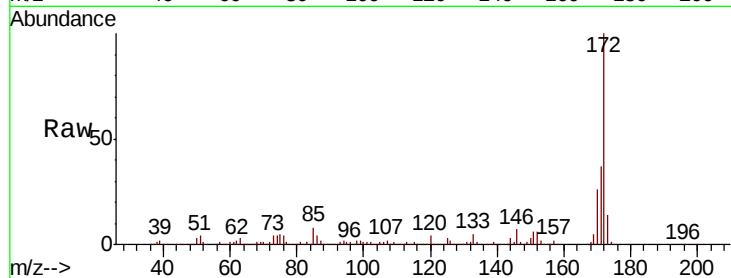




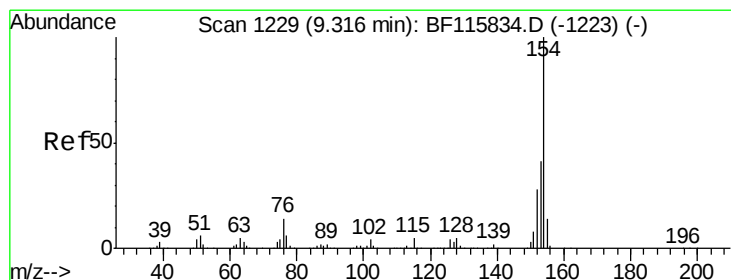
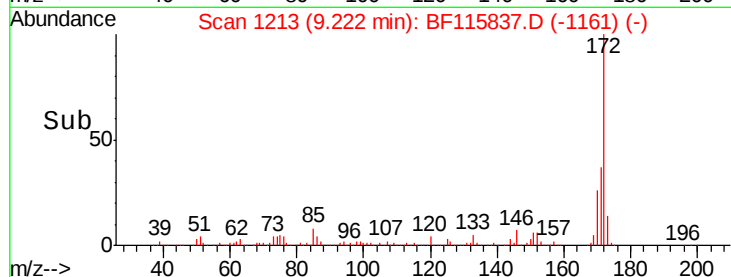
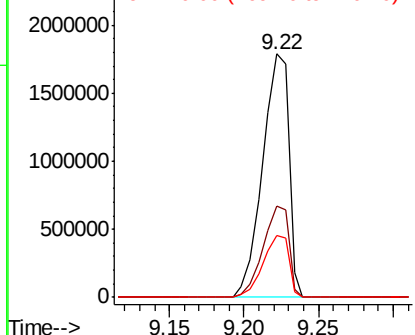
#45
2-Fluorobiphenyl
Concen: 142.269 ng
RT: 9.22 min Scan# 1213
Delta R.T. 0.01 min
Lab File: BF115837.D
Acq: 29 Jul 2019 12:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2163736
Ion Ratio Lower Upper
172 100
171 37.3 29.1 43.7
170 25.6 20.1 30.1

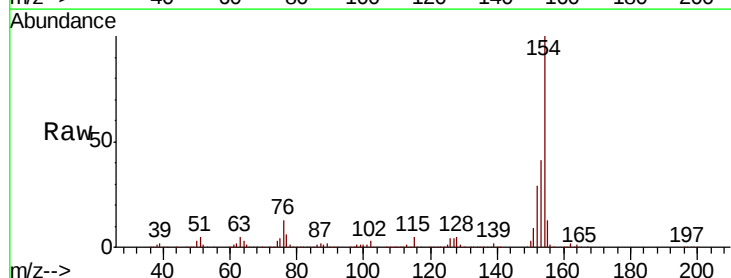


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

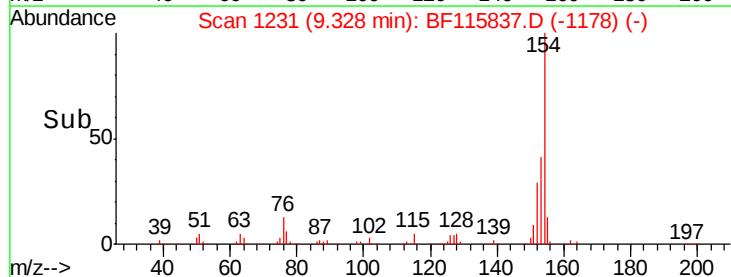
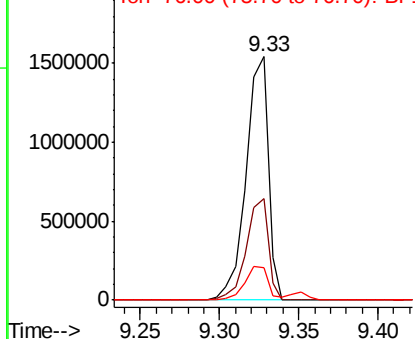


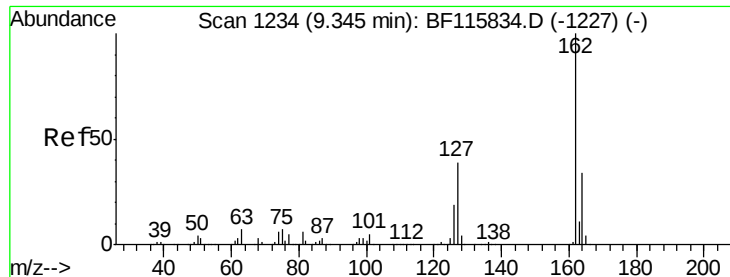
#46
1,1'-Biphenyl
Concen: 72.136 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.01 min
Lab File: BF115837.D
Acq: 29 Jul 2019 12:50

Tgt Ion:154 Resp: 1501214
Ion Ratio Lower Upper
154 100
153 41.5 20.9 60.9
76 13.3 0.0 33.9



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

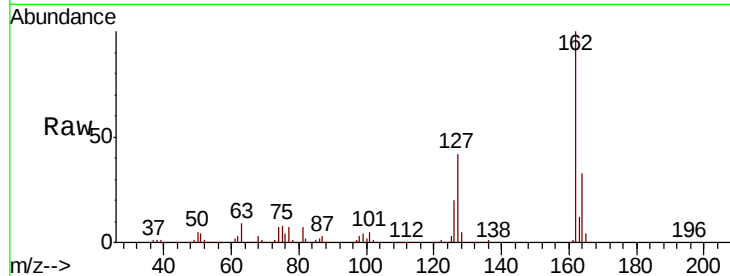




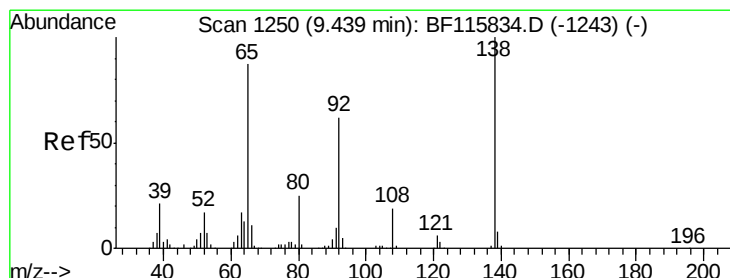
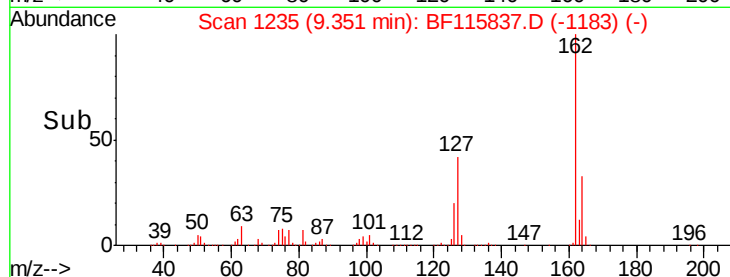
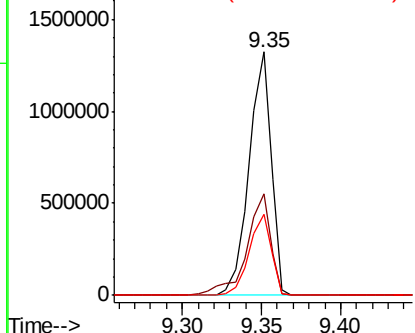
#47
 2-Chloronaphthalene
 Concen: 73.838 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. 0.01 min
 Lab File: BF115837.D
 Acq: 29 Jul 2019 12:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1279485
 Ion Ratio Lower Upper
 162 100
 127 41.9 31.7 47.5
 164 33.4 27.0 40.4

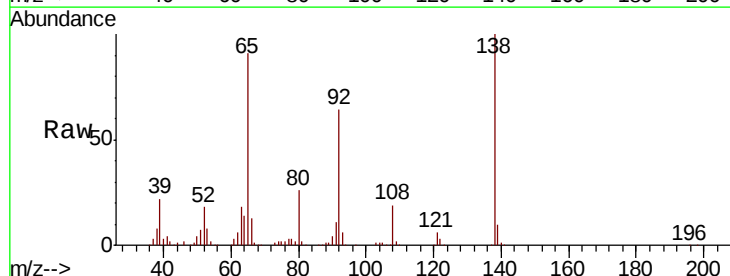


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

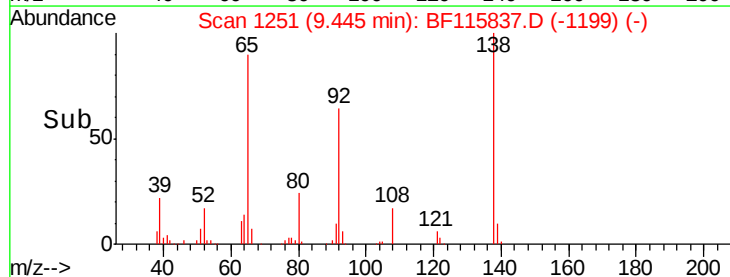
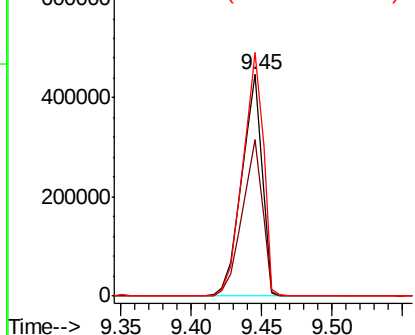


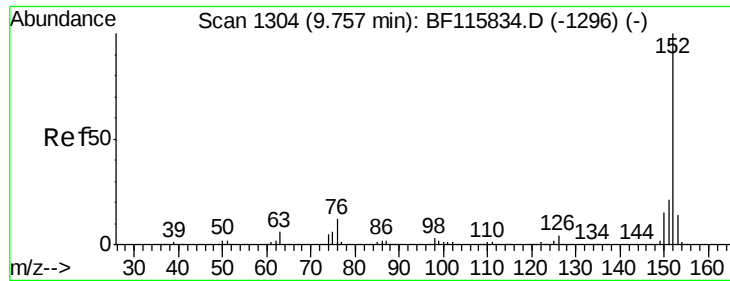
#48
 2-Nitroaniline
 Concen: 84.002 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. 0.01 min
 Lab File: BF115837.D
 Acq: 29 Jul 2019 12:50

Tgt Ion: 65 Resp: 450532
 Ion Ratio Lower Upper
 65 100
 92 70.7 57.0 85.6
 138 109.9 92.3 138.5



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: 73.051 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BF115837.D

Acq: 29 Jul 2019 12:50

Instrument :

BNA_F

ClientSampleId :

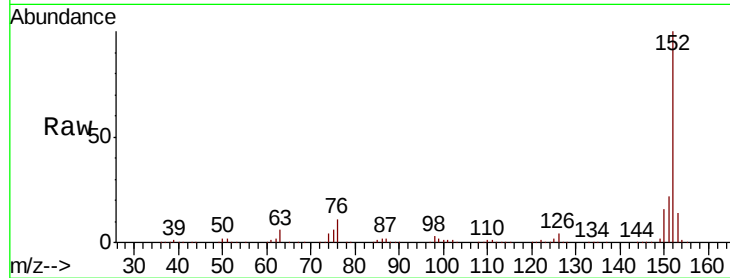
Tot Ion:152 Resp: 1875686

Ion Ratio Lower Upper

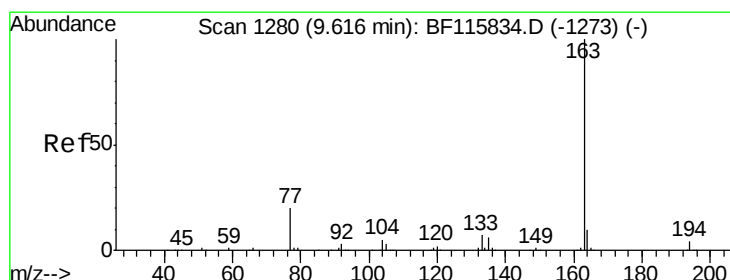
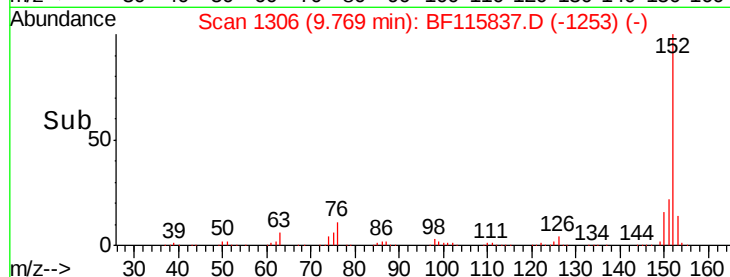
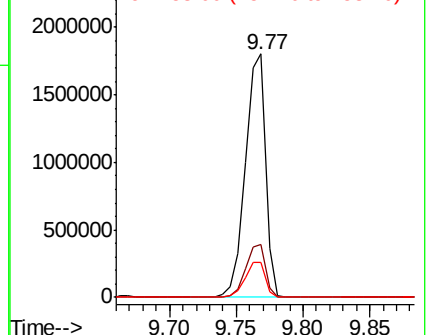
152 100

151 21.9 16.6 24.8

153 14.4 11.5 17.3



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: 76.236 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.01 min

Lab File: BF115837.D

Acq: 29 Jul 2019 12:50

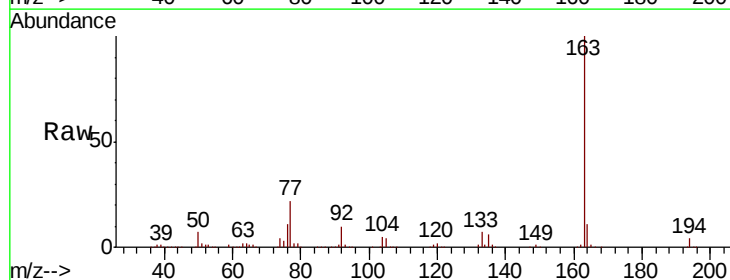
Tgt Ion:163 Resp: 1526846

Ion Ratio Lower Upper

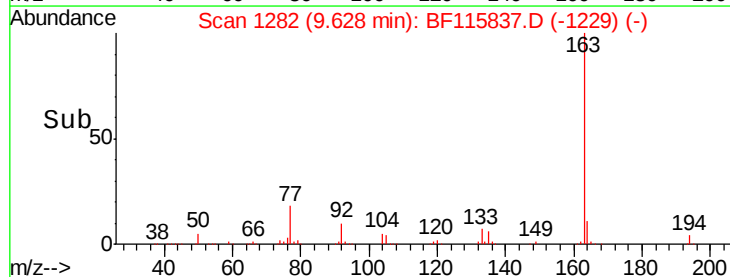
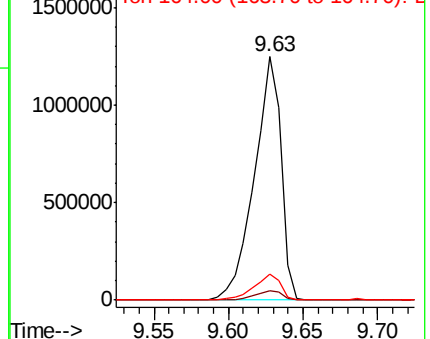
163 100

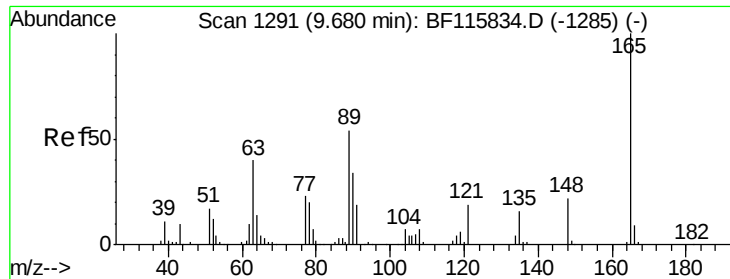
194 3.9 3.0 4.6

164 10.7 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 77.379 ng

RT: 9.69 min Scan# 1292

Delta R.T. 0.01 min

Lab File: BF115837.D

Acq: 29 Jul 2019 12:50

Instrument :

