

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
 Data File : BF115032.D
 Acq On : 14 Jun 2019 11:51
 Operator : HP/JU
 Sample : PB120556BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120556BS

Quant Time: Jun 15 05:13:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 15:42:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	291013	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1124575	20.00	ng	0.00
39) Acenaphthene-d10	9.68	164	553317	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	1090557	20.00	ng	0.00
76) Chrysene-d12	13.78	240	664326	20.00	ng	0.00
87) Perylene-d12	15.15	264	760737	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	2118811	121.57	ng	0.02
7) Phenol-d6	6.30	99	2663997	126.72	ng	0.00
23) Nitrobenzene-d5	7.22	82	1676598	89.74	ng	0.00
42) 2,4,6-Tribromophenol	10.47	330	779881	131.62	ng	0.00
45) 2-Fluorobiphenyl	9.01	172	3031201	92.85	ng	0.00
79) Terphenyl-d14	12.74	244	3161550	89.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.37	88	288649	35.383	ng	99
3) Pyridine	3.05	79	826966	36.006	ng	99
4) n-Nitrosodimethylamine	2.99	42	327027	40.105	ng	97
6) Aniline	6.32	93	587603	20.871	ng	# 1
8) 2-Chlorophenol	6.44	128	832263	42.114	ng	98
9) Benzaldehyde	6.19	77	236583	15.102	ng	97
10) Phenol	6.32	94	939358	39.936	ng	81
11) bis(2-Chloroethyl)ether	6.39	93	755519	41.384	ng	100
12) 1,3-Dichlorobenzene	6.59	146	904878	39.202	ng	98
13) 1,4-Dichlorobenzene	6.66	146	921384	39.704	ng	99
14) 1,2-Dichlorobenzene	6.82	146	842482	38.562	ng	99
15) Benzyl Alcohol	6.80	79	538818	34.208	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.93	45	965806	39.526	ng	93
17) 2-Methylphenol	6.92	107	738923	44.828	ng	98
18) Hexachloroethane	7.16	117	331169	39.517	ng	97
19) n-Nitroso-di-n-propylamine	7.08	70	531669	41.624	ng	98
20) 3+4-Methylphenols	7.07	107	852097	43.435	ng	95
22) Acetophenone	7.06	105	1162177	45.653	ng	96
24) Nitrobenzene	7.23	77	842010	44.295	ng	94
25) Isophorone	7.47	82	1558569	44.541	ng	99
26) 2-Nitrophenol	7.55	139	488936	46.146	ng	98
27) 2,4-Dimethylphenol	7.60	122	788920	51.614	ng	99
28) bis(2-Chloroethoxy)methane	7.69	93	972651	43.325	ng	99
29) 2,4-Dichlorophenol	7.80	162	759053	47.009	ng	99
30) 1,2,4-Trichlorobenzene	7.87	180	811584	43.499	ng	98
31) Naphthalene	7.95	128	2406027	45.219	ng	100
32) Benzoic acid	7.75	122	436583	39.477	ng	99
33) 4-Chloroaniline	8.00	127	364317	14.833	ng	98
34) Hexachlorobutadiene	8.07	225	435211	41.966	ng	100
35) Caprolactam	8.39	113	242625m	45.114	ng	
36) 4-Chloro-3-methylphenol	8.50	107	793190	48.745	ng	100
37) 2-Methylnaphthalene	8.65	142	1647704	46.429	ng	99
38) 1-Methylnaphthalene	8.74	142	1549924	46.209	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.82	216	693964	42.452	ng	99

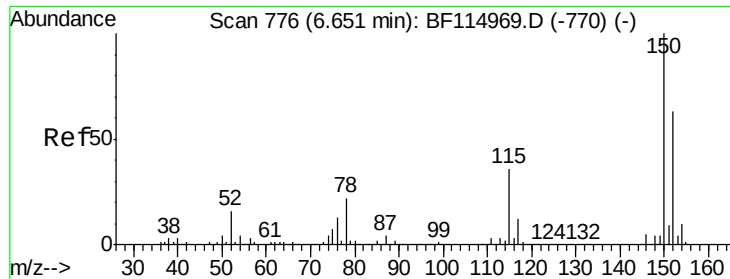
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
 Data File : BF115032.D
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 Operator : HP/JU
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Quant Time: Jun 15 05:13:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 15:42:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.80	237	737402	91.544	ng	99
43) 2,4,6-Trichlorophenol	8.93	196	518337	42.453	ng	99
44) 2,4,5-Trichlorophenol	8.97	196	591427	47.931	ng	97
46) 1,1'-Biphenyl	9.11	154	1903988	42.941	ng	99
47) 2-Chloronaphthalene	9.13	162	1535783	42.833	ng	99
48) 2-Nitroaniline	9.23	65	450142	42.475	ng	98
49) Acenaphthylene	9.55	152	2372570	43.037	ng	99
50) Dimethylphthalate	9.42	163	1816991	43.665	ng	100
51) 2,6-Dinitrotoluene	9.47	165	430070	45.563	ng #	83
52) Acenaphthene	9.72	154	1390953	44.101	ng	99
53) 3-Nitroaniline	9.63	138	246775	21.338	ng	98
54) 2,4-Dinitrophenol	9.75	184	434586	94.921	ng	95
55) Dibenzofuran	9.89	168	2009166	42.267	ng	99
56) 4-Nitrophenol	9.82	139	673755	84.482	ng	98
57) 2,4-Dinitrotoluene	9.87	165	549321	45.723	ng	92
58) Fluorene	10.23	166	1472090	46.678	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.01	232	471856	47.342	ng	98
60) Diethylphthalate	10.12	149	1734254	43.588	ng	100
61) 4-Chlorophenyl-phenylether	10.22	204	708015	45.103	ng	98
62) 4-Nitroaniline	10.25	138	473433	40.716	ng	99
63) Azobenzene	10.38	77	1527615	43.887	ng	98
65) 4,6-Dinitro-2-methylphenol	10.29	198	270517	44.257	ng	86
66) n-Nitrosodiphenylamine	10.34	169	1445948	44.356	ng	100
67) 4-Bromophenyl-phenylether	10.70	248	498116	42.540	ng	93
68) Hexachlorobenzene	10.77	284	541030	41.968	ng	96
69) Atrazine	10.87	200	483810	46.032	ng	98
70) Pentachlorophenol	10.97	266	618286	88.315	ng	99
71) Phenanthrene	11.18	178	2361971	41.948	ng	100
72) Anthracene	11.23	178	2395960	42.179	ng	99
73) Carbazole	11.39	167	2196171	44.295	ng	100
74) Di-n-butylphthalate	11.73	149	2533954	40.540	ng	100
75) Fluoranthene	12.36	202	2454269	42.626	ng	98
77) Benzidine	12.48	184	551430	20.522	ng	96
78) Pyrene	12.59	202	2451108	40.502	ng	99
80) Butylbenzylphthalate	13.21	149	1179002	41.710	ng	94
81) Benzo(a)anthracene	13.77	228	2104674	42.336	ng	99
82) 3,3'-Dichlorobenzidine	13.73	252	534194	28.028	ng	98
83) Chrysene	13.80	228	2160967	43.713	ng	99
84) Bis(2-ethylhexyl)phthalate	13.77	149	1363896	40.825	ng	98
85) Di-n-octyl phthalate	14.38	149	2544670	44.231	ng	100
86) Indeno(1,2,3-cd)pyrene	16.46	276	1986348	45.743	ng	100
88) Benzo(b)fluoranthene	14.77	252	2247346	44.439	ng	99
89) Benzo(k)fluoranthene	14.80	252	1989861	44.829	ng	98
90) Benzo(a)pyrene	15.10	252	2046689	46.902	ng	98
91) Dibenzo(a,h)anthracene	16.47	278	1636321	43.542	ng	99
92) Benzo(g,h,i)perylene	16.85	276	1653007	43.130	ng	99

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

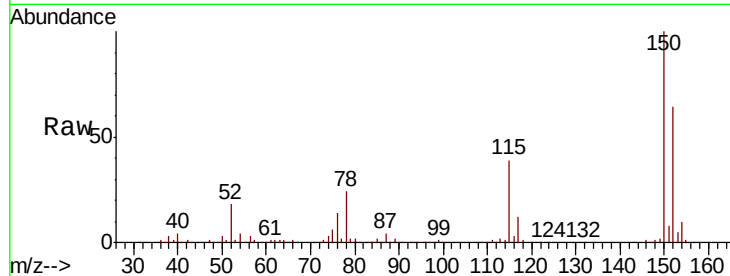


#1

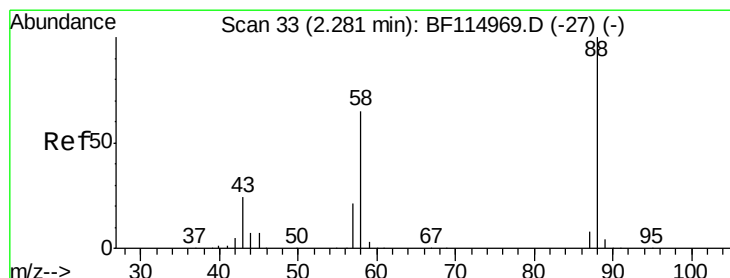
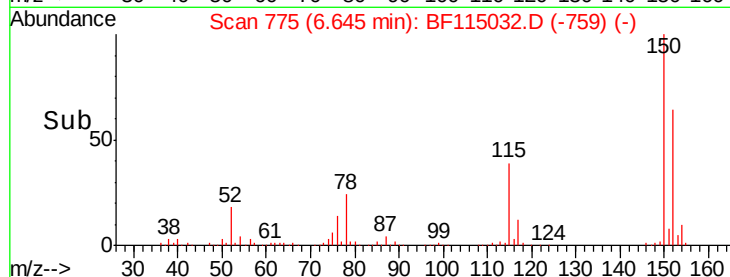
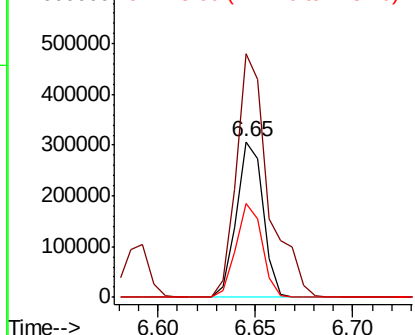
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF115032.D
Acq: 14 Jun 2019 11:51

Instrument :
BNA_F
ClientSampleId :
PB120556BS

Tot Ion:152 Resp: 291013
Ion Ratio Lower Upper
152 100
150 156.2 127.4 191.0
115 60.3 46.0 69.0



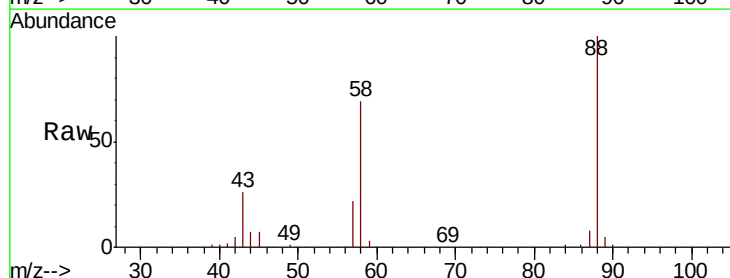
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



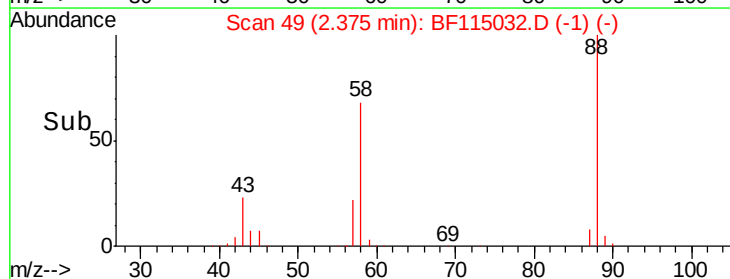
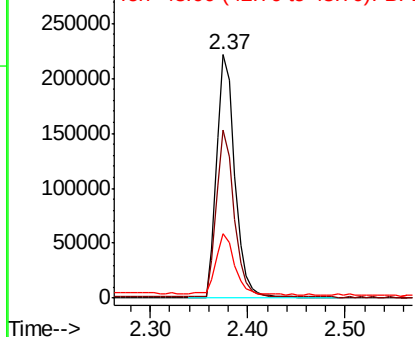
#2

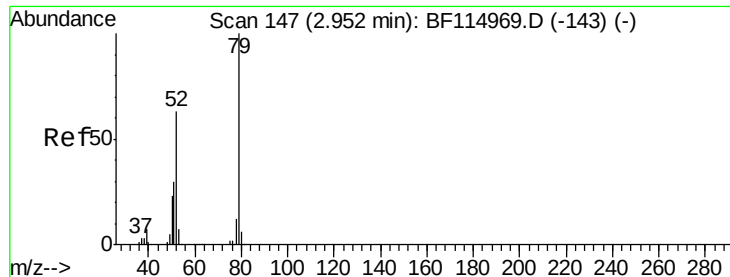
1,4-Dioxane
Concen: 35.383 ng
RT: 2.37 min Scan# 49
Delta R.T. 0.09 min
Lab File: BF115032.D
Acq: 14 Jun 2019 11:51

Tgt Ion: 88 Resp: 288649
Ion Ratio Lower Upper
88 100
58 66.6 53.4 80.2
43 26.3 19.7 29.5



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: 36.006 ng

RT: 3.05 min Scan# 164

Delta R.T. 0.10 min

Lab File: BF115032.D

Acq: 14 Jun 2019 11:51

Instrument :

BNA_F

ClientSampleId :

PB120556BS

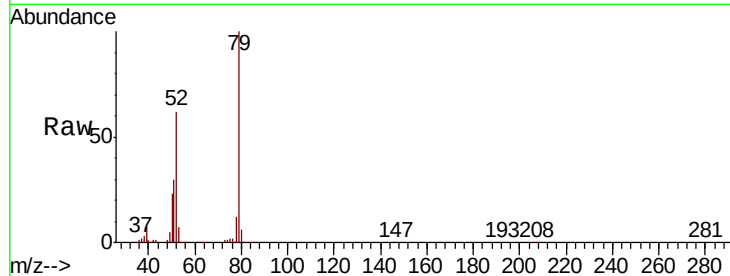
Tot Ion: 79 Resp: 826966

Ion Ratio Lower Upper

79 100

52 62.1 50.3 75.5

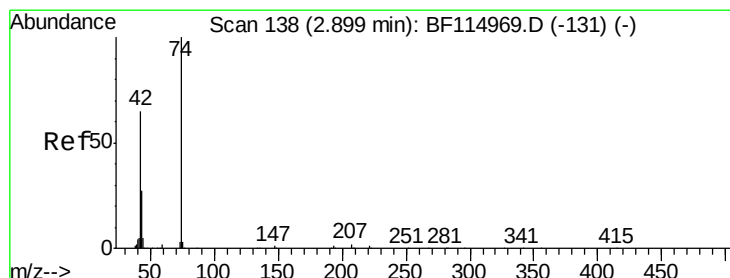
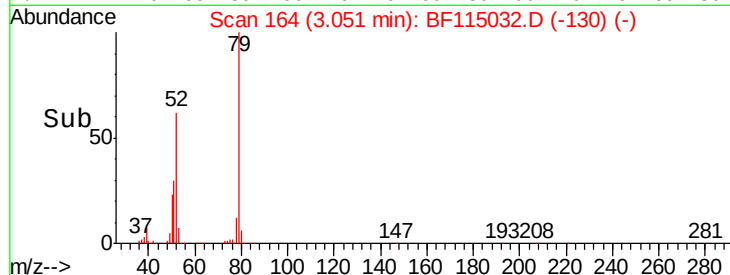
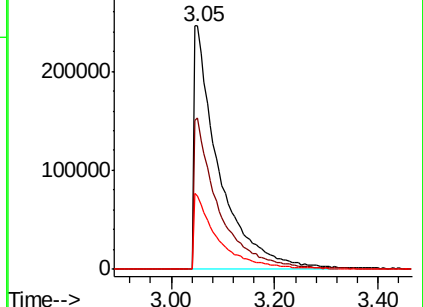
51 30.0 24.4 36.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 40.105 ng

RT: 2.99 min Scan# 154

Delta R.T. 0.09 min

Lab File: BF115032.D

Acq: 14 Jun 2019 11:51

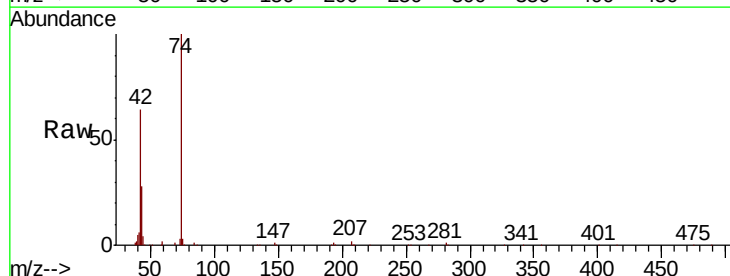
Tgt Ion: 42 Resp: 327027

Ion Ratio Lower Upper

42 100

74 156.1 122.2 183.2

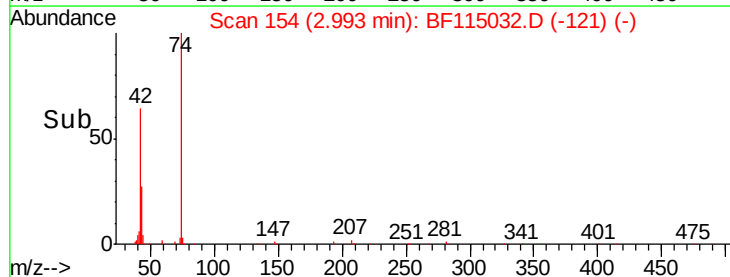
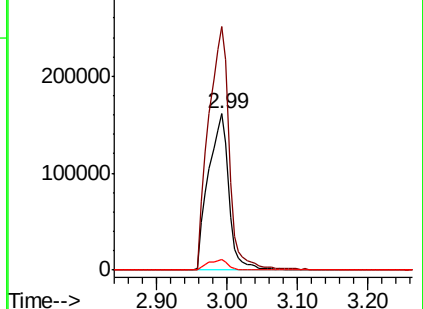
44 6.6 5.8 8.8

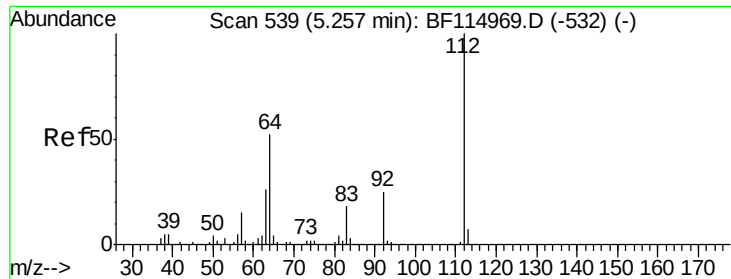


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 121.574 ng

RT: 5.27 min Scan# 542

Delta R.T. 0.02 min

Lab File: BF115032.D

Acq: 14 Jun 2019 11:51

Instrument :

BNA_F

ClientSampleId :

PB120556BS

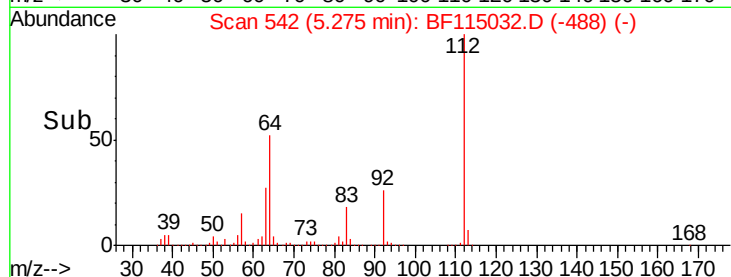
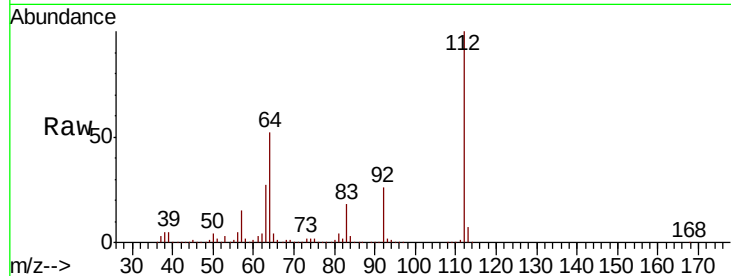
Tot Ion:112 Resp: 2118811

Ion Ratio Lower Upper

112 100

64 52.0 41.6 62.4

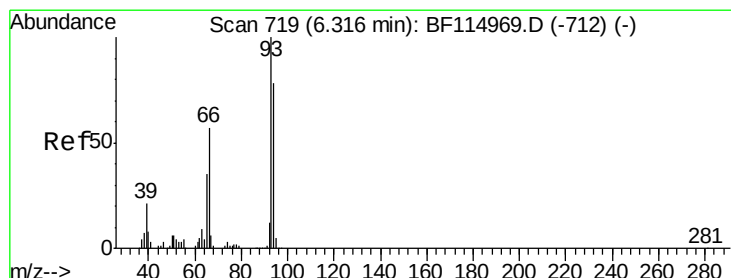
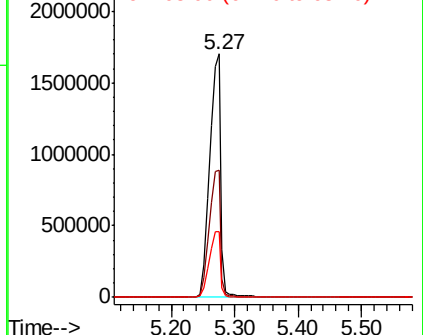
63 26.9 20.9 31.3



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: 20.871 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.00 min

Lab File: BF115032.D

Acq: 14 Jun 2019 11:51

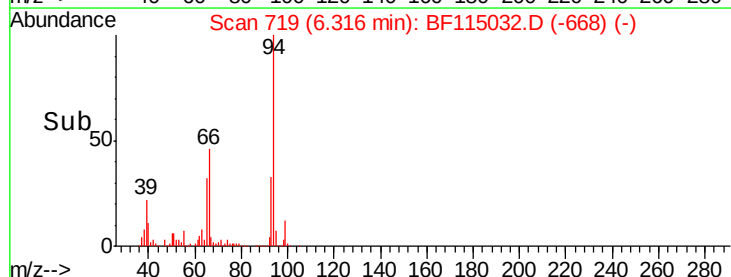
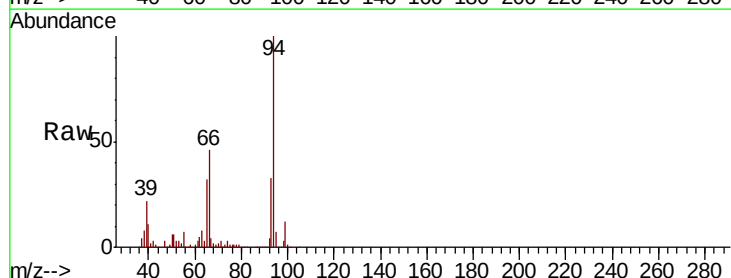
Tgt Ion: 93 Resp: 587603

Ion Ratio Lower Upper

93 100

66 138.9 46.2 69.2#

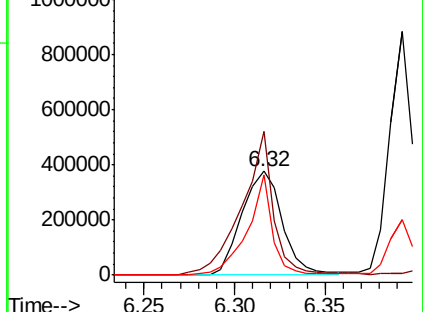
65 96.5 27.7 41.5#

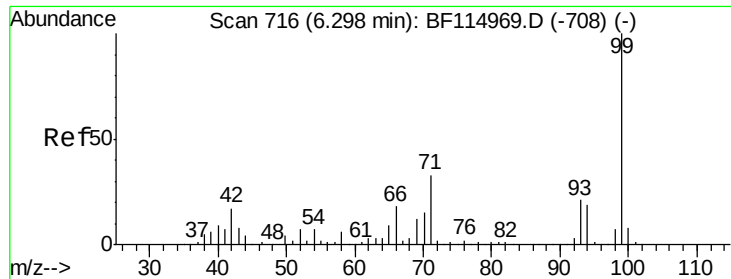


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 126.716 ng

RT: 6.30 min Scan# 717

Delta R.T. 0.01 min

Lab File: BF115032.D

Acq: 14 Jun 2019 11:51

Instrument :

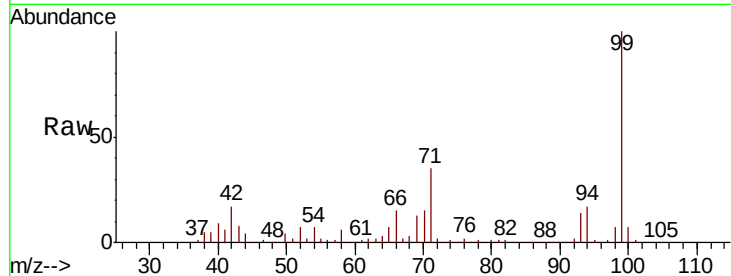
BNA_F

ClientSampleId :

PB120556BS

Tot Ion: 99 Resp: 2663997

Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.4	20.2
71	34.8	26.4	39.6

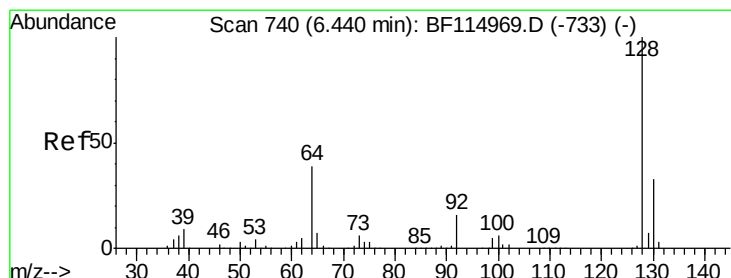
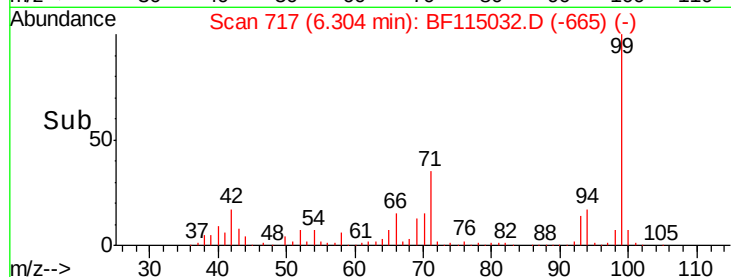
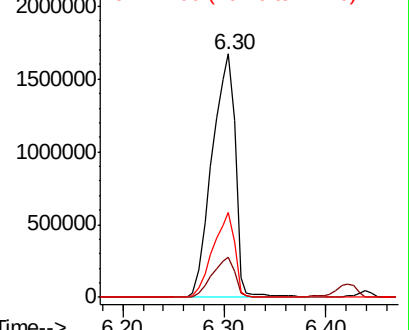


Abundance

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: 42.114 ng

RT: 6.44 min Scan# 740

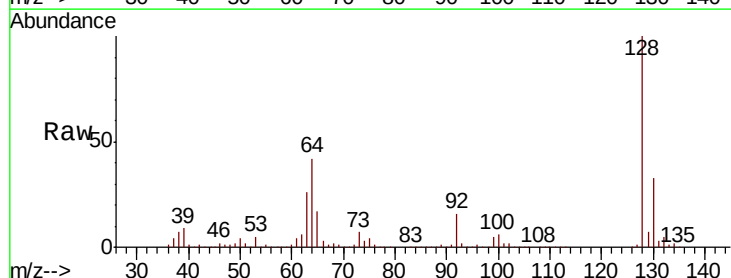
Delta R.T. -0.00 min

Lab File: BF115032.D

Acq: 14 Jun 2019 11:51

Tgt Ion: 128 Resp: 832263

Ion	Ratio	Lower	Upper
128	100		
130	33.3	13.4	53.4
64	42.4	20.1	60.1

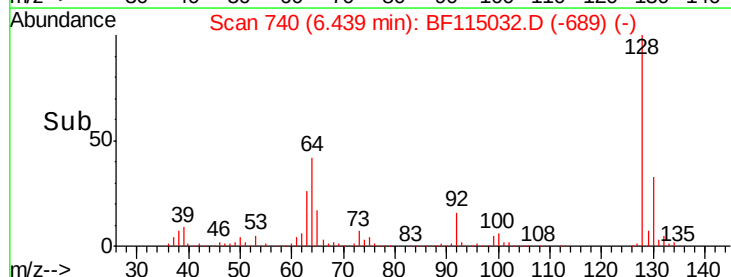
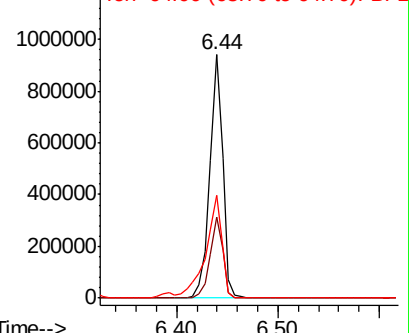


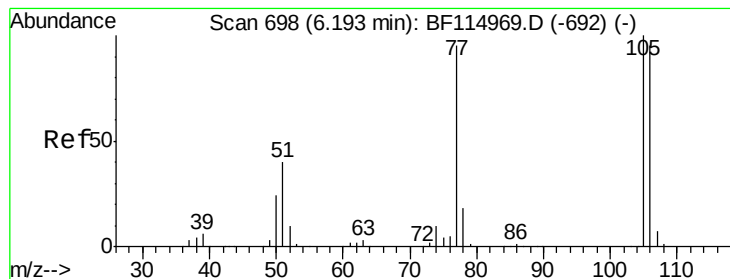
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 15.102 ng

RT: 6.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF115032.D

Acq: 14 Jun 2019 11:51

Instrument :

BNA_F

ClientSampleId :

PB120556BS

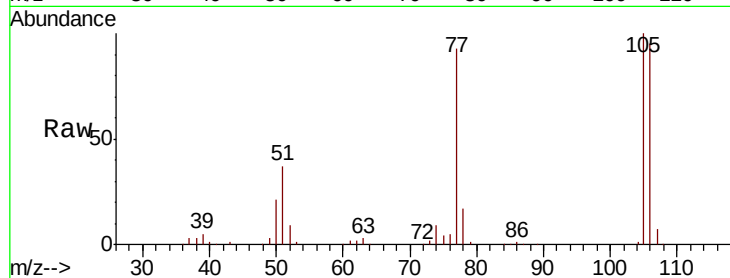
Tot Ion: 77 Resp: 236583

Ion Ratio Lower Upper

77 100

105 108.1 85.1 125.1

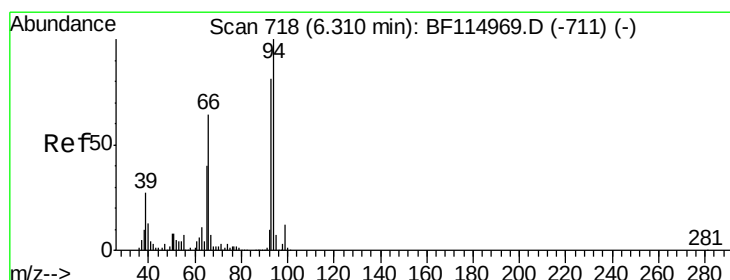
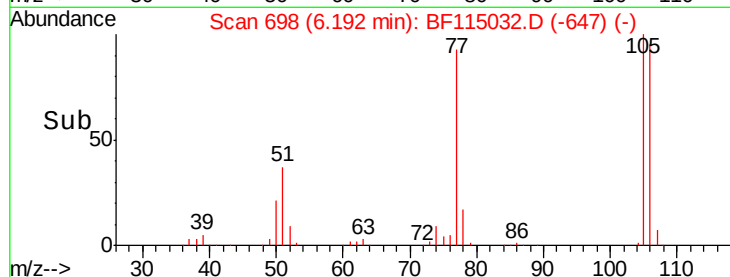
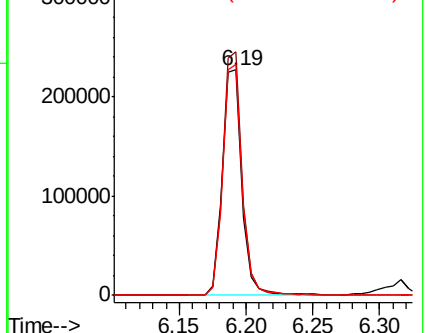
106 102.4 80.0 120.0



