

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070219\
 Data File : BF115352.D
 Acq On : 2 Jul 2019 9:49
 Operator : HP/JU
 Sample : PB121059BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121059BSD

Quant Time: Jul 02 11:59:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 05:26:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	181164	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	701787	20.00	ng	0.00
39) Acenaphthene-d10	9.63	164	346212	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	692690	20.00	ng	0.01
76) Chrysene-d12	13.73	240	477515	20.00	ng	0.01
87) Perylene-d12	15.09	264	583431	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	847794	72.22	ng	0.02
7) Phenol-d6	6.25	99	1029297	72.24	ng	0.01
23) Nitrobenzene-d5	7.17	82	926575	81.22	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	323593	88.63	ng	0.01
45) 2-Fluorobiphenyl	8.96	172	1845304	90.54	ng	0.00
79) Terphenyl-d14	12.69	244	2018676	89.88	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.25	88	198817	35.884	ng	99
3) Pyridine	2.90	79	475129	30.426	ng	99
4) n-Nitrosodimethylamine	2.85	42	191899	31.346	ng	96
6) Aniline	6.26	93	489163	24.978	ng	# 31
8) 2-Chlorophenol	6.39	128	498346	37.751	ng	97
9) Benzaldehyde	6.14	77	277594	29.861	ng	98
10) Phenol	6.26	94	576932	34.565	ng	86
11) bis(2-Chloroethyl)ether	6.34	93	437605	35.567	ng	99
12) 1,3-Dichlorobenzene	6.54	146	538992	36.790	ng	99
13) 1,4-Dichlorobenzene	6.62	146	550279	37.457	ng	99
14) 1,2-Dichlorobenzene	6.77	146	507820	37.327	ng	99
15) Benzyl Alcohol	6.75	79	268018	25.831	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.89	45	617159	34.585	ng	92
17) 2-Methylphenol	6.87	107	434717	39.896	ng	98
18) Hexachloroethane	7.11	117	192704	36.384	ng	98
19) n-Nitroso-di-n-propylamine	7.02	70	314416	34.466	ng	99
20) 3+4-Methylphenols	7.02	107	510696	40.591	ng	# 72
22) Acetophenone	7.01	105	666262	41.470	ng	# 93
24) Nitrobenzene	7.18	77	492073	39.152	ng	100
25) Isophorone	7.42	82	877905	37.565	ng	99
26) 2-Nitrophenol	7.50	139	275250	44.347	ng	98
27) 2,4-Dimethylphenol	7.55	122	459381	45.204	ng	98
28) bis(2-Chloroethoxy)methane	7.64	93	572928	38.787	ng	100
29) 2,4-Dichlorophenol	7.75	162	435467	41.523	ng	99
30) 1,2,4-Trichlorobenzene	7.83	180	469056	40.491	ng	98
31) Naphthalene	7.91	128	1418332	41.172	ng	99
32) Benzoic acid	7.68	122	291337	40.162	ng	97
33) 4-Chloroaniline	7.95	127	379415	24.099	ng	100
34) Hexachlorobutadiene	8.03	225	253178	39.882	ng	98
35) Caprolactam	8.32	113	107493	30.486	ng	98
36) 4-Chloro-3-methylphenol	8.45	107	435255	40.981	ng	98
37) 2-Methylnaphthalene	8.60	142	971425	41.823	ng	99
38) 1-Methylnaphthalene	8.70	142	902515	40.684	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	424890	43.430	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	484095	83.448	ng	99
43) 2,4,6-Trichlorophenol	8.88	196	300509	39.786	ng	100
44) 2,4,5-Trichlorophenol	8.92	196	341951	43.962	ng	97
46) 1,1'-Biphenyl	9.06	154	1153804	41.651	ng	99
47) 2-Chloronaphthalene	9.08	162	913898	40.671	ng	100
48) 2-Nitroaniline	9.18	65	263922	40.287	ng	92
49) Acenaphthylene	9.50	152	1442908	41.214	ng	99
50) Dimethylphthalate	9.37	163	1054709	41.407	ng	100
51) 2,6-Dinitrotoluene	9.42	165	247603	42.105	ng	99
52) Acenaphthene	9.67	154	827380	37.767	ng	99
53) 3-Nitroaniline	9.58	138	187874	26.180	ng	97
54) 2,4-Dinitrophenol	9.70	184	260550	85.544	ng	92
55) Dibenzofuran	9.84	168	1263005	40.168	ng	100
56) 4-Nitrophenol	9.76	139	419577	72.929	ng	95
57) 2,4-Dinitrotoluene	9.82	165	320563	42.218	ng	96
58) Fluorene	10.18	166	913125	43.381	ng	99
59) 2,3,4,6-Tetrachlorophenol	9.96	232	285755	43.813	ng	96
60) Diethylphthalate	10.07	149	1021110	39.881	ng	99
61) 4-Chlorophenyl-phenylether	10.17	204	441413	44.258	ng	97
62) 4-Nitroaniline	10.20	138	273149	37.942	ng	100
63) Azobenzene	10.33	77	936527	39.160	ng	96
65) 4,6-Dinitro-2-methylphenol	10.23	198	166206	45.395	ng	89
66) n-Nitrosodiphenylamine	10.29	169	875994	40.592	ng	100
67) 4-Bromophenyl-phenylether	10.66	248	301470	40.142	ng	95
68) Hexachlorobenzene	10.72	284	329727	40.448	ng	97
69) Atrazine	10.82	200	283088	40.779	ng	100
70) Pentachlorophenol	10.92	266	397765	76.592	ng	97
71) Phenanthrene	11.13	178	1451249	38.912	ng	99
72) Anthracene	11.18	178	1496941	39.762	ng	100
73) Carbazole	11.34	167	1364882	40.600	ng	100
74) Di-n-butylphthalate	11.68	149	1586875	40.849	ng	99
75) Fluoranthene	12.31	202	1505640	40.462	ng	95
77) Benzidine	12.43	184	706841	33.336	ng	100
78) Pyrene	12.54	202	1538151	41.915	ng	100
80) Butylbenzylphthalate	13.17	149	691098	42.674	ng	97
81) Benzo(a)anthracene	13.72	228	1368033	39.927	ng	100
82) 3,3'-Dichlorobenzidine	13.68	252	419499	33.904	ng	99
83) Chrysene	13.75	228	1343265	42.798	ng	99
84) Bis(2-ethylhexyl)phthalate	13.74	149	910245	42.895	ng	# 99
85) Di-n-octyl phthalate	14.34	149	1600714	44.896	ng	98
86) Indeno(1,2,3-cd)pyrene	16.38	276	1564123	42.116	ng	99
88) Benzo(b)fluoranthene	14.72	252	1444200	39.671	ng	99
89) Benzo(k)fluoranthene	14.72	252	1444200	44.237	ng	97
90) Benzo(a)pyrene	15.04	252	1370258	41.761	ng	99
91) Dibenzo(a,h)anthracene	16.39	278	1281529	41.836	ng	97
92) Benzo(g,h,i)perylene	16.76	276	1298779	41.892	ng	100