BNA_F

ClientSampled :

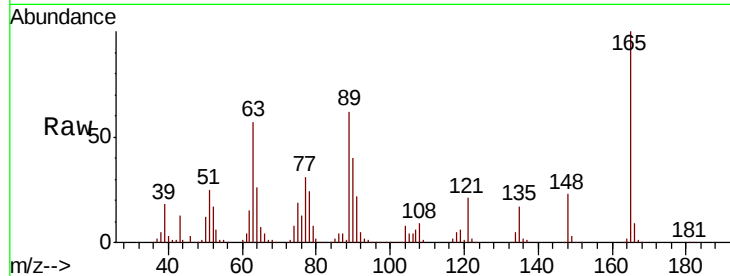
Tot Ion:165 Resp: 352187

Ion Ratio Lower Upper

165 100

63 57.5 37.8 56.8#

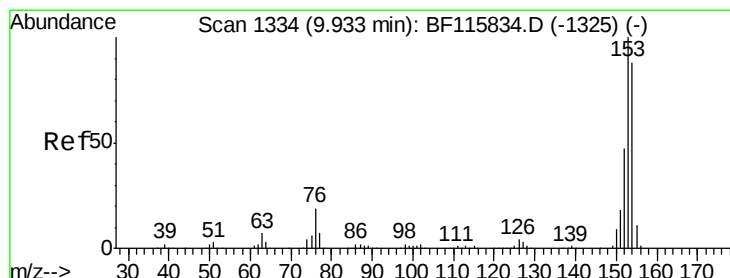
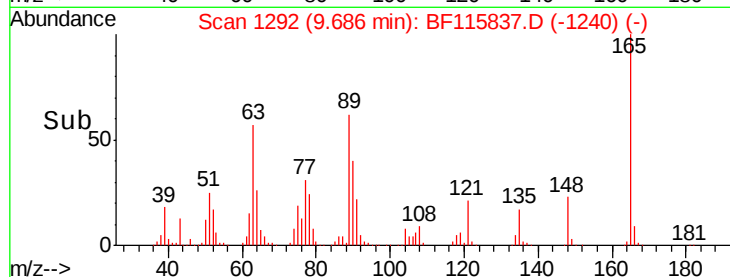
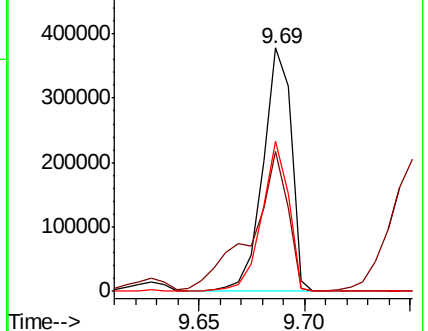
89 61.5 43.0 64.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 68.647 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF115837.D

Acq: 29 Jul 2019 12:50

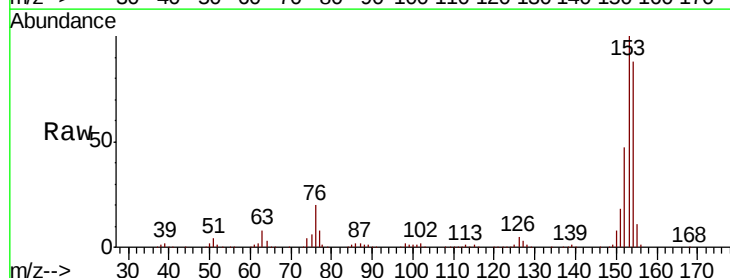
Tgt Ion:154 Resp: 1137962

Ion Ratio Lower Upper

154 100

153 113.4 91.0 136.6

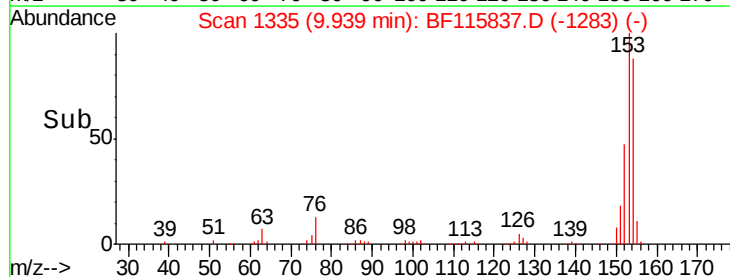
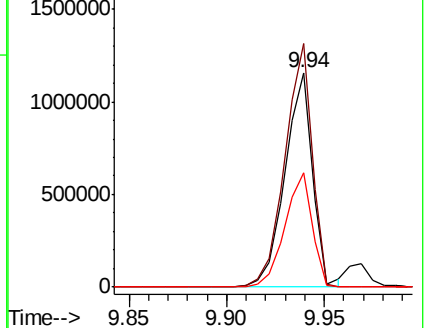
152 53.0 42.6 64.0

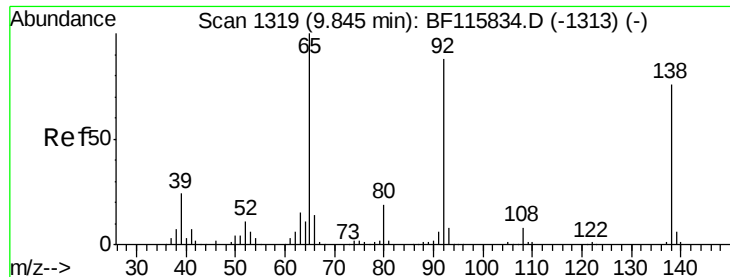


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

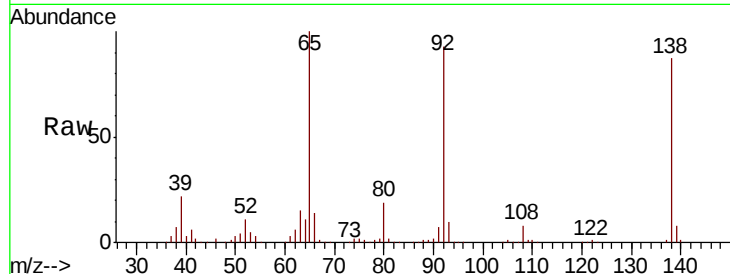




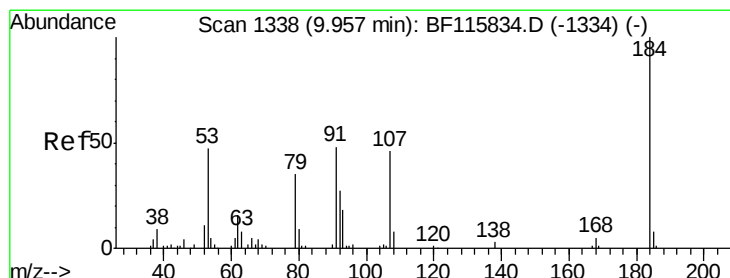
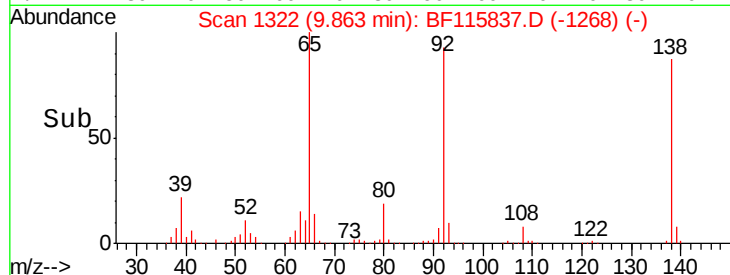
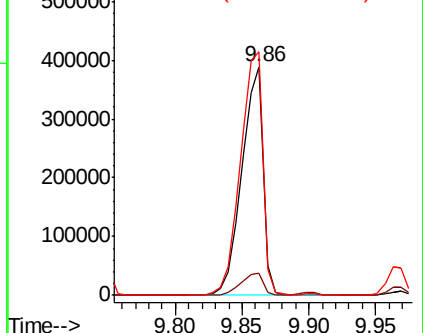
#53
3-Nitroaniline
Concen: 82.312 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.02 min
Lab File: BF115837.D
Acq: 29 Jul 2019 12:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 428124
Ion Ratio Lower Upper
138 100
108 9.6 8.0 12.0
92 106.4 92.3 138.5

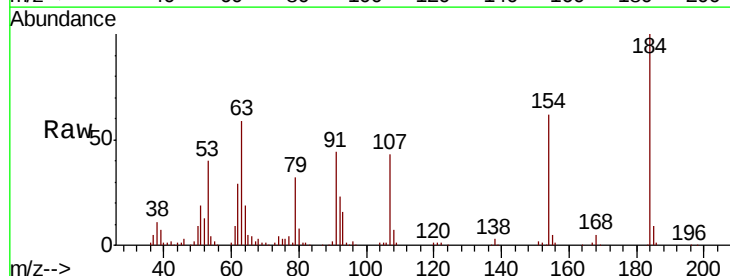


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

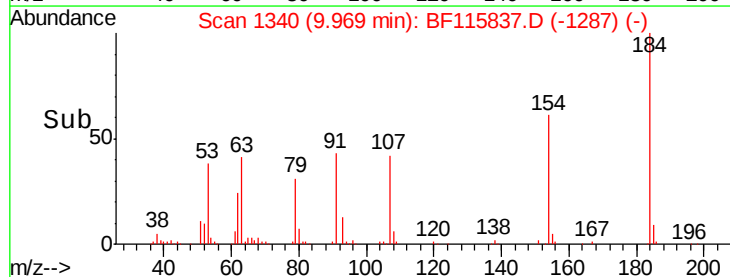
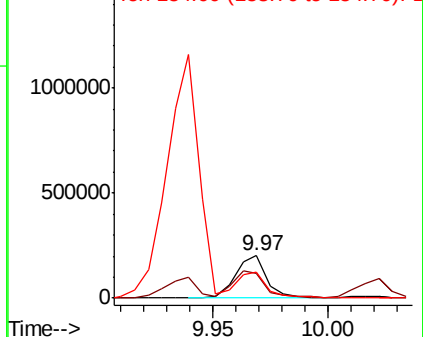


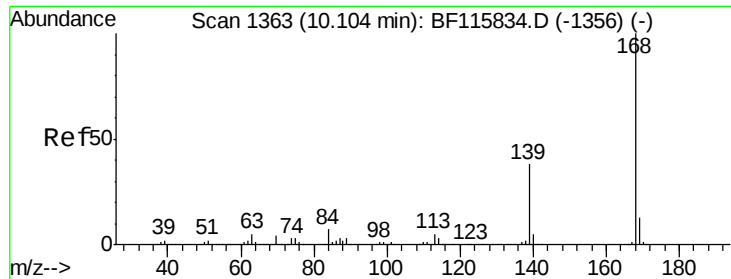
#54
2,4-Dinitrophenol
Concen: 82.173 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF115837.D
Acq: 29 Jul 2019 12:50

Tgt Ion:184 Resp: 192023
Ion Ratio Lower Upper
184 100
63 59.1 55.4 83.2
154 61.5 51.4 77.2



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

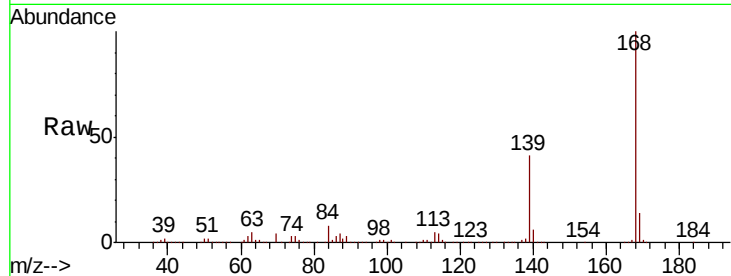




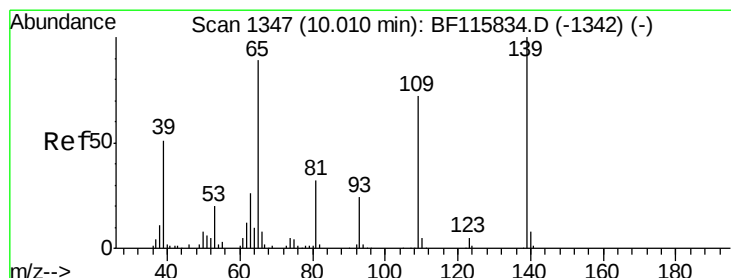
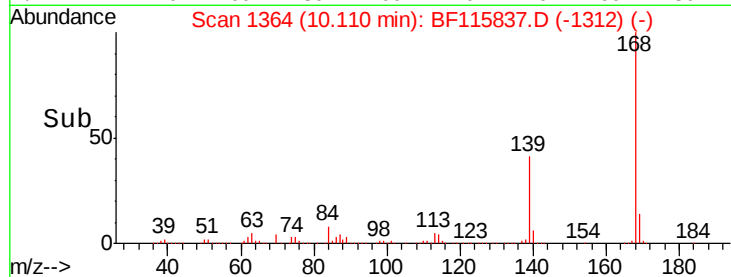
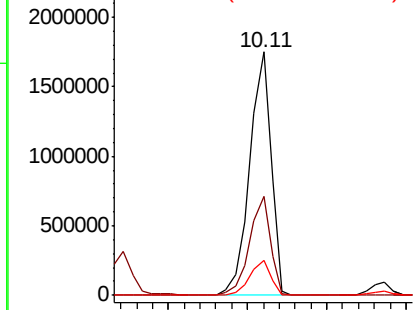
#55
Dibenzofuran
Concen: 69.529 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF115837.D
Acq: 29 Jul 2019 12:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1636810
Ion Ratio Lower Upper
168 100
139 40.7 31.0 46.4
169 14.4 10.8 16.2

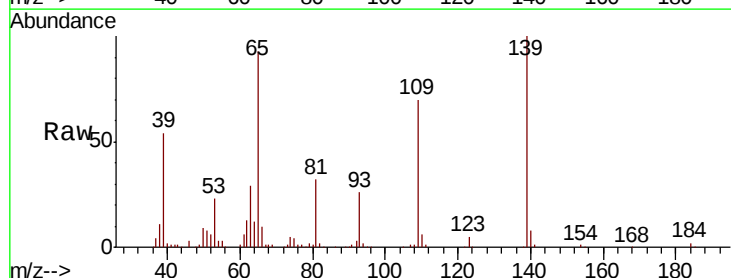


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

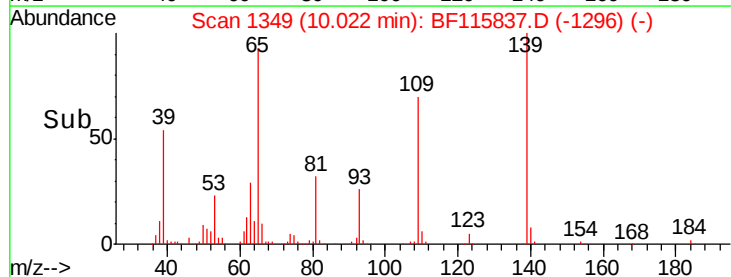
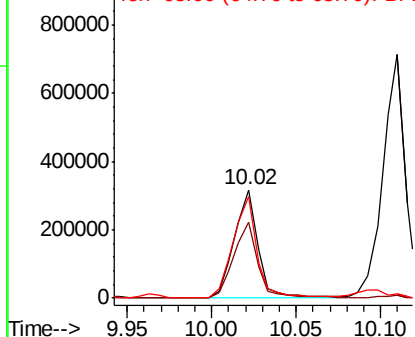


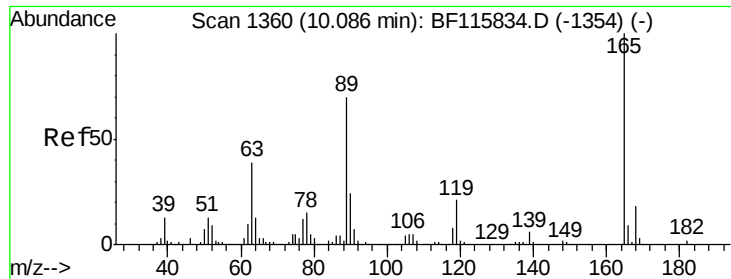
#56
4-Nitrophenol
Concen: 78.352 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF115837.D
Acq: 29 Jul 2019 12:50