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.936 ng

RT: 6.32 min Scan# 719

Delta R.T. 0.01 min

Lab File: BF115032.D

Acq: 14 Jun 2019 11:51

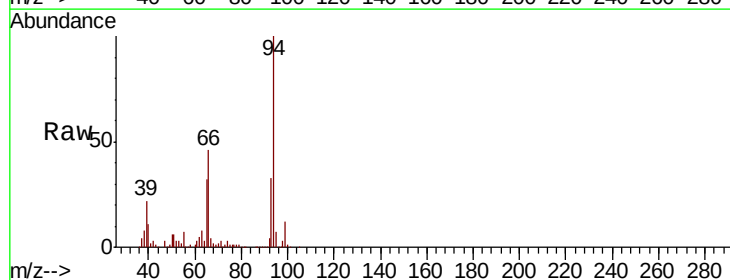
Tgt Ion: 94 Resp: 939358

Ion Ratio Lower Upper

94 100

65 31.9 20.0 60.0

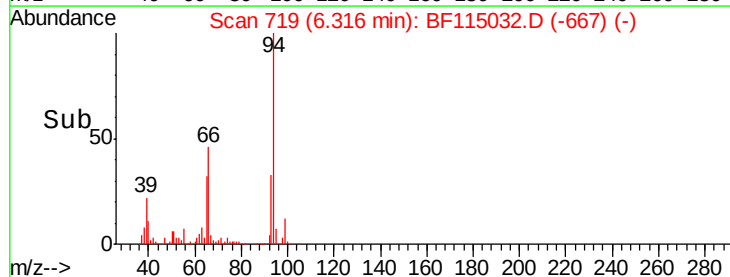
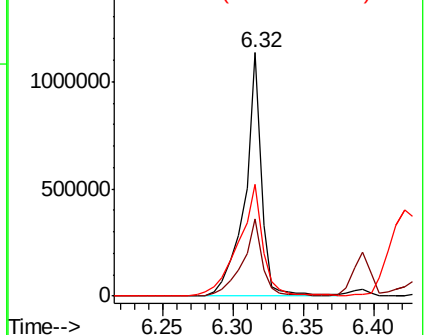
66 46.0 44.1 84.1

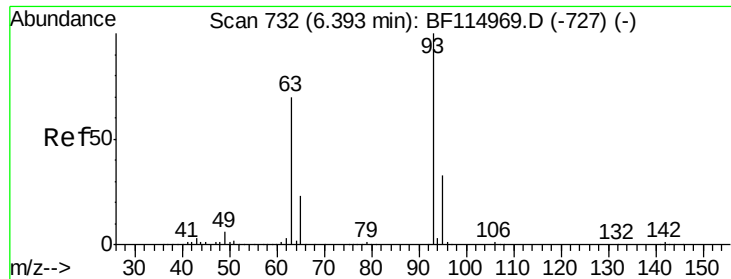


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

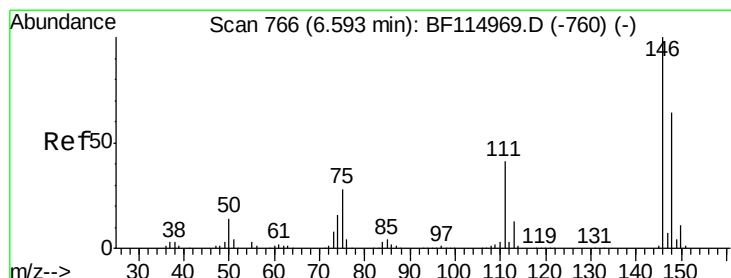
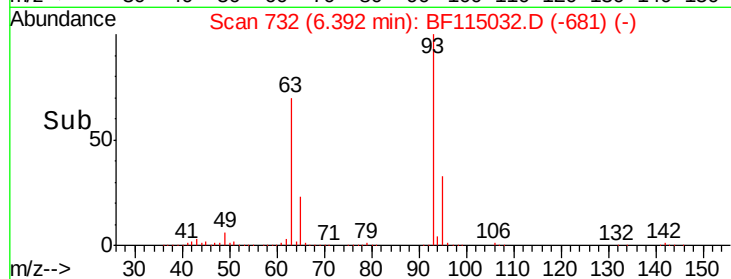
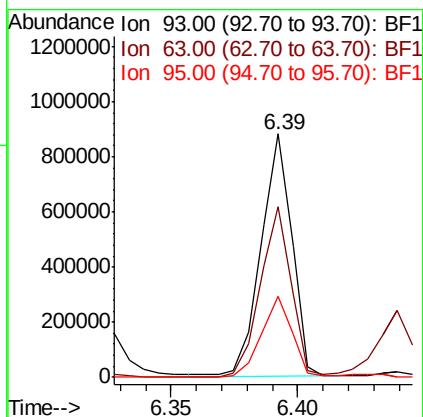
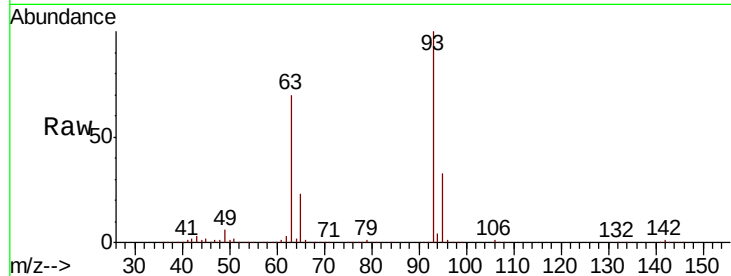




#11
bis(2-Chloroethyl)ether
Concen: 41.384 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF115032.D
Acq: 14 Jun 2019 11:51

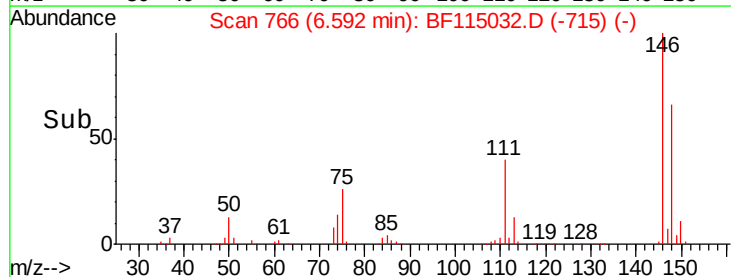
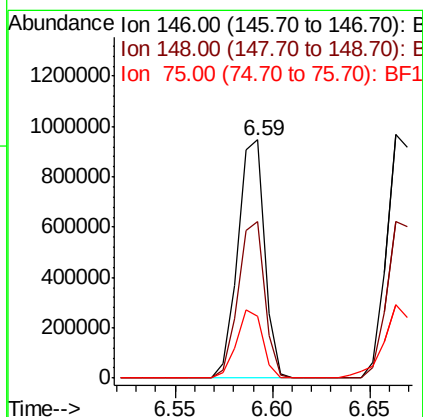
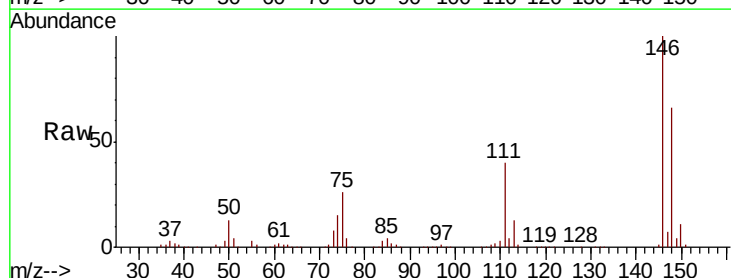
Instrument :
BNA_F
ClientSampleId :
PB120556BS

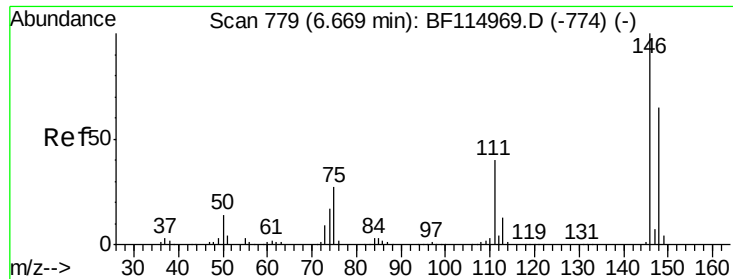
Tot Ion:	93	Resp:	755519
Ion	Ratio	Lower	Upper
93	100		
63	70.3	49.8	89.8
95	33.4	13.3	53.3



#12
1,3-Dichlorobenzene
Concen: 39.202 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.00 min
Lab File: BF115032.D
Acq: 14 Jun 2019 11:51

Tgt Ion:	146	Resp:	904878
Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.6	77.4
75	25.9	22.3	33.5

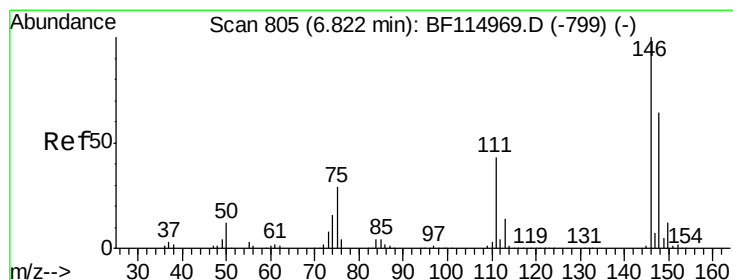
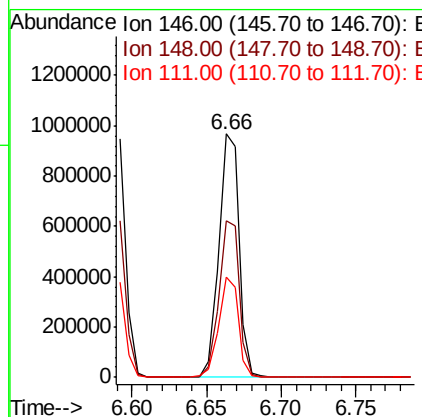
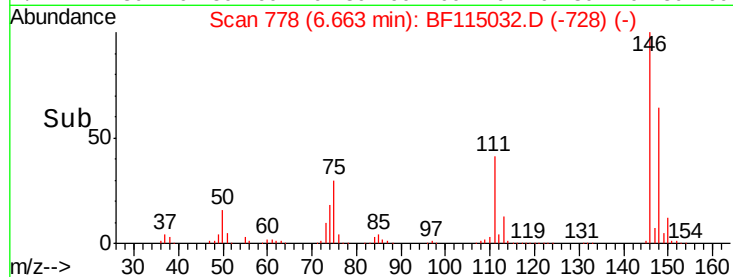
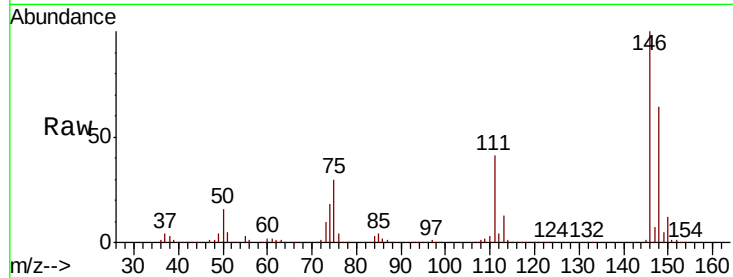




#13
 1,4-Dichlorobenzene
 Concen: 39.704 ng
 RT: 6.66 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BF115032.D
 Acq: 14 Jun 2019 11:51

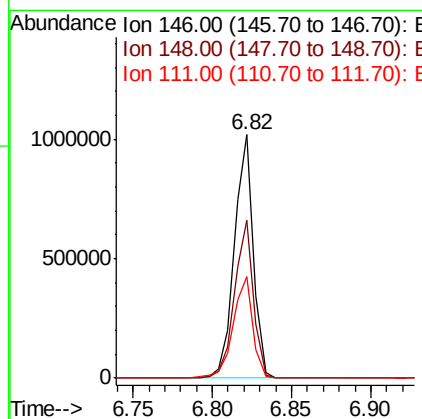
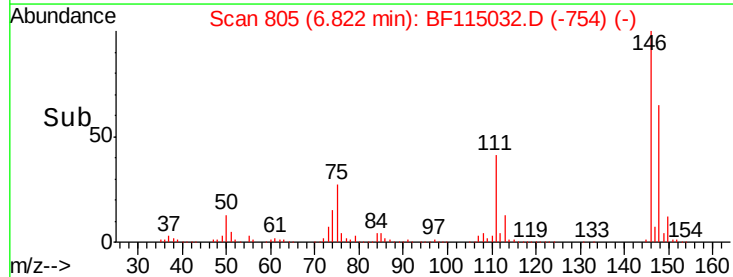
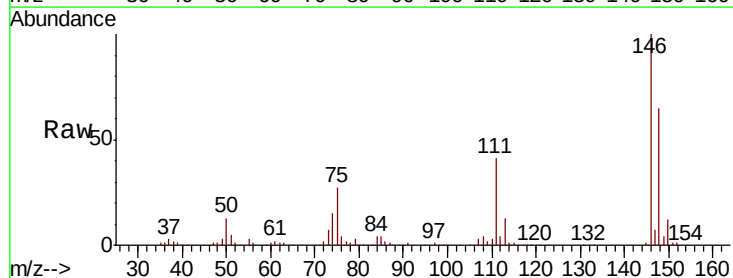
Instrument :
 BNA_F
 ClientSampleId :
 PB120556BS

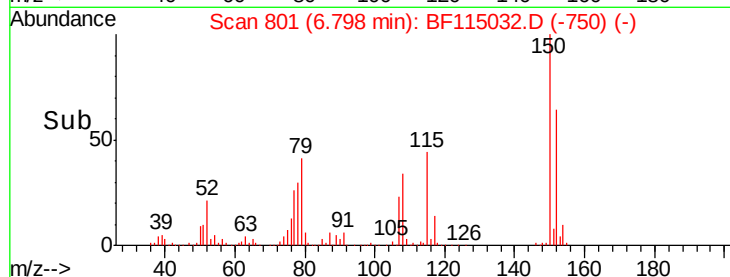
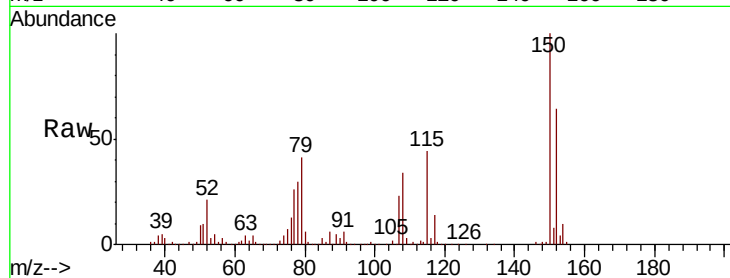
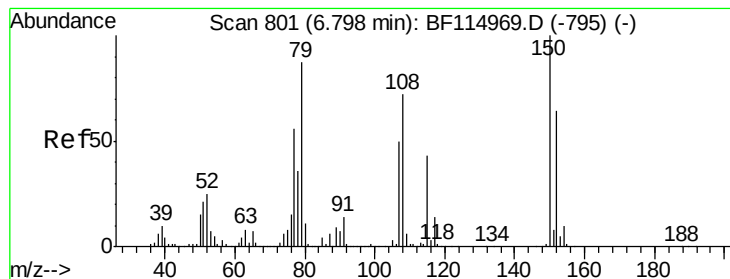
Tot Ion:146 Resp: 921384
 Ion Ratio Lower Upper
 146 100
 148 64.3 52.2 78.2
 111 41.1 32.4 48.6



#14
 1,2-Dichlorobenzene
 Concen: 38.562 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF115032.D
 Acq: 14 Jun 2019 11:51

Tgt Ion:146 Resp: 842482
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.5 77.3
 111 41.5 34.6 51.8





#15

Benzyl Alcohol

Concen: 34.208 ng

RT: 6.80 min Scan# 801

Delta R.T. -0.00 min

Lab File: BF115032.D

Acq: 14 Jun 2019 11:51

Instrument :

BNA_F

ClientSampleID :

PB120556BS

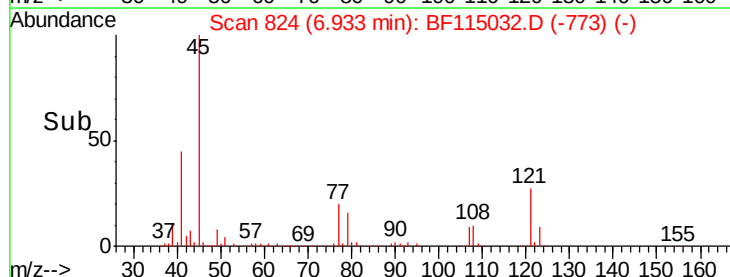
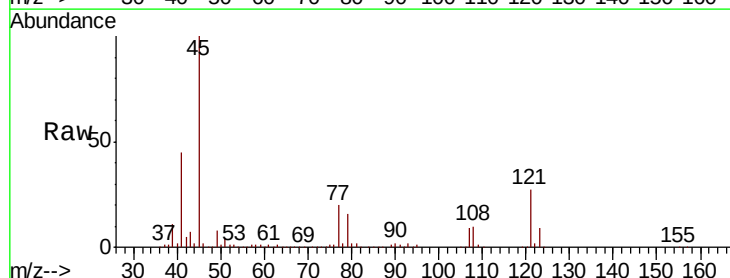
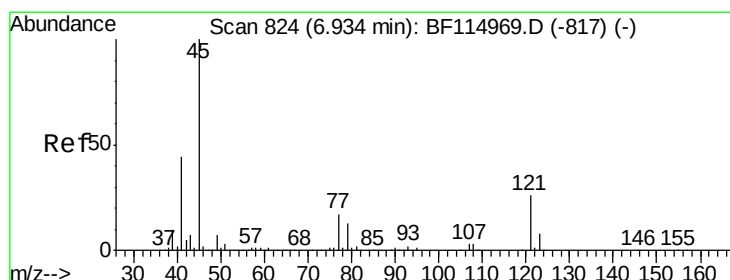
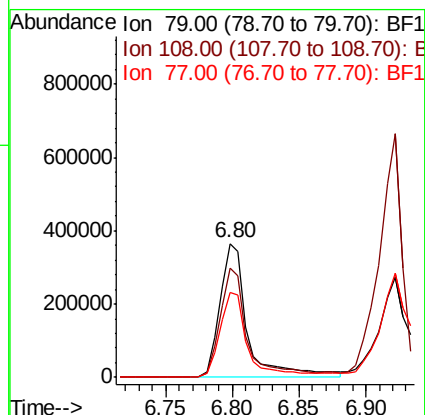
Tot Ion: 79 Resp: 538818

Ion Ratio Lower Upper

79 100

108 81.8 66.0 99.0

77 63.8 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.526 ng

RT: 6.93 min Scan# 824

Delta R.T. -0.00 min

Lab File: BF115032.D

Acq: 14 Jun 2019 11:51

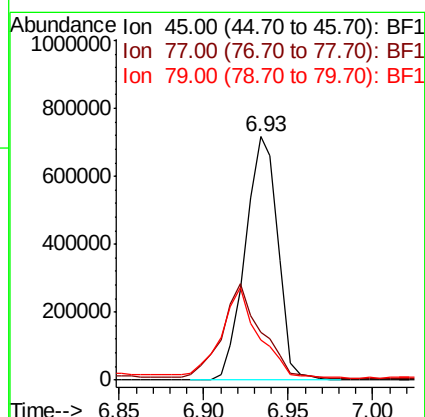
Tgt Ion: 45 Resp: 965806

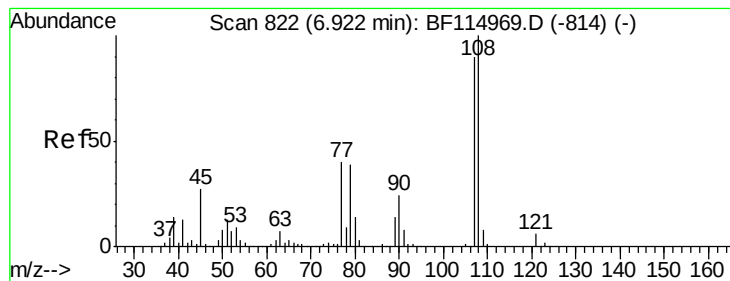
Ion Ratio Lower Upper

45 100

77 19.8 0.0 37.0

79 16.3 0.0 33.1

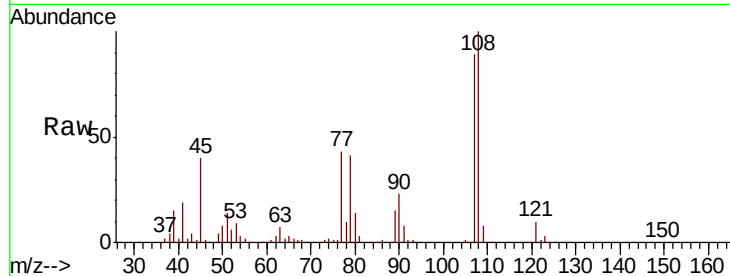




#17
2-Methylphenol
Concen: 44.828 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF115032.D
Acq: 14 Jun 2019 11:51

Instrument :
BNA_F
ClientSampleId :
PB120556BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.1	89.3	133.9
77	48.1	35.4	53.2
79	45.9	34.9	52.3



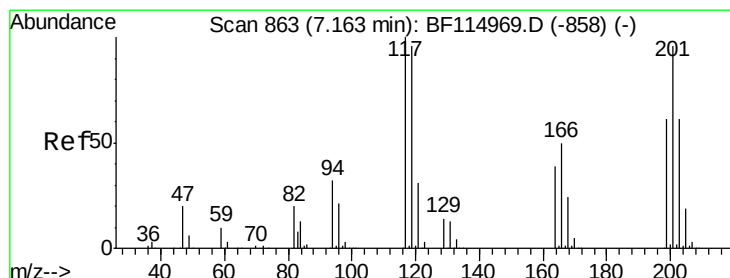
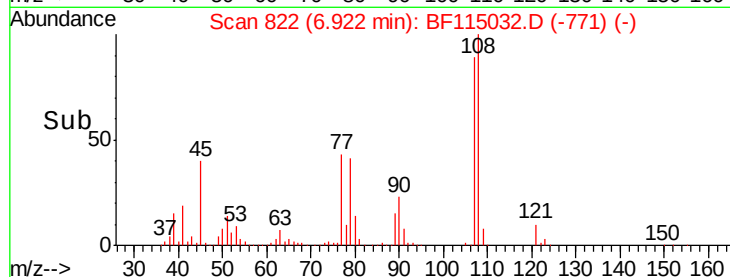
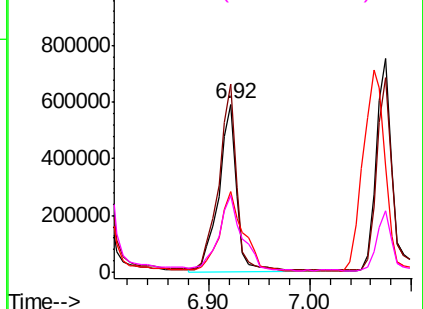
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

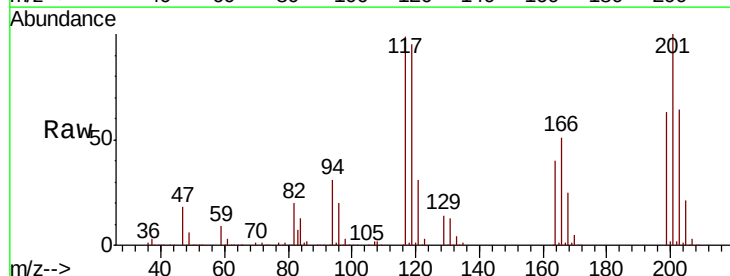
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 39.517 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF115032.D
Acq: 14 Jun 2019 11:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	77.0	115.4
201	100.7	76.6	115.0

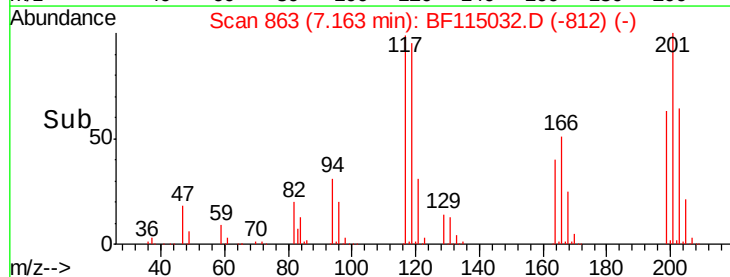
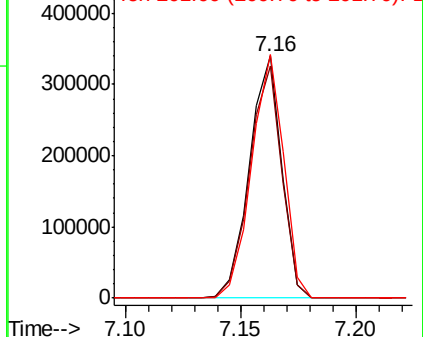


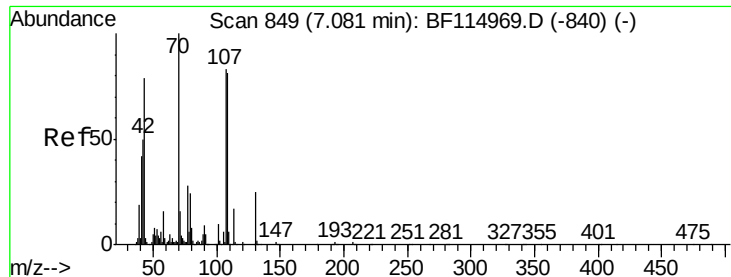
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

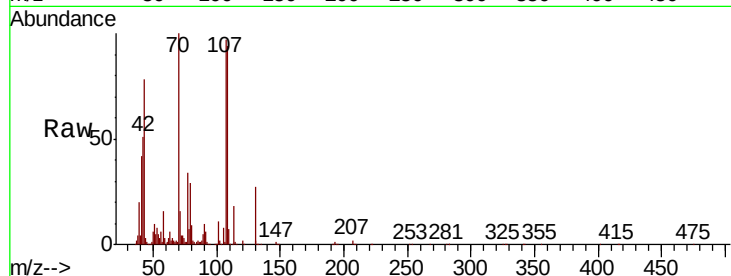




#19
n-Nitroso-di-n-propylamine
Concen: 41.624 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF115032.D
Acq: 14 Jun 2019 11:51

Instrument :
BNA_F
ClientSampleId :
PB120556BS

Tot Ion:	70	Resp:	531669
Ion	Ratio	Lower	Upper
70	100		
42	51.2	40.3	60.5
101	11.0	8.2	12.4
130	26.9	20.3	30.5



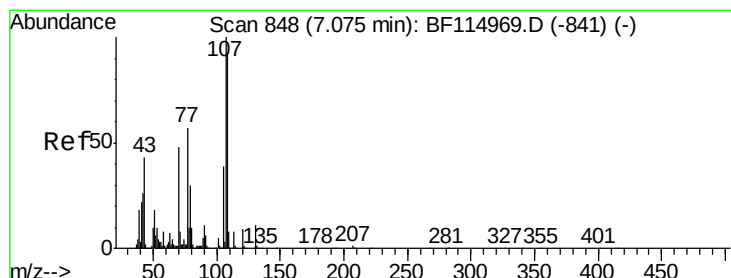
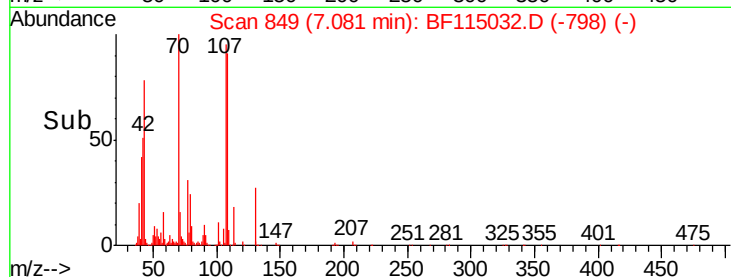
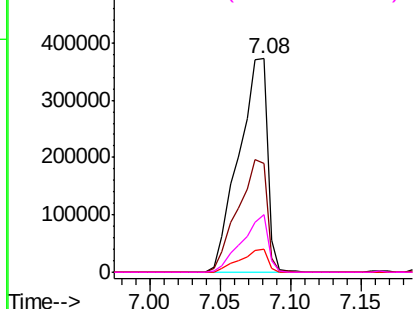
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

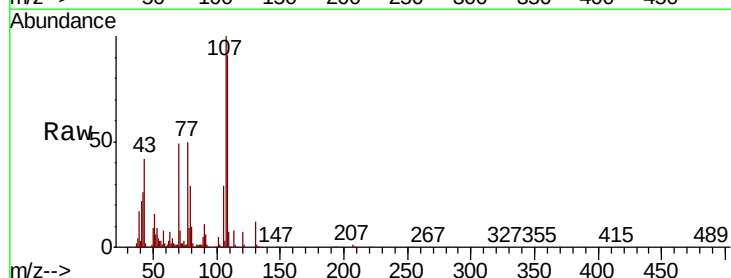
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 43.435 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.00 min
Lab File: BF115032.D
Acq: 14 Jun 2019 11:51

Tgt Ion:	107	Resp:	852097
Ion	Ratio	Lower	Upper
107	100		
108	91.0	73.1	113.1
77	49.9	37.3	77.3
79	28.7	9.6	49.6



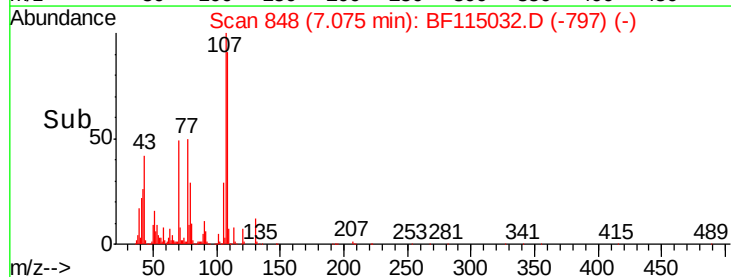
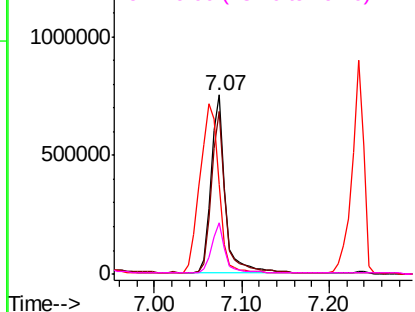
Abundance

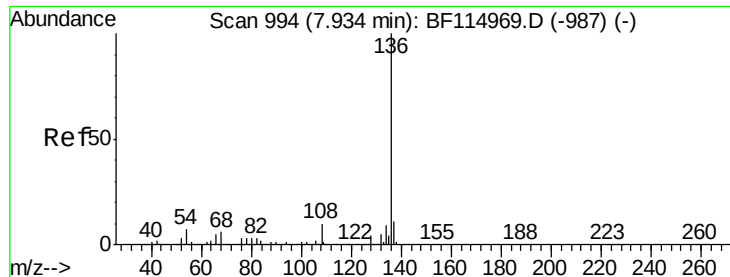
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

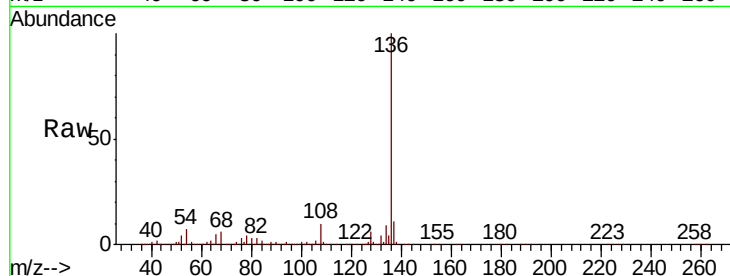




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF115032.D
Acq: 14 Jun 2019 11:51

Instrument :
BNA_F
ClientSampleId :
PB120556BS

Tot Ion:136	Resp: 1124575
Ion Ratio	Lower Upper
136 100	
137 11.2	9.0 13.4
54 6.9	5.4 8.0
68 5.9	4.6 7.0



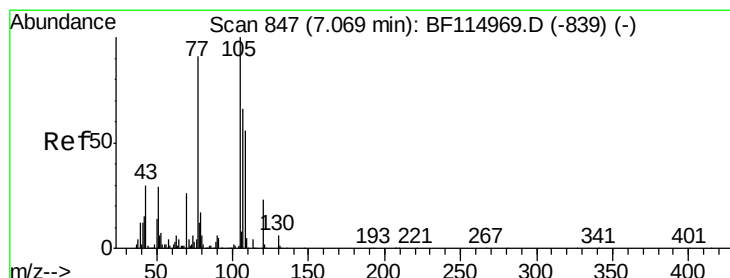
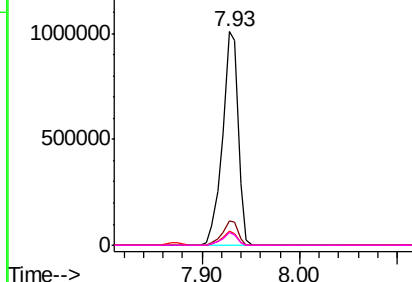
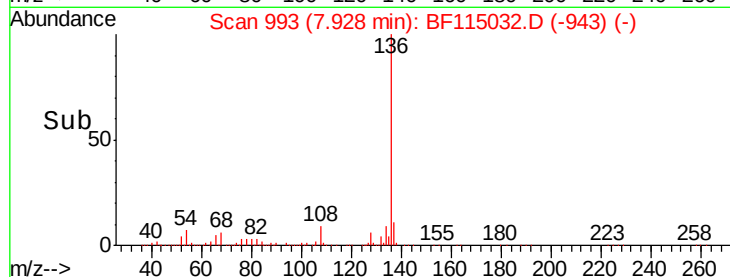
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