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

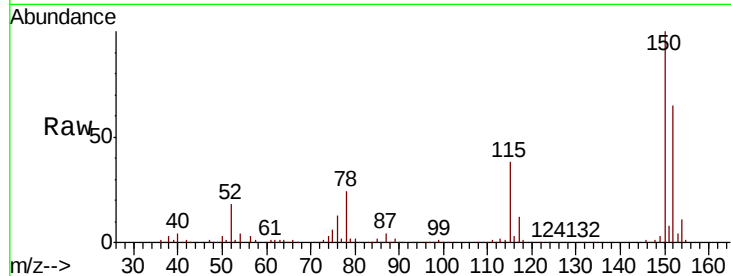


#1

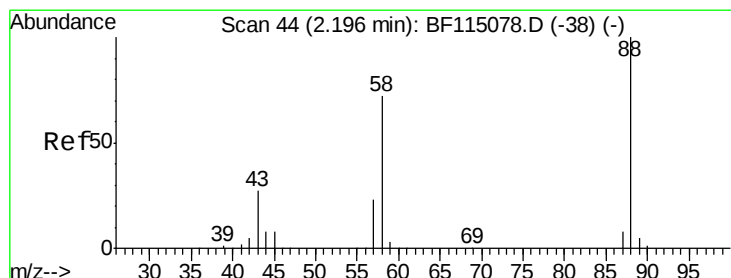
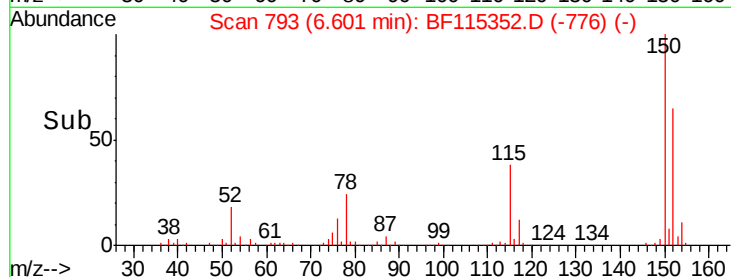
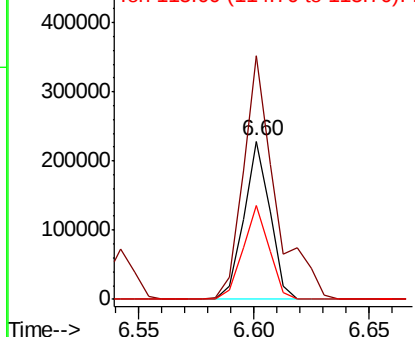
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.60 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF115352.D
 Acq: 2 Jul 2019 9:49