Tgt Ion:139 Resp: 310759
Ion Ratio Lower Upper
139 100
109 70.1 51.5 91.5
65 93.2 69.7 109.7



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

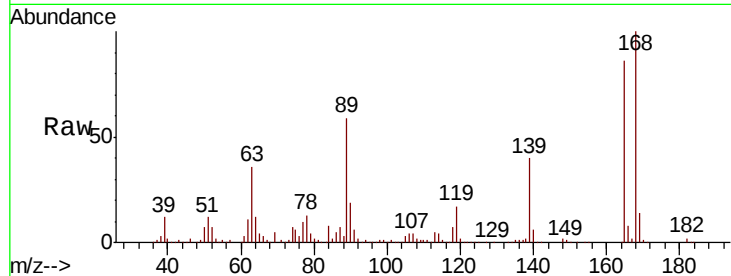




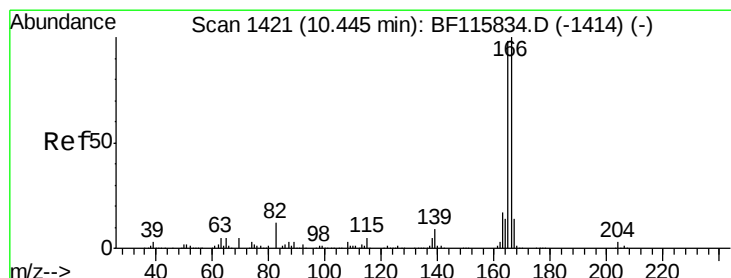
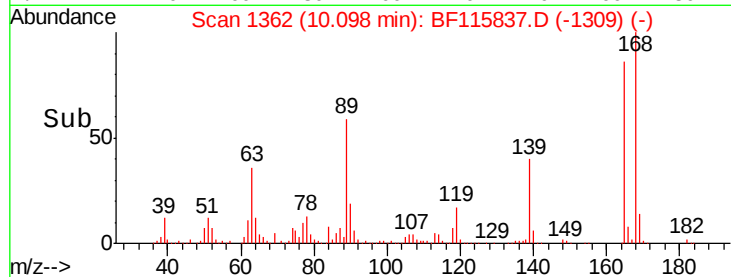
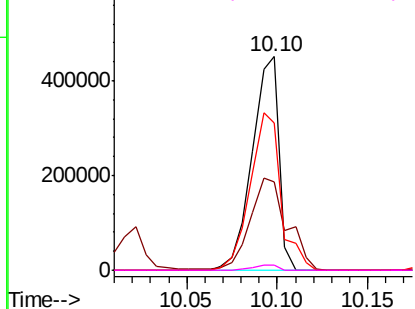
#57
2,4-Dinitrotoluene
Concen: 78.628 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.01 min
Lab File: BF115837.D
Acq: 29 Jul 2019 12:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 463644
Ion Ratio Lower Upper
165 100
63 41.7 31.8 47.6
89 69.0 56.2 84.4
182 2.6 2.0 3.0

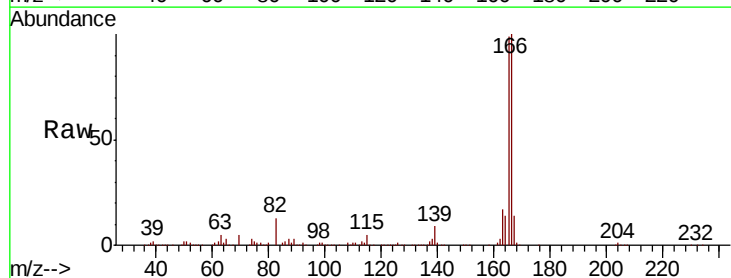


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

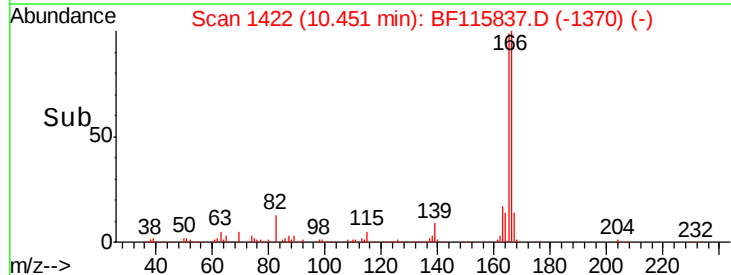
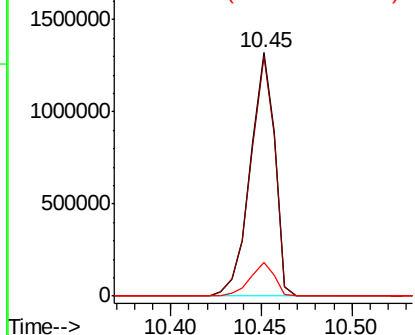


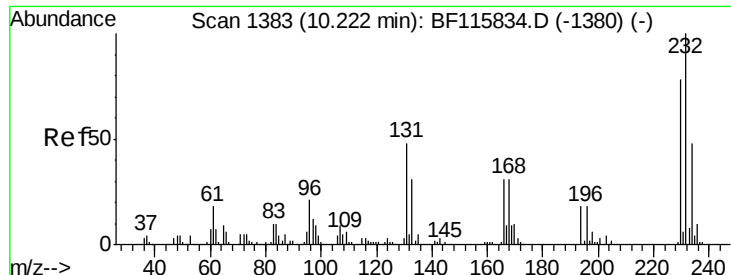
#58
Fluorene
Concen: 73.985 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.01 min
Lab File: BF115837.D
Acq: 29 Jul 2019 12:50

Tgt Ion:166 Resp: 1245121
Ion Ratio Lower Upper
166 100
165 98.5 78.6 118.0
167 13.9 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

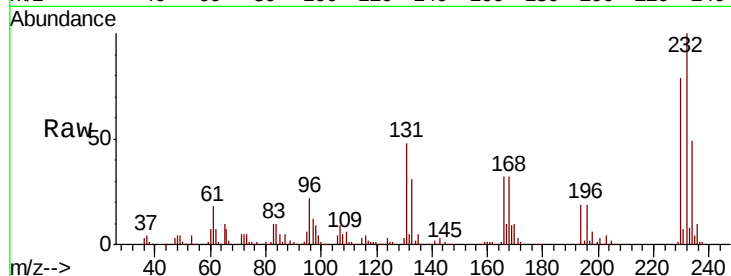




#59
2,3,4,6-Tetrachlorophenol
Concen: 70.748 ng
RT: 10.23 min Scan# 1384
Delta R.T. 0.01 min
Lab File: BF115837.D
Acq: 29 Jul 2019 12:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.7	36.9	55.3
130	2.4	1.8	2.8
166	29.9	23.8	35.6



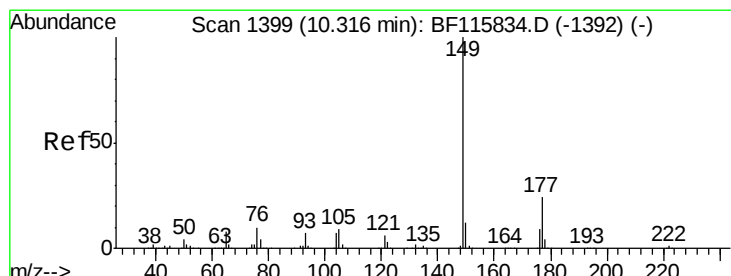
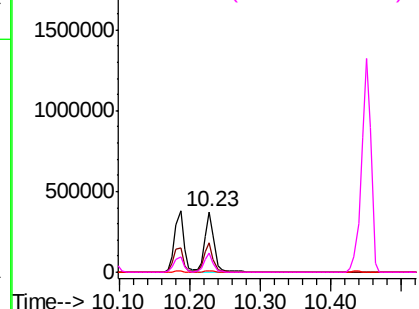
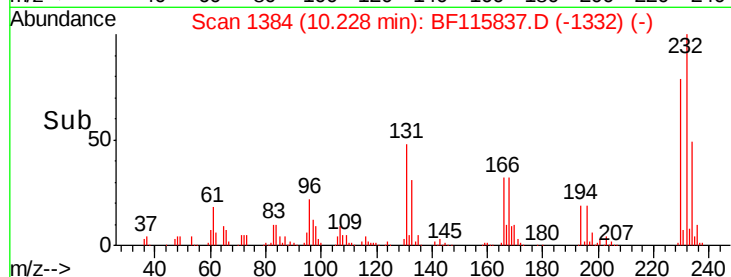
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

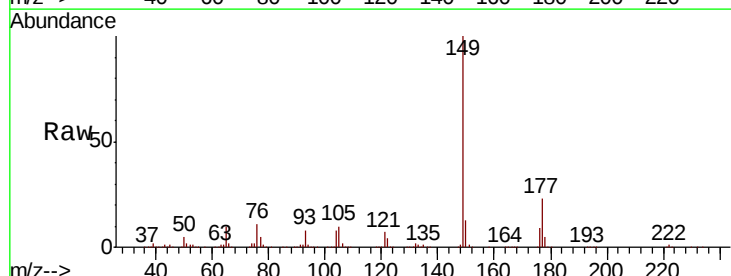
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 72.378 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.01 min
Lab File: BF115837.D
Acq: 29 Jul 2019 12:50

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.3	18.9	28.3
150	12.9	9.8	14.8

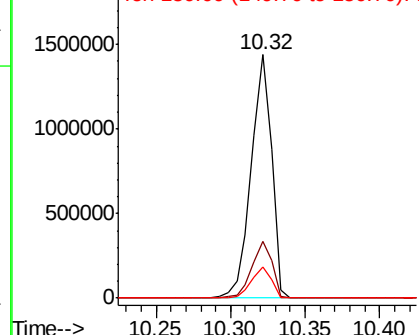
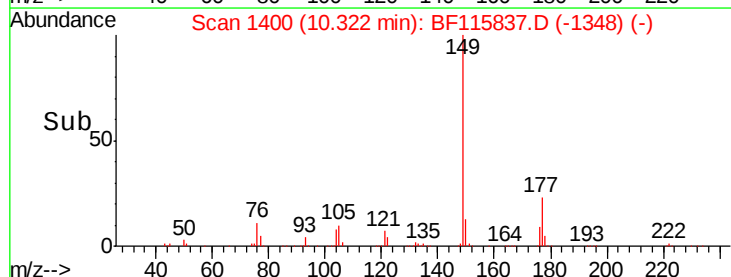


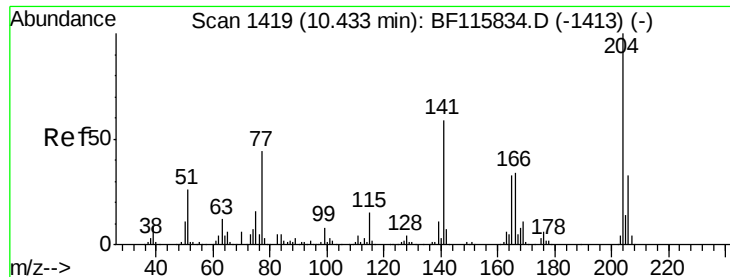
Abundance

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

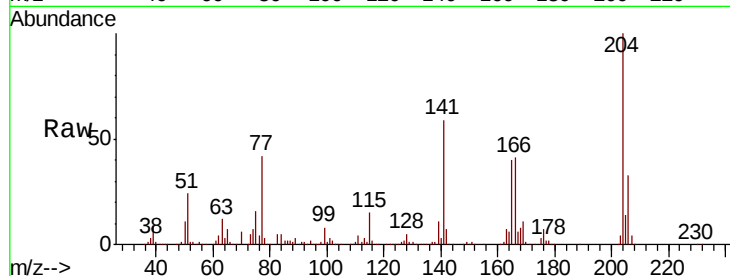




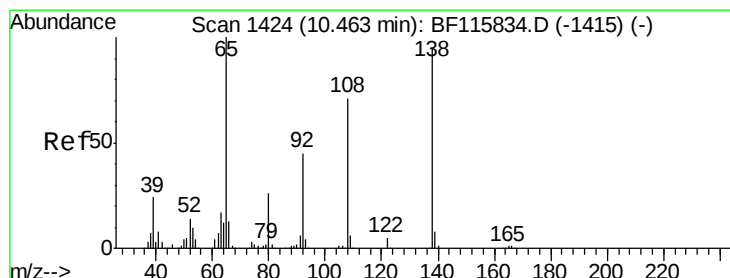
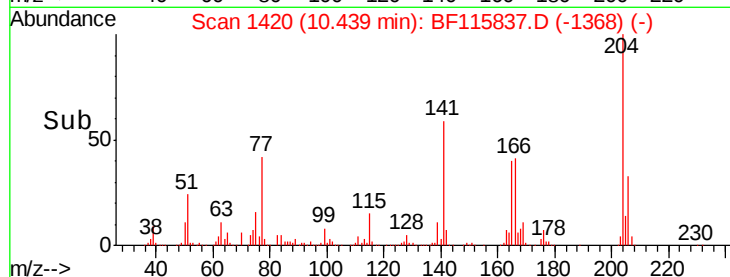
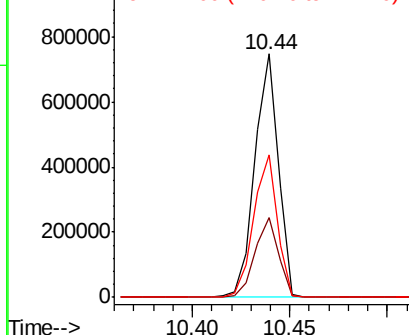
#61
4-Chlorophenyl-phenylether
Concen: 66.902 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.01 min
Lab File: BF115837.D
Acq: 29 Jul 2019 12:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 624385
Ion Ratio Lower Upper
204 100
206 32.9 26.3 39.5
141 58.7 46.8 70.2

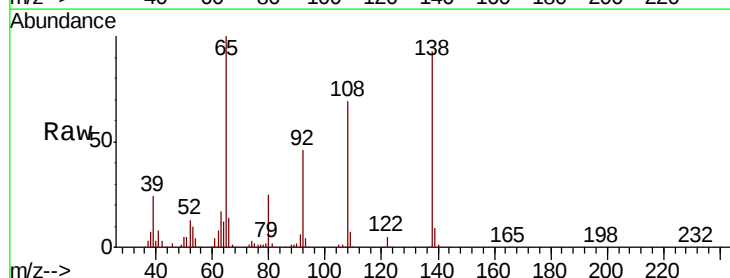


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

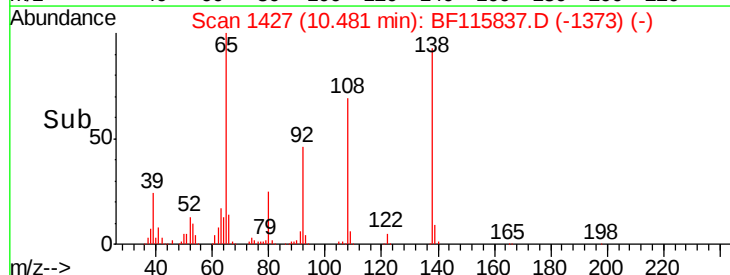
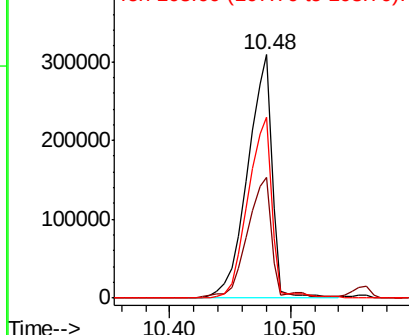


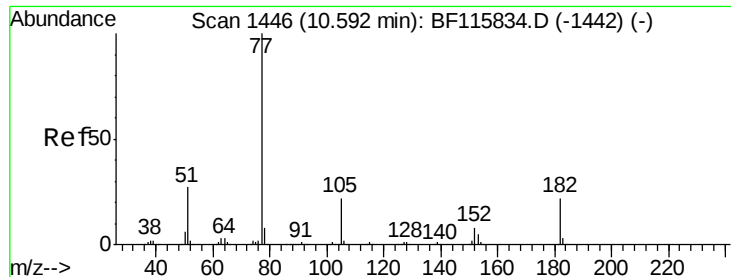
#62
4-Nitroaniline
Concen: 87.656 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.02 min
Lab File: BF115837.D
Acq: 29 Jul 2019 12:50