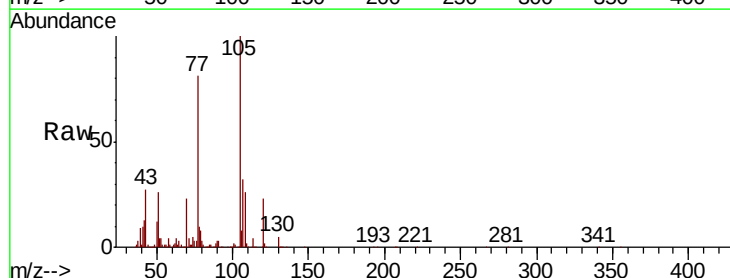
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 45.653 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF115032.D
Acq: 14 Jun 2019 11:51

Tgt	Ion:105	Resp:	1162177
Ion	Ratio	Lower	Upper
105	100		
71	3.8	3.4	5.2
51	25.6	23.3	34.9
120	23.0	18.8	28.2



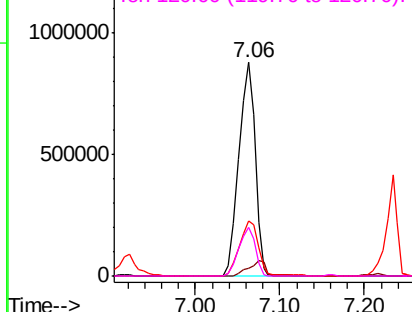
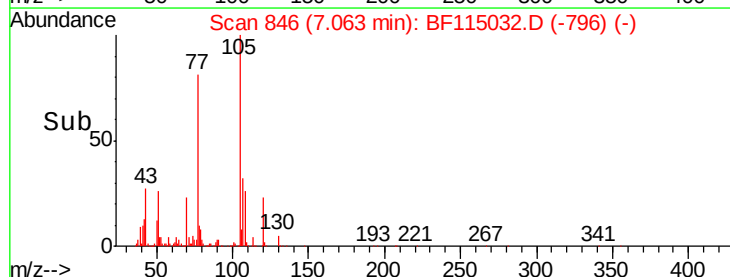
Abundance

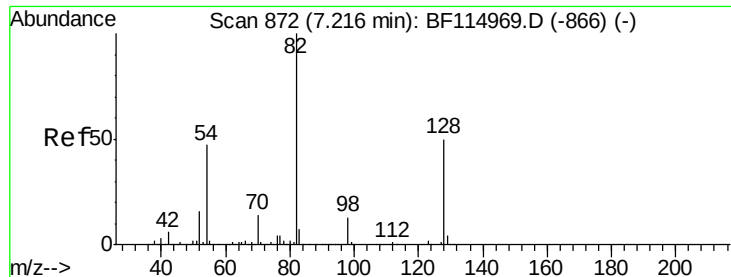
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

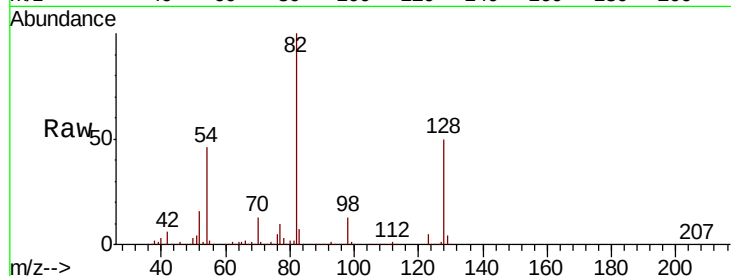




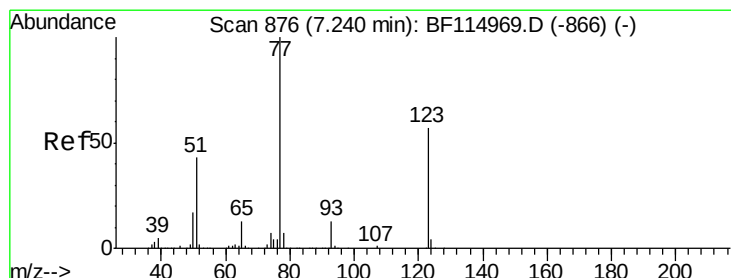
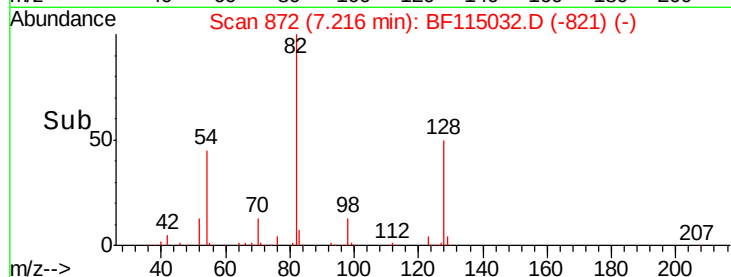
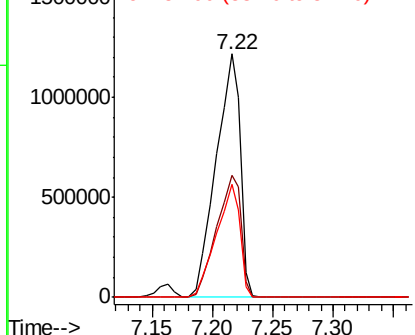
#23
 Nitrobenzene-d5
 Concen: 89.739 ng
 RT: 7.22 min Scan# 872
 Delta R.T. -0.00 min
 Lab File: BF115032.D
 Acq: 14 Jun 2019 11:51

Instrument :
 BNA_F
 ClientSampleId :
 PB120556BS

Tot Ion: 82 Resp: 1676598
 Ion Ratio Lower Upper
 82 100
 128 50.0 39.9 59.9
 54 46.5 37.3 55.9

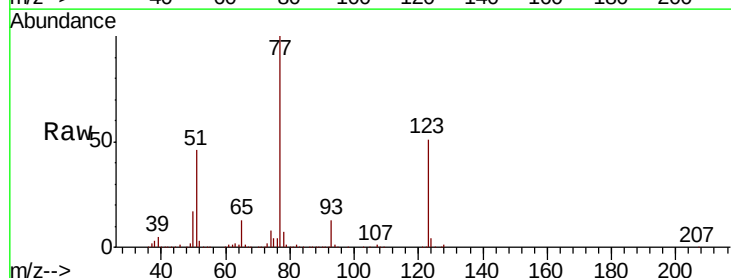


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

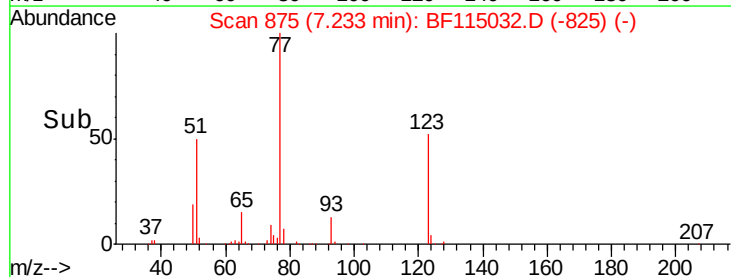
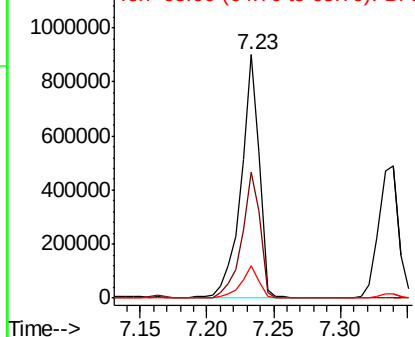


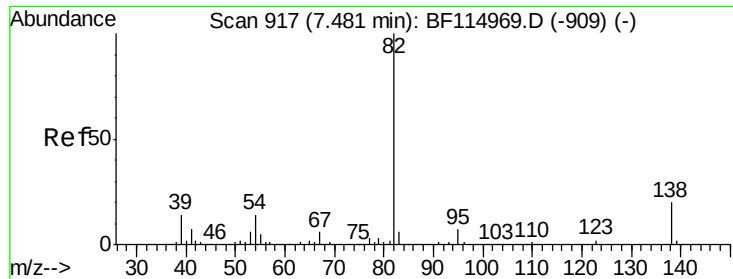
#24
 Nitrobenzene
 Concen: 44.295 ng
 RT: 7.23 min Scan# 875
 Delta R.T. -0.01 min
 Lab File: BF115032.D
 Acq: 14 Jun 2019 11:51

Tgt Ion: 77 Resp: 842010
 Ion Ratio Lower Upper
 77 100
 123 51.5 45.5 68.3
 65 13.2 10.3 15.5



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

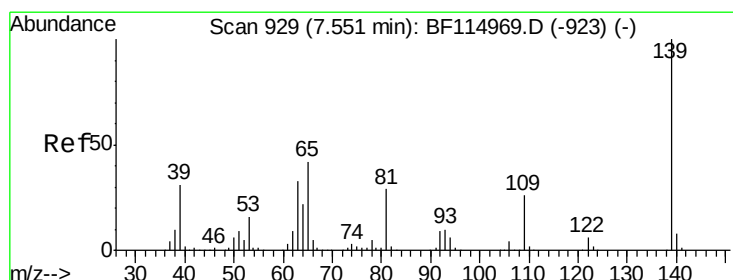
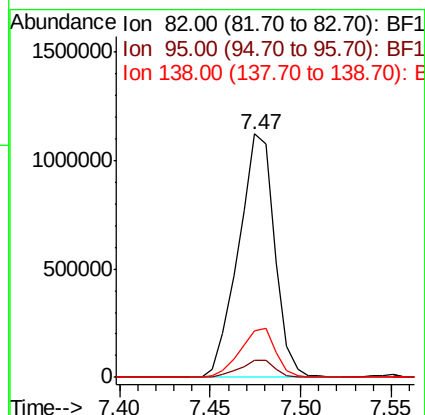
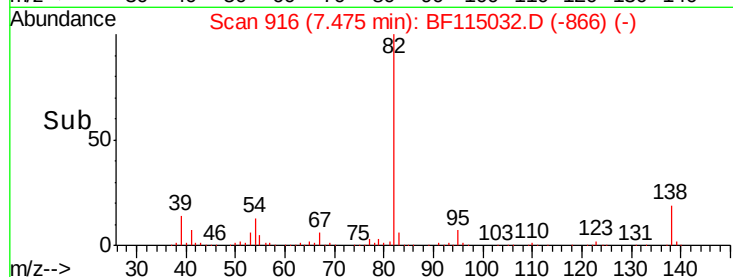
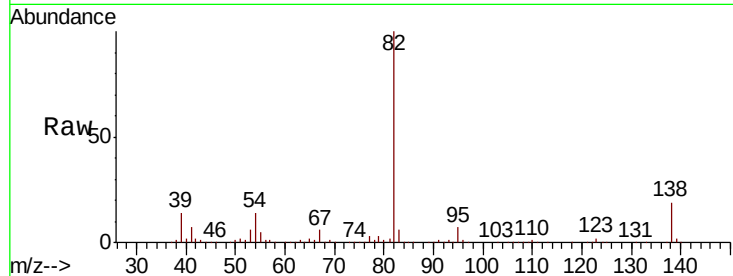




#25
Isophorone
Concen: 44.541 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF115032.D
Acq: 14 Jun 2019 11:51

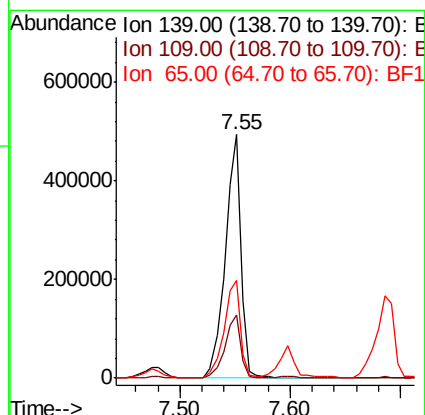
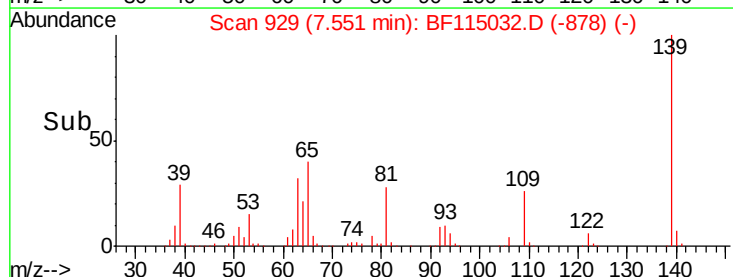
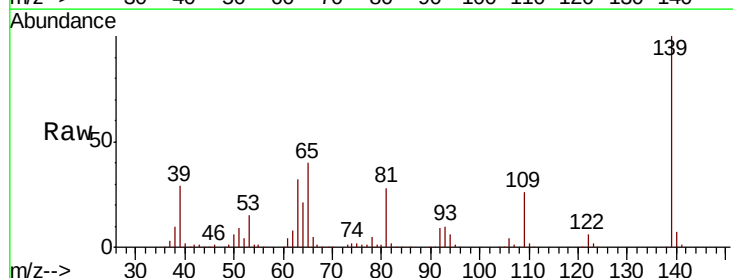
Instrument :
BNA_F
ClientSampleId :
PB120556BS

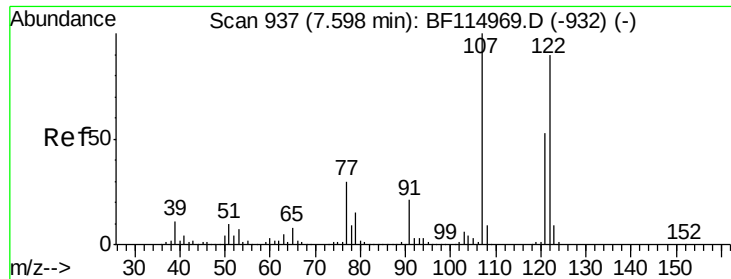
Tot Ion: 82 Resp: 1558569
Ion Ratio Lower Upper
82 100
95 6.9 5.6 8.4
138 19.3 16.1 24.1



#26
2-Nitrophenol
Concen: 46.146 ng
RT: 7.55 min Scan# 929
Delta R.T. -0.00 min
Lab File: BF115032.D
Acq: 14 Jun 2019 11:51

Tgt Ion: 139 Resp: 488936
Ion Ratio Lower Upper
139 100
109 25.9 20.8 31.2
65 40.1 33.4 50.2

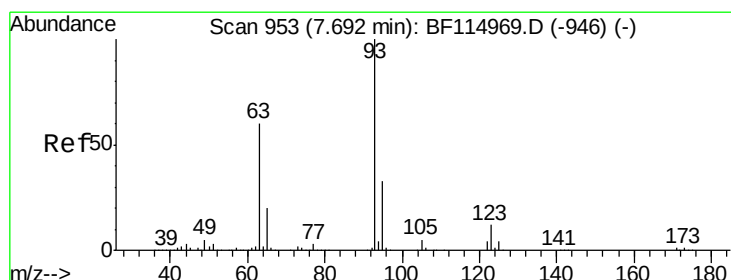
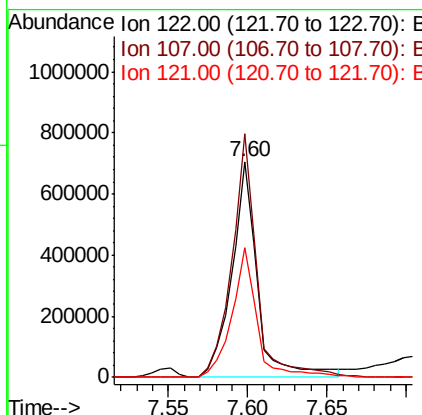
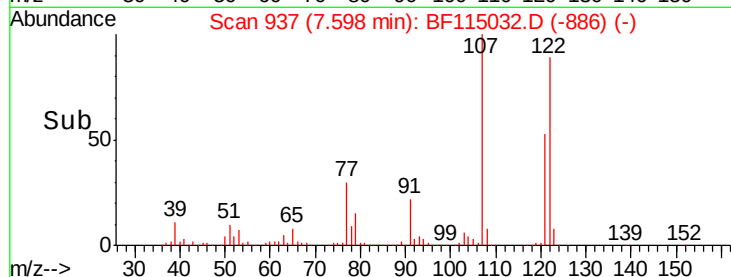
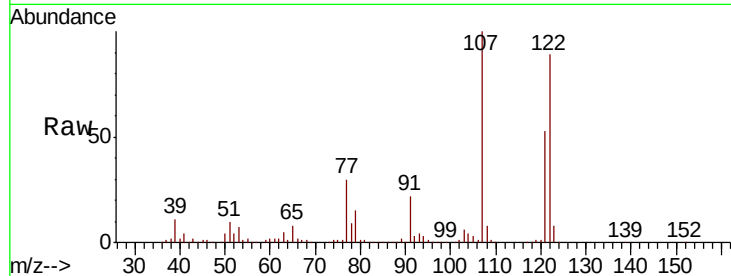




#27
2,4-Dimethylphenol
Concen: 51.614 ng
RT: 7.60 min Scan# 937
Delta R.T. -0.00 min
Lab File: BF115032.D
Acq: 14 Jun 2019 11:51

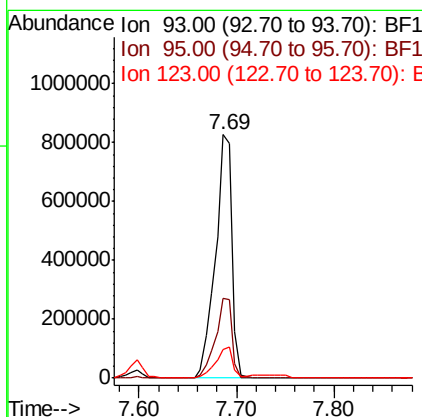
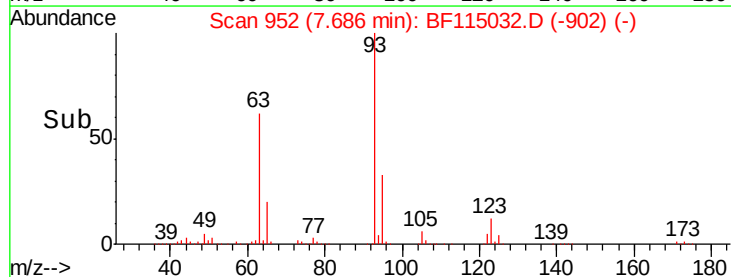
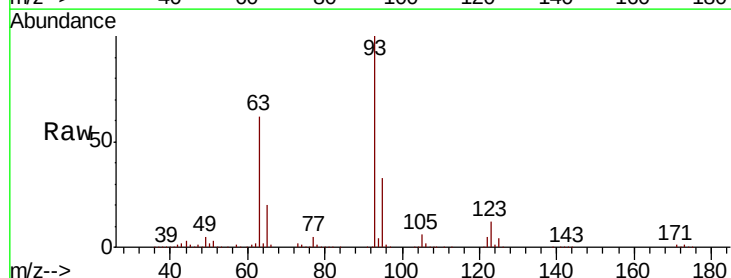
Instrument :
BNA_F
ClientSampleId :
PB120556BS

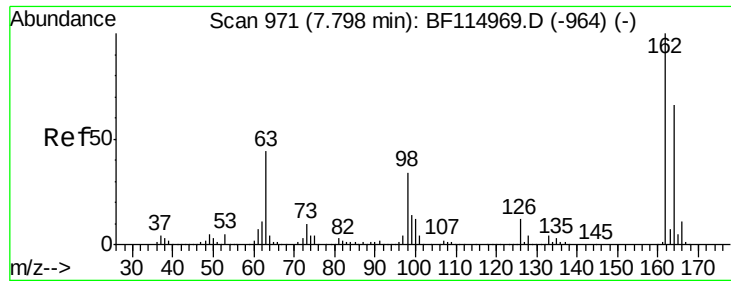
Tot Ion:122 Resp: 788920
Ion Ratio Lower Upper
122 100
107 112.7 88.8 133.2
121 60.1 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 43.325 ng
RT: 7.69 min Scan# 952
Delta R.T. -0.01 min
Lab File: BF115032.D
Acq: 14 Jun 2019 11:51

Tgt Ion: 93 Resp: 972651
Ion Ratio Lower Upper
93 100
95 32.8 26.6 40.0
123 11.9 9.9 14.9

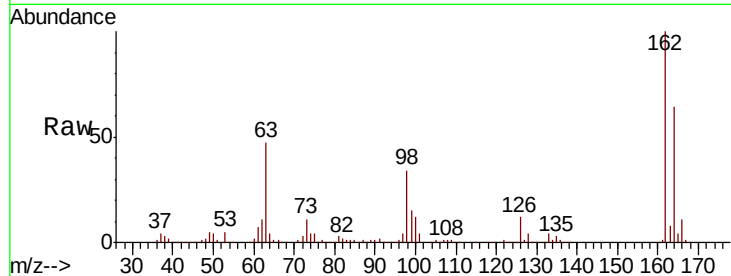




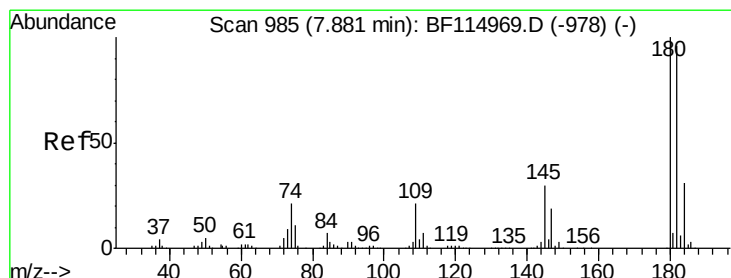
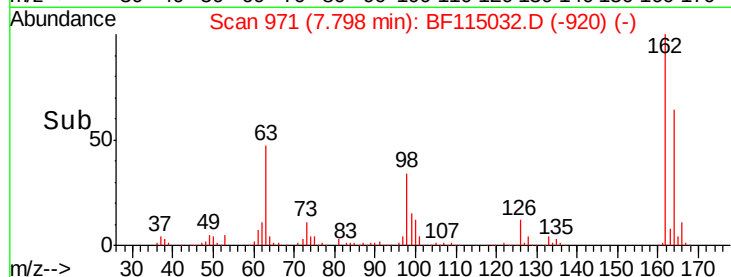
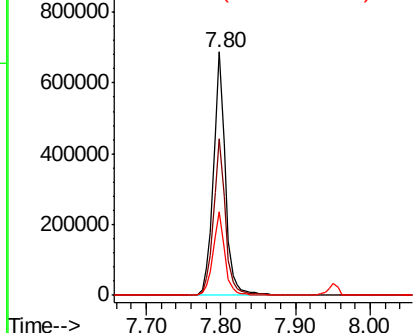
#29
2,4-Dichlorophenol
Concen: 47.009 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.00 min
Lab File: BF115032.D
Acq: 14 Jun 2019 11:51

Instrument :
BNA_F
ClientSampleId :
PB120556BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	45.7	85.7
98	34.3	14.0	54.0

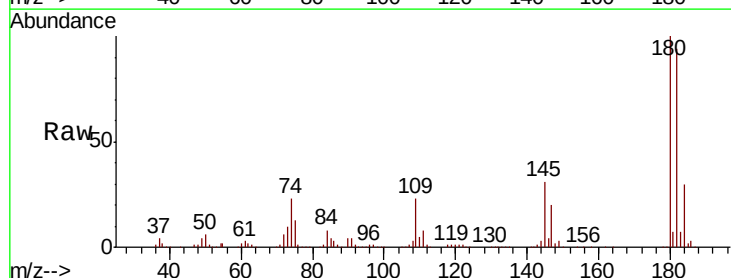


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

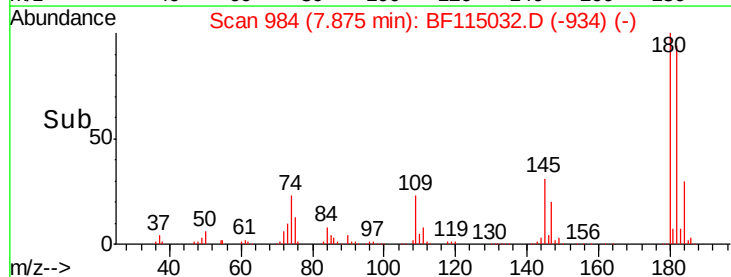
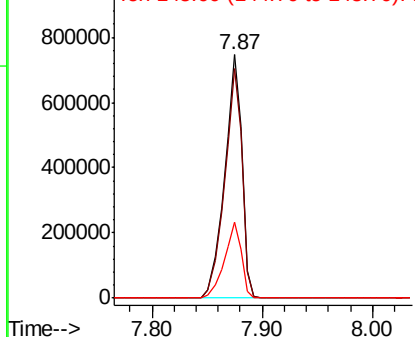


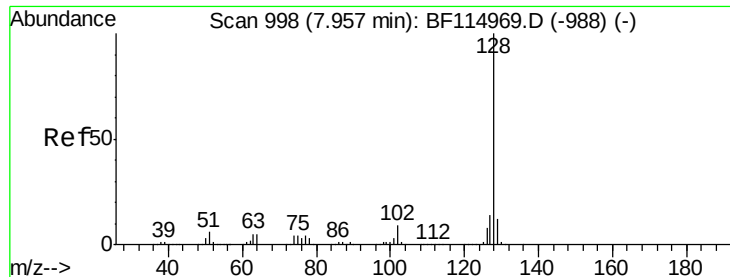
#30
1,2,4-Trichlorobenzene
Concen: 43.499 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF115032.D
Acq: 14 Jun 2019 11:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	76.7	115.1
145	31.3	24.1	36.1



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

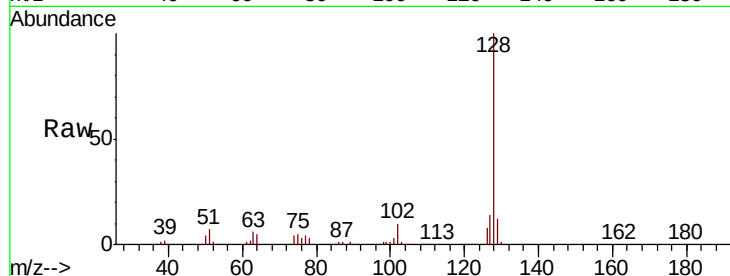




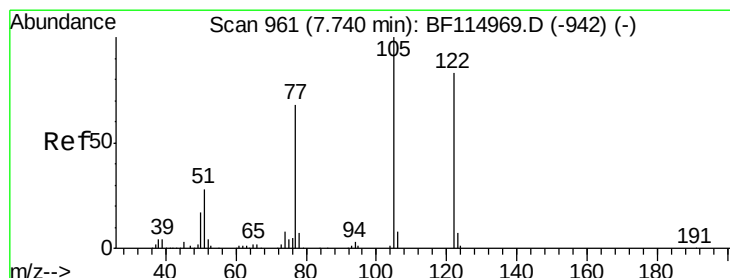
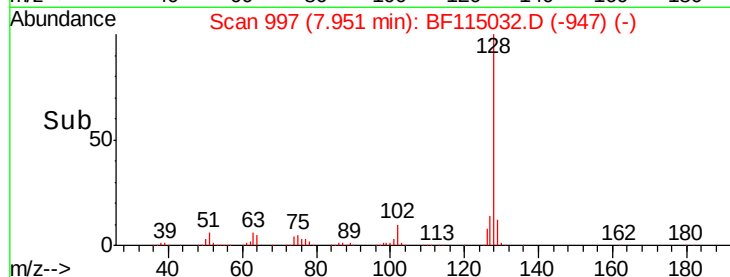
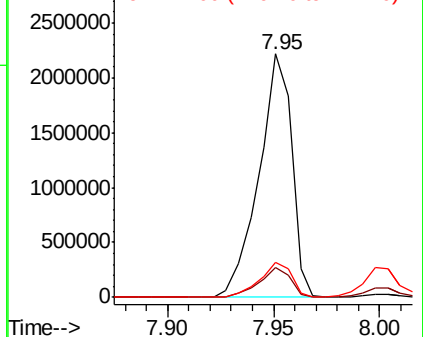
#31
Naphthalene
Concen: 45.219 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF115032.D
Acq: 14 Jun 2019 11:51

Instrument :
BNA_F
ClientSampleId :
PB120556BS

Tot Ion:128 Resp: 2406027
Ion Ratio Lower Upper
128 100
129 12.0 9.5 14.3
127 14.2 11.5 17.3

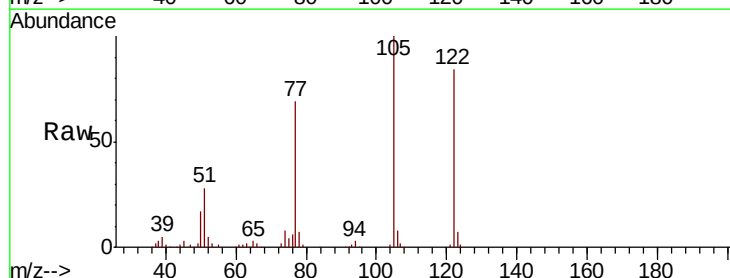


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

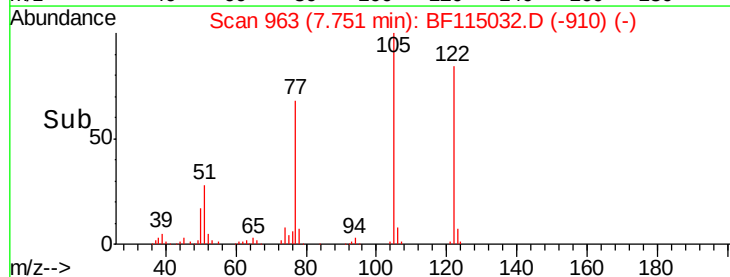
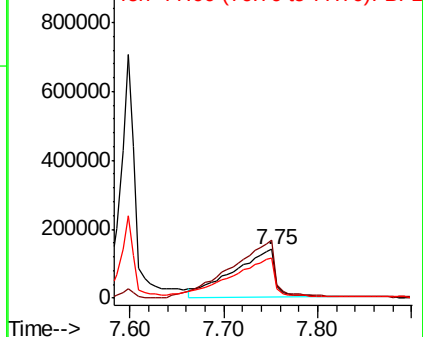


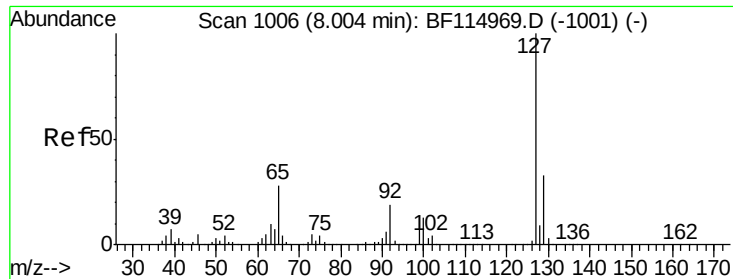
#32
Benzoic acid
Concen: 39.477 ng
RT: 7.75 min Scan# 963
Delta R.T. 0.01 min
Lab File: BF115032.D
Acq: 14 Jun 2019 11:51

Tgt Ion:122 Resp: 436583
Ion Ratio Lower Upper
122 100
105 119.4 98.6 138.6
77 82.7 60.9 100.9



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

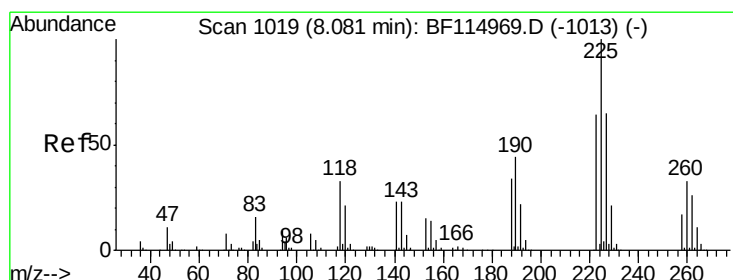
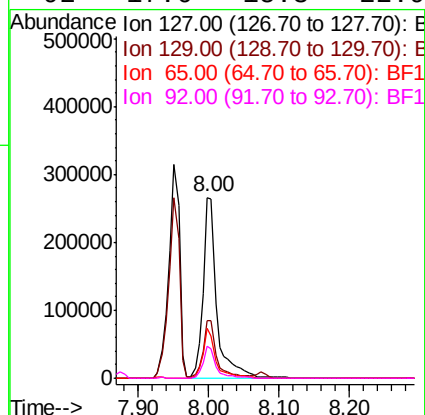
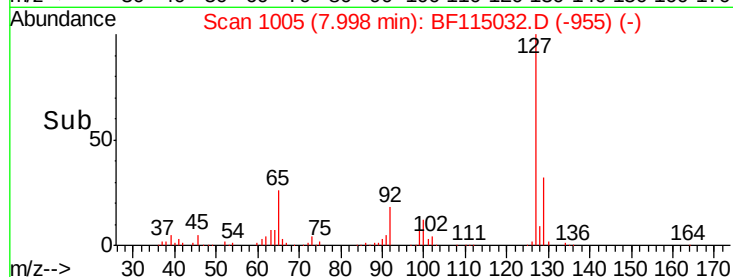
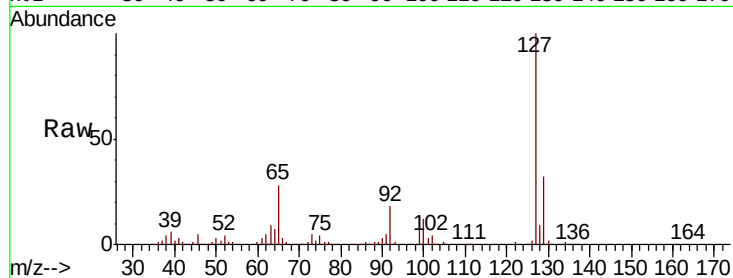