Instrument :
 BNA_F
 ClientSampleId :
 PB121059BSD

Tot Ion:152 Resp: 181164
 Ion Ratio Lower Upper
 152 100
 150 153.9 124.2 186.2
 115 59.0 46.1 69.1



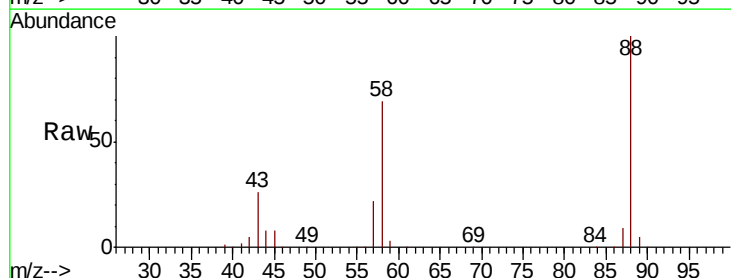
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



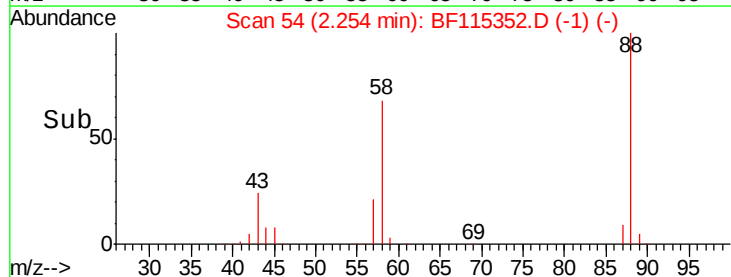
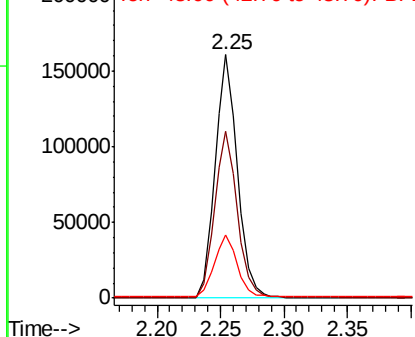
#2

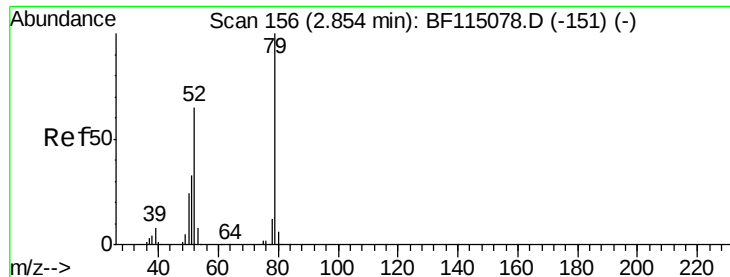
1,4-Dioxane
 Concen: 35.884 ng
 RT: 2.25 min Scan# 54
 Delta R.T. 0.10 min
 Lab File: BF115352.D
 Acq: 2 Jul 2019 9:49

Tgt Ion: 88 Resp: 198817
 Ion Ratio Lower Upper
 88 100
 58 69.5 56.1 84.1
 43 25.9 21.3 31.9



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





#3

Pvridine

Concen: 30.426 ng

RT: 2.90 min Scan# 164

Delta R.T. 0.10 min

Lab File: BF115352.D

Acq: 2 Jul 2019 9:49

Instrument :

BNA_F

ClientSampleId :