Tgt Ion:138 Resp: 437324
Ion Ratio Lower Upper
138 100
92 49.7 28.1 68.1
108 74.4 55.5 95.5



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

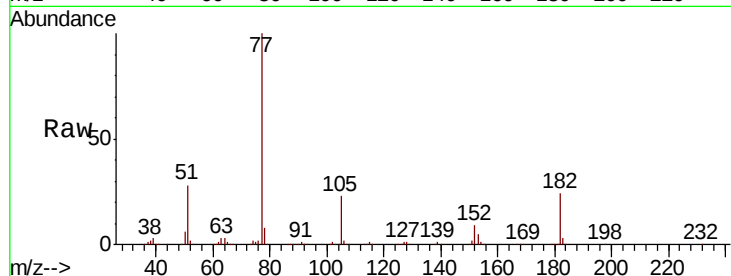




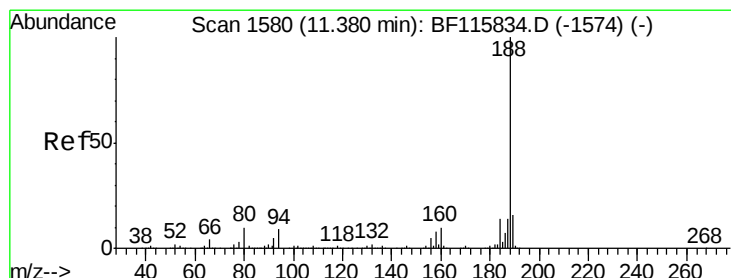
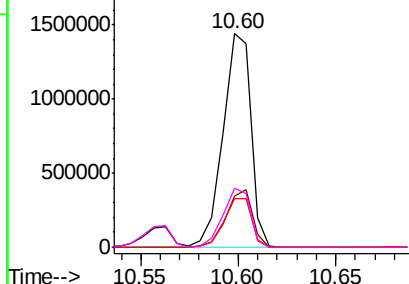
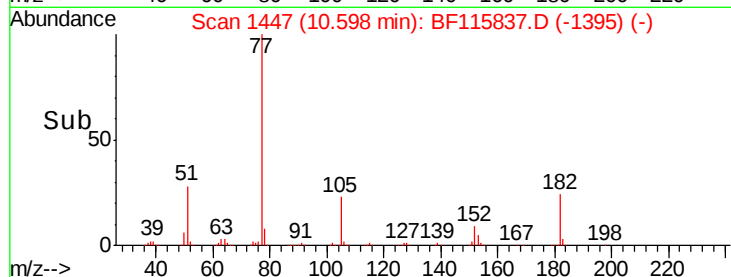
#63
Azobenzene
Concen: 77.991 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.01 min
Lab File: BF115837.D
Acq: 29 Jul 2019 12:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1419565
Ion Ratio Lower Upper
77 100
182 24.1 2.2 42.2
105 22.8 1.8 41.8
51 27.6 7.2 47.2

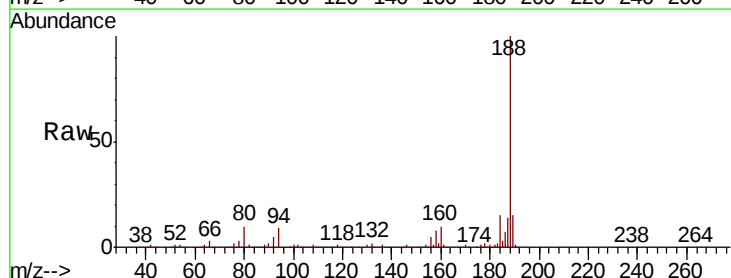


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

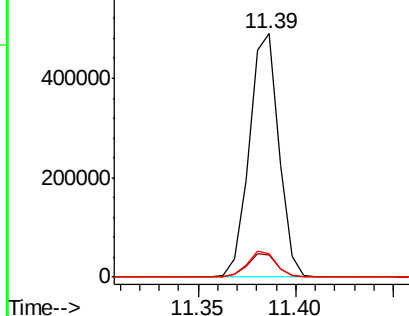
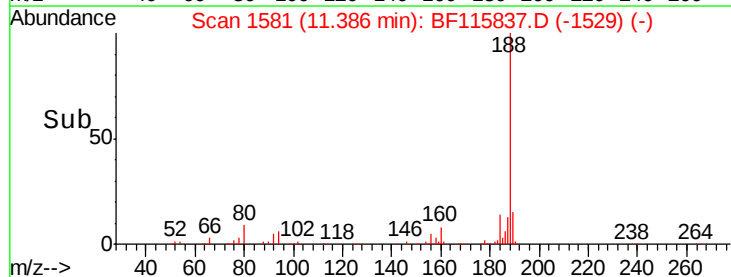


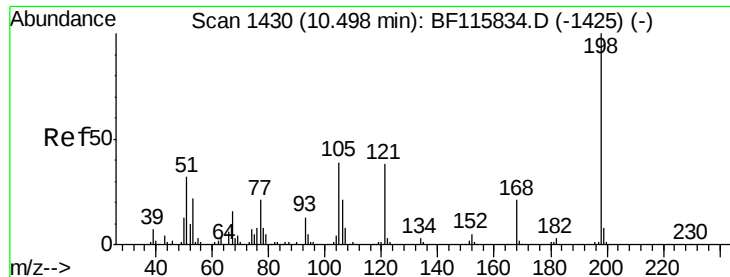
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.01 min
Lab File: BF115837.D
Acq: 29 Jul 2019 12:50

Tgt Ion: 188 Resp: 513749
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.2
80 9.5 8.1 12.1



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: 79.531 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.01 min

Lab File: BF115837.D

Acq: 29 Jul 2019 12:50

Instrument :

BNA_F

ClientSampleId :

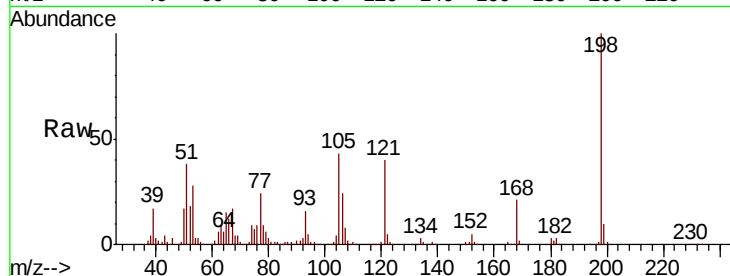
Tot Ion:198 Resp: 249635

Ion Ratio Lower Upper

198 100

51 37.8 14.3 54.3

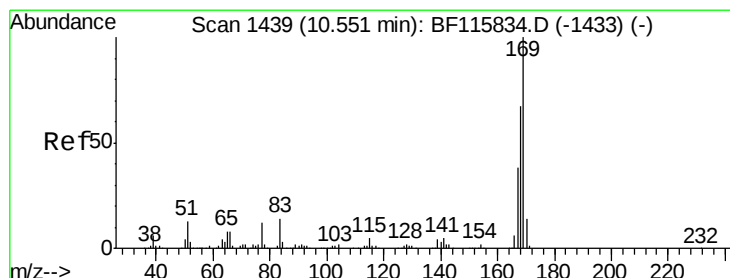
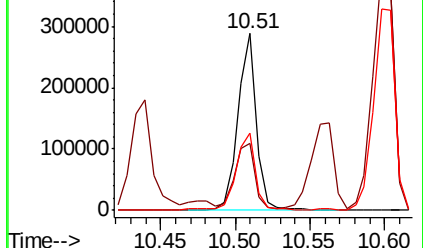
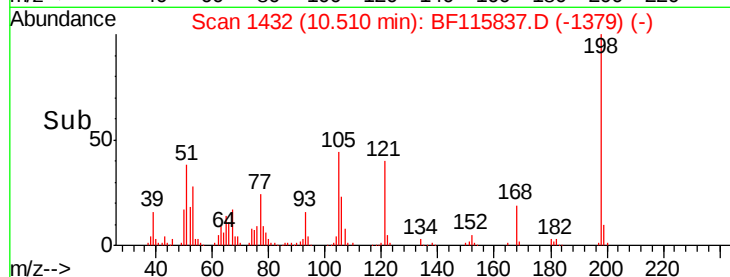
105 43.3 19.5 59.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 72.186 ng

RT: 10.56 min Scan# 1441

Delta R.T. 0.01 min

Lab File: BF115837.D

Acq: 29 Jul 2019 12:50

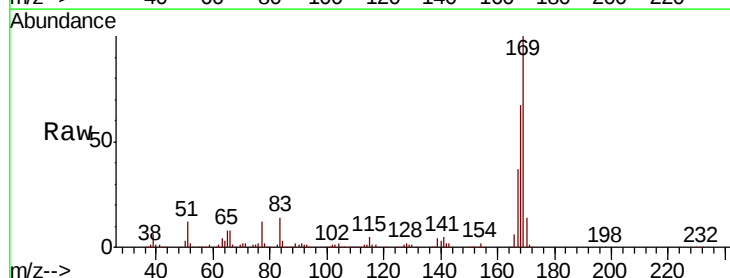
Tgt Ion:169 Resp: 1153597

Ion Ratio Lower Upper

169 100

168 66.6 53.4 80.2

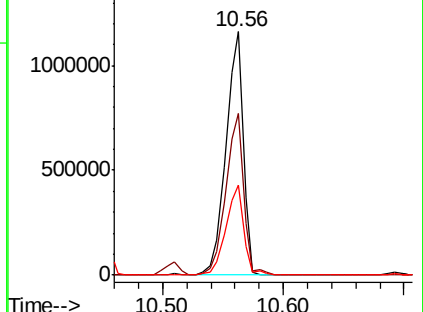
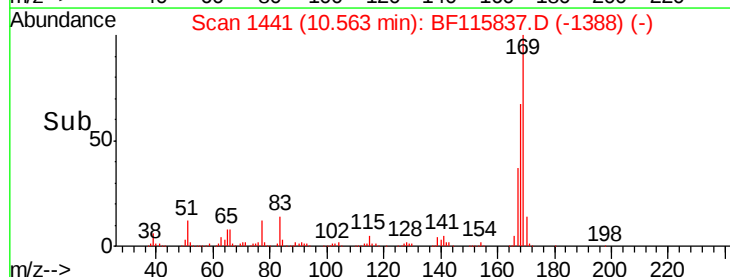
167 36.8 30.2 45.2

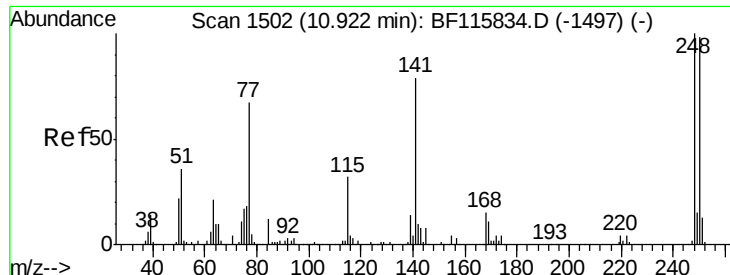


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

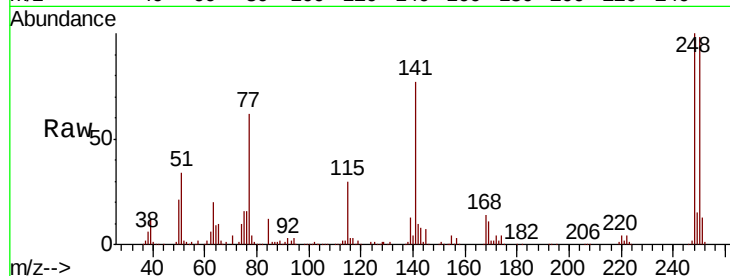




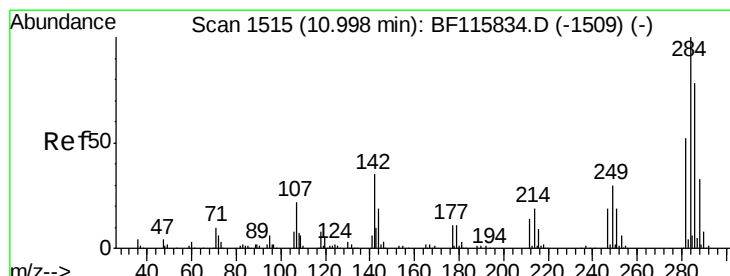
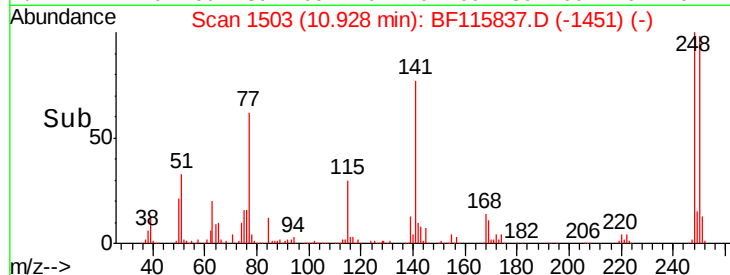
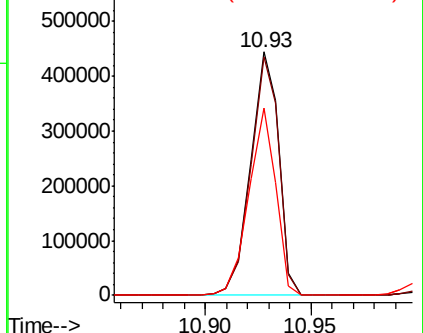
#67
4-Bromophenyl-phenylether
Concen: 70.314 ng
RT: 10.93 min Scan# 1503
Delta R.T. 0.01 min
Lab File: BF115837.D
Acq: 29 Jul 2019 12:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 412807
Ion Ratio Lower Upper
248 100
250 97.9 78.2 117.4
141 76.9 63.0 94.6

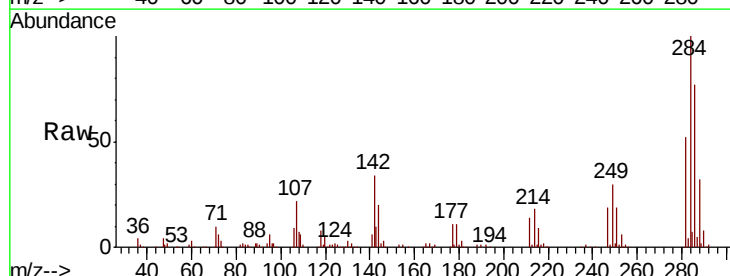


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

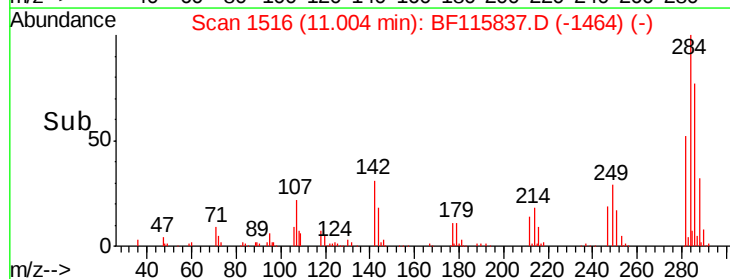
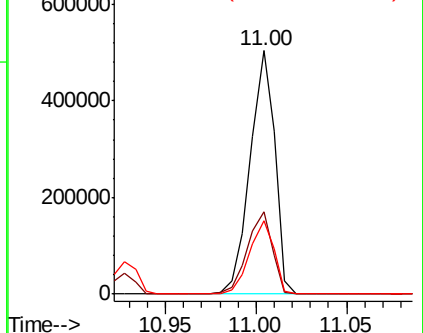


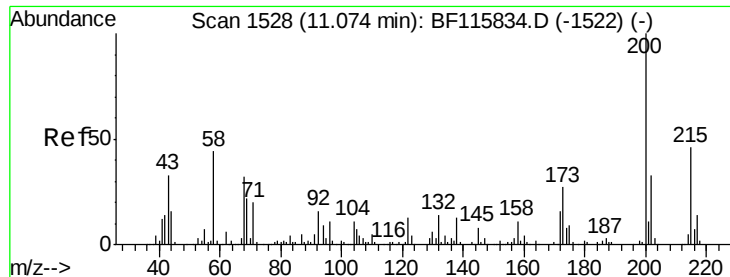
#68
Hexachlorobenzene
Concen: 71.325 ng
RT: 11.00 min Scan# 1516
Delta R.T. 0.01 min
Lab File: BF115837.D
Acq: 29 Jul 2019 12:50