#33
4-Chloroaniline
Concen: 14.833 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF115032.D
Acq: 14 Jun 2019 11:51

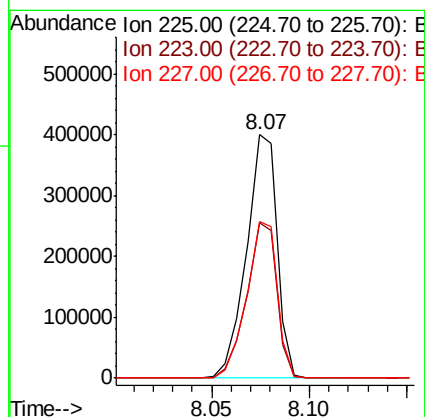
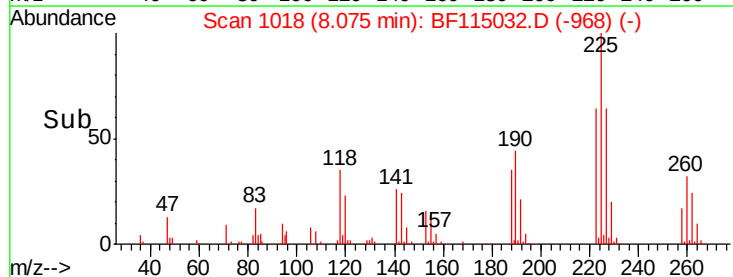
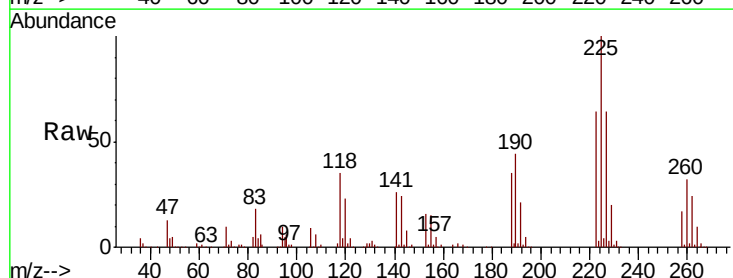
Instrument :
BNA_F
ClientSampleId :
PB120556BS

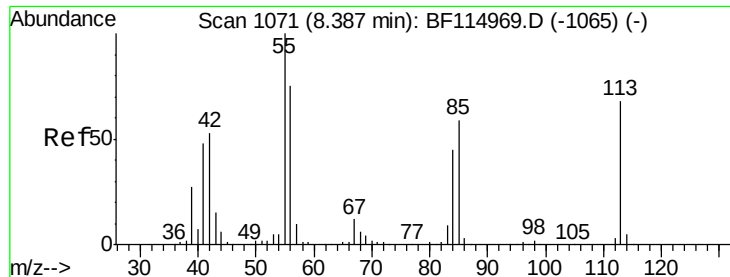
Tot Ion:	127	Resp:	364317
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.1	39.1
65	27.7	22.3	33.5
92	17.6	15.3	22.9



#34
Hexachlorobutadiene
Concen: 41.966 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF115032.D
Acq: 14 Jun 2019 11:51

Tgt Ion:	225	Resp:	435211
Ion	Ratio	Lower	Upper
225	100		
223	63.7	51.0	76.6
227	64.4	51.7	77.5

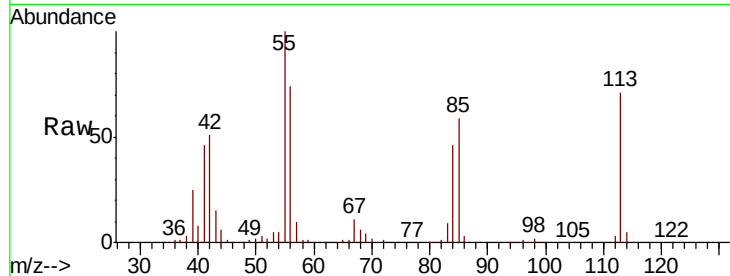




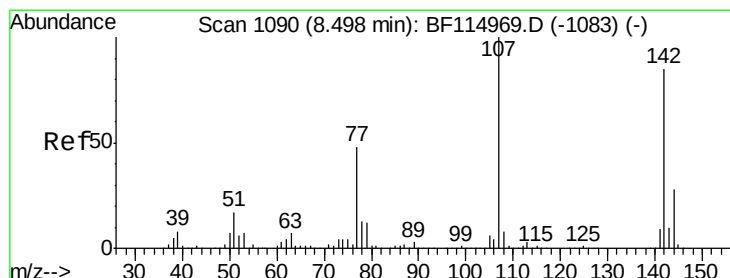
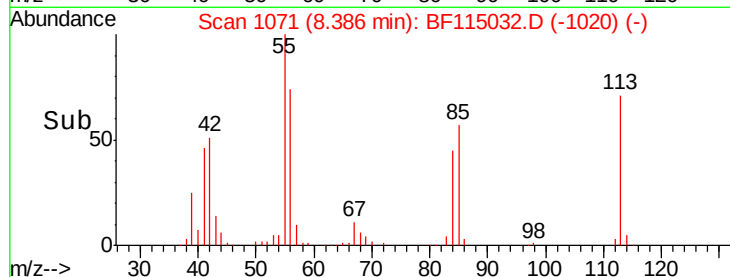
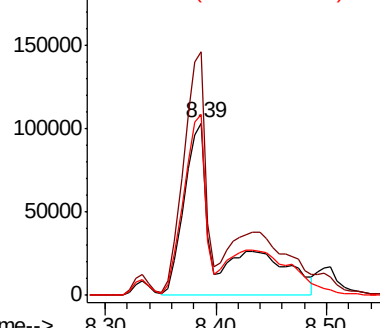
#35
Caprolactam
Concen: 45.114 ng/ml
RT: 8.39 min Scan# 1071
Delta R.T. -0.00 min
Lab File: BF115032.D
Acq: 14 Jun 2019 11:51

Instrument :
BNA_F
ClientSampleId :
PB120556BS

Tot Ion:113 Resp: 242625
Ion Ratio Lower Upper
113 100
55 141.2 127.3 167.3
56 105.1 90.6 130.6

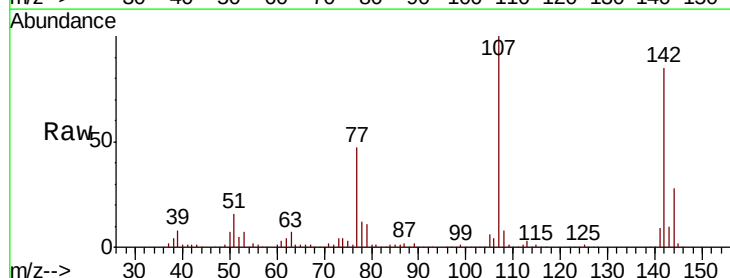


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

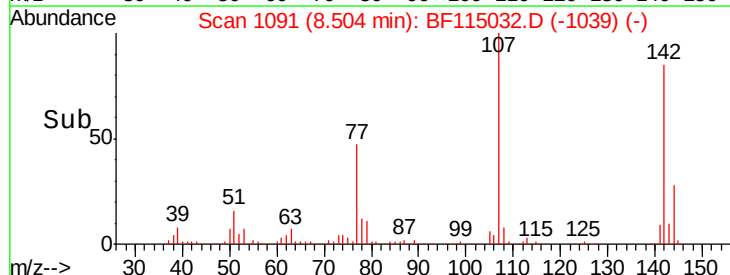
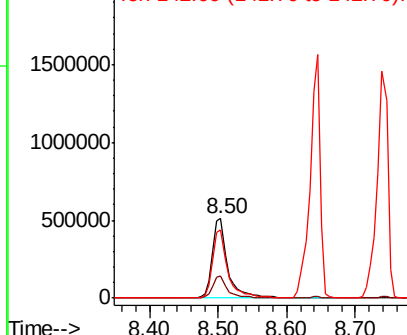


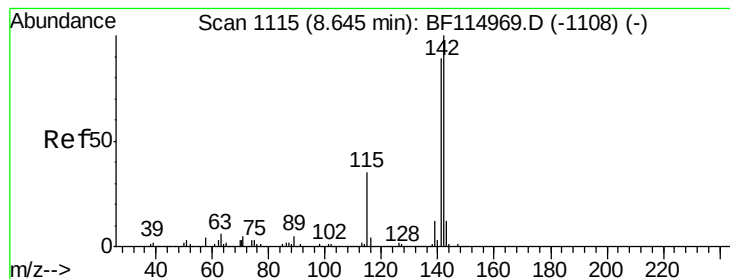
#36
4-Chloro-3-methylphenol
Concen: 48.745 ng/ml
RT: 8.50 min Scan# 1091
Delta R.T. 0.01 min
Lab File: BF115032.D
Acq: 14 Jun 2019 11:51

Tgt Ion:107 Resp: 793190
Ion Ratio Lower Upper
107 100
144 27.9 22.0 33.0
142 85.2 68.2 102.4



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





#37

2-Methylnaphthalene

Concen: 46.429 ng

RT: 8.65 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BF115032.D

Acq: 14 Jun 2019 11:51

Instrument :

BNA_F

ClientSampleId :

PB120556BS

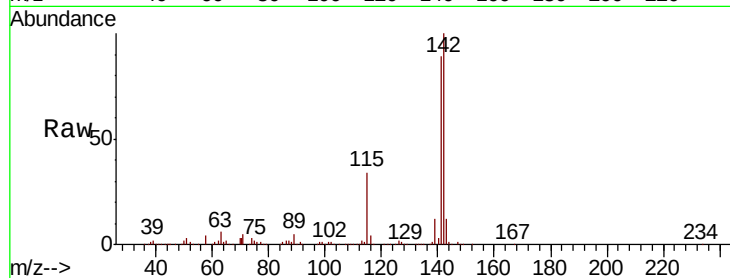
Tot Ion:142 Resp: 1647704

Ion Ratio Lower Upper

142 100

141 89.4 71.0 106.6

115 33.9 27.9 41.9

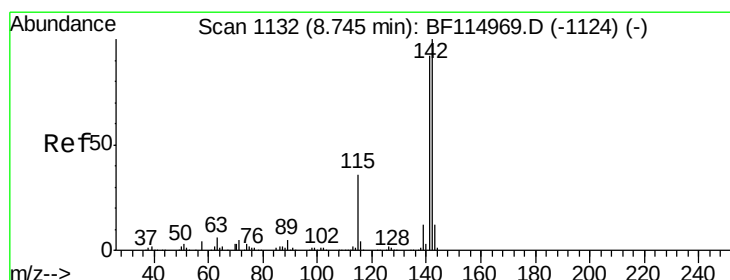
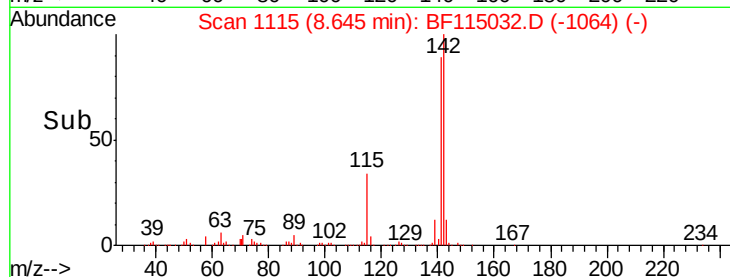
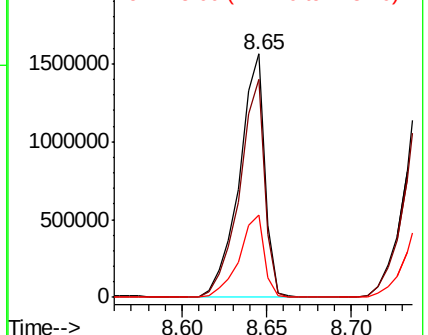


Abundance

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: 46.209 ng

RT: 8.74 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BF115032.D

Acq: 14 Jun 2019 11:51

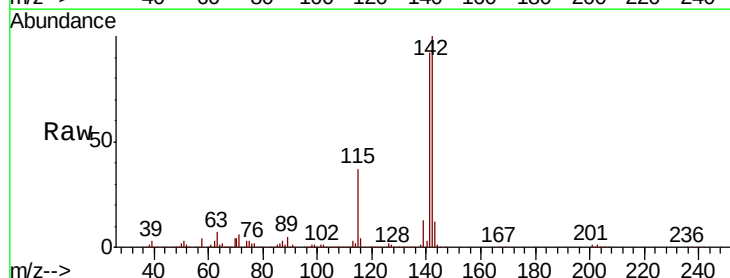
Tgt Ion:142 Resp: 1549924

Ion Ratio Lower Upper

142 100

141 92.1 73.8 110.8

116 3.9 2.9 4.3

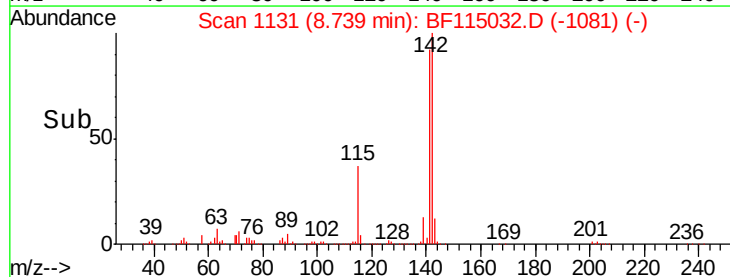
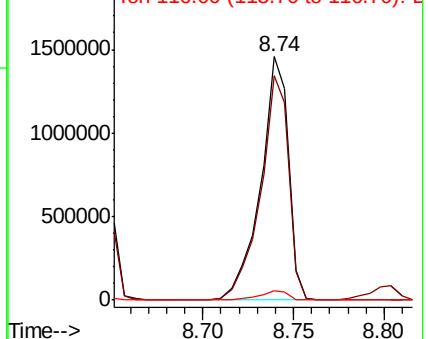


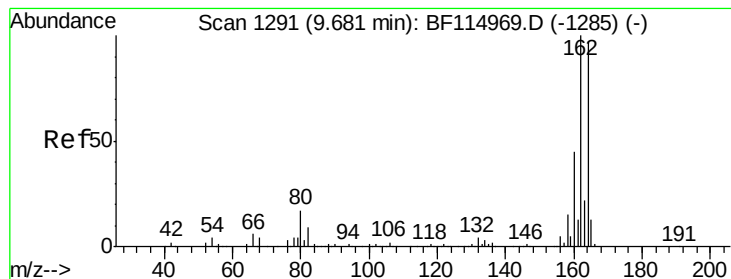
Abundance

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: 9.68 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BF115032.D

Acq: 14 Jun 2019 11:51

Instrument :

BNA_F

ClientSampleId :

PB120556BS

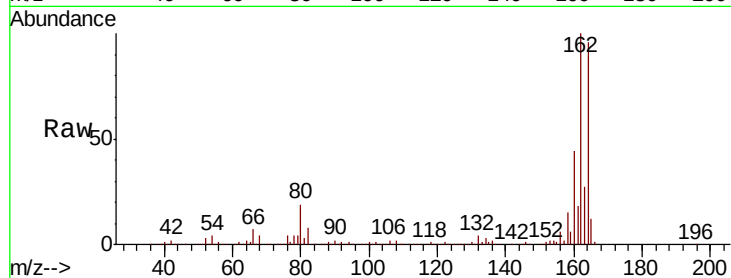
Tot Ion:164 Resp: 553317

Ion Ratio Lower Upper

164 100

162 104.2 82.6 124.0

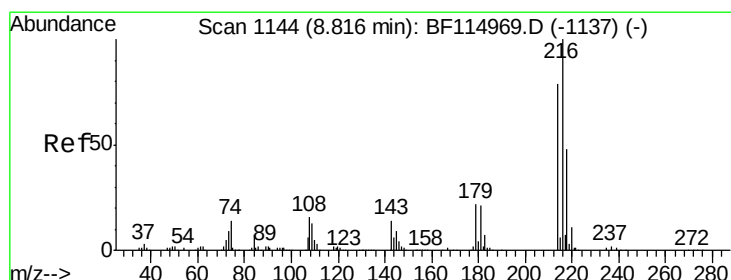
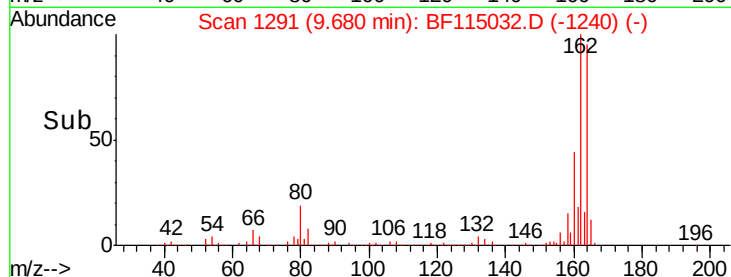
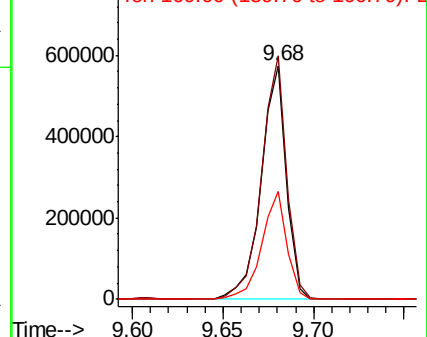
160 46.1 36.9 55.3



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: 42.452 ng

RT: 8.82 min Scan# 1144

Delta R.T. -0.00 min

Lab File: BF115032.D

Acq: 14 Jun 2019 11:51

Tgt Ion:216 Resp: 693964

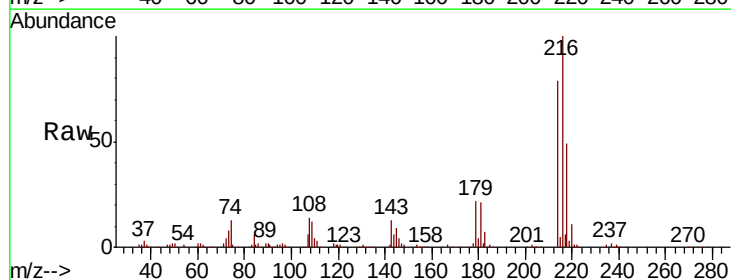
Ion Ratio Lower Upper

216 100

214 79.8 63.7 95.5

179 22.9 18.2 27.4

108 20.9 15.0 22.6

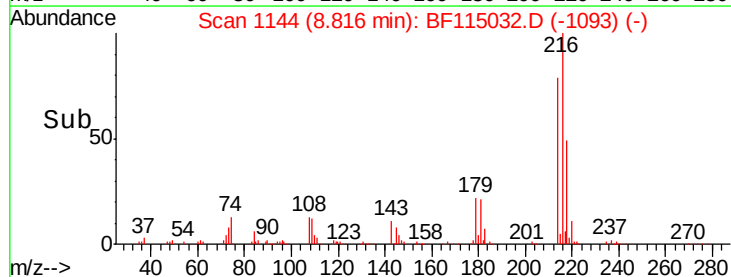
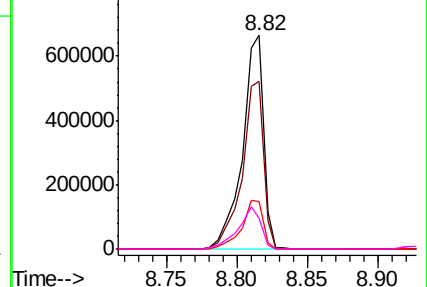


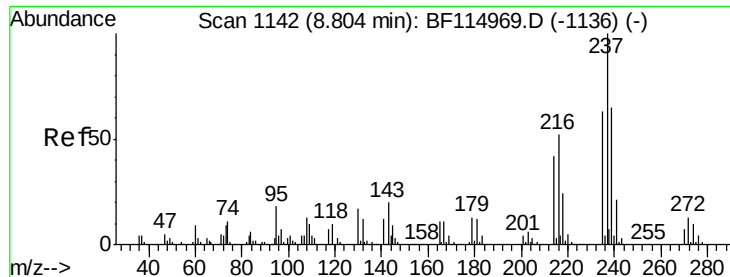
Abundance Ion 216.00 (215.70 to 216.70): E

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: 91.544 ng

RT: 8.80 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BF115032.D

Acq: 14 Jun 2019 11:51

Instrument :

BNA_F

ClientSampleId :

PB120556BS

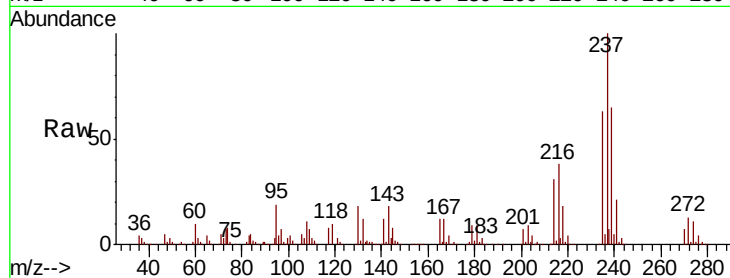
Tot Ion:237 Resp: 737402

Ion Ratio Lower Upper

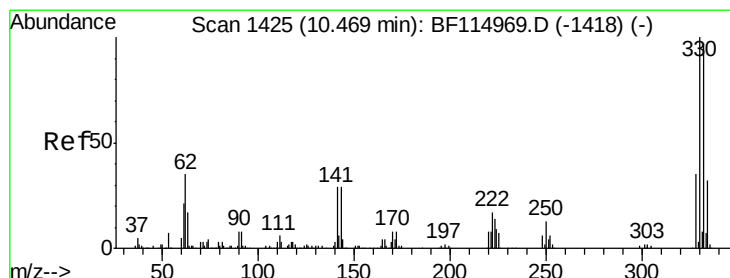
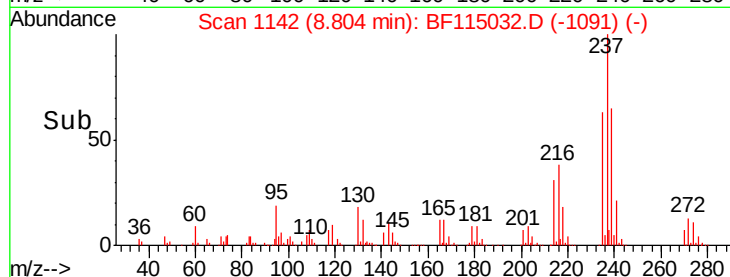
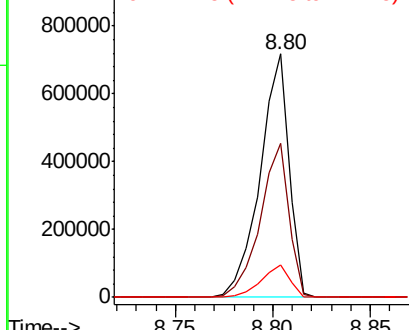
237 100

235 63.0 42.7 82.7

272 13.4 0.0 32.7



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: 131.620 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.00 min

Lab File: BF115032.D

Acq: 14 Jun 2019 11:51

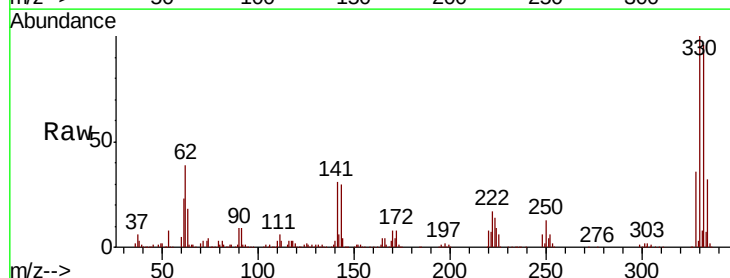
Tgt Ion:330 Resp: 779881

Ion Ratio Lower Upper

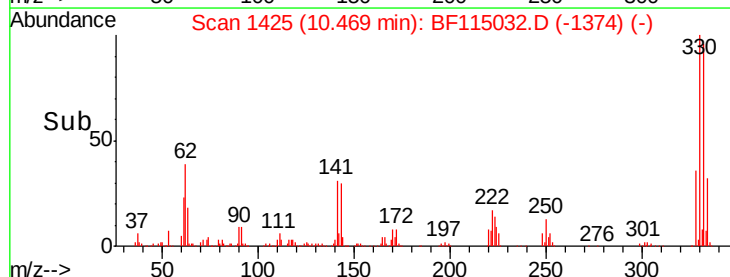
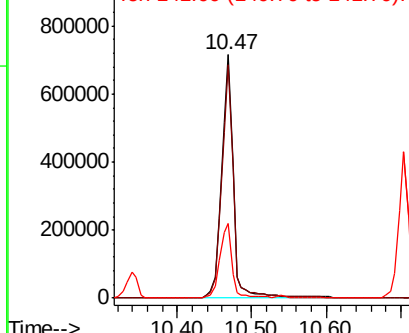
330 100

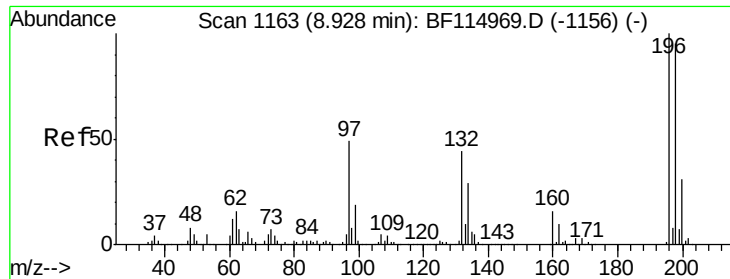
332 97.1 77.6 116.4

141 31.8 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

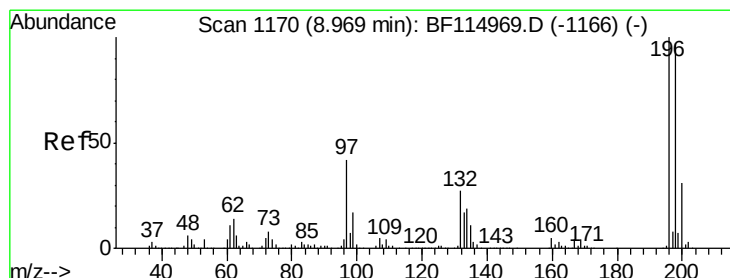
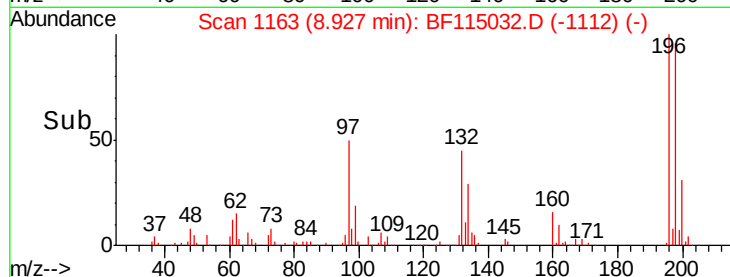
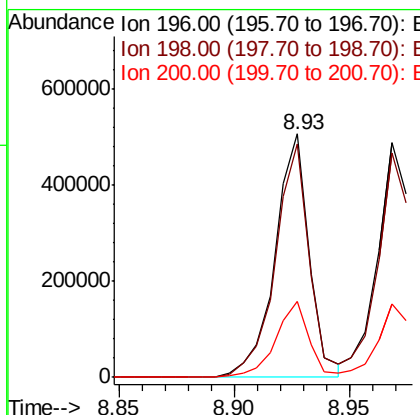
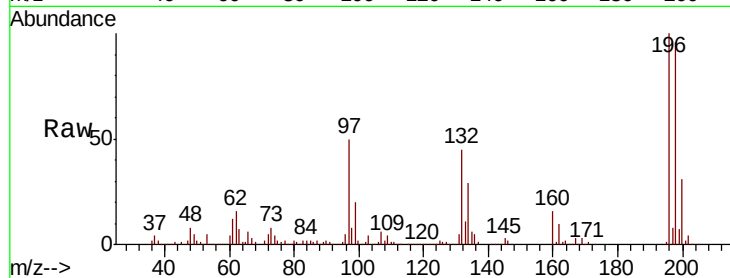




#43
 2,4,6-Trichlorophenol
 Concen: 42.453 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BF115032.D
 Acq: 14 Jun 2019 11:51

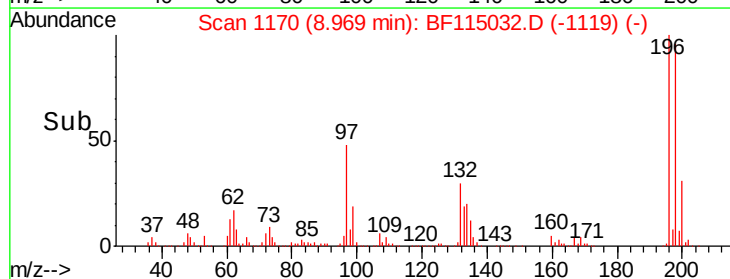
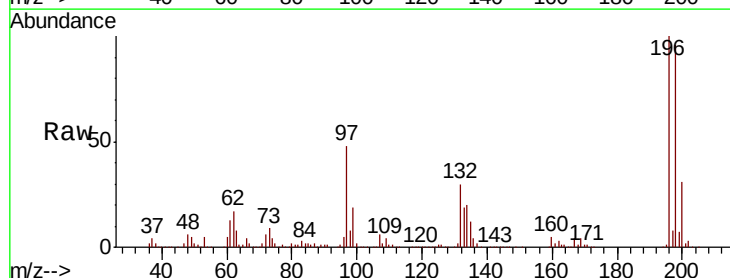
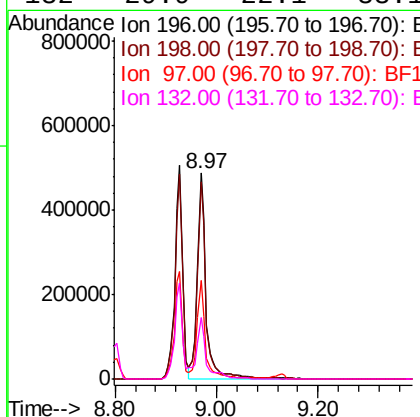
Instrument :
 BNA_F
 ClientSampleId :
 PB120556BS

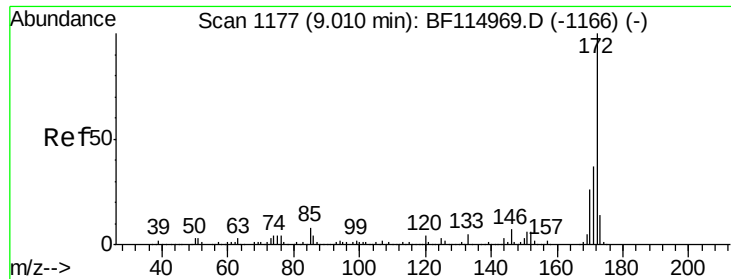
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.8	75.8	113.8
200	31.1	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 47.931 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF115032.D
 Acq: 14 Jun 2019 11:51

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.7	77.3	115.9
97	48.2	34.2	51.4
132	29.9	22.1	33.1