PB121059BSD

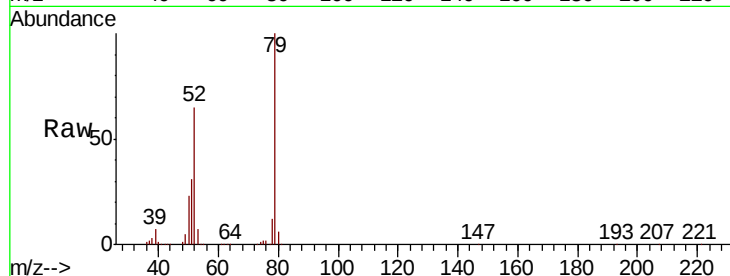
Tot Ion: 79 Resp: 475129

Ion Ratio Lower Upper

79 100

52 65.4 52.3 78.5

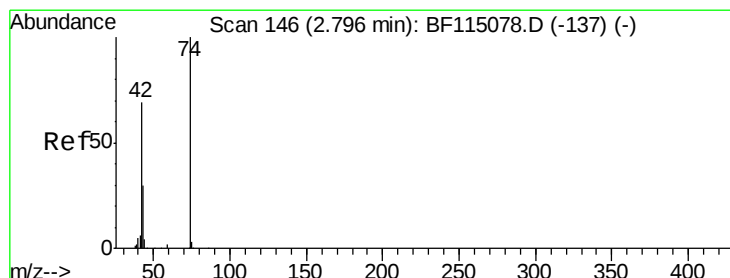
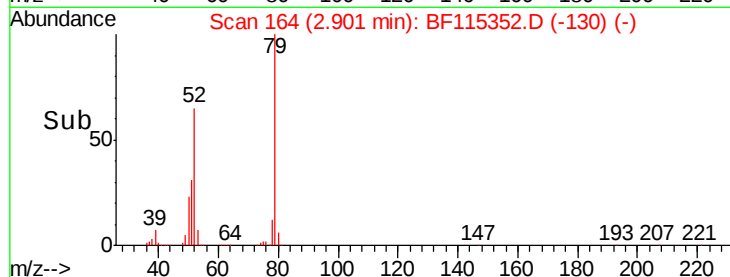
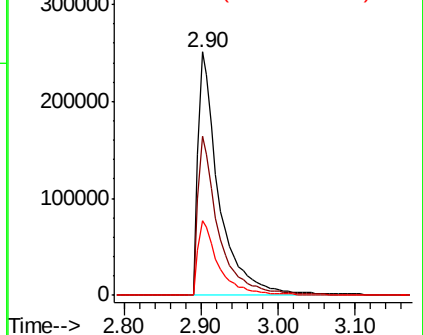
51 30.9 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 31.346 ng

RT: 2.85 min Scan# 155

Delta R.T. 0.10 min

Lab File: BF115352.D

Acq: 2 Jul 2019 9:49

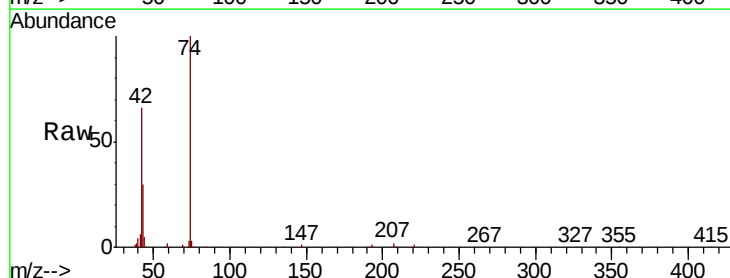
Tgt Ion: 42 Resp: 191899

Ion Ratio Lower Upper

42 100

74 151.1 116.6 175.0

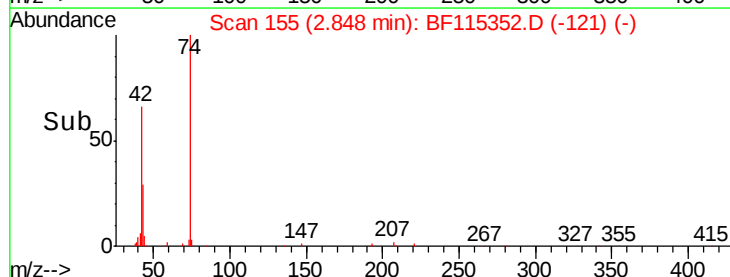
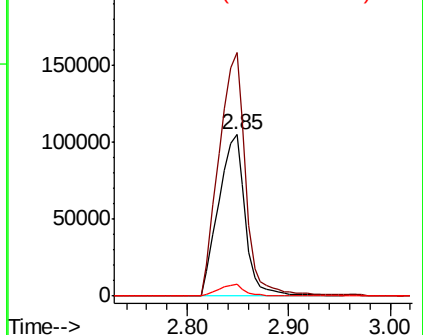
44 7.3 5.3 7.9



Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 72.216 ng

RT: 5.21 min Scan# 556

Delta R.T. 0.02 min

Lab File: BF115352.D

Acq: 2 Jul 2019 9:49

Instrument :

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ClientSampleId :