Tgt Ion:284 Resp: 478207
Ion Ratio Lower Upper
284 100
142 33.6 27.7 41.5
249 30.1 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

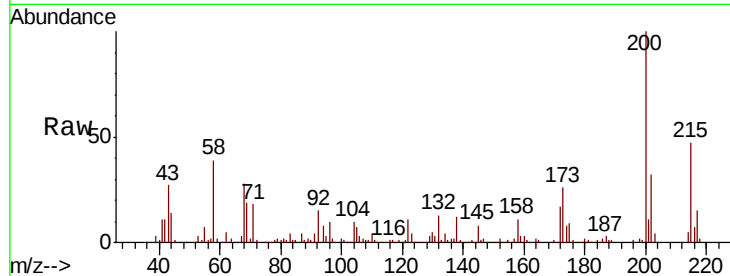




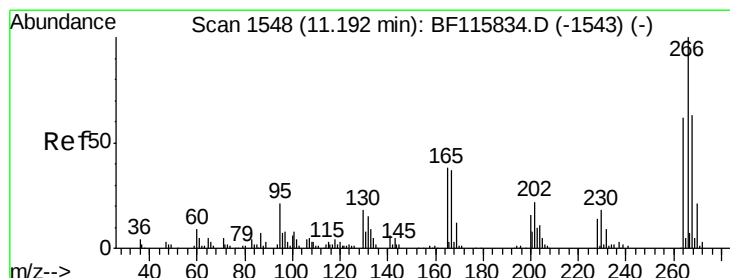
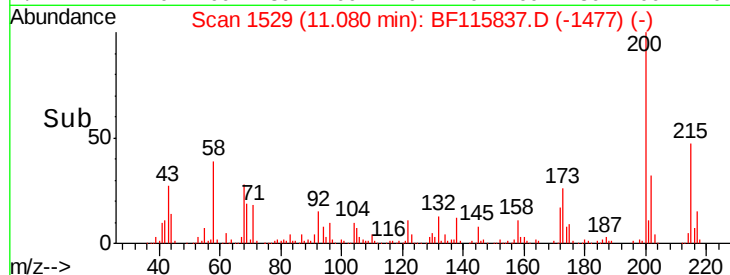
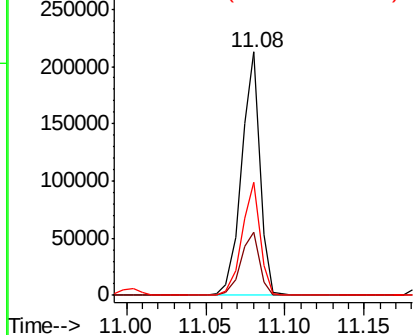
#69
 Atrazine
 Concen: 32.530 ng
 RT: 11.08 min Scan# 1529
 Delta R.T. 0.01 min
 Lab File: BF115837.D
 Acq: 29 Jul 2019 12:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.7	7.1	47.1
215	46.7	26.4	66.4

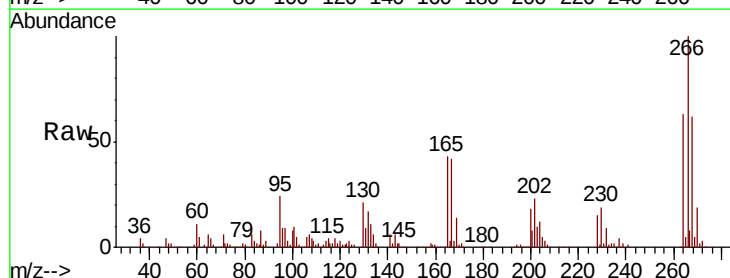


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

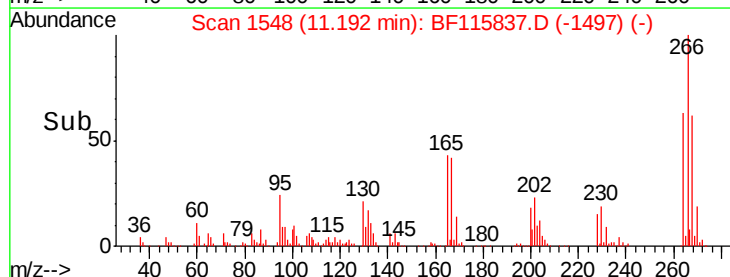
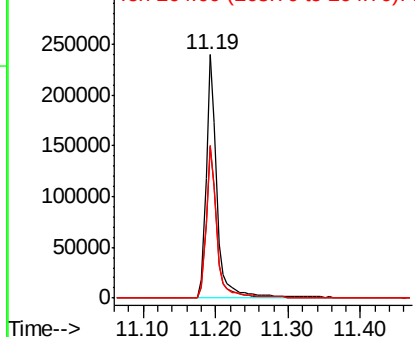


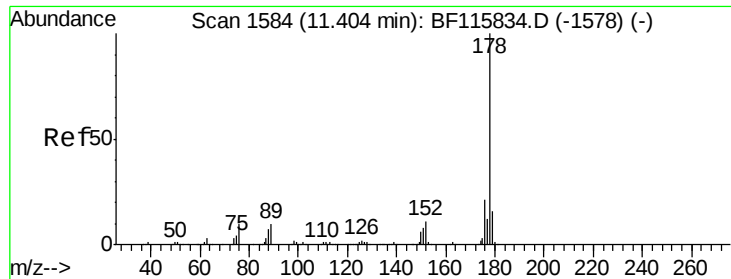
#70
 Pentachlorophenol
 Concen: 61.082 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. 0.00 min
 Lab File: BF115837.D
 Acq: 29 Jul 2019 12:50

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.3	50.6	76.0
264	62.7	49.8	74.6



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

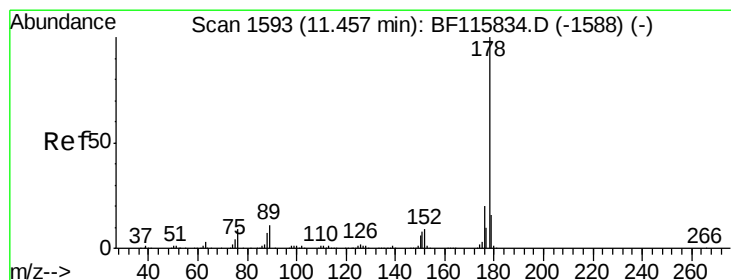
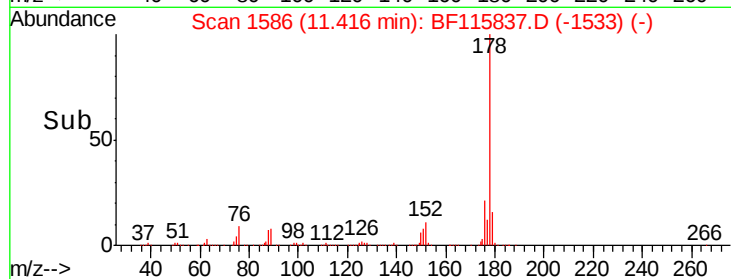
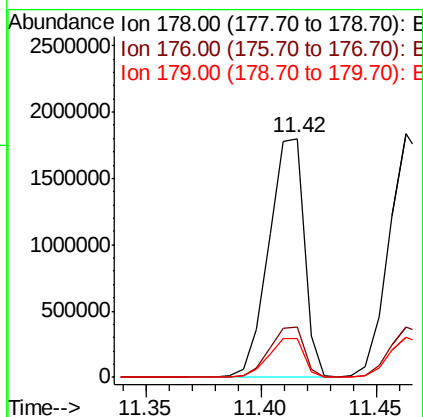
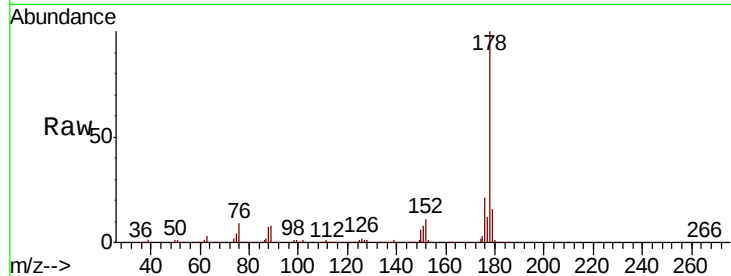




#71
Phenanthrene
Concen: 72.522 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BF115837.D
Acq: 29 Jul 2019 12:50

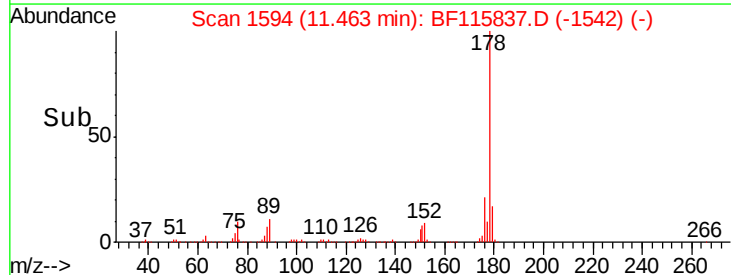
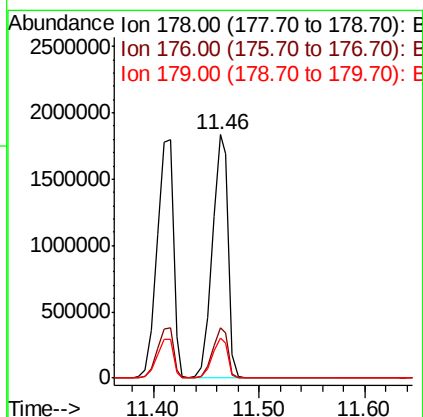
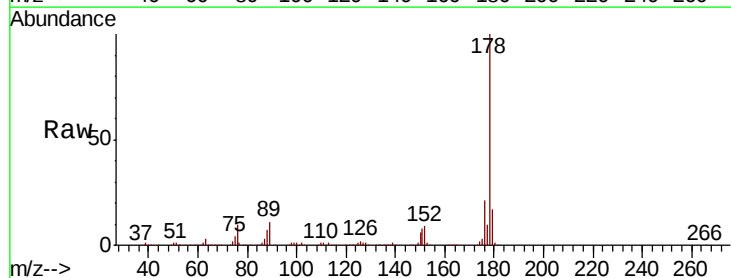
Instrument :
BNA_F
ClientSampleId :

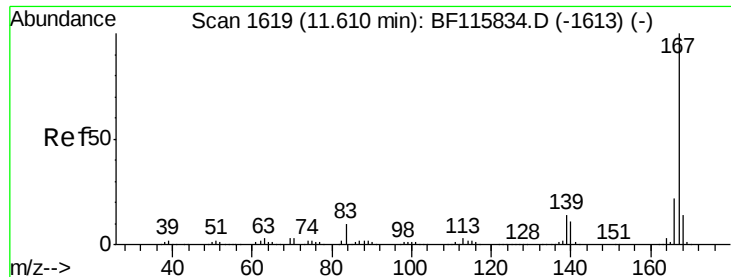
Tot Ion:178 Resp: 1909808
Ion Ratio Lower Upper
178 100
176 21.2 16.5 24.7
179 16.1 13.0 19.4



#72
Anthracene
Concen: 71.385 ng
RT: 11.46 min Scan# 1594
Delta R.T. 0.01 min
Lab File: BF115837.D
Acq: 29 Jul 2019 12:50

Tgt Ion:178 Resp: 1942771
Ion Ratio Lower Upper
178 100
176 20.6 16.2 24.2
179 16.7 13.0 19.4

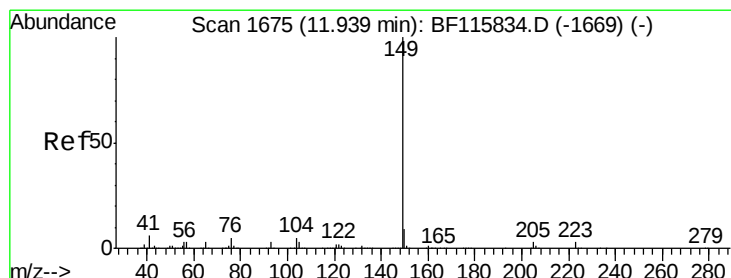
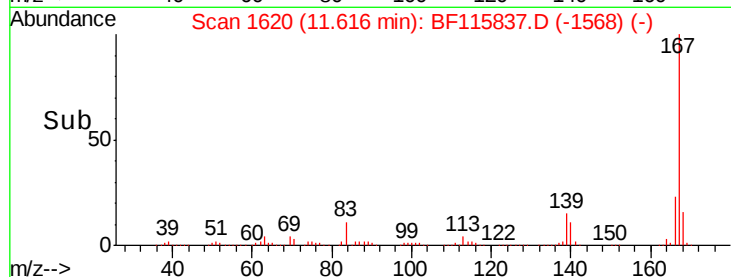
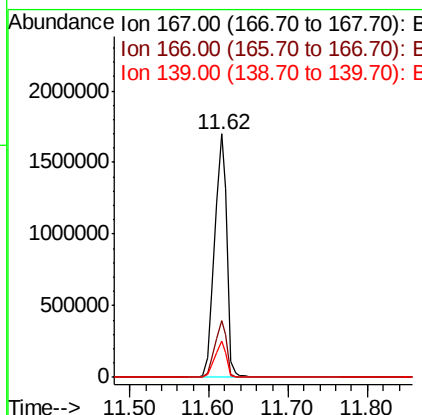
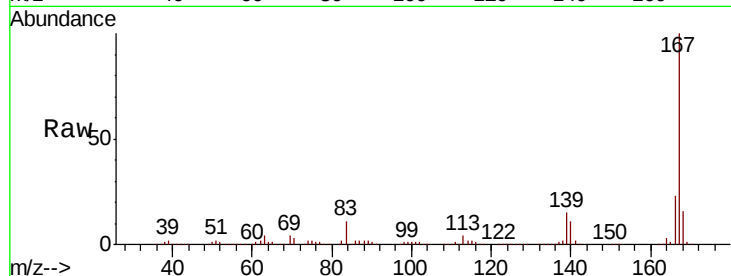




#73
 Carbazole
 Concen: 76.471 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. 0.01 min
 Lab File: BF115837.D
 Acq: 29 Jul 2019 12:50

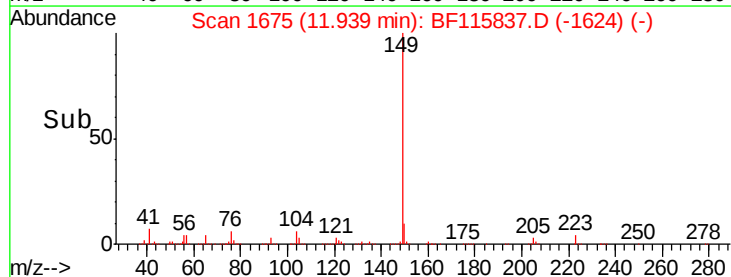
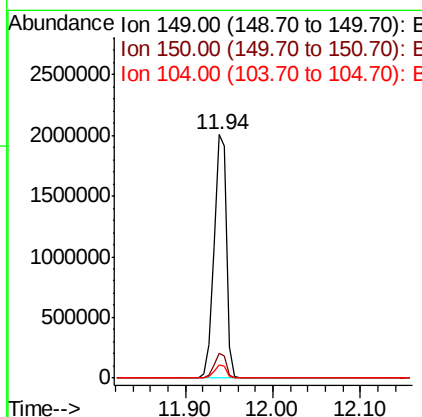
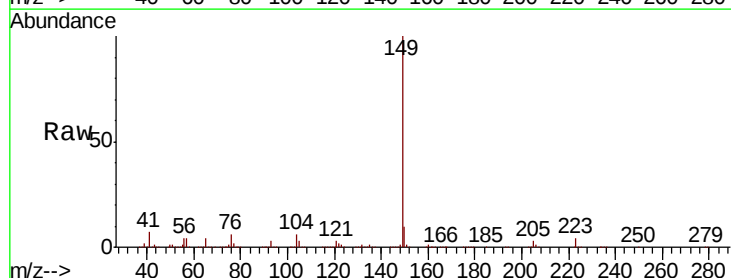
Instrument :
 BNA_F
 ClientSampleId :