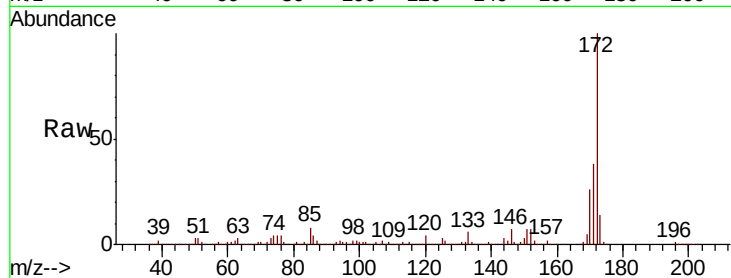




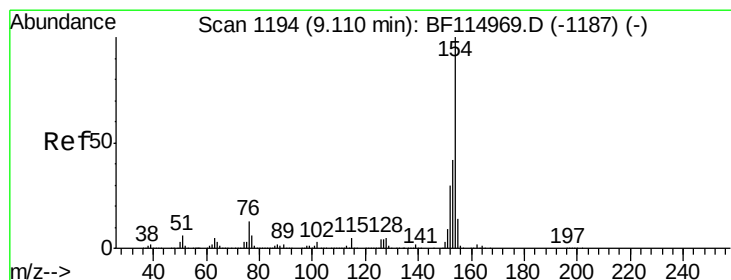
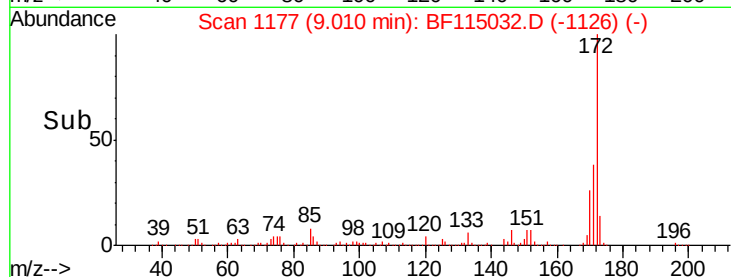
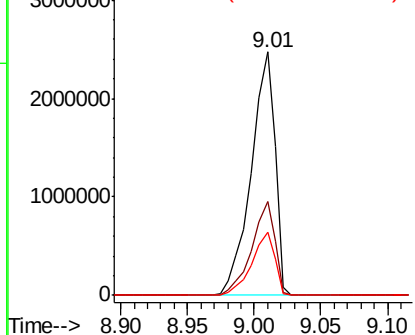
#45
2-Fluorobiphenyl
Concen: 92.847 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BF115032.D
Acq: 14 Jun 2019 11:51

Instrument :
BNA_F
ClientSampleId :
PB120556BS

Tot Ion:172 Resp: 3031201
Ion Ratio Lower Upper
172 100
171 38.4 29.8 44.6
170 26.1 20.6 31.0

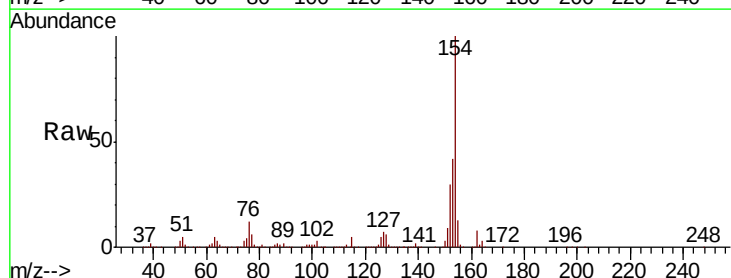


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

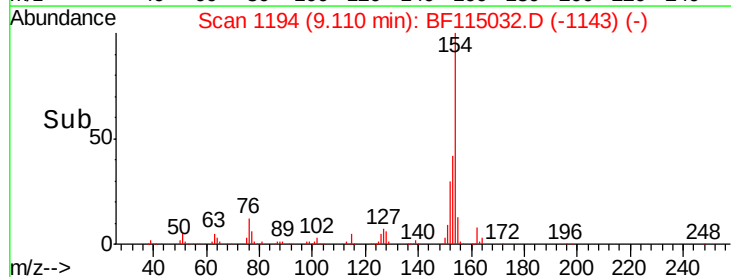
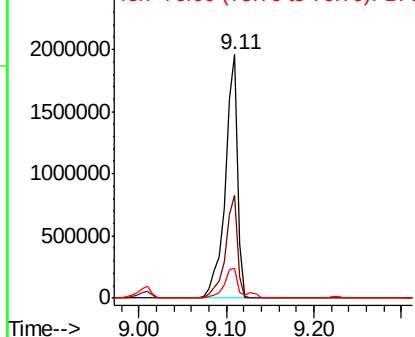


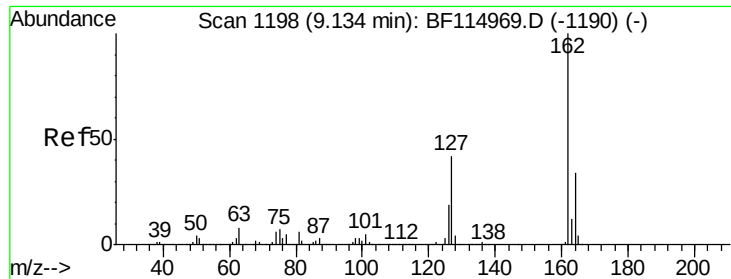
#46
1,1'-Biphenyl
Concen: 42.941 ng
RT: 9.11 min Scan# 1194
Delta R.T. -0.00 min
Lab File: BF115032.D
Acq: 14 Jun 2019 11:51

Tgt Ion:154 Resp: 1903988
Ion Ratio Lower Upper
154 100
153 42.1 22.4 62.4
76 12.2 0.0 33.3



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

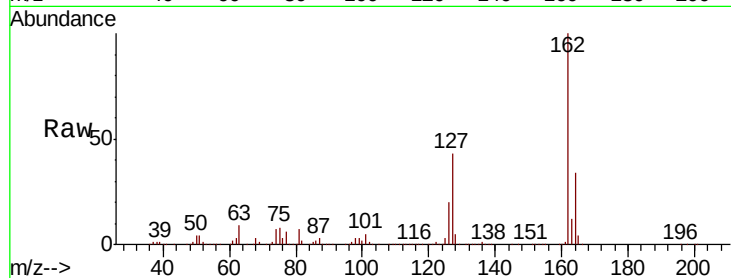




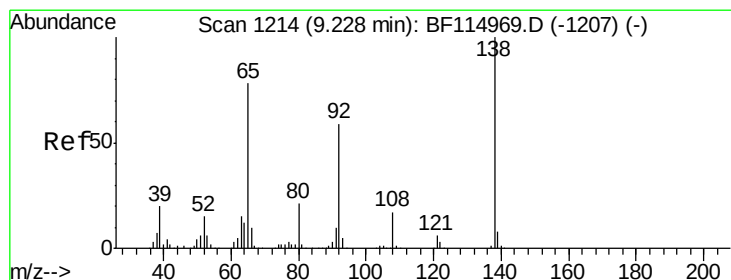
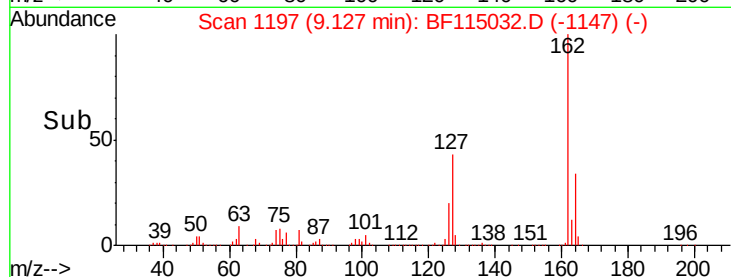
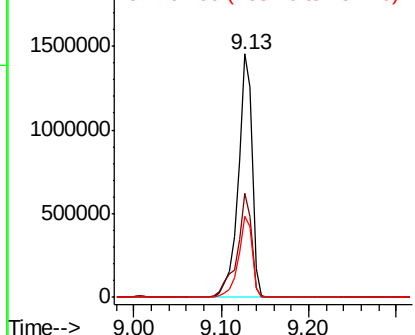
#47
 2-Chloronaphthalene
 Concen: 42.833 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF115032.D
 Acq: 14 Jun 2019 11:51

Instrument :
 BNA_F
 ClientSampleId :
 PB120556BS

Tot Ion: 162 Resp: 1535783
 Ion Ratio Lower Upper
 162 100
 127 42.9 33.4 50.2
 164 33.6 27.2 40.8

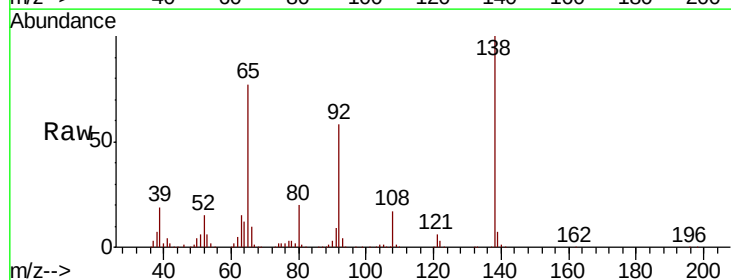


Abundance Ion 162.00 (161.70 to 162.70): E
 2000000 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

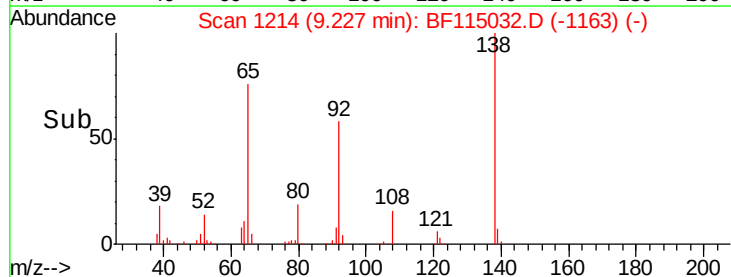
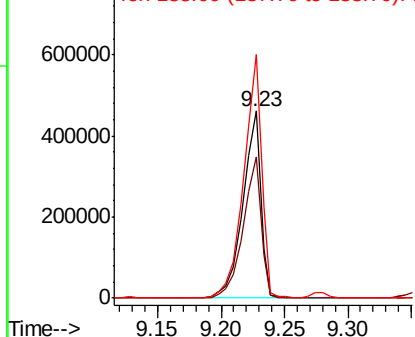


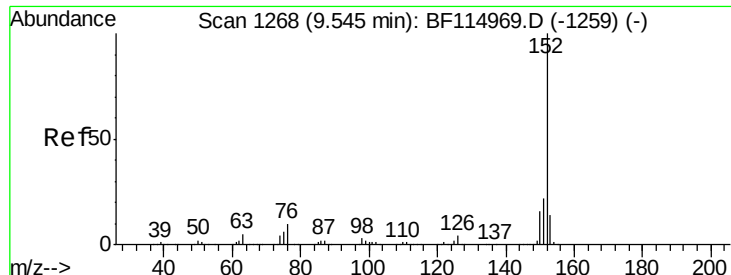
#48
 2-Nitroaniline
 Concen: 42.475 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.00 min
 Lab File: BF115032.D
 Acq: 14 Jun 2019 11:51

Tgt Ion: 65 Resp: 450142
 Ion Ratio Lower Upper
 65 100
 92 75.4 60.5 90.7
 138 130.3 102.0 153.0



Abundance Ion 65.00 (64.70 to 65.70): BF1
 800000 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E

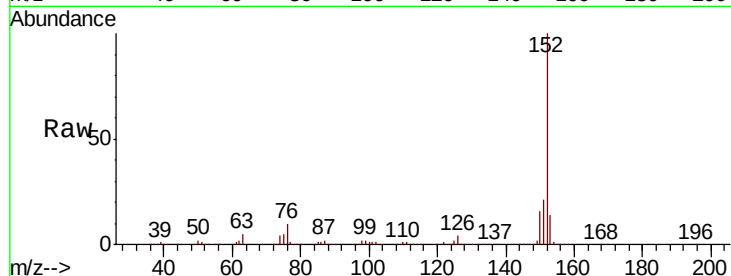




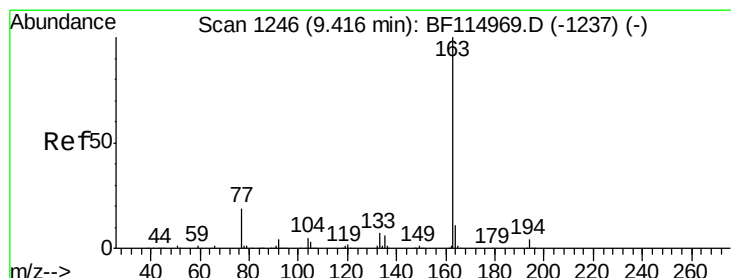
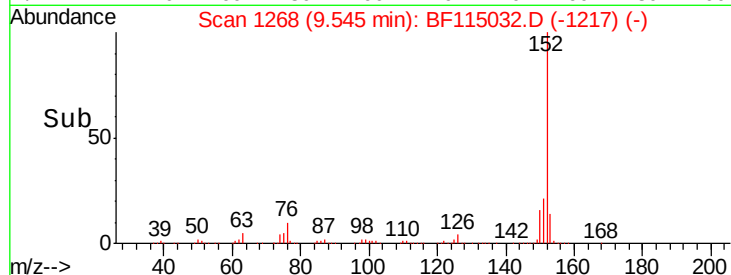
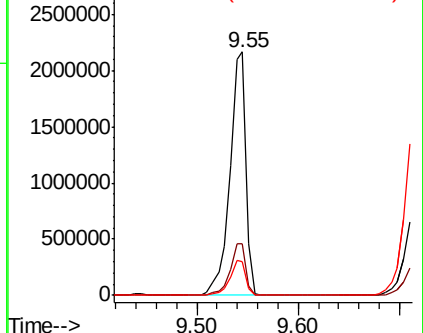
#49
Acenaphthylene
Concen: 43.037 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BF115032.D
Acq: 14 Jun 2019 11:51

Instrument :
BNA_F
ClientSampleId :
PB120556BS

Tot Ion:152 Resp: 2372570
Ion Ratio Lower Upper
152 100
151 21.4 17.5 26.3
153 13.8 11.2 16.8

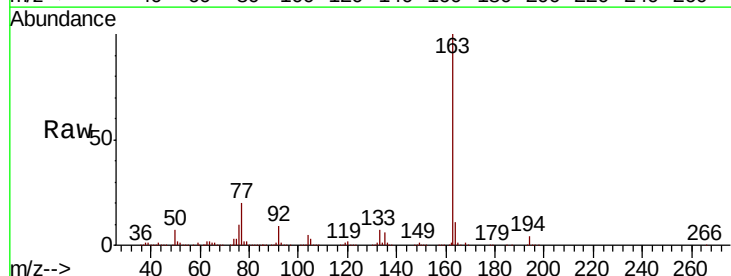


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

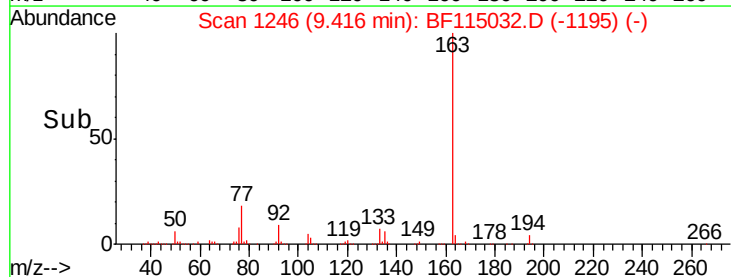
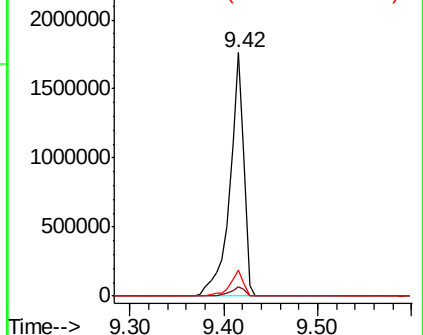


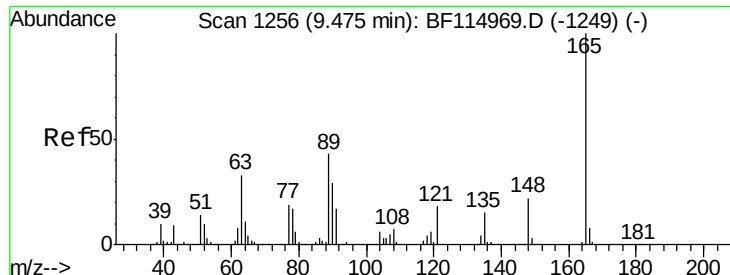
#50
Dimethylphthalate
Concen: 43.665 ng
RT: 9.42 min Scan# 1246
Delta R.T. -0.00 min
Lab File: BF115032.D
Acq: 14 Jun 2019 11:51

Tgt Ion:163 Resp: 1816991
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.6 8.6 12.8



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

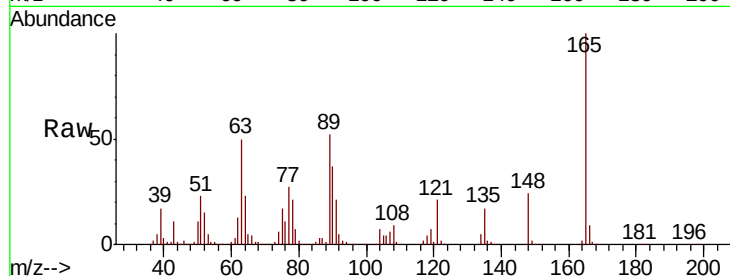




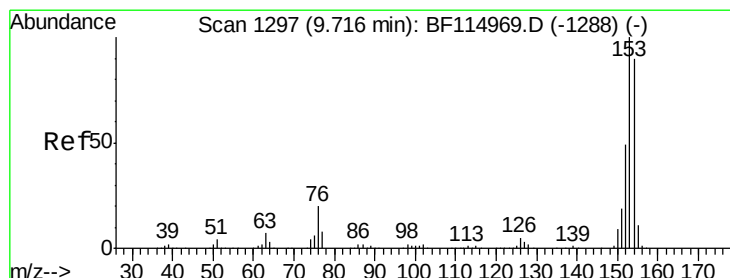
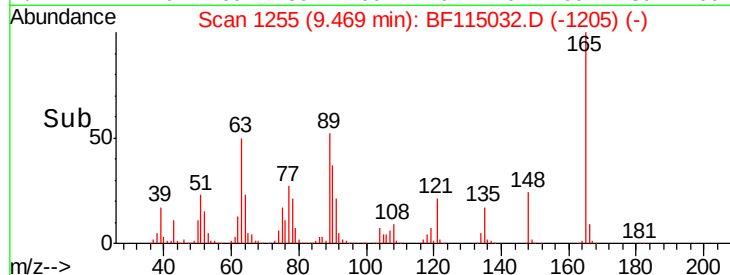
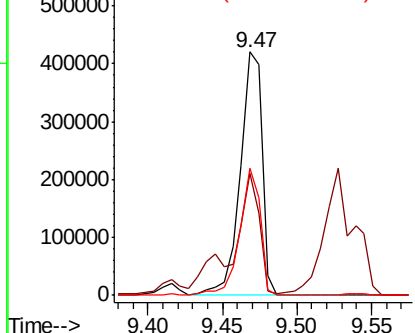
#51
 2,6-Dinitrotoluene
 Concen: 45.563 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF115032.D
 Acq: 14 Jun 2019 11:51

Instrument :
 BNA_F
 ClientSampleId :
 PB120556BS

Tot Ion:165 Resp: 430070
 Ion Ratio Lower Upper
 165 100
 63 50.2 30.6 46.0#
 89 52.3 34.4 51.6#

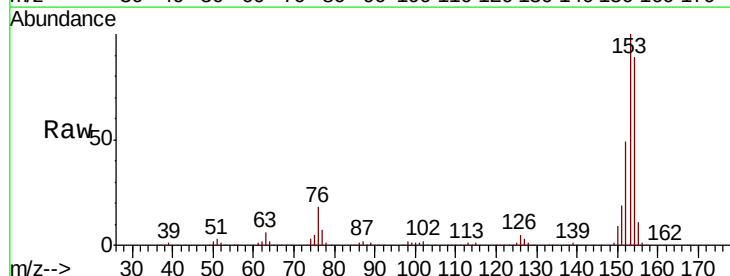


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

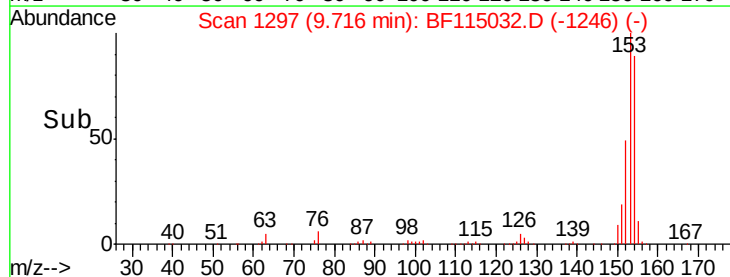
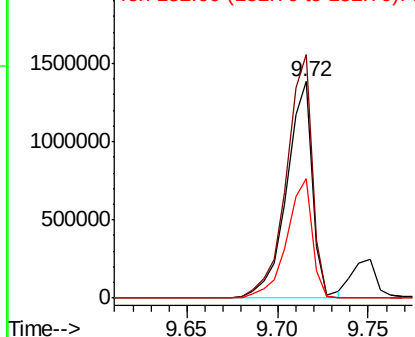


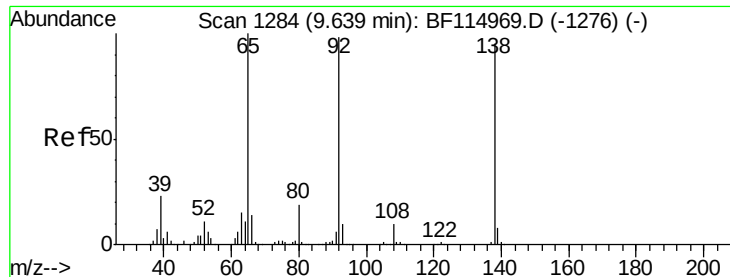
#52
 Acenaphthene
 Concen: 44.101 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.00 min
 Lab File: BF115032.D
 Acq: 14 Jun 2019 11:51

Tgt Ion:154 Resp: 1390953
 Ion Ratio Lower Upper
 154 100
 153 112.5 88.5 132.7
 152 54.9 43.6 65.4



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

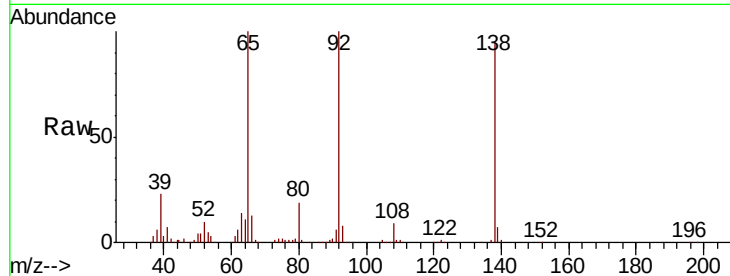




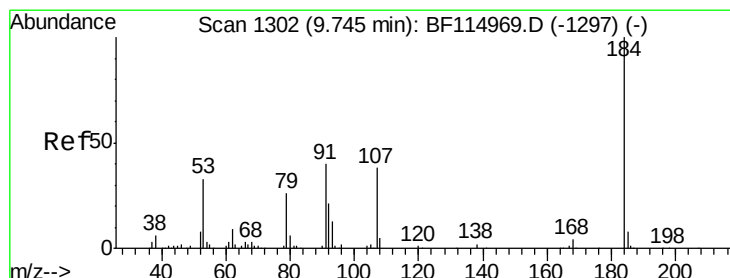
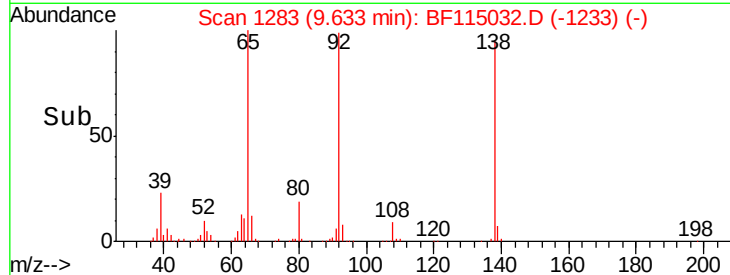
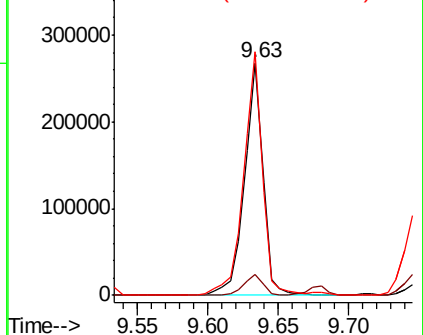
#53
3-Nitroaniline
Concen: 21.338 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF115032.D
Acq: 14 Jun 2019 11:51

Instrument :
BNA_F
ClientSampleId :
PB120556BS

Tot Ion:138 Resp: 246775
Ion Ratio Lower Upper
138 100
108 9.2 8.0 12.0
92 104.7 82.4 123.6

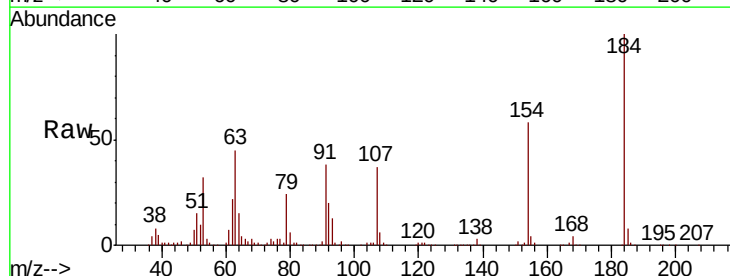


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

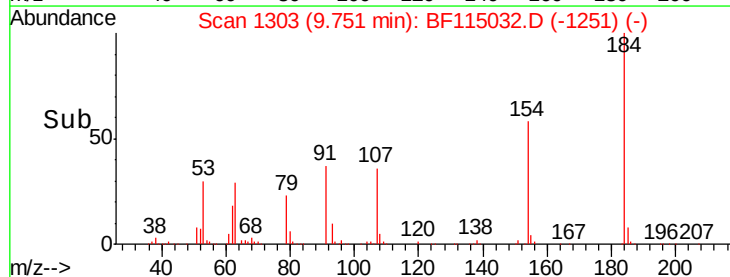
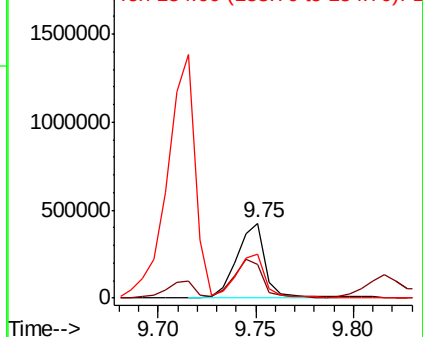


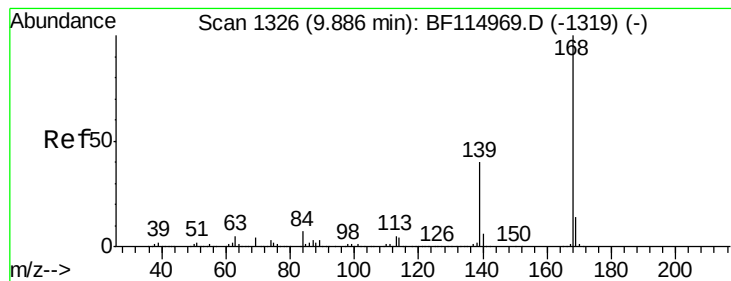
#54
2,4-Dinitrophenol
Concen: 94.921 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.01 min
Lab File: BF115032.D
Acq: 14 Jun 2019 11:51

Tgt Ion:184 Resp: 434586
Ion Ratio Lower Upper
184 100
63 45.3 40.5 60.7
154 58.1 44.8 67.2



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: 42.267 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BF115032.D

Acq: 14 Jun 2019 11:51

Instrument :

BNA_F

ClientSampled :

PB120556BS

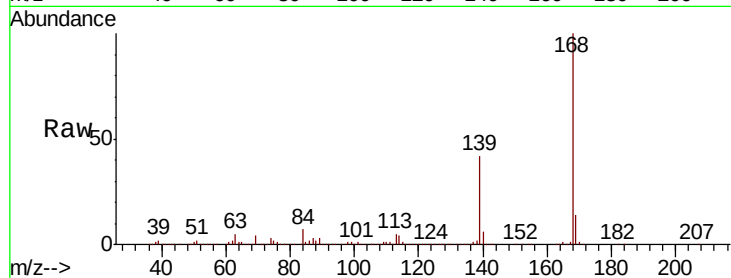
Tot Ion:168 Resp: 2009166

Ion Ratio Lower Upper

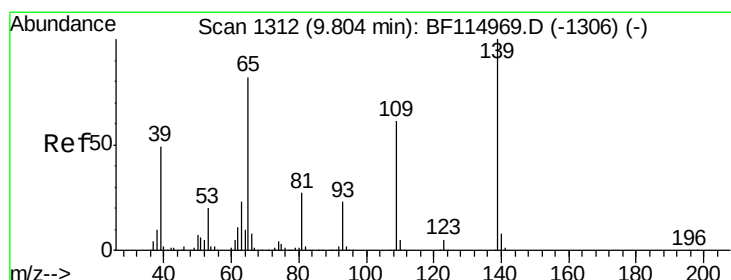
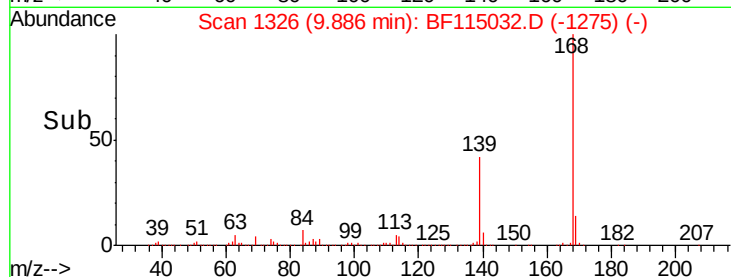
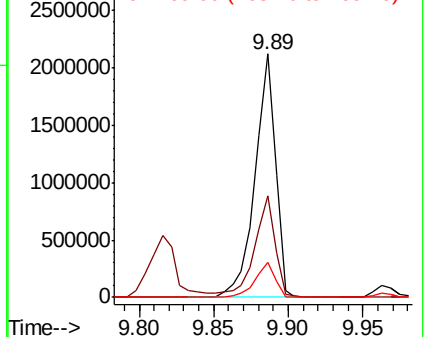
168 100

139 41.7 32.5 48.7

169 14.4 11.5 17.3



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: 84.482 ng

RT: 9.82 min Scan# 1314

Delta R.T. 0.01 min

Lab File: BF115032.D

Acq: 14 Jun 2019 11:51

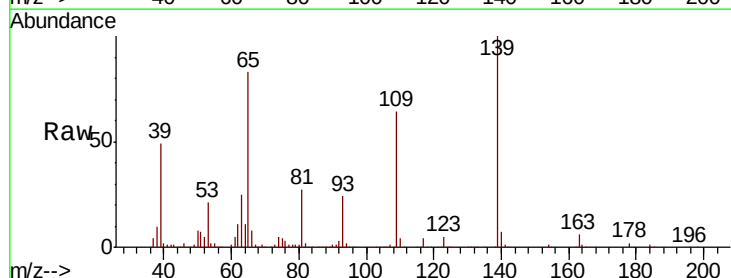
Tgt Ion:139 Resp: 673755

Ion Ratio Lower Upper

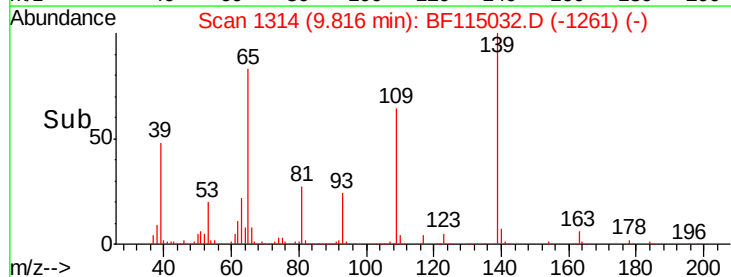
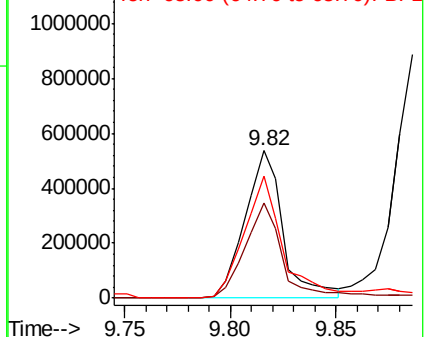
139 100