PB121059BSD

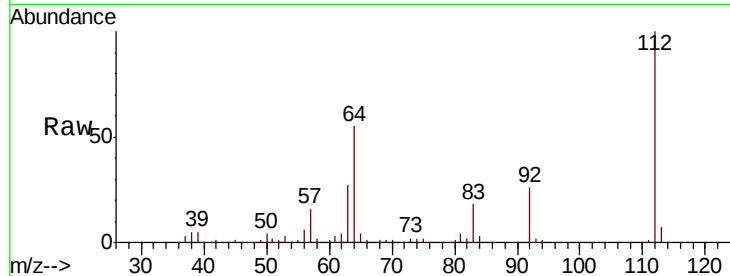
Tot Ion: 112 Resp: 847794

Ion Ratio Lower Upper

112 100

64 54.5 43.8 65.6

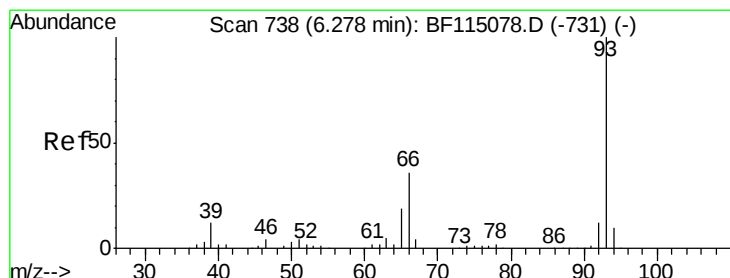
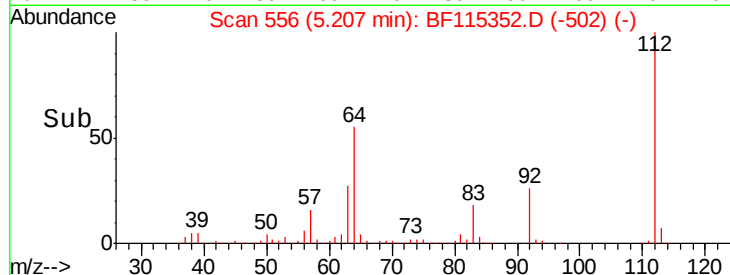
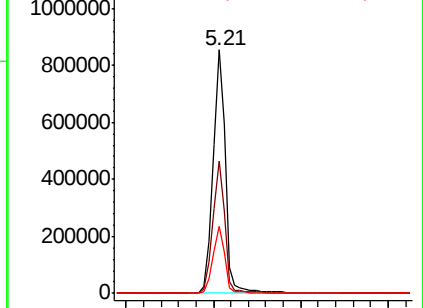
63 27.4 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.978 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF115352.D

Acq: 2 Jul 2019 9:49

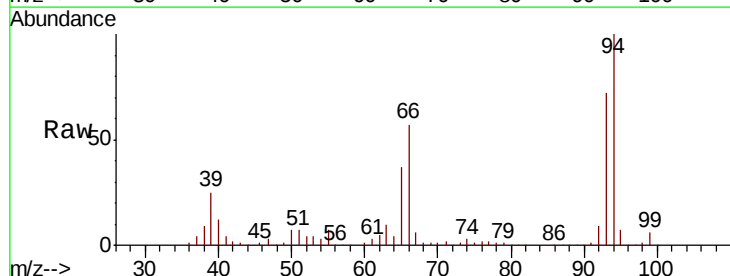
Tgt Ion: 93 Resp: 489163

Ion Ratio Lower Upper

93 100

66 79.2 30.0 45.0#

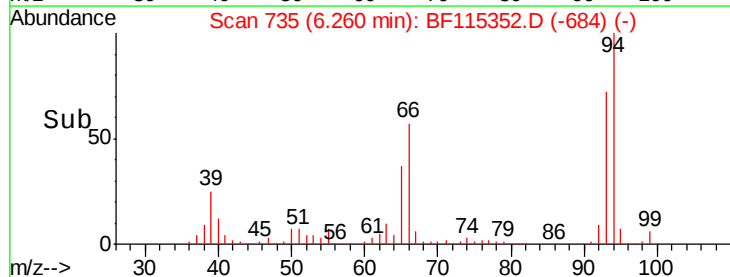
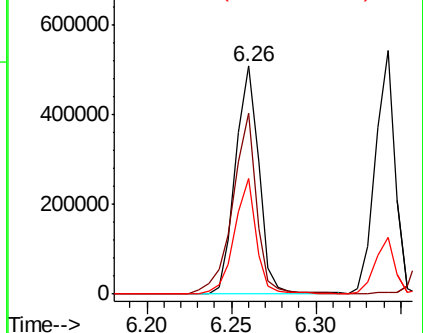
65 50.9 15.6 23.4#