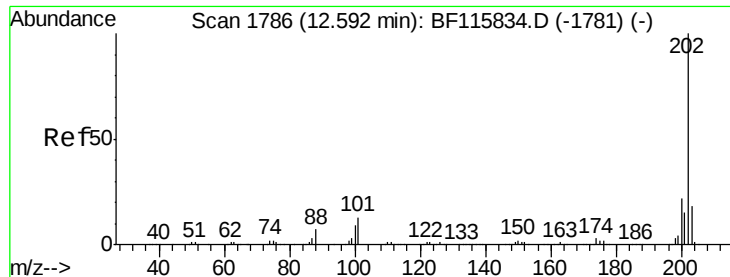
Tot Ion:167 Resp: 1825048
 Ion Ratio Lower Upper
 167 100
 166 23.1 17.7 26.5
 139 14.8 11.0 16.6



#74
 Di-n-butylphthalate
 Concen: 67.198 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: BF115837.D
 Acq: 29 Jul 2019 12:50

Tgt Ion:149 Resp: 1975452
 Ion Ratio Lower Upper
 149 100
 150 10.2 7.5 11.3
 104 5.6 3.9 5.9

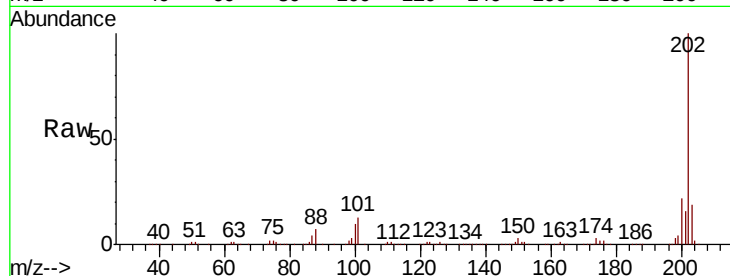




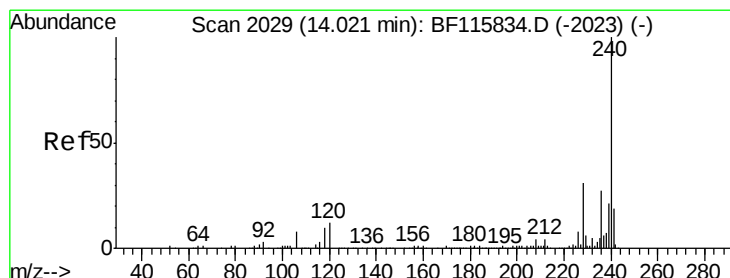
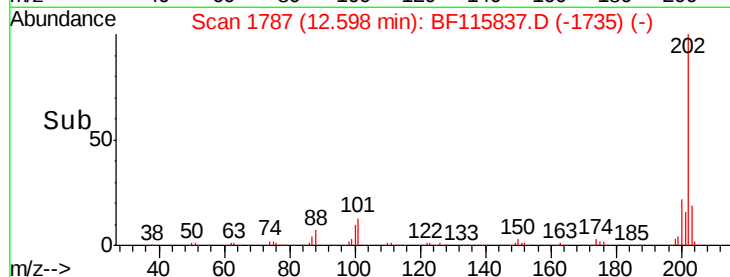
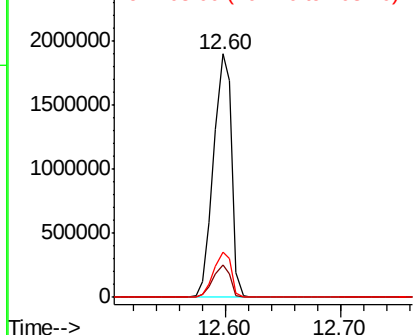
#75
 Fluoranthene
 Concen: 73.920 ng
 RT: 12.60 min Scan# 1787
 Delta R.T. 0.01 min
 Lab File: BF115837.D
 Acq: 29 Jul 2019 12:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:202 Resp: 2057068
 Ion Ratio Lower Upper
 202 100
 101 13.5 0.0 32.8
 203 18.6 0.0 37.9

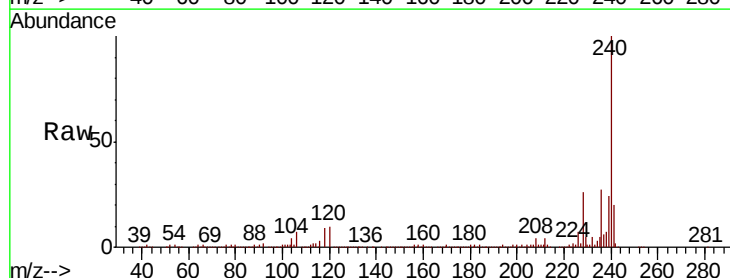


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

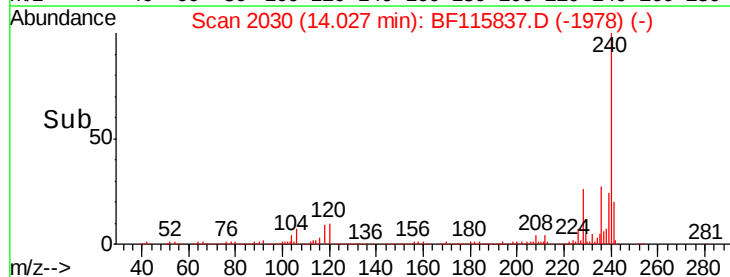
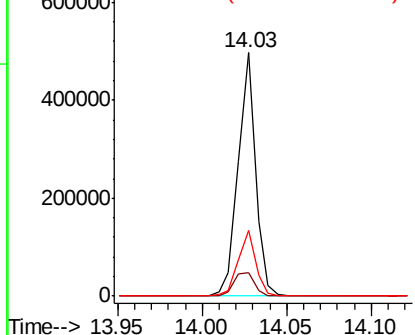


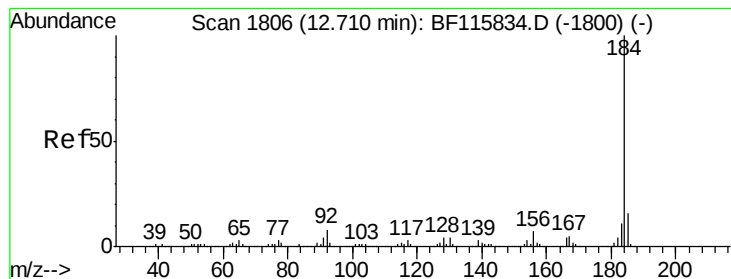
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. 0.01 min
 Lab File: BF115837.D
 Acq: 29 Jul 2019 12:50

Tgt Ion:240 Resp: 356780
 Ion Ratio Lower Upper
 240 100
 120 9.8 9.3 13.9
 236 27.1 21.6 32.4



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: 50.001 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BF115837.D

Acq: 29 Jul 2019 12:50

Instrument :

BNA_F

ClientSampleId :

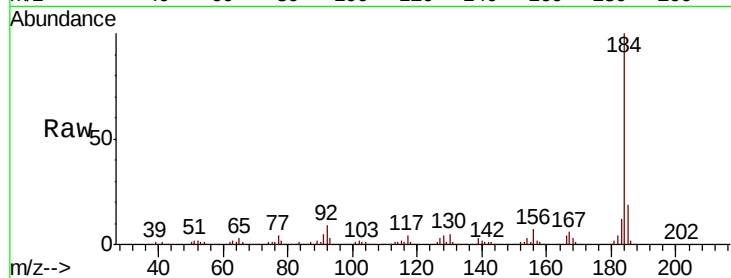
Tot Ion:184 Resp: 631961

Ion	Ratio	Lower	Upper
184	100		
185	19.2	12.7	19.1#
183	11.6	9.0	13.6

184 100

185 19.2 12.7 19.1#

183 11.6 9.0 13.6

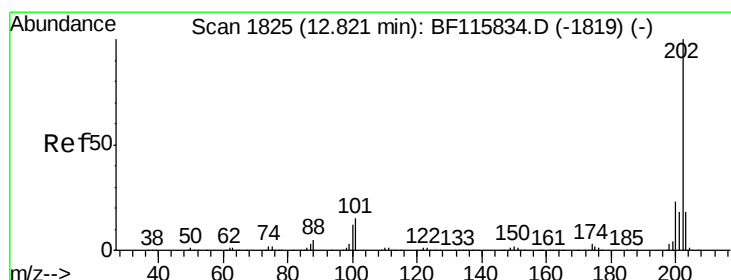
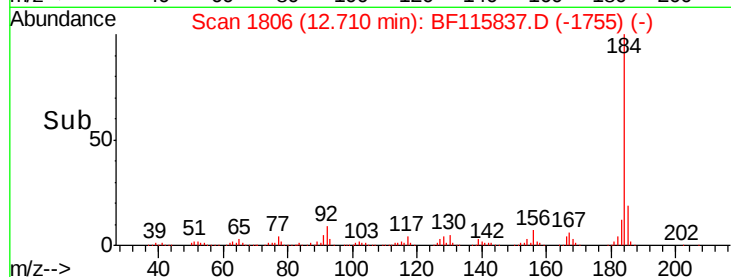
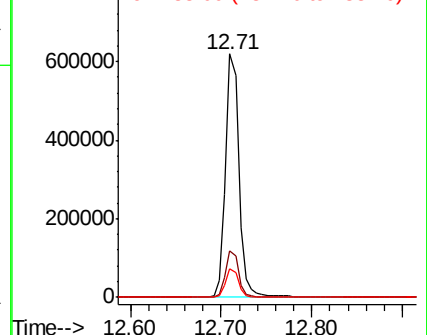


Abundance

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: 69.630 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.01 min

Lab File: BF115837.D

Acq: 29 Jul 2019 12:50

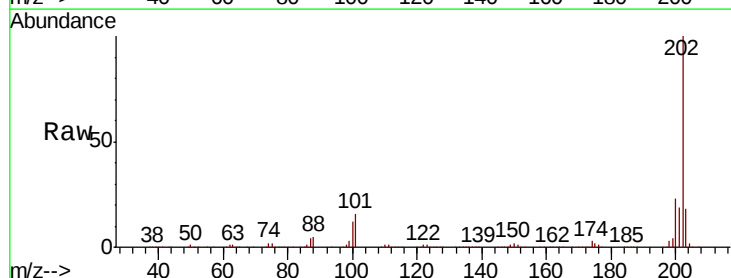
Tgt Ion:202 Resp: 2104757

Ion	Ratio	Lower	Upper
202	100		
200	22.7	18.3	27.5
203	18.5	14.6	21.8

202 100

200 22.7 18.3 27.5

203 18.5 14.6 21.8

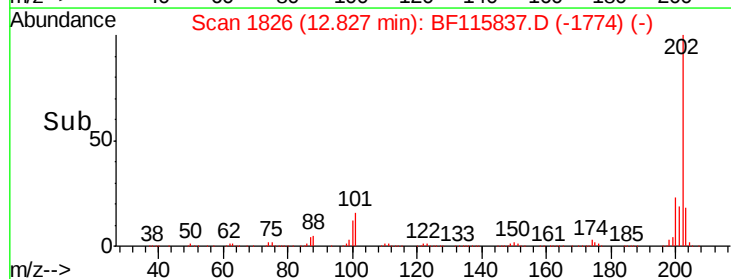
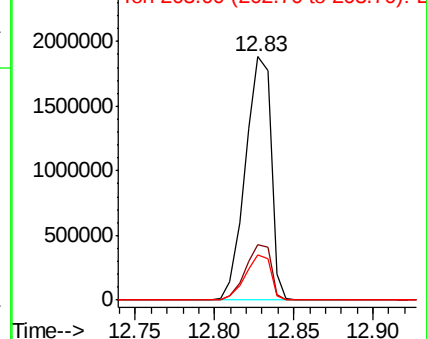


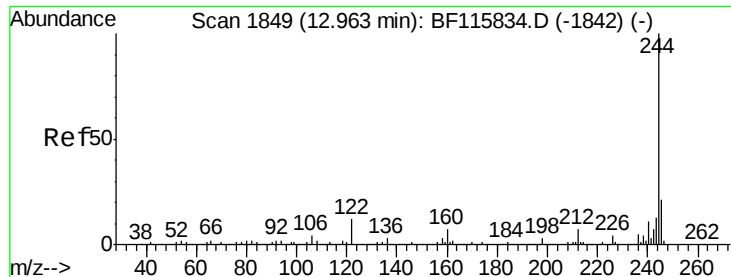
Abundance

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

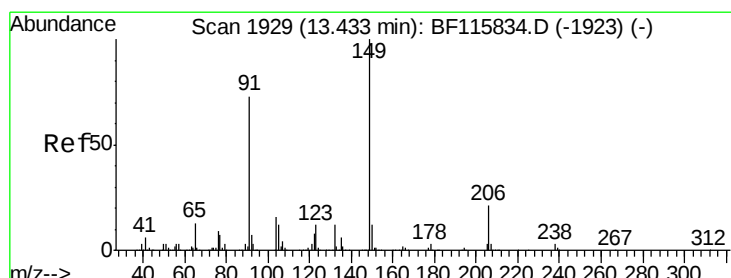
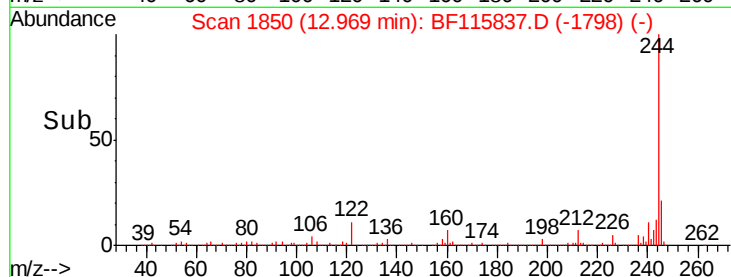
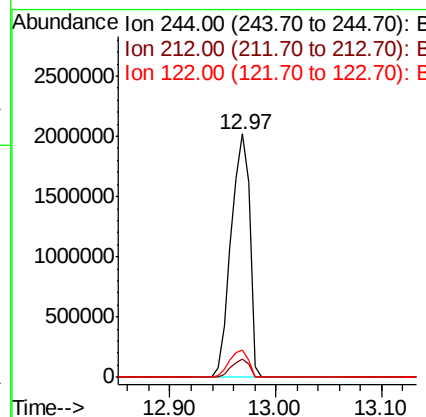
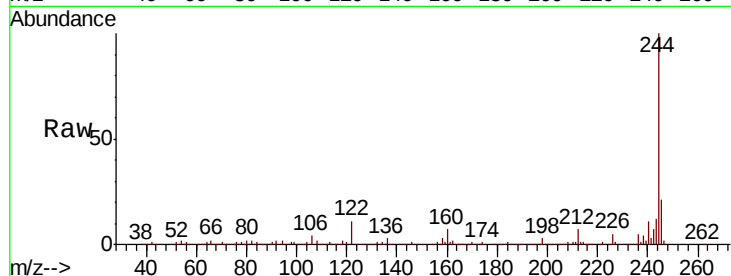




#79
 Terphenyl-d14
 Concen: 127.651 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. 0.01 min
 Lab File: BF115837.D
 Acq: 29 Jul 2019 12:50

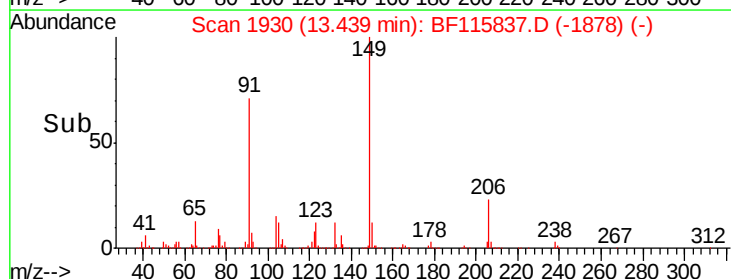
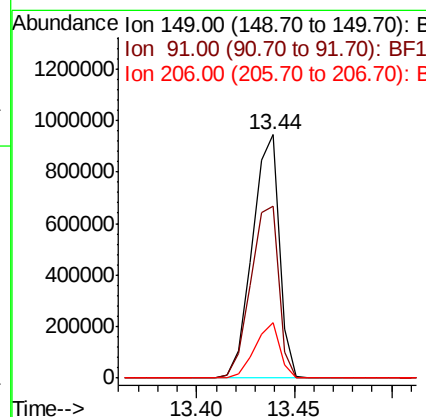
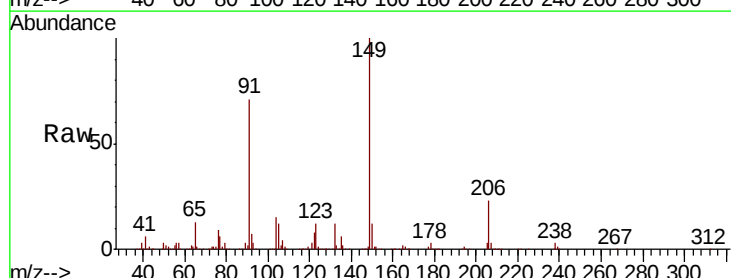
Instrument :
 BNA_F
 ClientSampled :