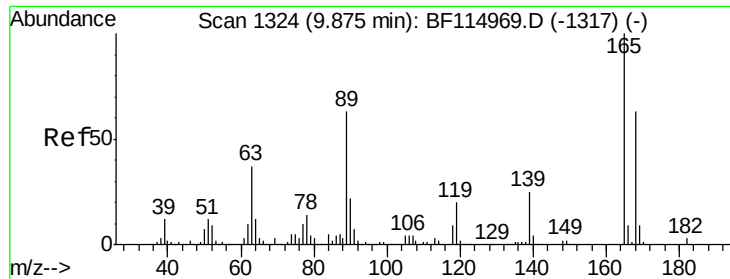
109 64.1 41.4 81.4

65 83.0 62.7 102.7



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

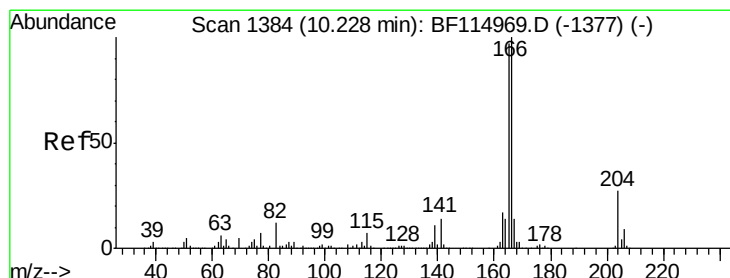
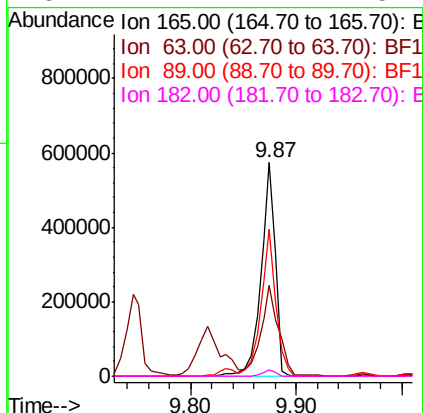
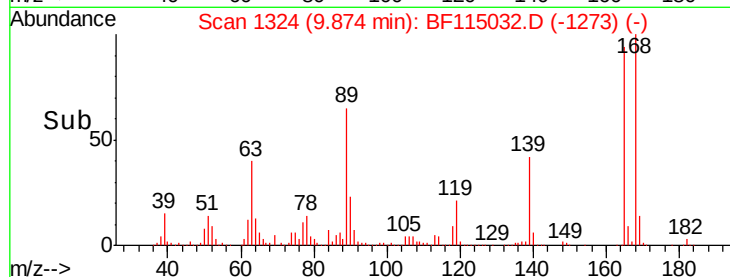
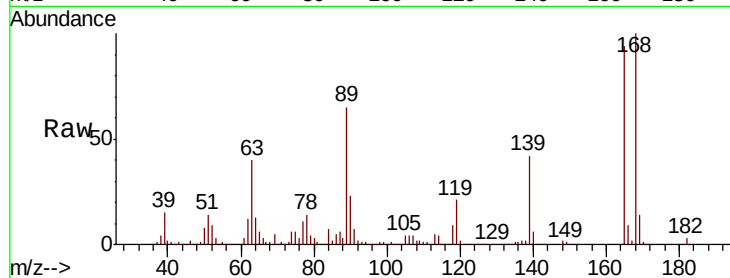




#57
 2,4-Dinitrotoluene
 Concen: 45.723 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: BF115032.D
 Acq: 14 Jun 2019 11:51

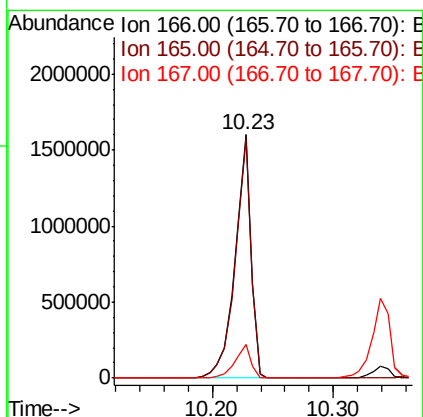
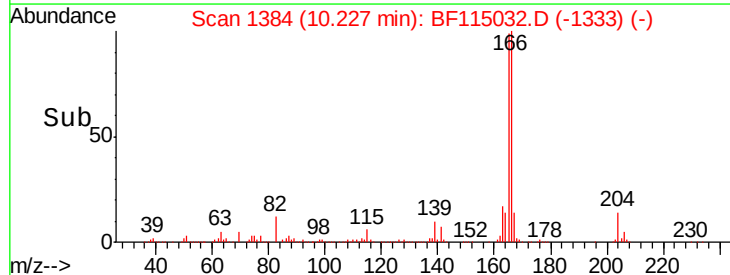
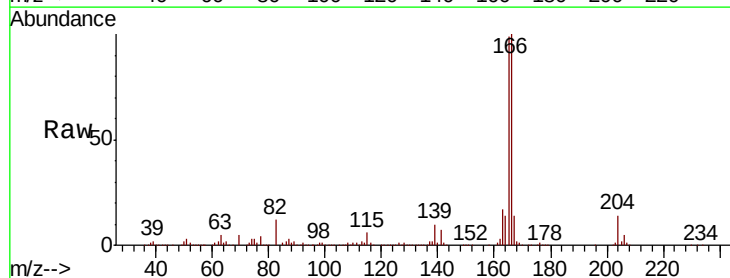
Instrument :
 BNA_F
 ClientSampleId :
 PB120556BS

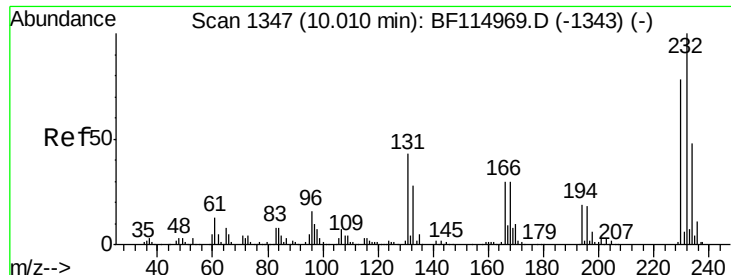
Tot Ion:	165	Resp:	549321
Ion	Ratio	Lower	Upper
165	100		
63	42.4	29.4	44.2
89	68.8	50.6	75.8
182	2.7	2.2	3.2



#58
 Fluorene
 Concen: 46.678 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. -0.00 min
 Lab File: BF115032.D
 Acq: 14 Jun 2019 11:51

Tgt Ion:	166	Resp:	1472090
Ion	Ratio	Lower	Upper
166	100		
165	98.5	77.6	116.4
167	13.9	11.0	16.4

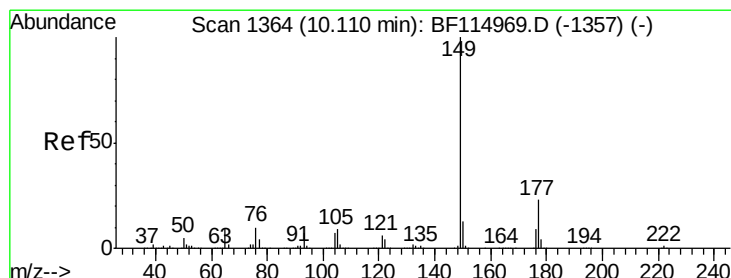
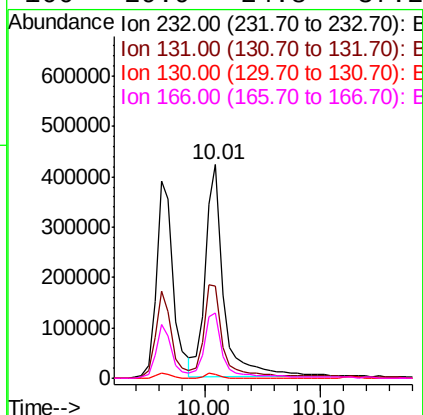
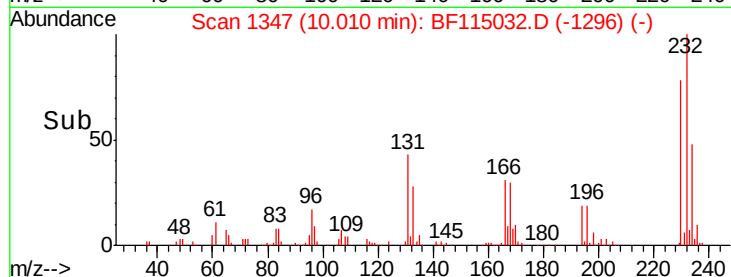
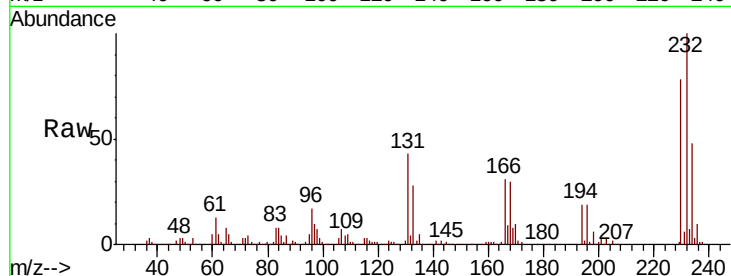




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.342 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF115032.D
Acq: 14 Jun 2019 11:51

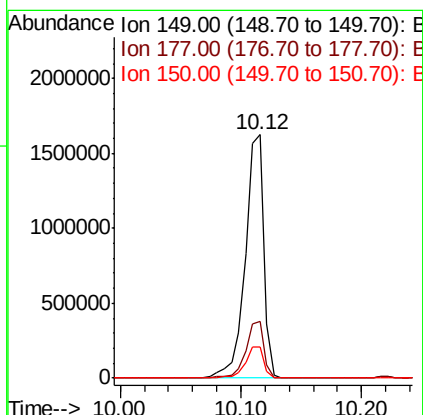
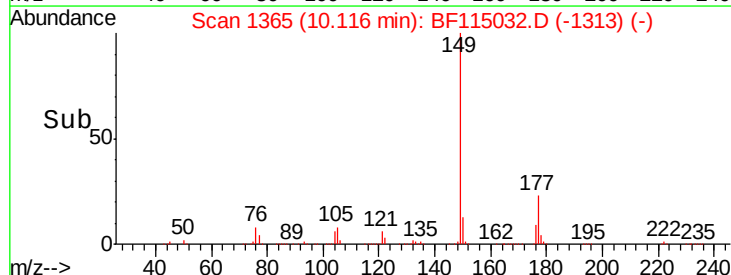
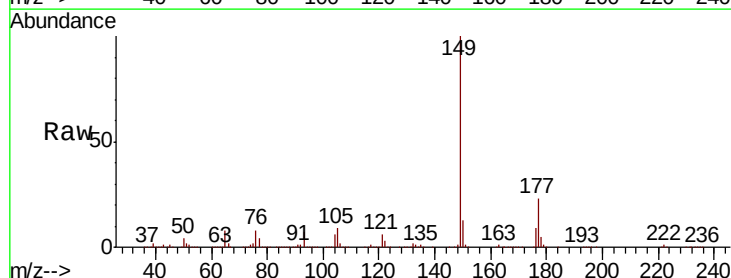
Instrument :
BNA_F
ClientSampleId :
PB120556BS

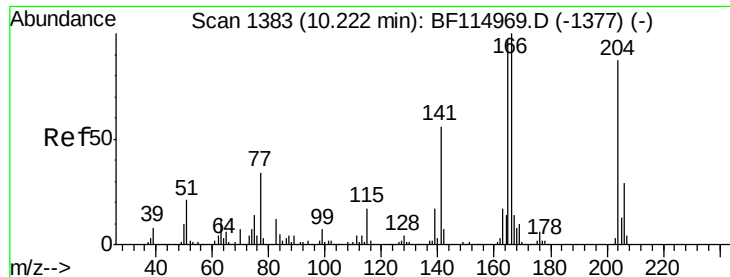
Tot Ion:232 Resp: 471856
Ion Ratio Lower Upper
232 100
131 47.5 36.9 55.3
130 2.3 1.8 2.6
166 29.9 24.8 37.2



#60
Diethylphthalate
Concen: 43.588 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF115032.D
Acq: 14 Jun 2019 11:51

Tgt Ion:149 Resp: 1734254
Ion Ratio Lower Upper
149 100
177 23.2 18.6 27.8
150 12.7 10.5 15.7

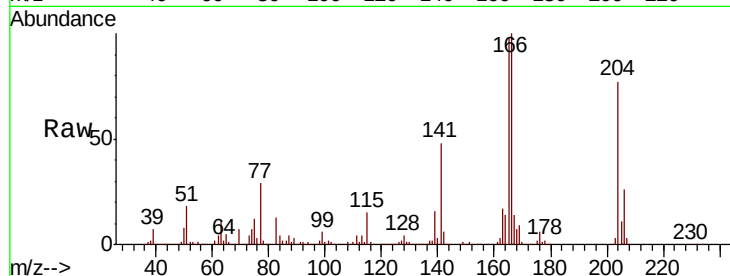




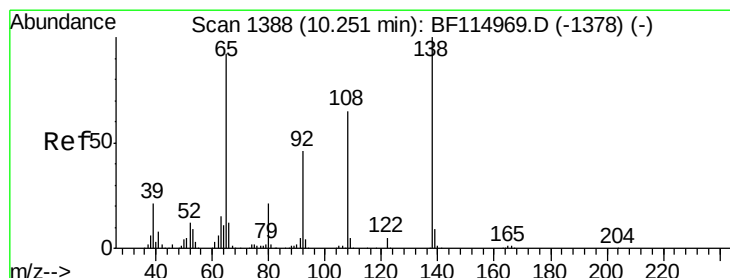
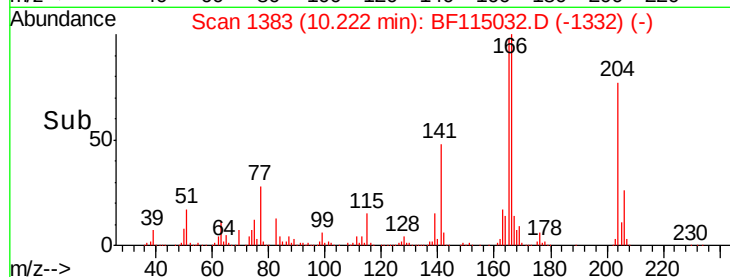
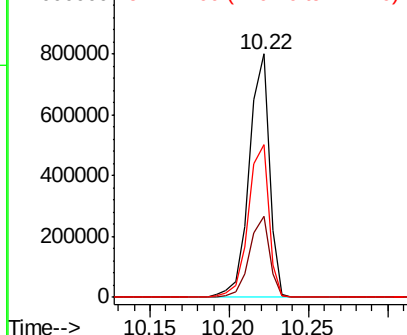
#61
4-Chlorophenyl-phenylether
Concen: 45.103 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.00 min
Lab File: BF115032.D
Acq: 14 Jun 2019 11:51

Instrument :
BNA_F
ClientSampleId :
PB120556BS

Tot Ion:204 Resp: 708015
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 62.9 51.8 77.8

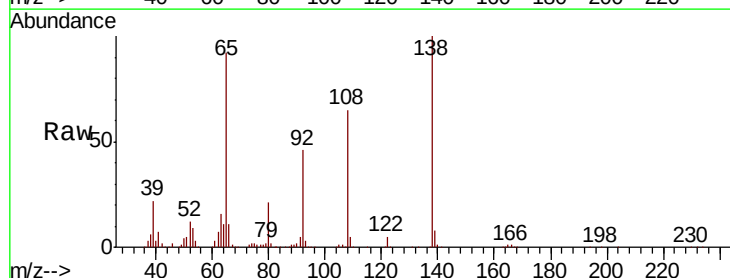


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

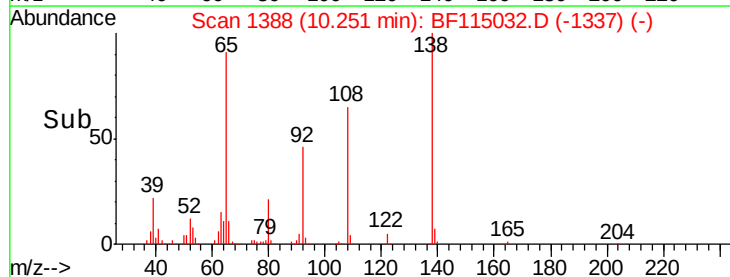
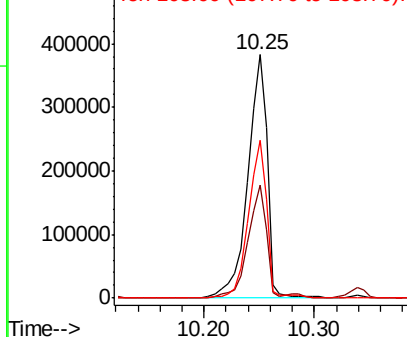


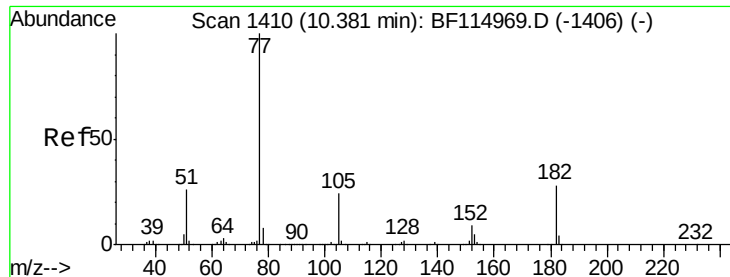
#62
4-Nitroaniline
Concen: 40.716 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BF115032.D
Acq: 14 Jun 2019 11:51

Tgt Ion:138 Resp: 473433
Ion Ratio Lower Upper
138 100
92 46.2 25.7 65.7
108 65.0 44.6 84.6



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

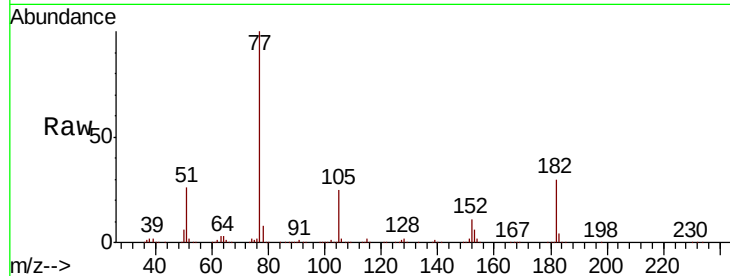




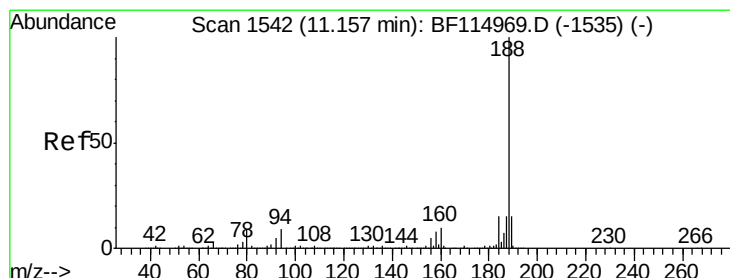
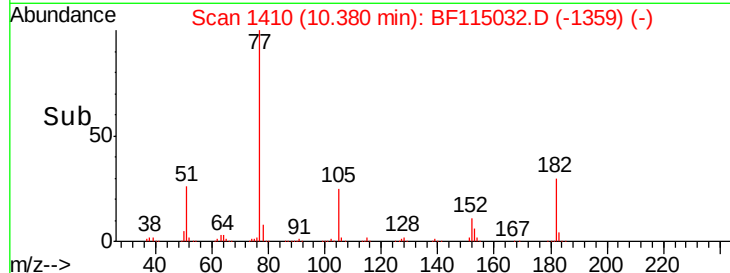
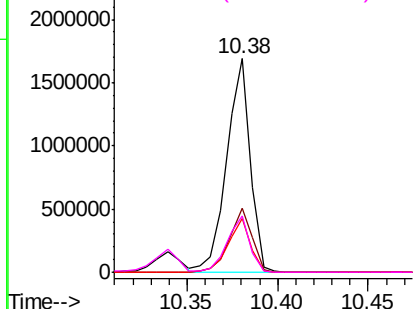
#63
Azobenzene
Concen: 43.887 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF115032.D
Acq: 14 Jun 2019 11:51

Instrument :
BNA_F
ClientSampleId :
PB120556BS

Tot Ion: 77 Resp: 1527615
Ion Ratio Lower Upper
77 100
182 29.9 7.4 47.4
105 25.0 4.2 44.2
51 26.3 6.2 46.2

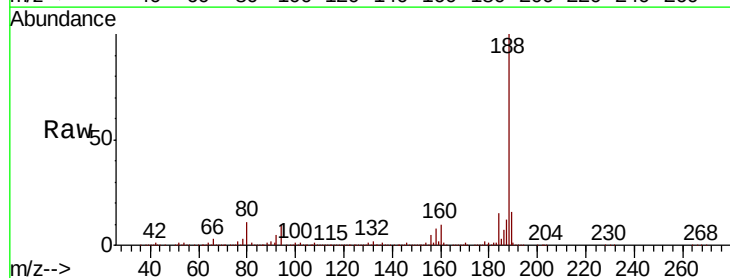


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

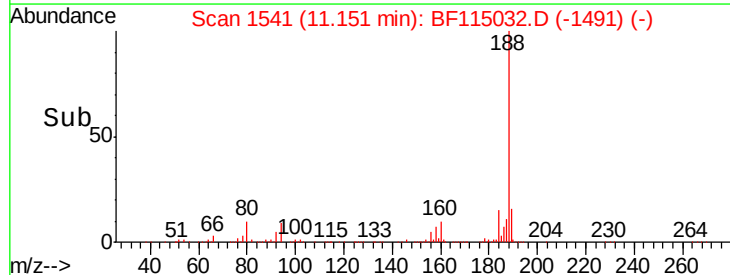
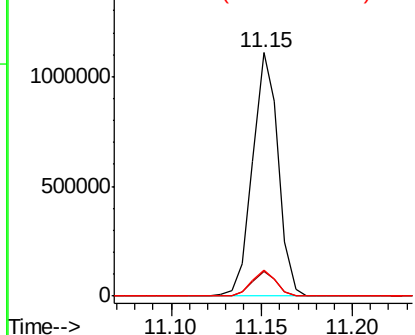


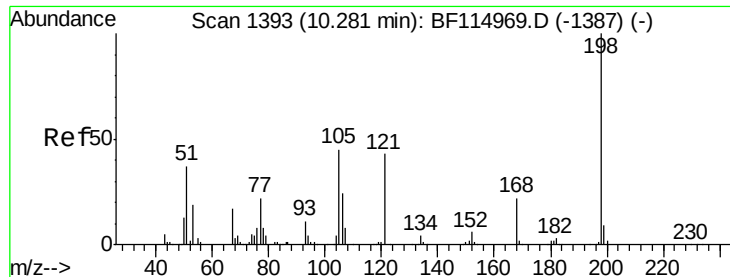
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1541
Delta R.T. -0.01 min
Lab File: BF115032.D
Acq: 14 Jun 2019 11:51

Tgt Ion: 188 Resp: 1090557
Ion Ratio Lower Upper
188 100
94 10.1 7.2 10.8
80 10.6 7.4 11.2



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

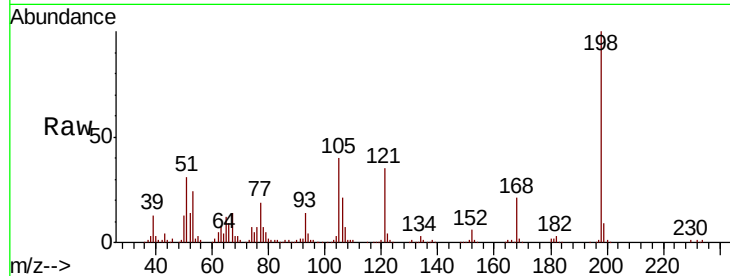




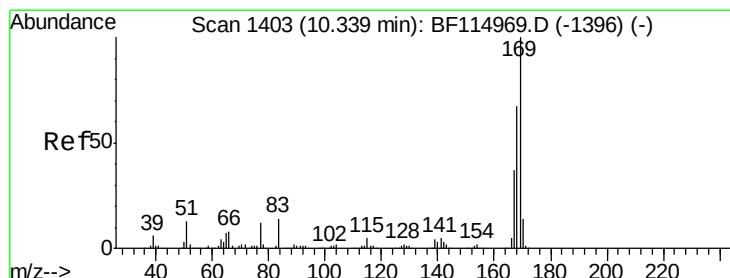
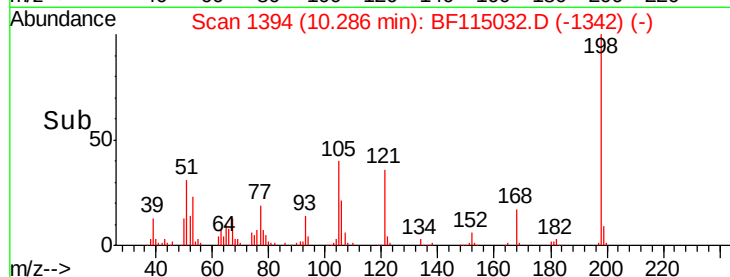
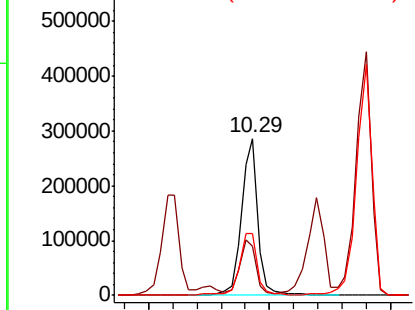
#65
4,6-Dinitro-2-methylphenol
Concen: 44.257 ng
RT: 10.29 min Scan# 1394
Delta R.T. 0.01 min
Lab File: BF115032.D
Acq: 14 Jun 2019 11:51

Instrument :
BNA_F
ClientSampleId :
PB120556BS

Tot Ion:198 Resp: 270517
Ion Ratio Lower Upper
198 100
51 31.1 23.0 63.0
105 39.8 26.5 66.5

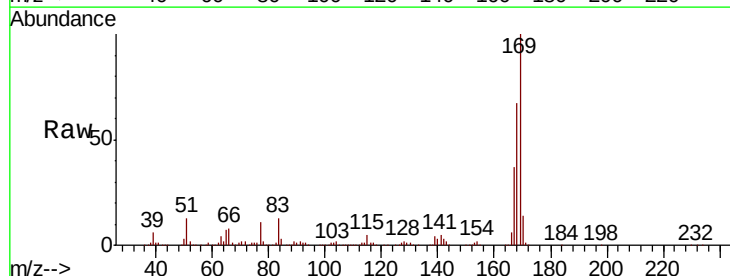


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

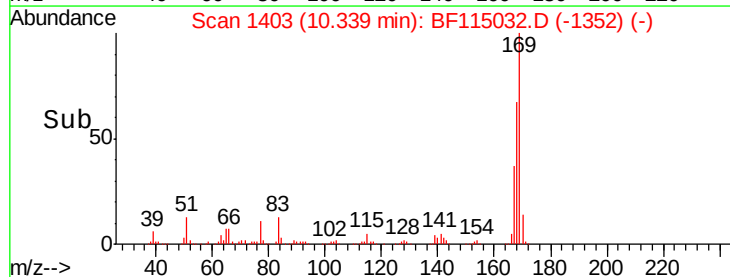
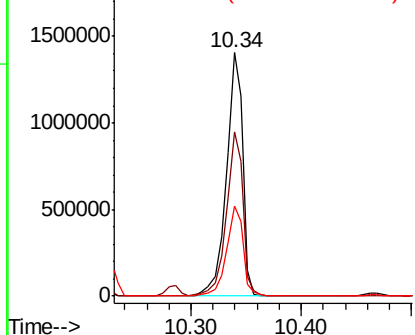


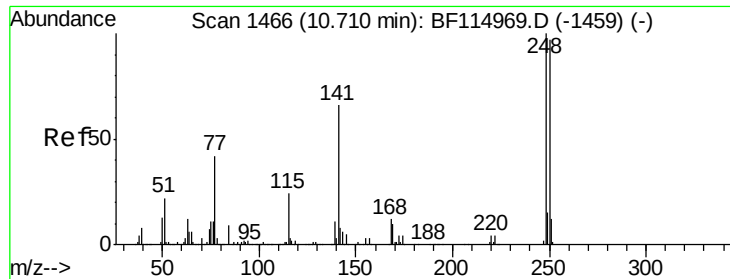
#66
n-Nitrosodiphenylamine
Concen: 44.356 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BF115032.D
Acq: 14 Jun 2019 11:51

Tgt Ion:169 Resp: 1445948
Ion Ratio Lower Upper
169 100
168 67.3 53.6 80.4
167 37.2 29.6 44.4



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

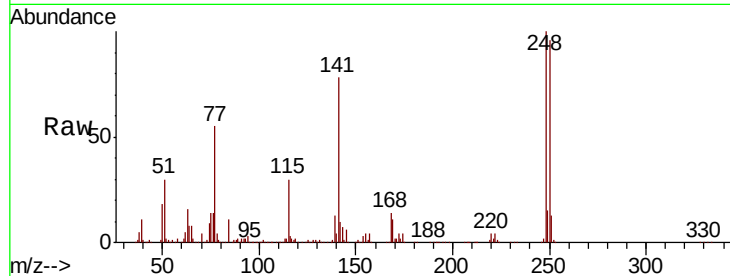




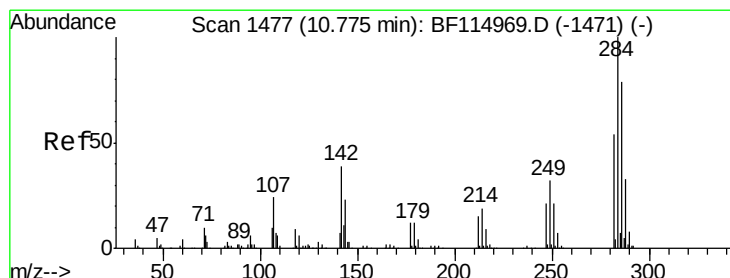
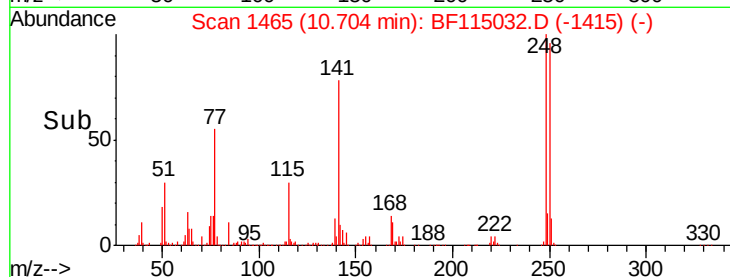
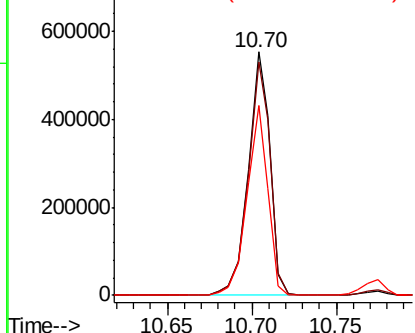
#67
4-Bromophenyl-phenylether
Concen: 42.540 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF115032.D
Acq: 14 Jun 2019 11:51

Instrument :
BNA_F
ClientSampleId :
PB120556BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.7	77.8	116.8
141	77.8	53.1	79.7

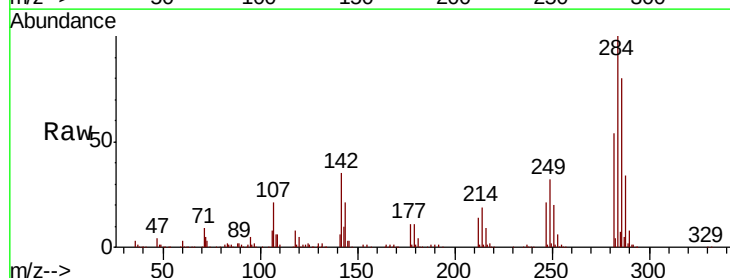


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

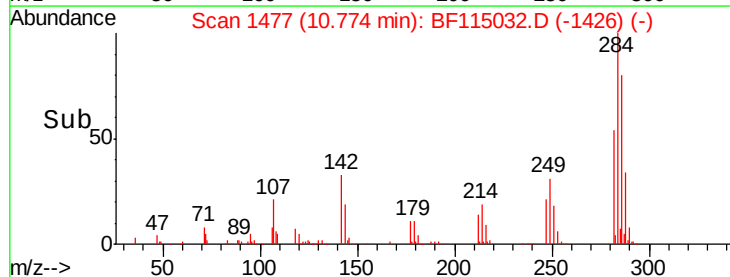
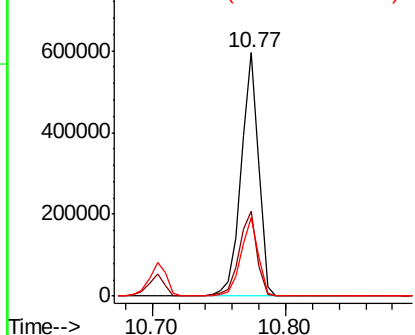


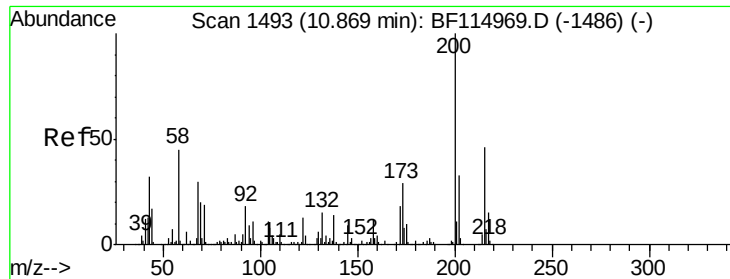
#68
Hexachlorobenzene
Concen: 41.968 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.00 min
Lab File: BF115032.D
Acq: 14 Jun 2019 11:51