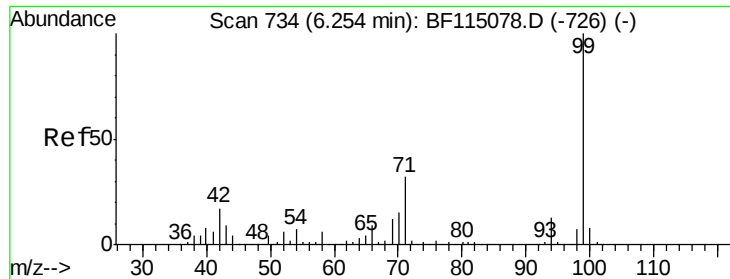


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 72.236 ng

RT: 6.25 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF115352.D

Acq: 2 Jul 2019 9:49

Instrument :

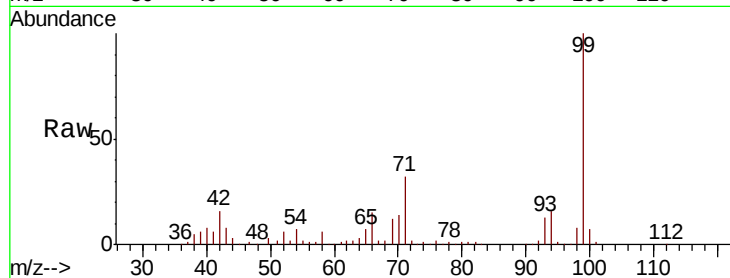
BNA_F

ClientSampleId :

PB121059BSD

Tot Ion: 99 Resp: 1029297

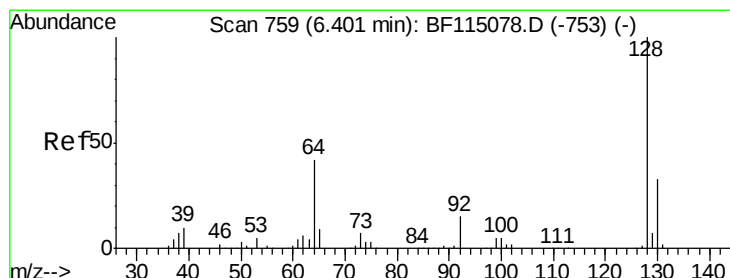
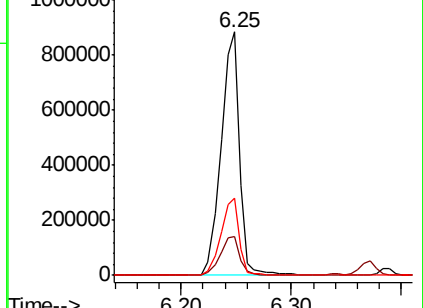
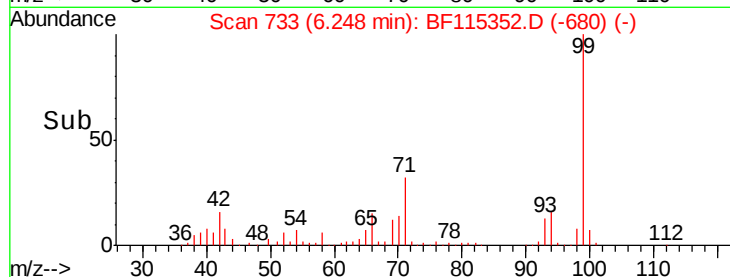
Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.6	20.4
71	31.5	25.5	38.3