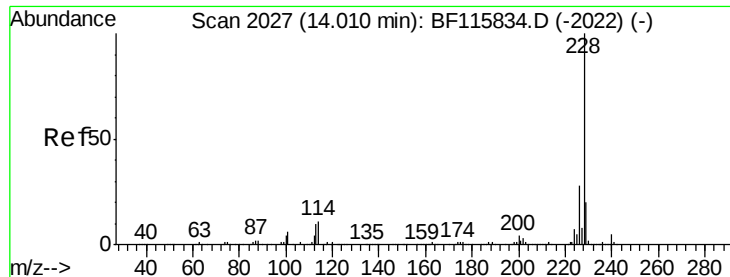
Tot Ion:244 Resp: 2468239
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 11.1 9.4 14.2



#80
 Butylbenzylphthalate
 Concen: 70.054 ng
 RT: 13.44 min Scan# 1930
 Delta R.T. 0.01 min
 Lab File: BF115837.D
 Acq: 29 Jul 2019 12:50

Tgt Ion:149 Resp: 902705
 Ion Ratio Lower Upper
 149 100
 91 70.8 58.2 87.4
 206 22.5 16.9 25.3

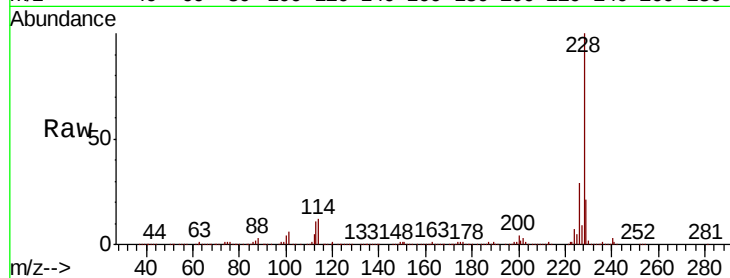




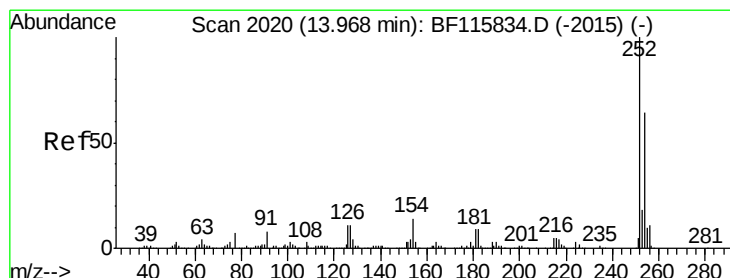
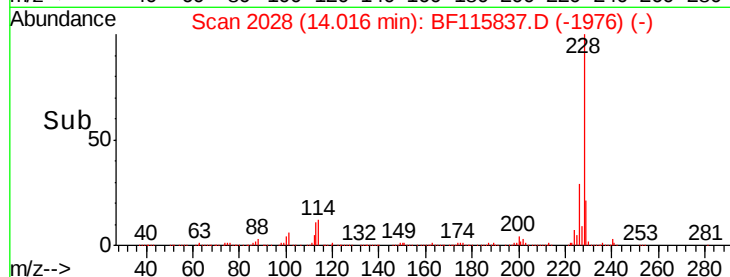
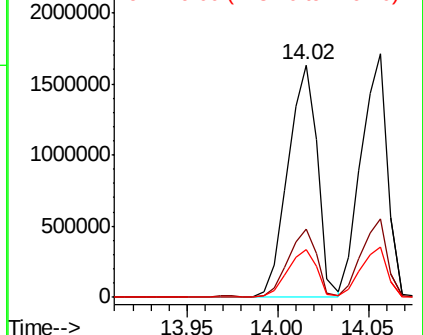
#81
Benzo(a)anthracene
Concen: 79.170 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF115837.D
Acq: 29 Jul 2019 12:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 1860873
Ion Ratio Lower Upper
228 100
226 29.2 22.3 33.5
229 20.5 16.3 24.5

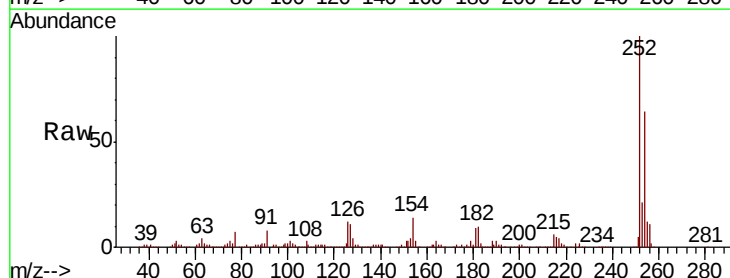


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

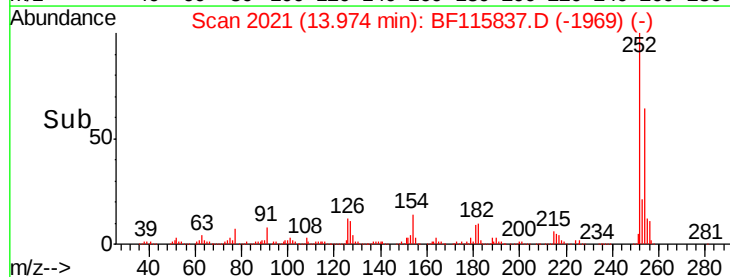
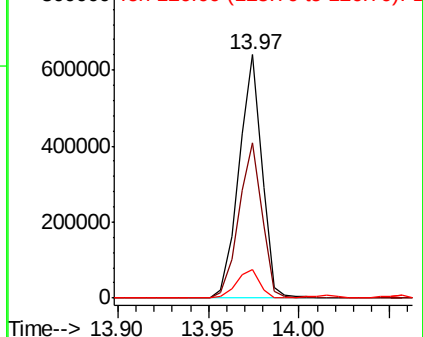


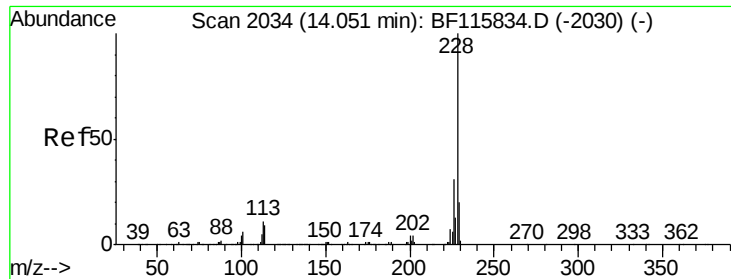
#82
3,3'-Dichlorobenzidine
Concen: 67.575 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BF115837.D
Acq: 29 Jul 2019 12:50

Tgt Ion:252 Resp: 564647
Ion Ratio Lower Upper
252 100
254 63.8 51.1 76.7
126 11.6 9.1 13.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 73.672 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF115837.D

Acq: 29 Jul 2019 12:50

Instrument :

BNA_F

ClientSampled :

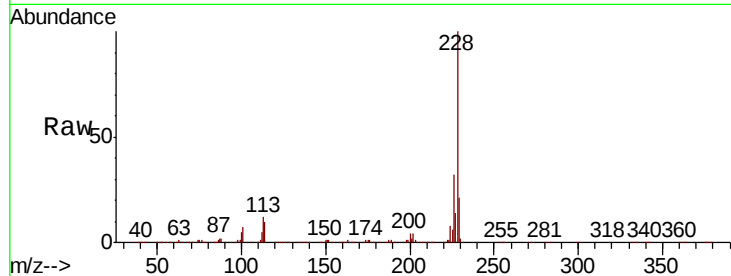
Tot Ion:228 Resp: 1738338

Ion Ratio Lower Upper

228 100

226 32.1 24.9 37.3

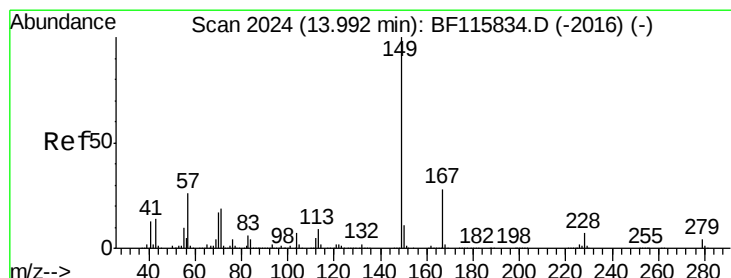
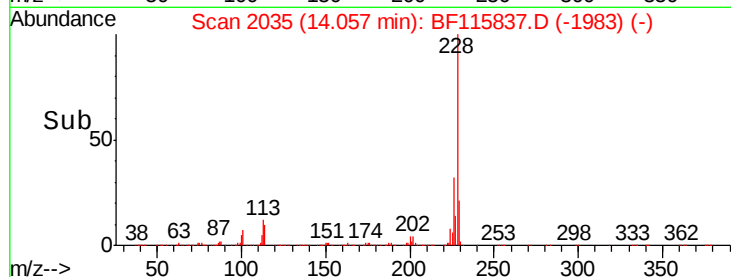
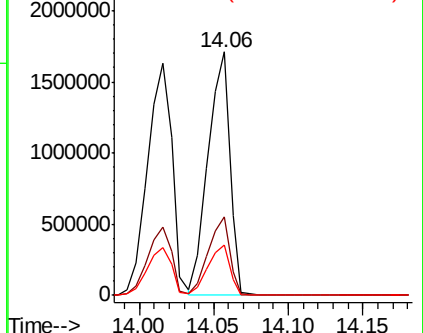
229 20.8 16.0 24.0



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: 71.668 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BF115837.D

Acq: 29 Jul 2019 12:50

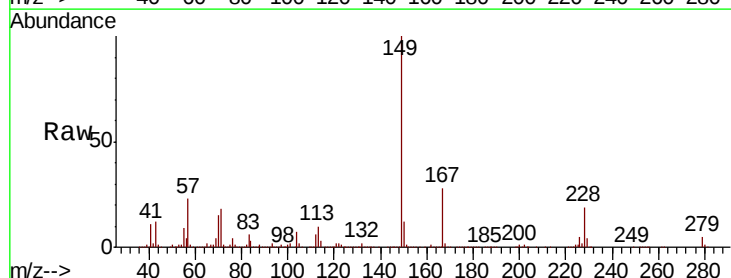
Tgt Ion:149 Resp: 1143931

Ion Ratio Lower Upper

149 100

167 28.3 22.2 33.4

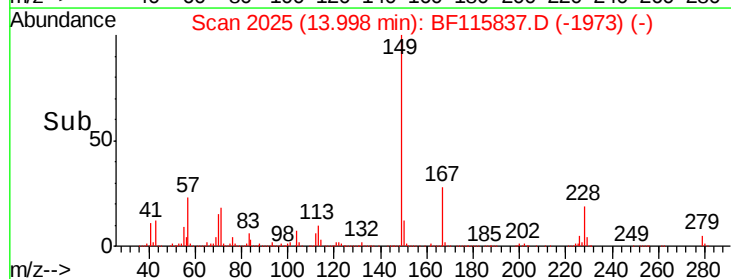
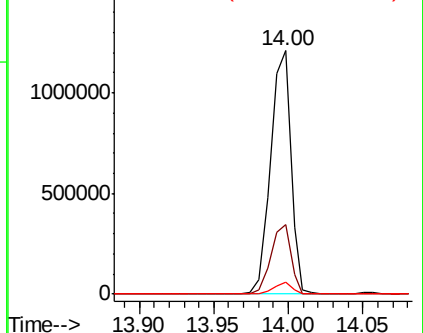
279 4.8 3.1 4.7#

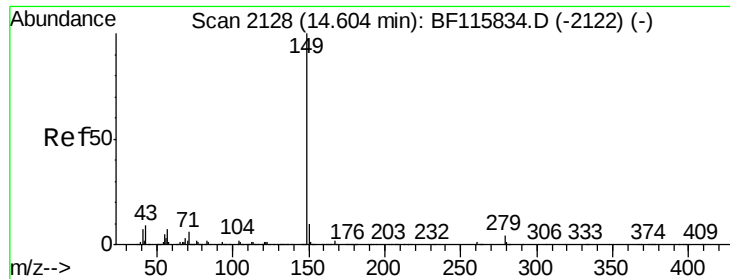


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 71.395 ng

RT: 14.60 min Scan# 2128

Delta R.T. 0.00 min

Lab File: BF115837.D

Acq: 29 Jul 2019 12:50

Instrument :

BNA_F

ClientSampleId :

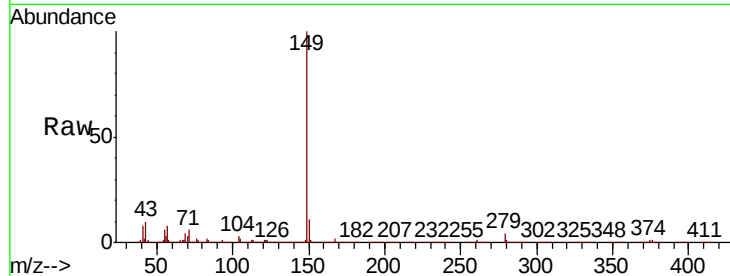
Tot Ion:149 Resp: 1813179

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 9.7 7.4 11.0

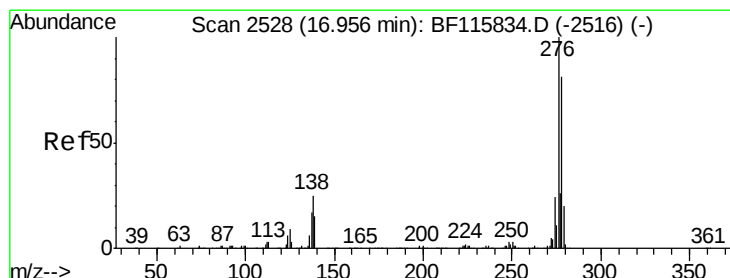
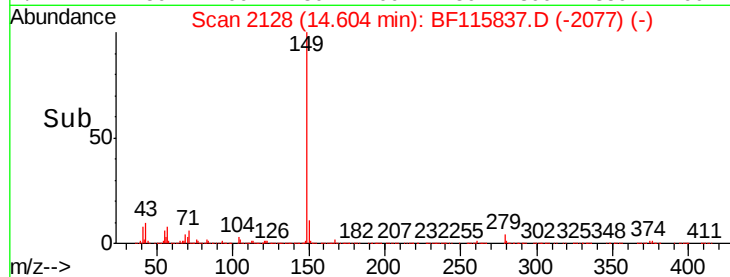
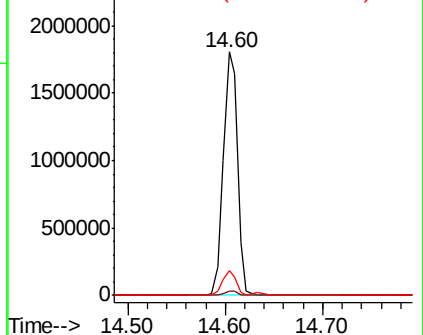


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 84.360 ng

RT: 16.97 min Scan# 2530

Delta R.T. 0.01 min

Lab File: BF115837.D

Acq: 29 Jul 2019 12:50

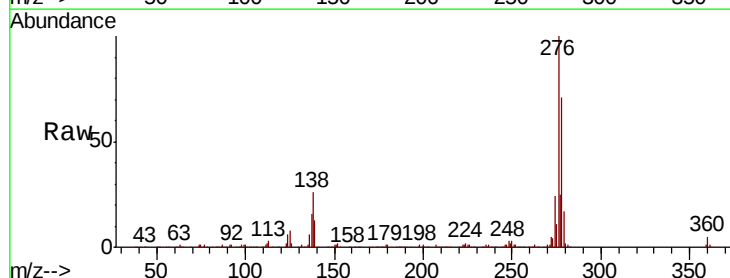
Tgt Ion:276 Resp: 1691106

Ion Ratio Lower Upper

276 100

138 24.9 19.8 29.8

277 25.4 20.3 30.5

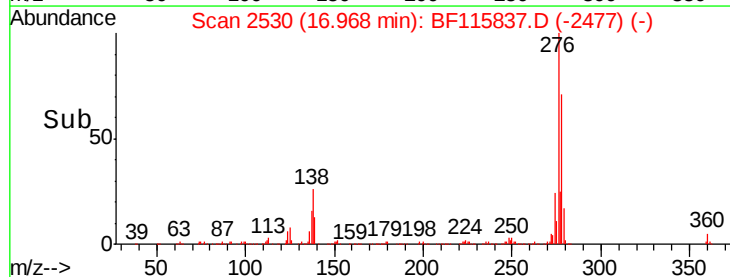
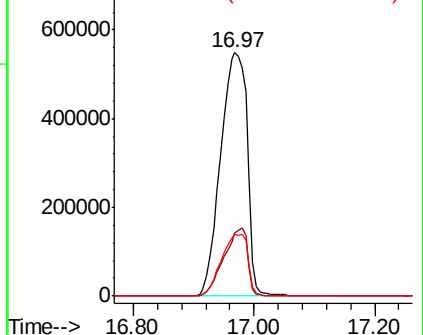