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.9	31.5	47.3
249	32.1	25.6	38.4



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: 46.032 ng

RT: 10.87 min Scan# 1494

Delta R.T. 0.01 min

Lab File: BF115032.D

Acq: 14 Jun 2019 11:51

Instrument :

BNA_F

ClientSampleId :

PB120556BS

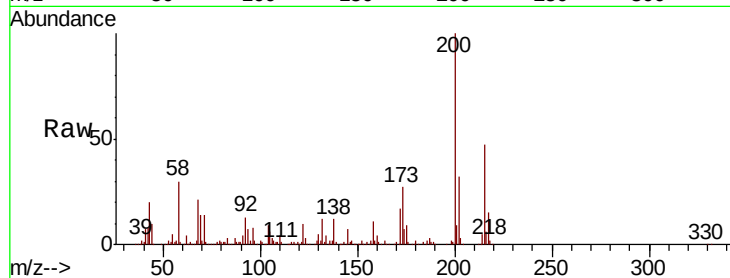
Tot Ion:200 Resp: 483810

Ion Ratio Lower Upper

200 100

173 27.2 9.0 49.0

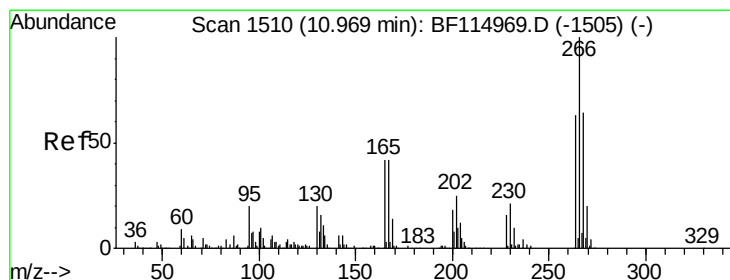
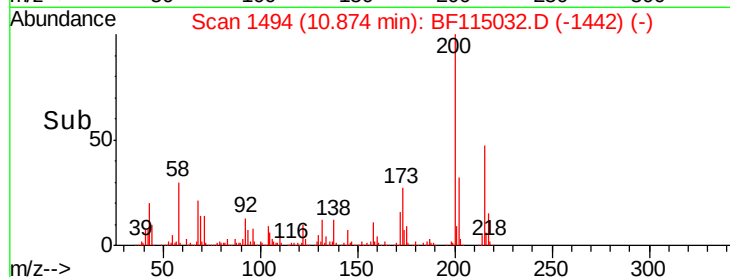
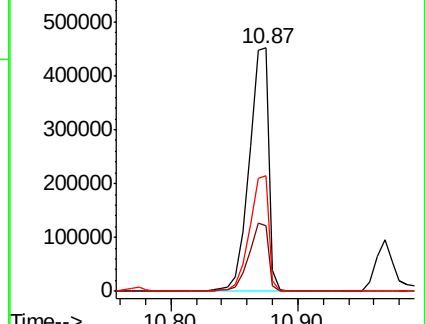
215 47.2 26.5 66.5



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: 88.315 ng

RT: 10.97 min Scan# 1510

Delta R.T. -0.00 min

Lab File: BF115032.D

Acq: 14 Jun 2019 11:51

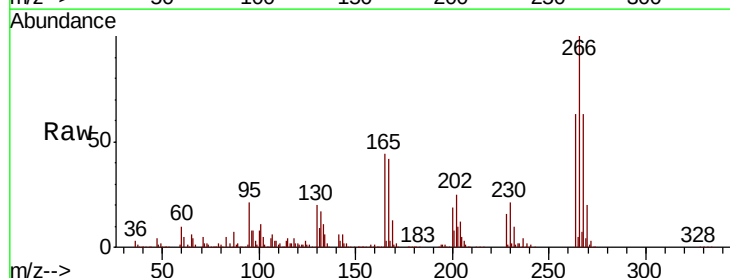
Tgt Ion:266 Resp: 618286

Ion Ratio Lower Upper

266 100

268 62.9 51.4 77.2

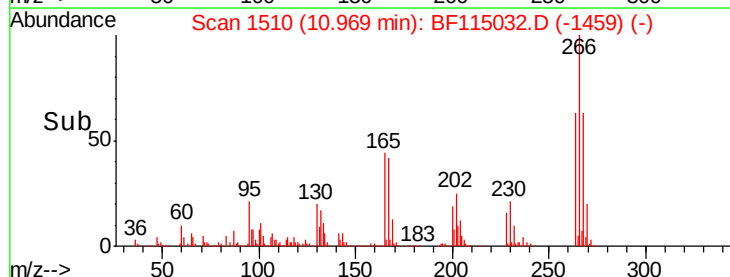
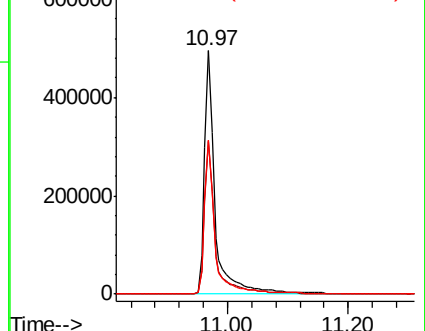
264 63.0 50.3 75.5

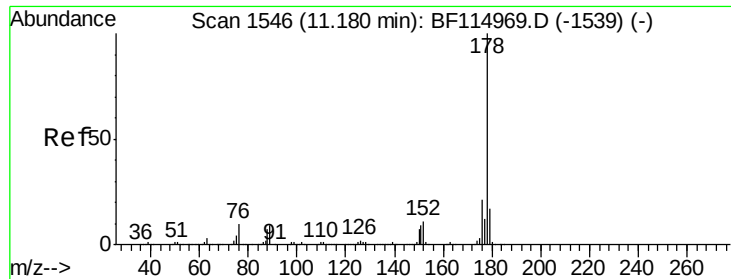


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.948 ng

RT: 11.18 min Scan# 1546

Delta R.T. -0.00 min

Lab File: BF115032.D

Acq: 14 Jun 2019 11:51

Instrument :

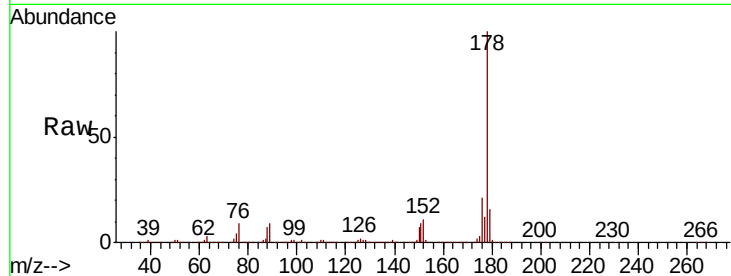
BNA_F

ClientSampleId :

PB120556BS

Tot Ion:178 Resp: 2361971

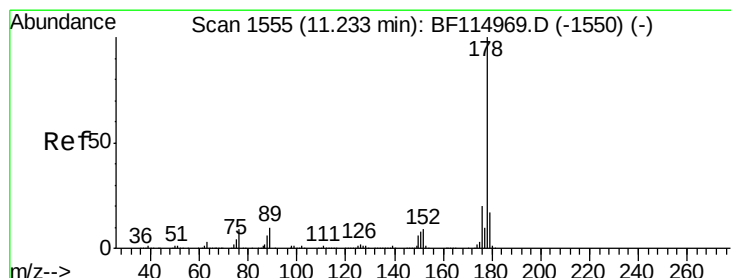
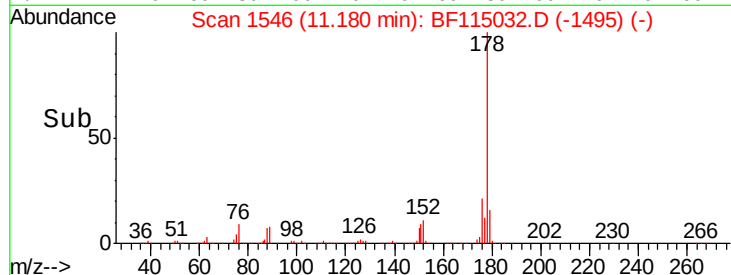
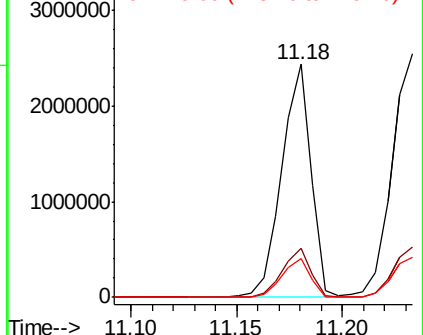
Ion	Ratio	Lower	Upper
178	100		
176	21.2	16.9	25.3
179	16.4	13.4	20.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.179 ng

RT: 11.23 min Scan# 1555

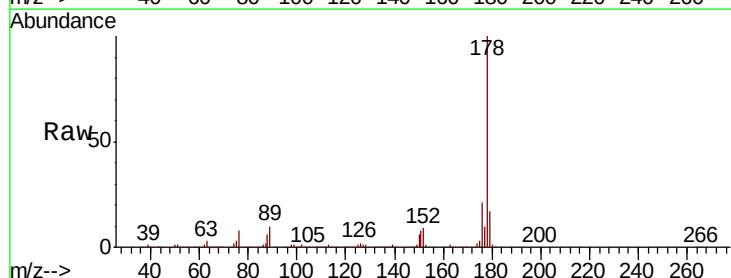
Delta R.T. -0.00 min

Lab File: BF115032.D

Acq: 14 Jun 2019 11:51

Tgt Ion:178 Resp: 2395960

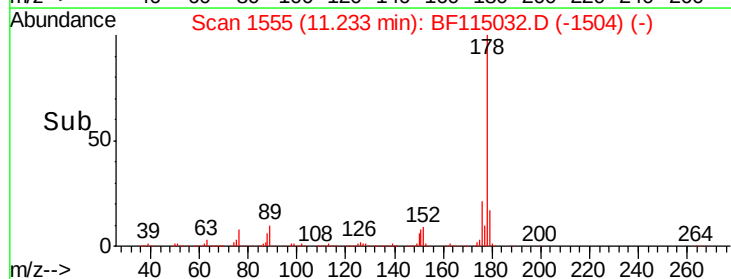
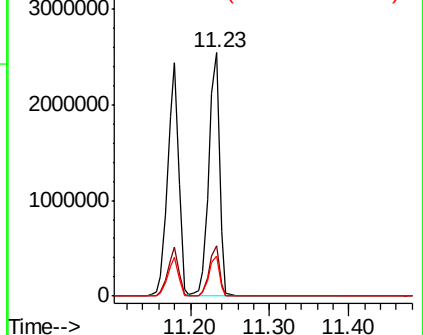
Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.2	24.4
179	16.6	13.2	19.8

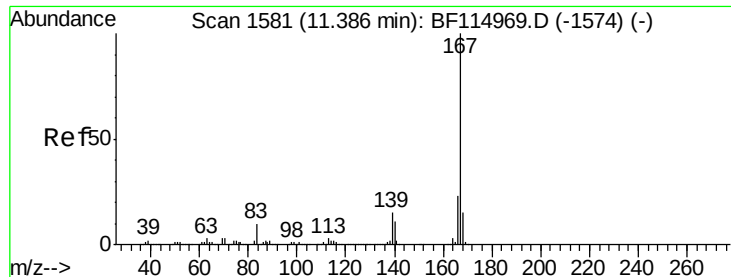


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

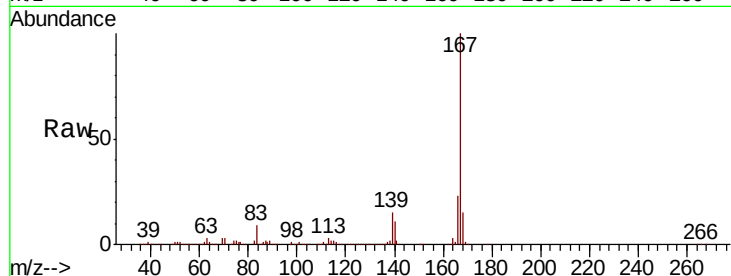




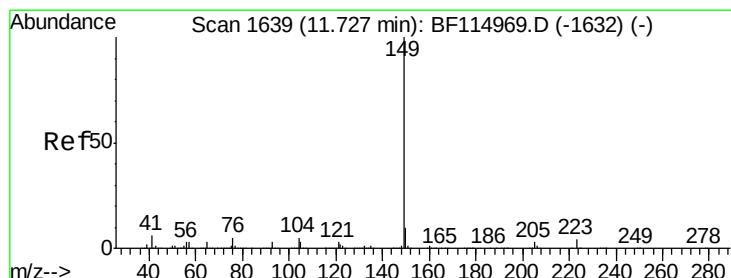
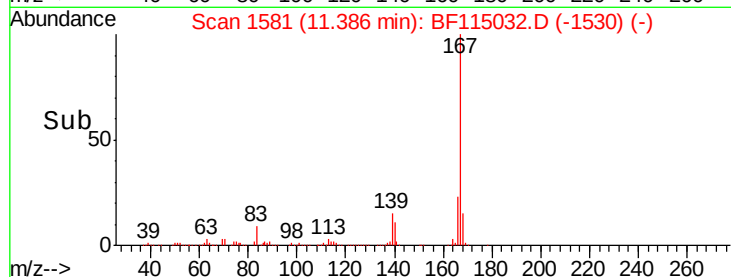
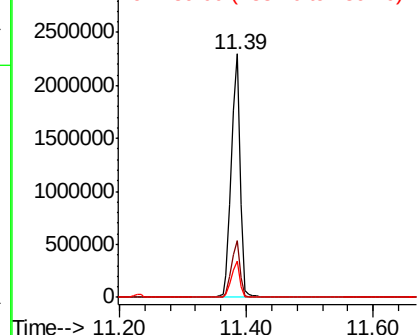
#73
 Carbazole
 Concen: 44.295 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.00 min
 Lab File: BF115032.D
 Acq: 14 Jun 2019 11:51

Instrument :
 BNA_F
 ClientSampleId :
 PB120556BS

Tot Ion:167 Resp: 2196171
 Ion Ratio Lower Upper
 167 100
 166 23.4 18.5 27.7
 139 14.9 12.0 18.0

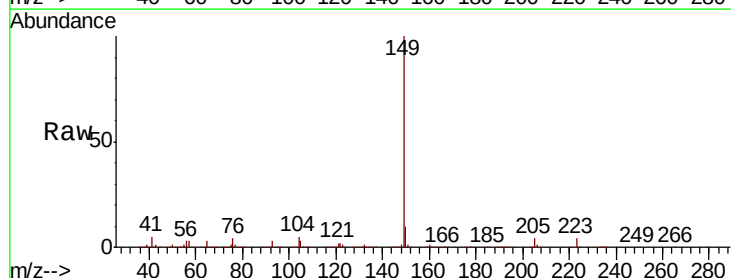


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

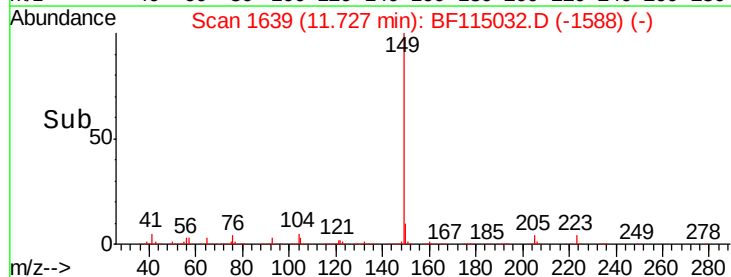
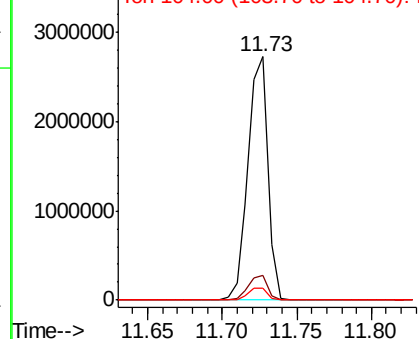


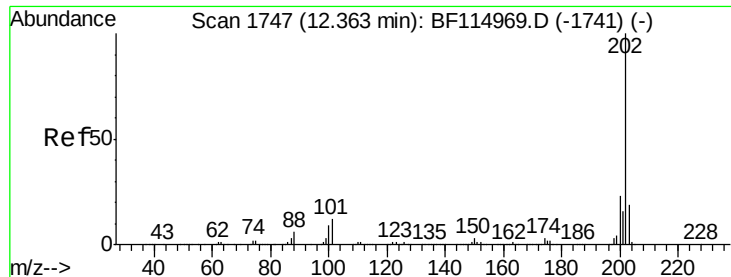
#74
 Di-n-butylphthalate
 Concen: 40.540 ng
 RT: 11.73 min Scan# 1639
 Delta R.T. -0.00 min
 Lab File: BF115032.D
 Acq: 14 Jun 2019 11:51

Tgt Ion:149 Resp: 2533954
 Ion Ratio Lower Upper
 149 100
 150 10.0 8.1 12.1
 104 4.7 4.0 6.0



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





#75

Fluoranthene

Concen: 42.626 ng

RT: 12.36 min Scan# 1746

Delta R.T. -0.01 min

Lab File: BF115032.D

Acq: 14 Jun 2019 11:51

Instrument :

BNA_F

ClientSampleId :

PB120556BS

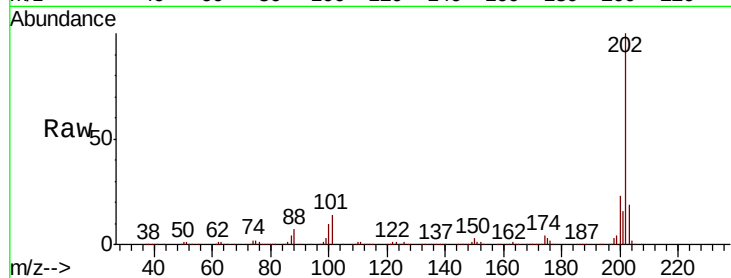
Tot Ion:202 Resp: 2454269

Ion Ratio Lower Upper

202 100

101 13.9 0.0 32.4

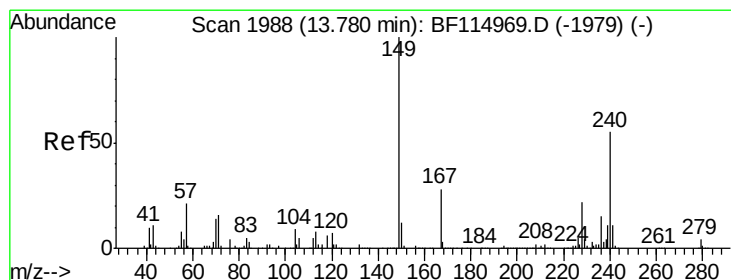
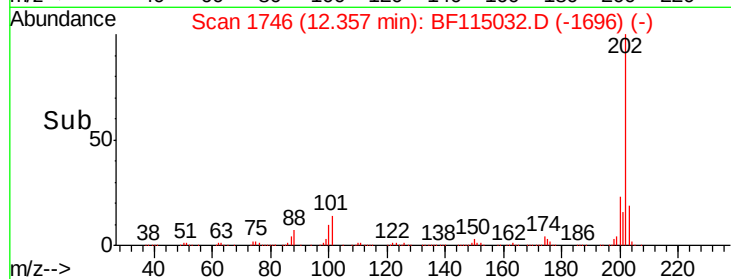
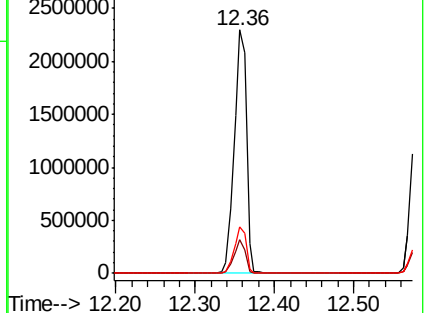
203 19.1 0.0 38.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.78 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BF115032.D

Acq: 14 Jun 2019 11:51

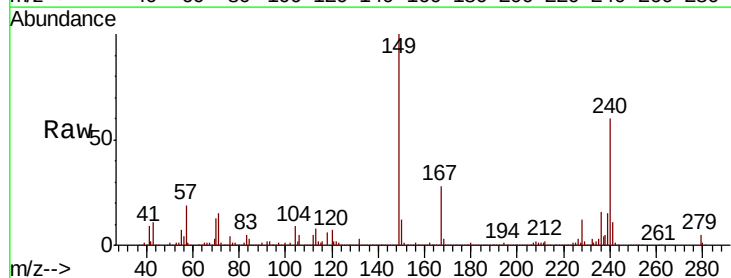
Tgt Ion:240 Resp: 664326

Ion Ratio Lower Upper

240 100

120 11.8 10.0 15.0

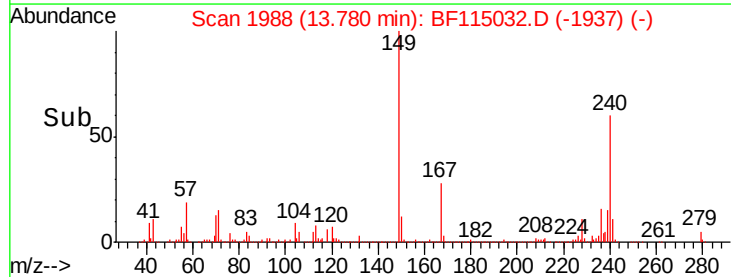
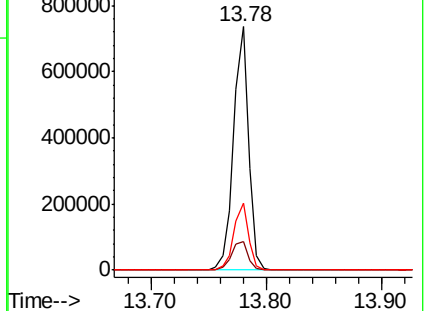
236 27.5 21.6 32.4

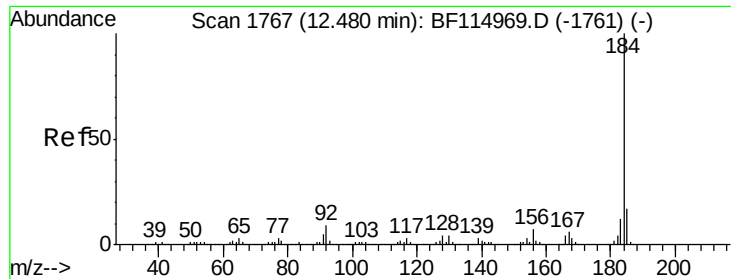


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 20.522 ng

RT: 12.48 min Scan# 1767

Delta R.T. -0.00 min

Lab File: BF115032.D

Acq: 14 Jun 2019 11:51

Instrument :

BNA_F

ClientSampleId :

PB120556BS

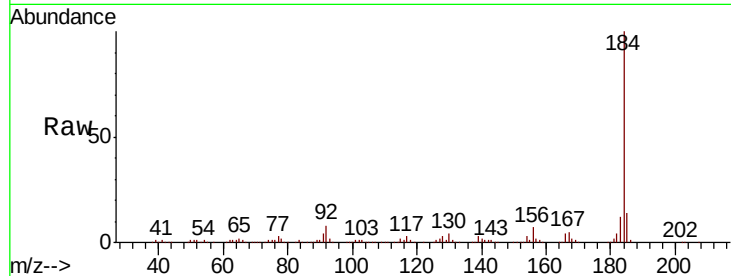
Tot Ion:184 Resp: 551430

Ion Ratio Lower Upper

184 100

185 14.3 13.4 20.0

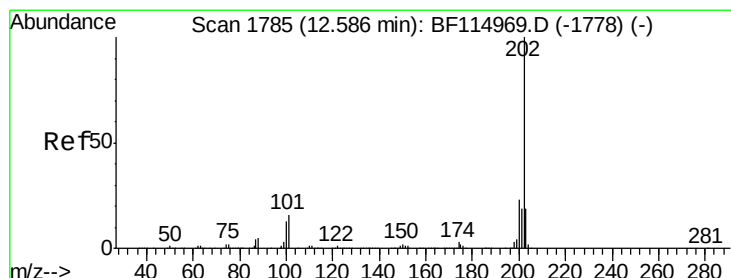
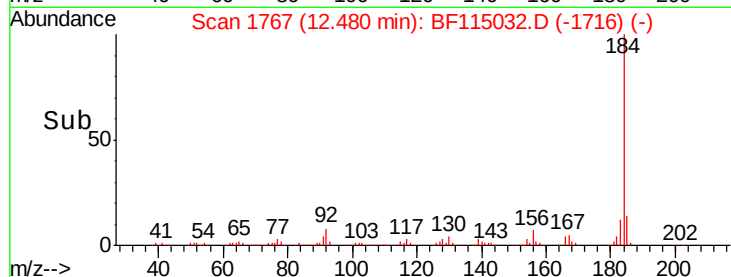
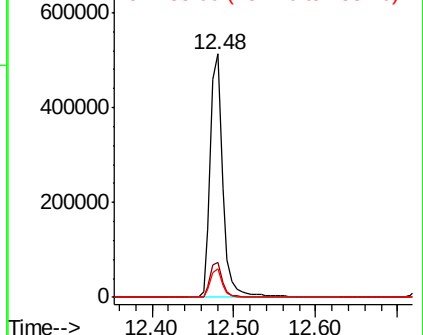
183 11.6 9.8 14.6



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: 40.502 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BF115032.D

Acq: 14 Jun 2019 11:51

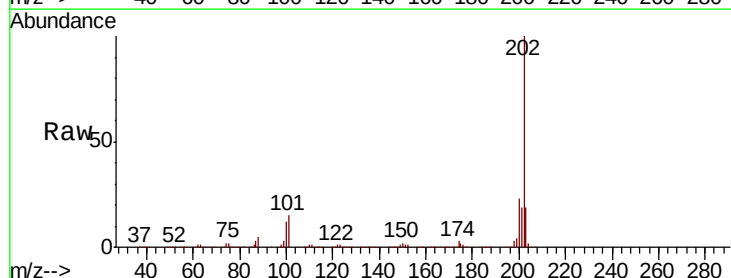
Tgt Ion:202 Resp: 2451108

Ion Ratio Lower Upper

202 100

200 23.5 18.4 27.6

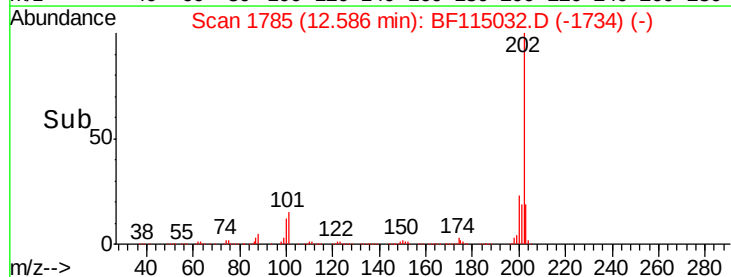
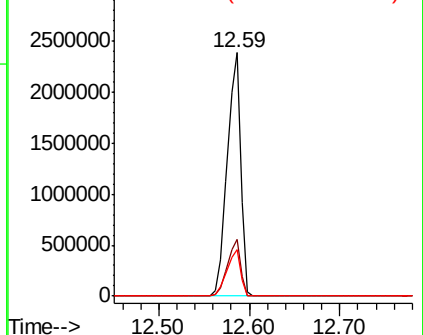
203 19.0 14.9 22.3

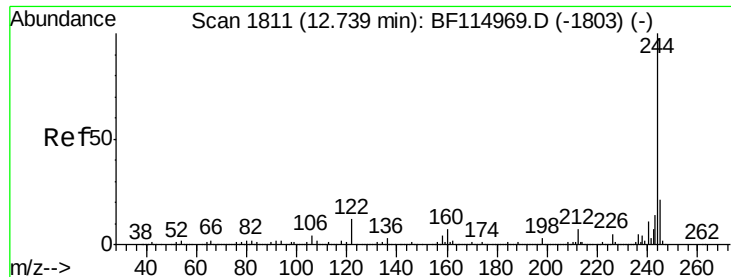


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 89.511 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.00 min

Lab File: BF115032.D

Acq: 14 Jun 2019 11:51

Instrument :

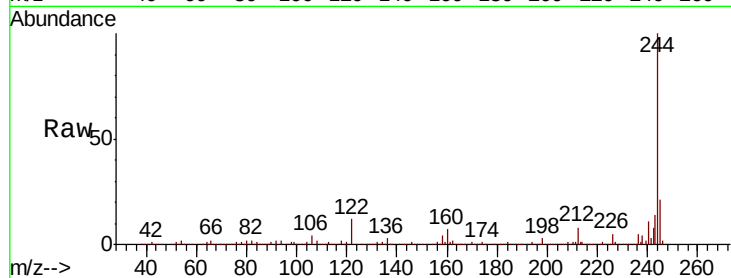
BNA_F

ClientSampleId :

PB120556BS

Tot Ion:244 Resp: 3161550

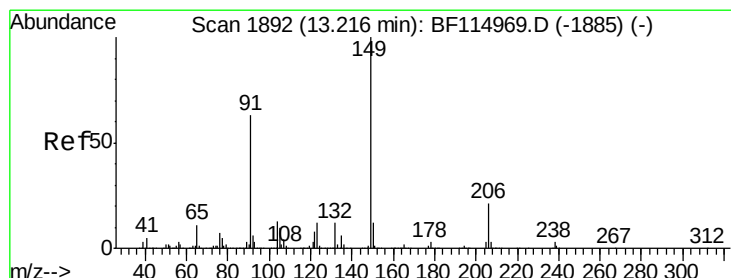
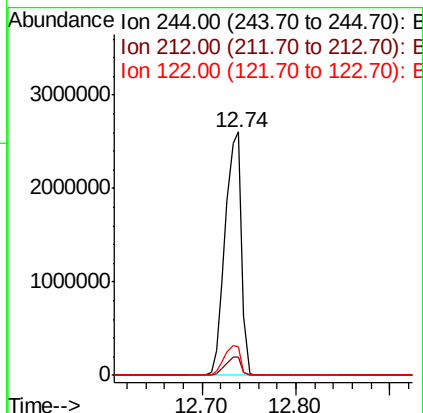
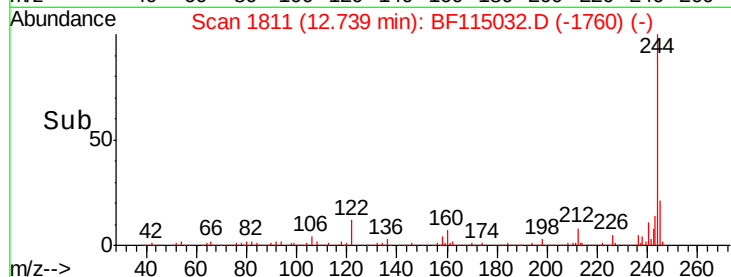
Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	11.5	9.4	14.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.710 ng

RT: 13.21 min Scan# 1891

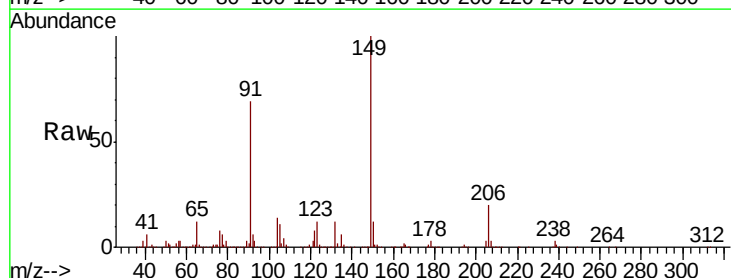
Delta R.T. -0.01 min

Lab File: BF115032.D

Acq: 14 Jun 2019 11:51

Tgt Ion:149 Resp: 1179002

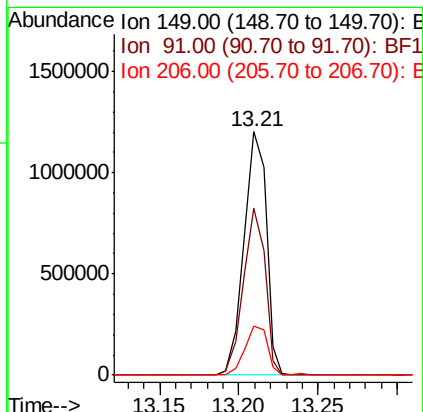
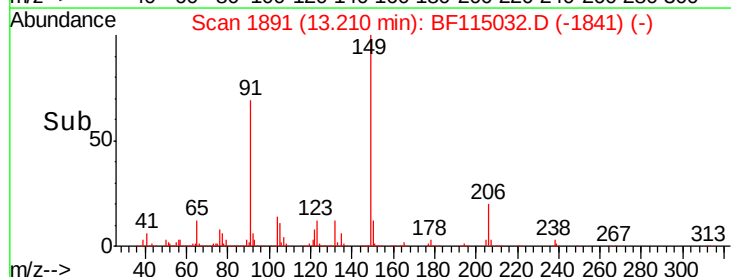
Ion	Ratio	Lower	Upper
149	100		
91	68.7	50.6	76.0
206	20.0	16.7	25.1