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 37.751 ng

RT: 6.39 min Scan# 757

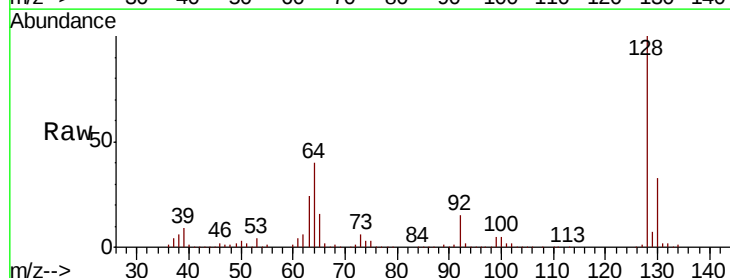
Delta R.T. 0.01 min

Lab File: BF115352.D

Acq: 2 Jul 2019 9:49

Tgt Ion: 128 Resp: 498346

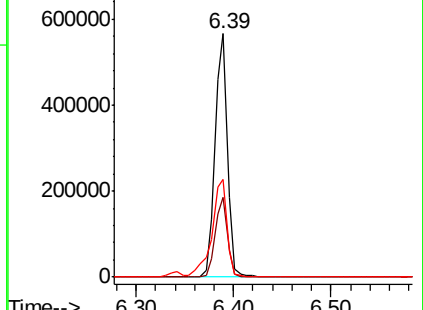
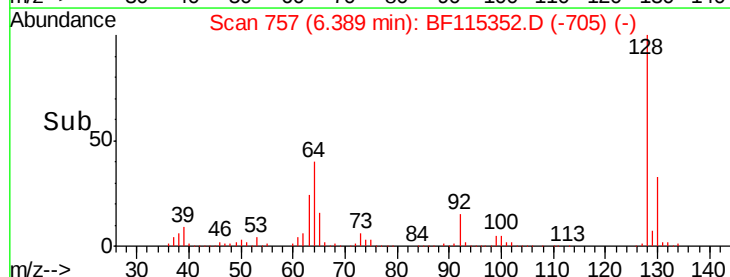
Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.9	52.9
64	40.1	22.9	62.9

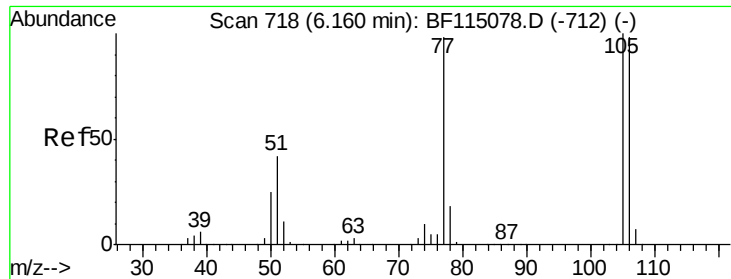


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 29.861 ng

RT: 6.14 min Scan# 715

Delta R.T. 0.00 min

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Instrument :

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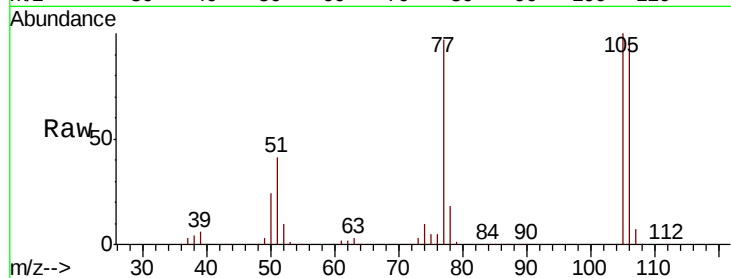
Tot Ion: 77 Resp: 277594

Ion Ratio Lower Upper

77 100

105 103.1 81.5 121.5

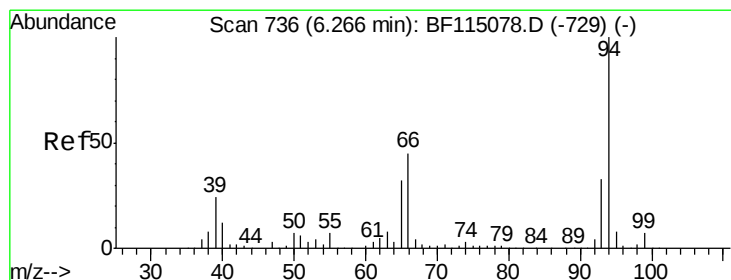
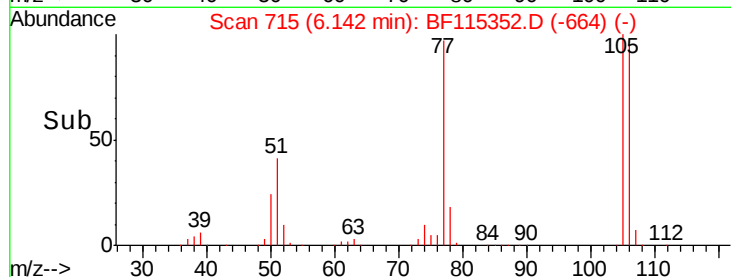
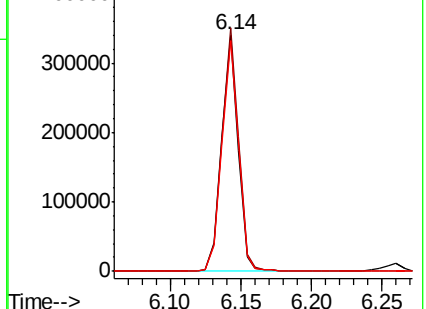
106 97.8 79.7 119.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 34.565 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF115352.D