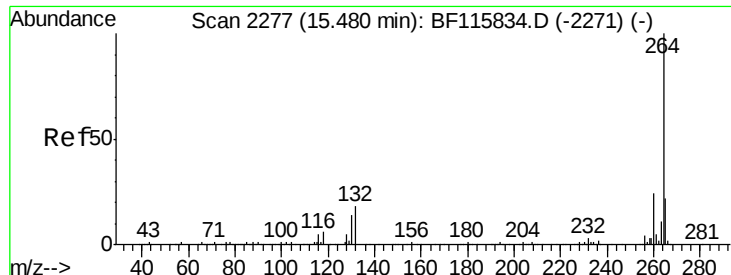
Abundance

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

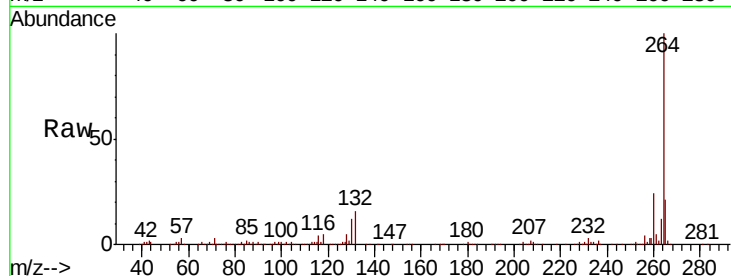




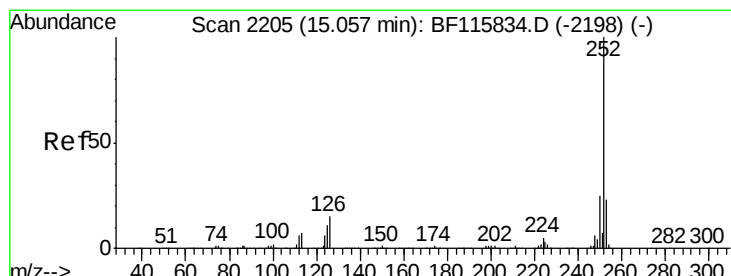
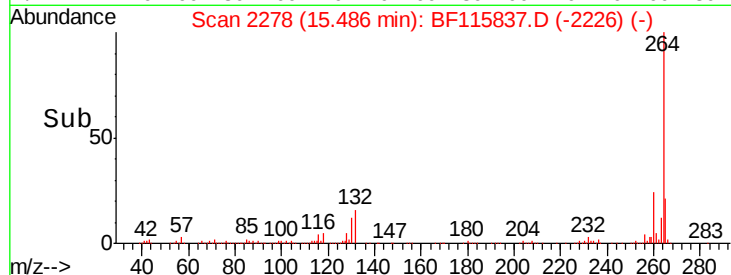
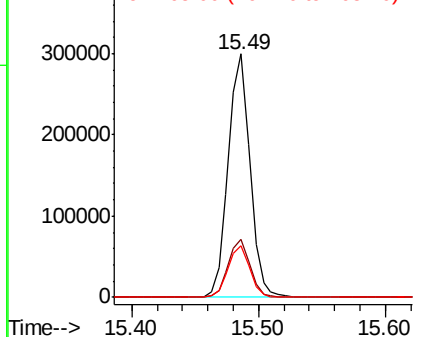
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.01 min
Lab File: BF115837.D
Acq: 29 Jul 2019 12:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 357089
Ion Ratio Lower Upper
264 100
260 24.0 19.5 29.3
265 21.5 17.6 26.4

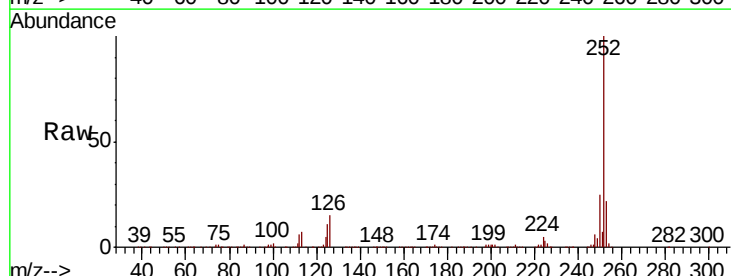


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

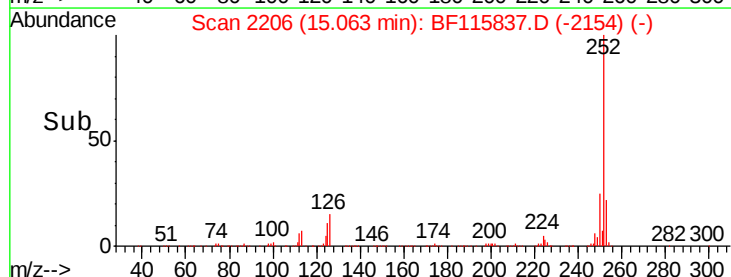
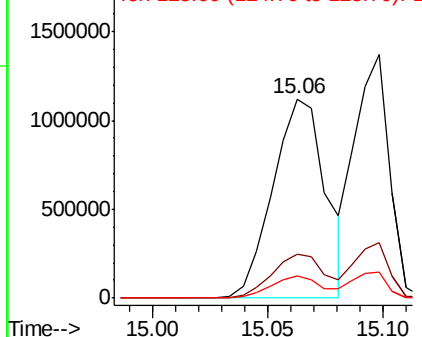


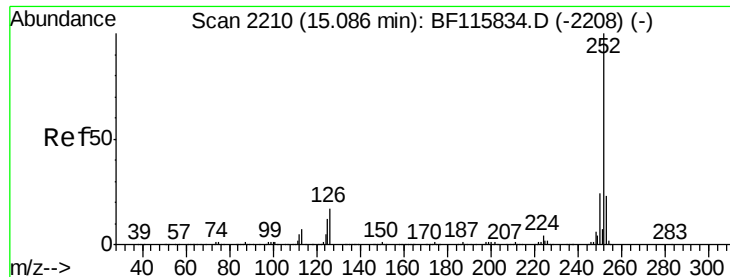
#88
Benzo(b)fluoranthene
Concen: 77.454 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF115837.D
Acq: 29 Jul 2019 12:50

Tgt Ion:252 Resp: 1780949
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 11.0 9.2 13.8



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

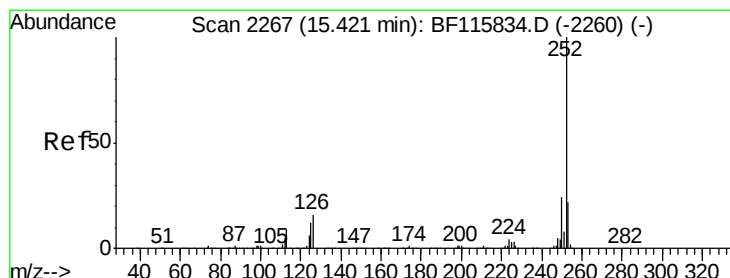
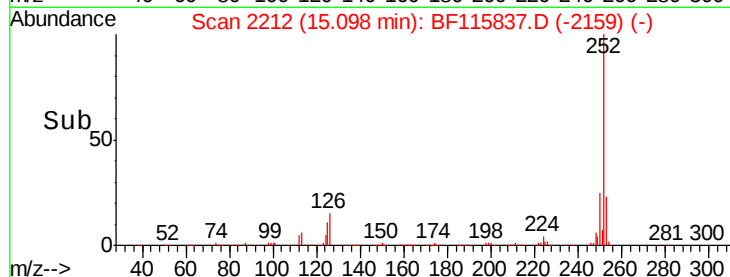
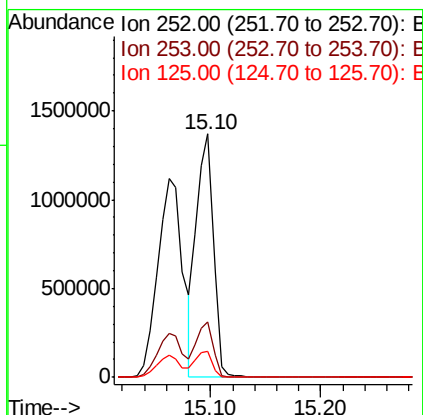
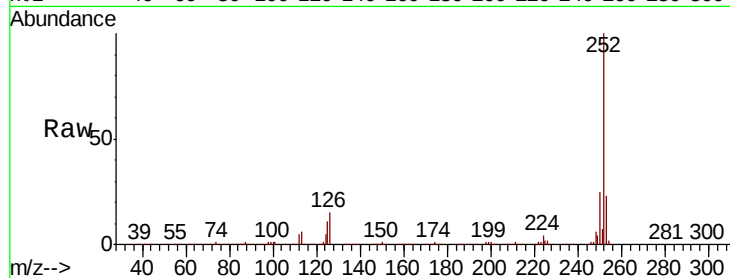




#89
Benzo(k)fluoranthene
Concen: 70.034 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BF115837.D
Acq: 29 Jul 2019 12:50

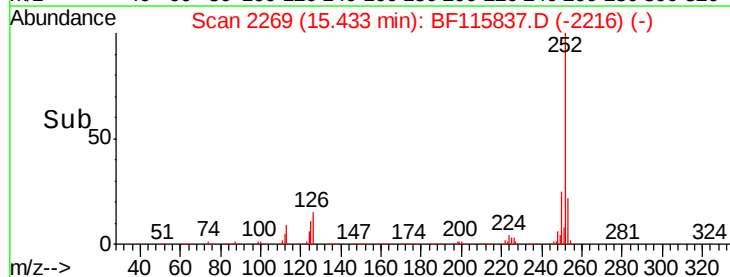
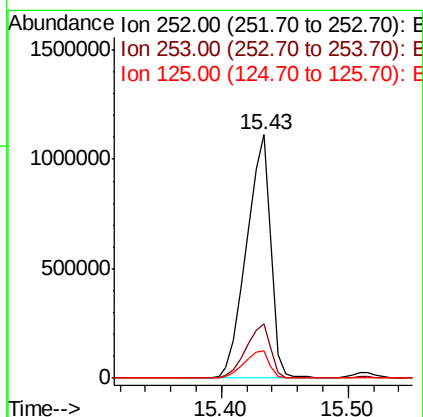
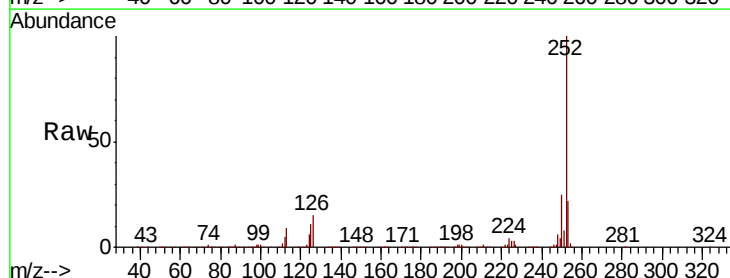
Instrument :
BNA_F
ClientSampleId :

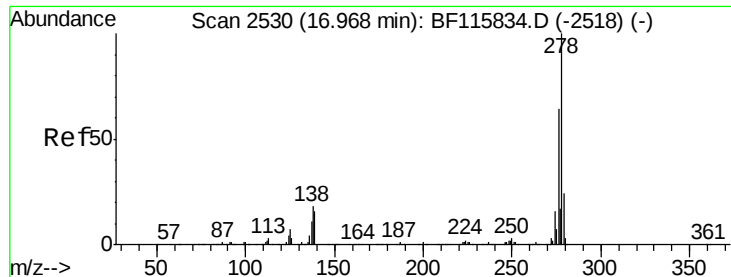
Tot Ion:252 Resp: 1435712
Ion Ratio Lower Upper
252 100
253 22.8 18.3 27.5
125 10.6 9.5 14.3



#90
Benzo(a)pyrene
Concen: 75.308 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF115837.D
Acq: 29 Jul 2019 12:50

Tgt Ion:252 Resp: 1488303
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 11.5 9.6 14.4





#91

Dibenzo(a,h)anthracene

Concen: 77.385 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.02 min

Lab File: BF115837.D

Acq: 29 Jul 2019 12:50

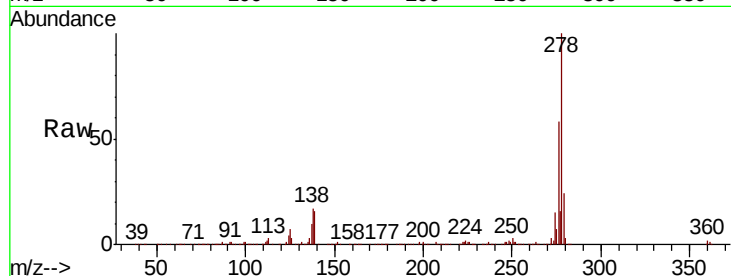
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 1342606

Ion	Ratio	Lower	Upper
278	100		
139	16.0	12.9	19.3
279	24.1	19.1	28.7

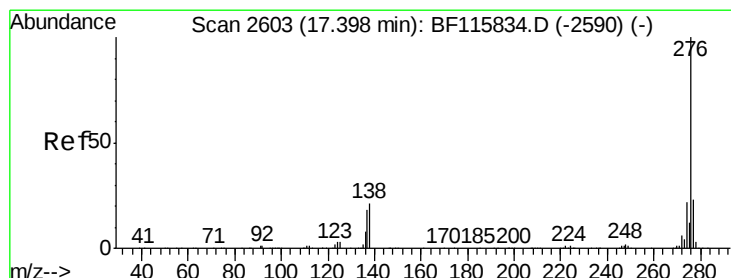
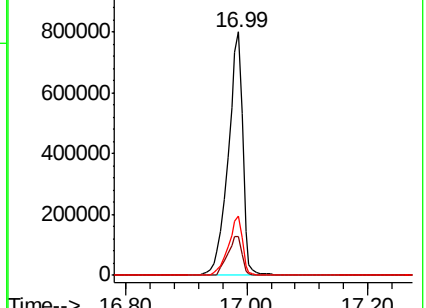
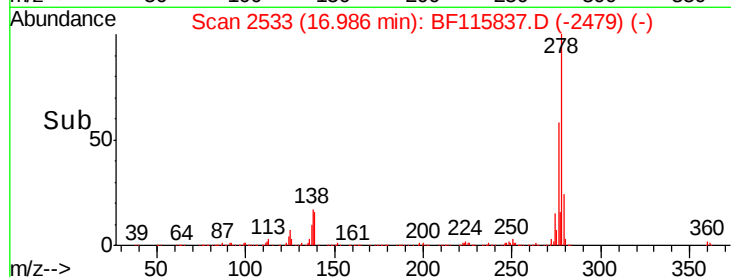


Abundance

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: 80.847 ng

RT: 17.42 min Scan# 2606

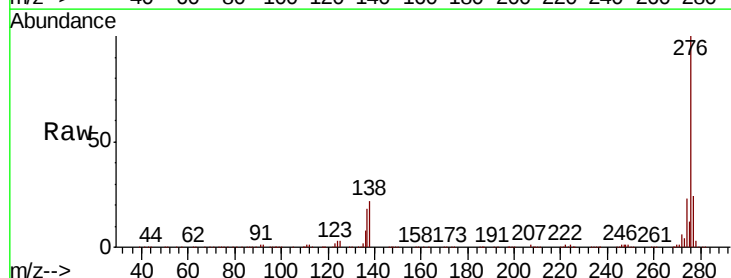
Delta R.T. 0.02 min

Lab File: BF115837.D

Acq: 29 Jul 2019 12:50

Tgt Ion:276 Resp: 1398925

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.7	28.1
138	21.6	16.9	25.3



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