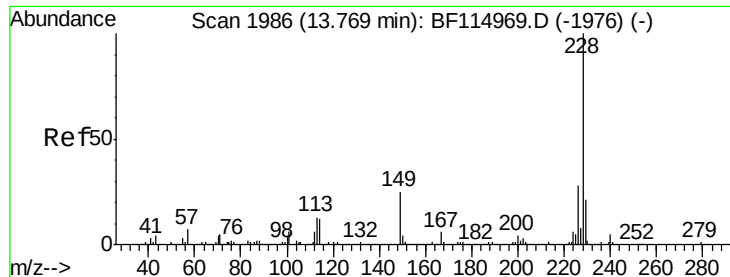


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.336 ng

RT: 13.77 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BF115032.D

Acq: 14 Jun 2019 11:51

Instrument :

BNA_F

ClientSampleId :

PB120556BS

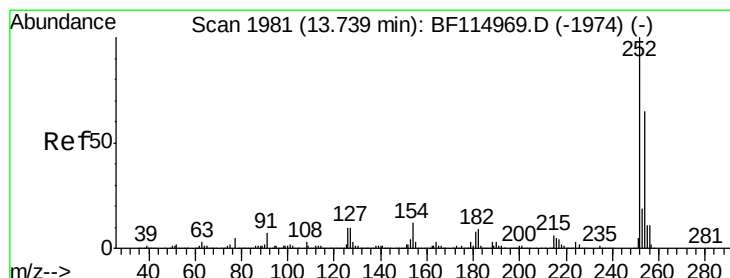
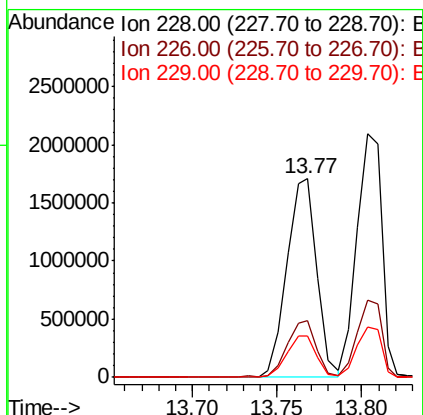
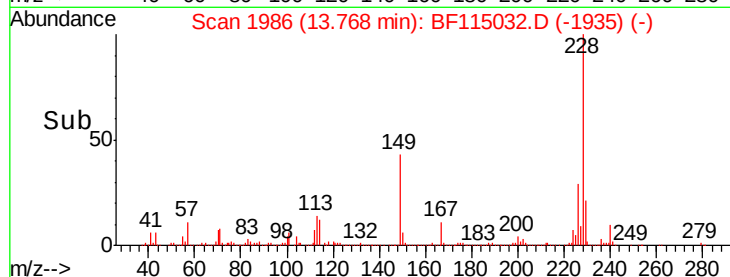
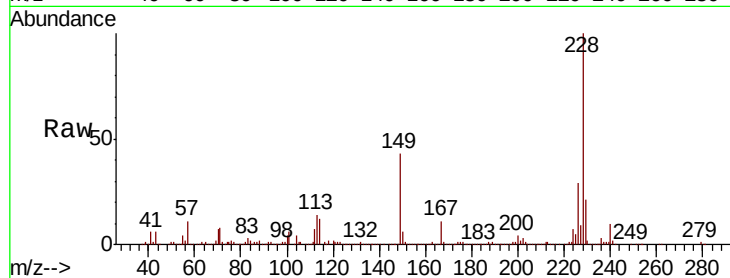
Tot Ion:228 Resp: 2104674

Ion Ratio Lower Upper

228 100

226 28.6 22.0 33.0

229 20.7 16.6 25.0



#82

3,3'-Dichlorobenzidine

Concen: 28.028 ng

RT: 13.73 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BF115032.D

Acq: 14 Jun 2019 11:51

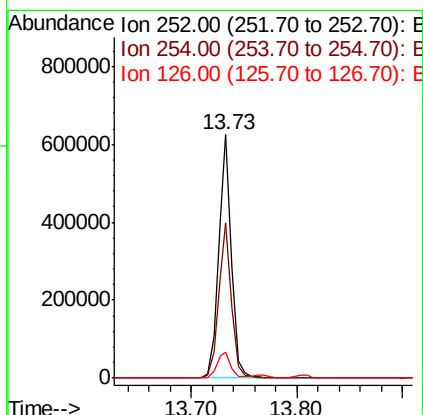
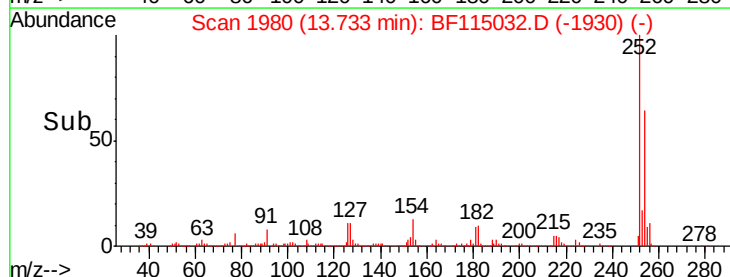
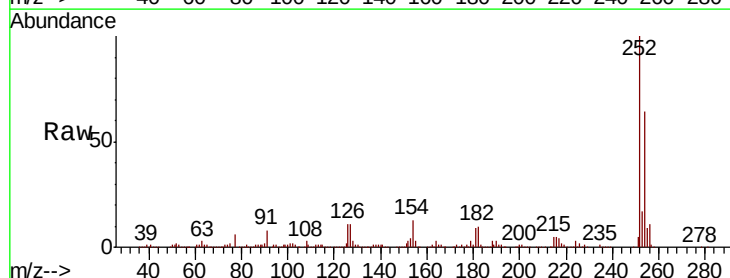
Tgt Ion:252 Resp: 534194

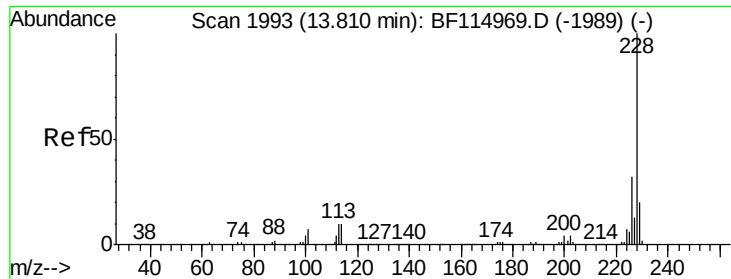
Ion Ratio Lower Upper

252 100

254 63.6 52.2 78.4

126 10.9 8.0 12.0



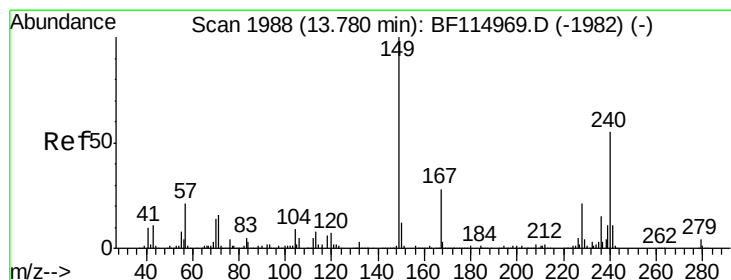
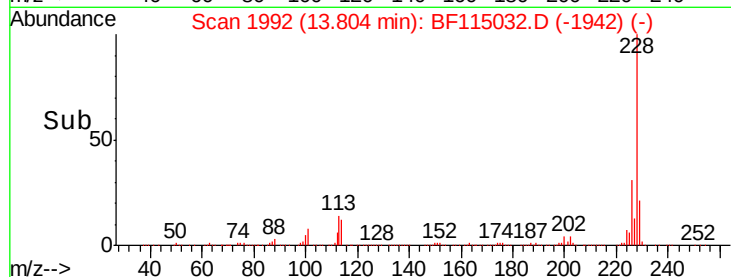
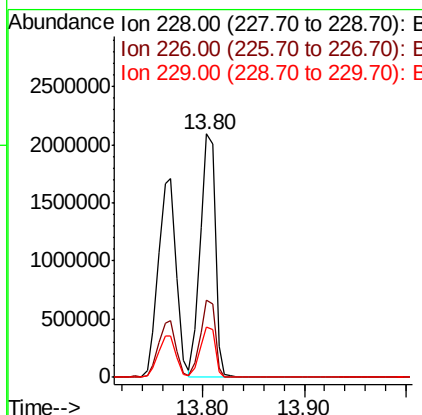
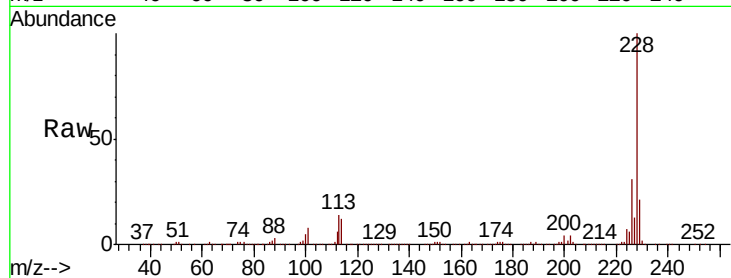


#83
 Chrysene
 Concen: 43.713 ng
 RT: 13.80 min Scan# 1992
 Delta R.T. -0.01 min
 Lab File: BF115032.D
 Acq: 14 Jun 2019 11:51

Instrument :
 BNA_F
 ClientSampleID :
 PB120556BS

Tot Ion:228 Resp: 2160967

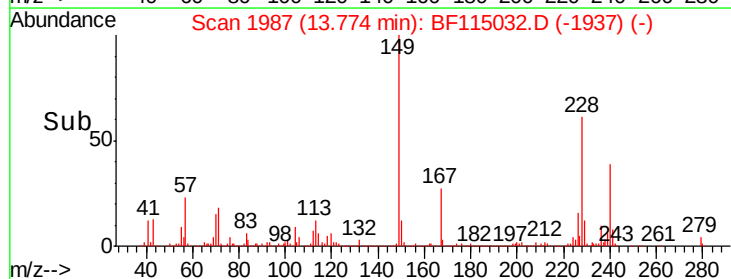
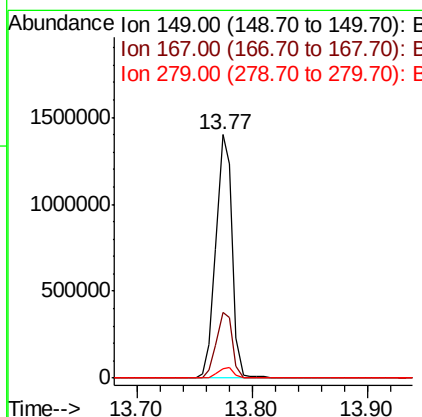
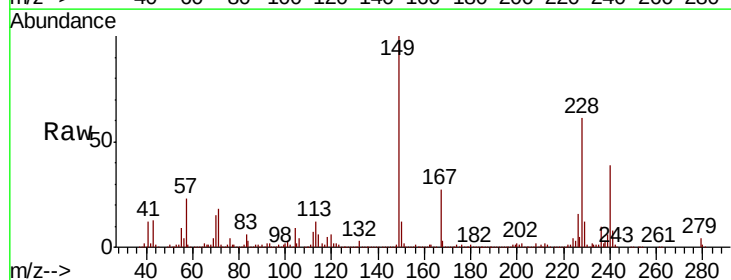
Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.4	38.0
229	20.9	16.4	24.6

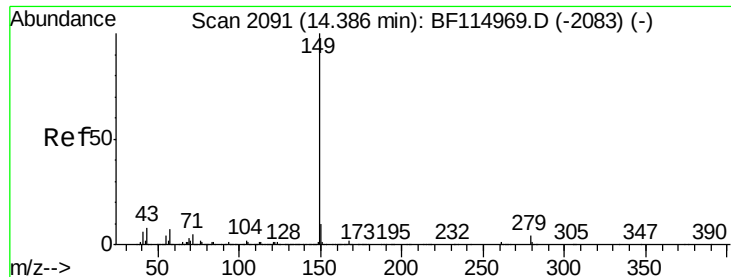


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.825 ng
 RT: 13.77 min Scan# 1987
 Delta R.T. -0.01 min
 Lab File: BF115032.D
 Acq: 14 Jun 2019 11:51

Tgt Ion:149 Resp: 1363896

Ion	Ratio	Lower	Upper
149	100		
167	26.9	22.2	33.4
279	3.7	3.4	5.0

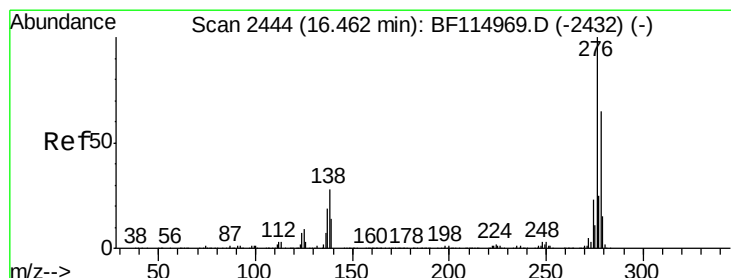
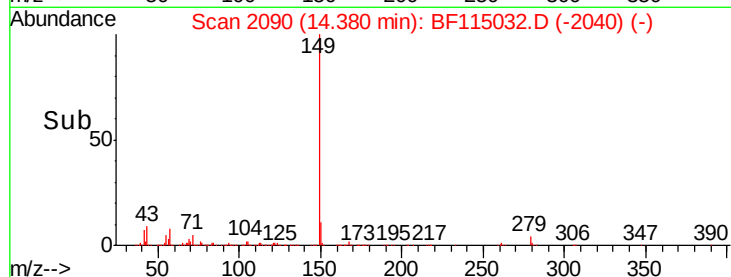
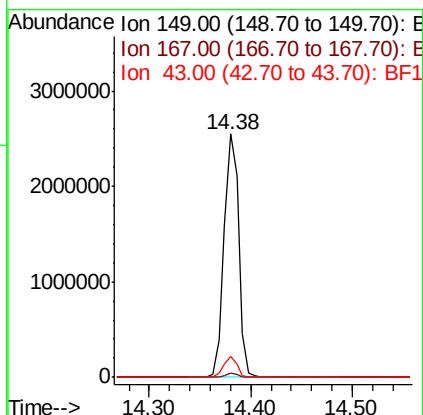
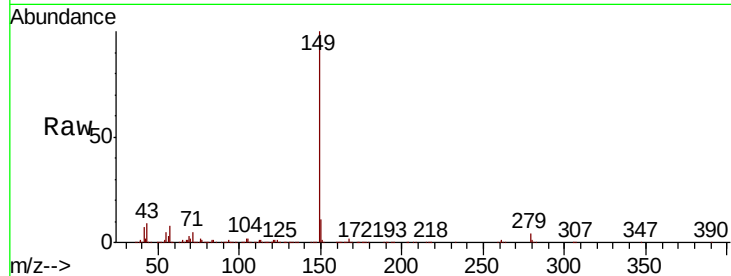




#85
Di-n-octyl phthalate
Concen: 44.231 ng
RT: 14.38 min Scan# 2090
Delta R.T. -0.01 min
Lab File: BF115032.D
Acq: 14 Jun 2019 11:51

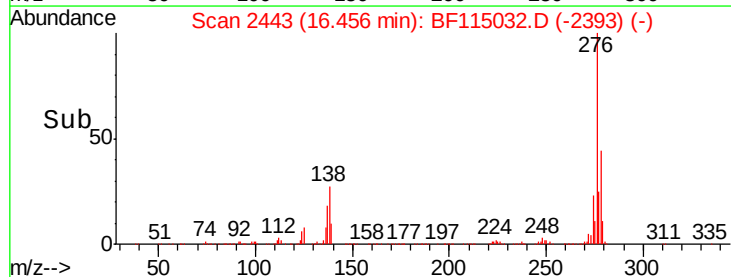
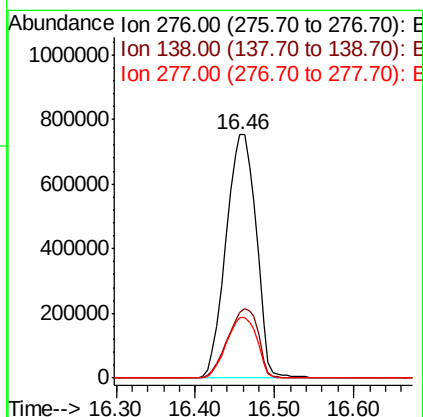
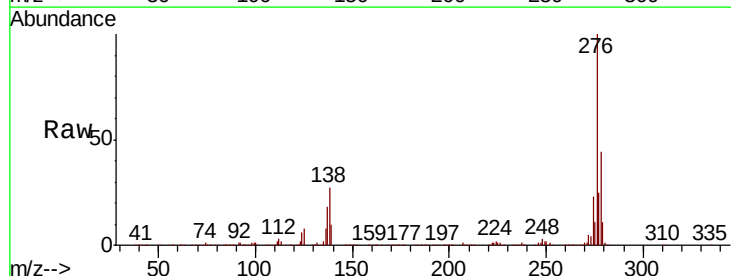
Instrument :
BNA_F
ClientSampleId :
PB120556BS

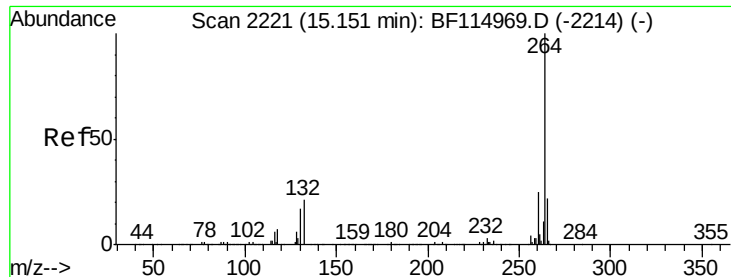
Tot Ion:149 Resp: 2544670
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 7.9 6.5 9.7



#86
Indeno(1,2,3-cd)pyrene
Concen: 45.743 ng
RT: 16.46 min Scan# 2443
Delta R.T. -0.01 min
Lab File: BF115032.D
Acq: 14 Jun 2019 11:51

Tgt Ion:276 Resp: 1986348
Ion Ratio Lower Upper
276 100
138 28.9 23.0 34.4
277 25.5 20.6 30.8

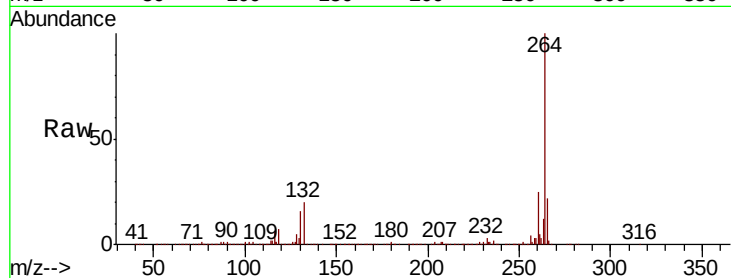




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.00 min
Lab File: BF115032.D
Acq: 14 Jun 2019 11:51

Instrument :
BNA_F
ClientSampleId :
PB120556BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.9	29.9
265	21.8	17.6	26.4

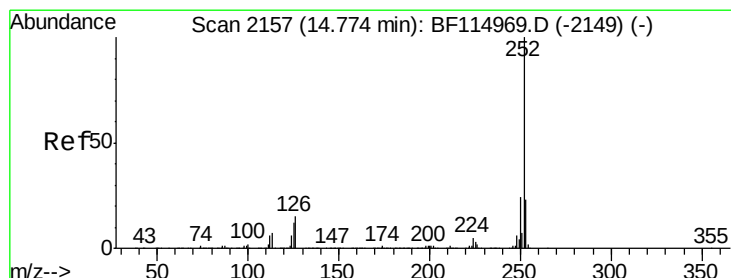
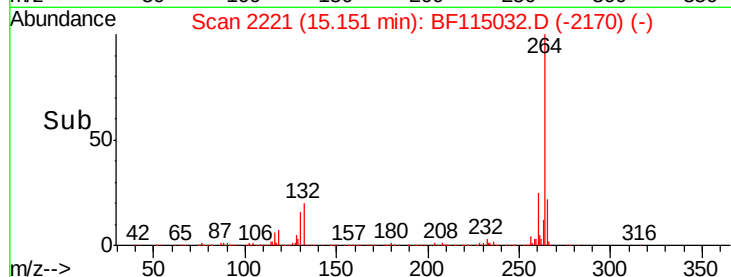
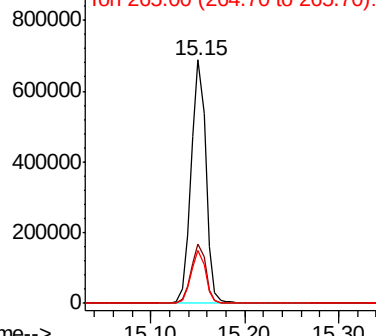


Abundance

Ion 264.00 (263.70 to 264.70): E

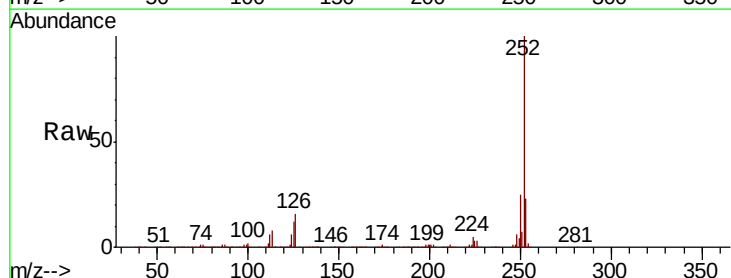
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 44.439 ng
RT: 14.77 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BF115032.D
Acq: 14 Jun 2019 11:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.1	27.1
125	12.1	9.4	14.0

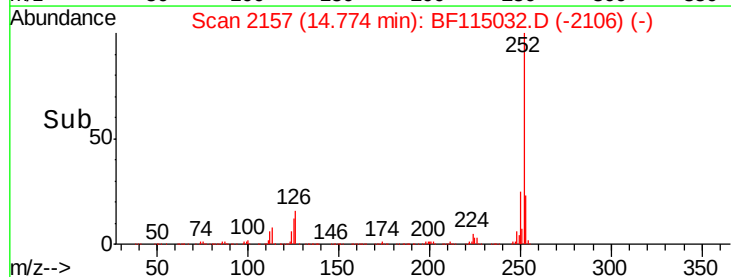
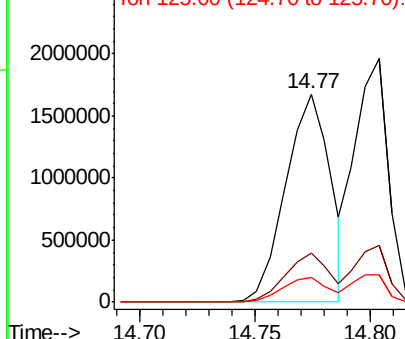


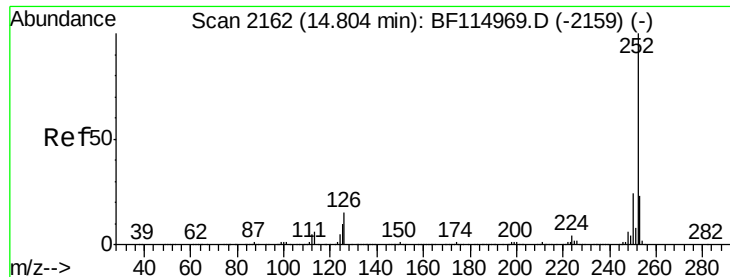
Abundance

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

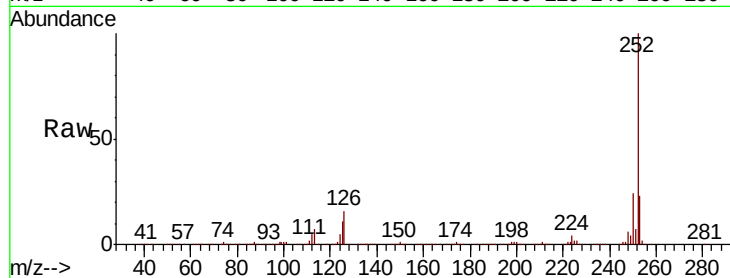




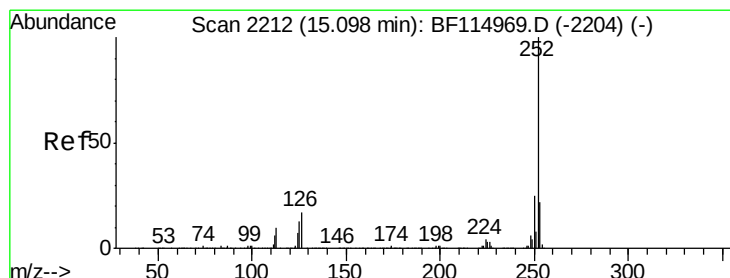
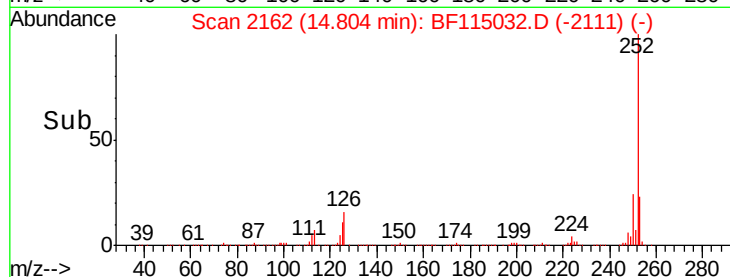
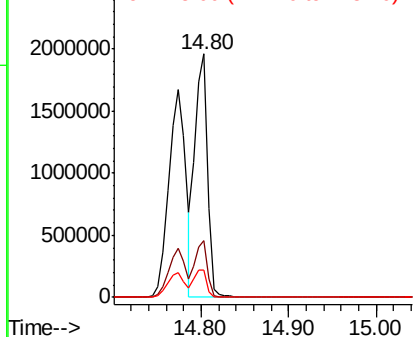
#89
Benzo(k)fluoranthene
Concen: 44.829 ng
RT: 14.80 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BF115032.D
Acq: 14 Jun 2019 11:51

Instrument :
BNA_F
ClientSampleId :
PB120556BS

Tot Ion:252 Resp: 1989861
Ion Ratio Lower Upper
252 100
253 23.2 18.0 27.0
125 11.1 8.2 12.4

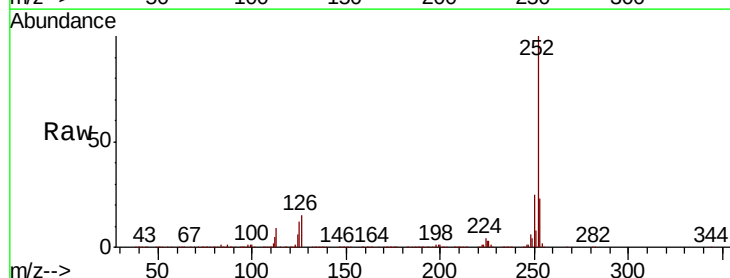


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

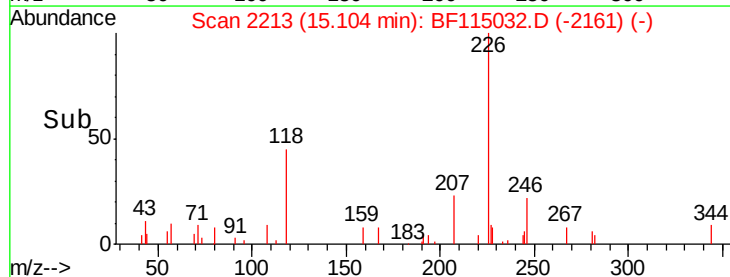
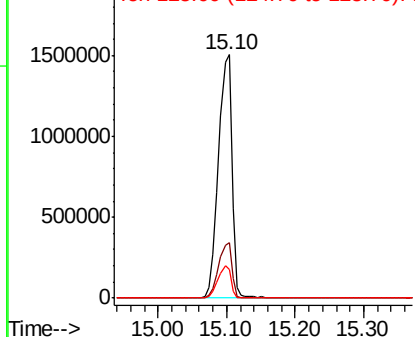


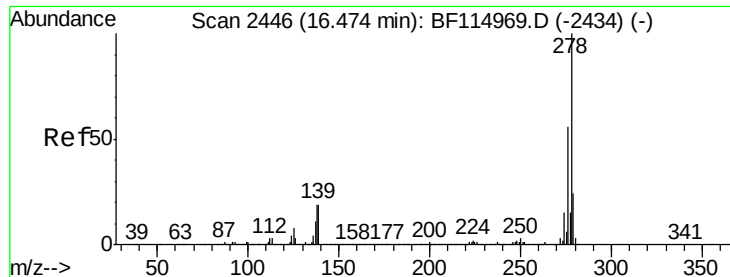
#90
Benzo(a)pyrene
Concen: 46.902 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.01 min
Lab File: BF115032.D
Acq: 14 Jun 2019 11:51

Tgt Ion:252 Resp: 2046689
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 11.9 10.7 16.1



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





#91

Dibenzo(a,h)anthracene

Concen: 43.542 ng

RT: 16.47 min Scan# 2446

Delta R.T. -0.00 min

Lab File: BF115032.D

Acq: 14 Jun 2019 11:51

Instrument :

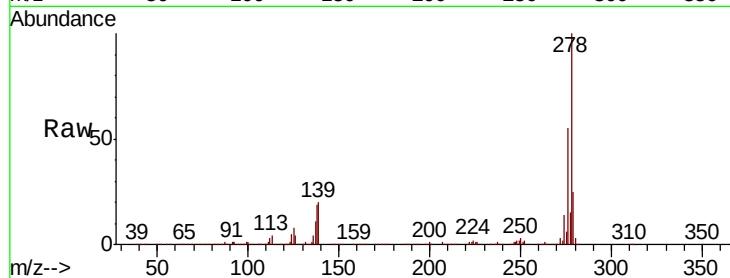
BNA_F

ClientSampleId :

PB120556BS

Tot Ion:278 Resp: 1636321

Ion	Ratio	Lower	Upper
278	100		
139	19.5	15.3	22.9
279	24.7	19.2	28.8

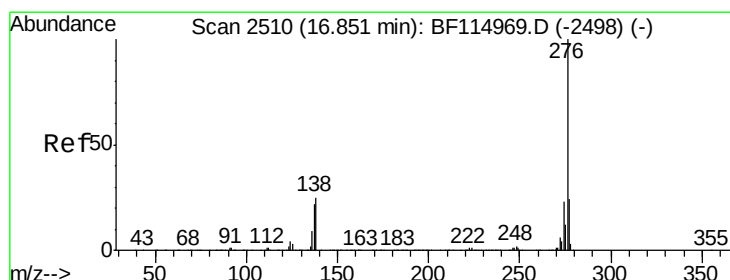
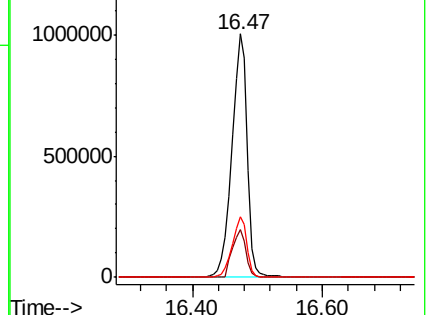
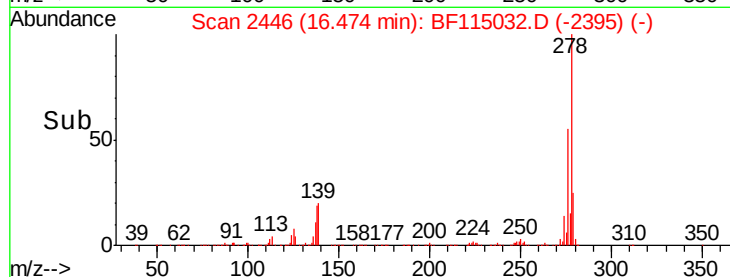


Abundance

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: 43.130 ng

RT: 16.85 min Scan# 2510

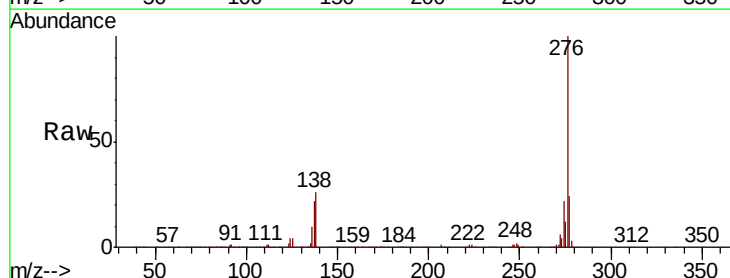
Delta R.T. -0.00 min

Lab File: BF115032.D

Acq: 14 Jun 2019 11:51

Tgt Ion:276 Resp: 1653007

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.8	28.2
138	25.9	20.2	30.4



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