Acq: 2 Jul 2019 9:49

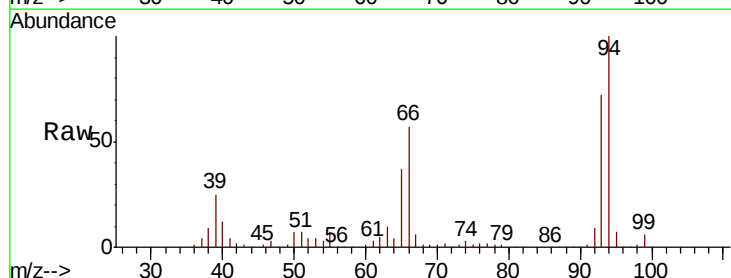
Tgt Ion: 94 Resp: 576932

Ion Ratio Lower Upper

94 100

65 36.6 11.9 51.9

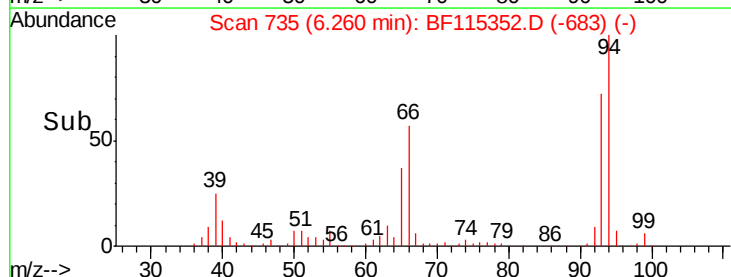
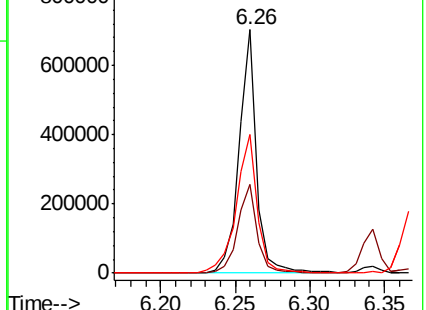
66 57.1 25.2 65.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

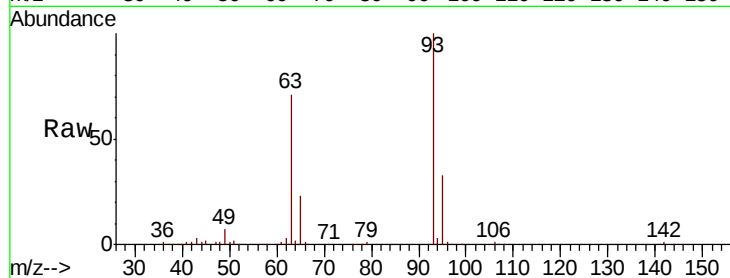




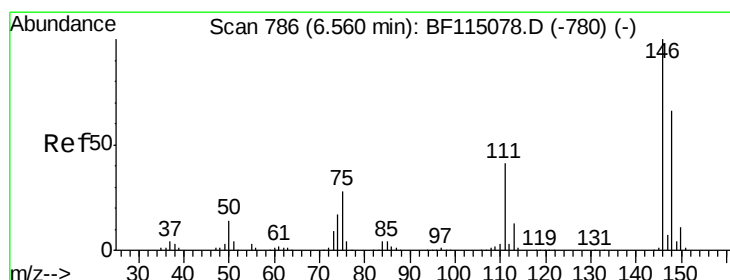
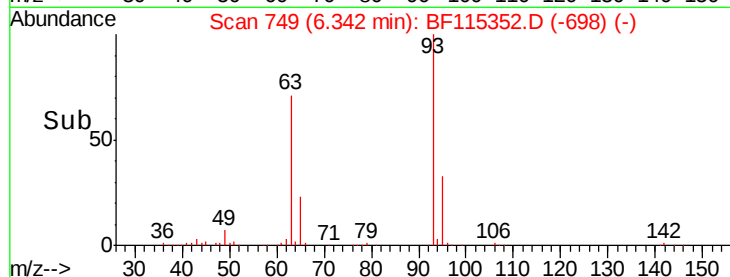
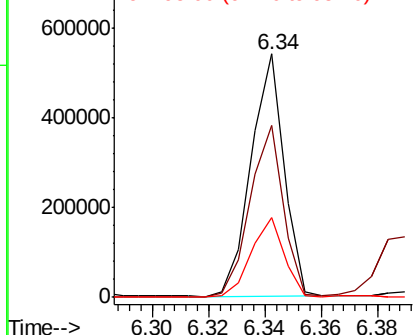
#11
bis(2-Chloroethyl)ether
Concen: 35.567 ng
RT: 6.34 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF115352.D
Acq: 2 Jul 2019 9:49

Instrument :
BNA_F
ClientSampleId :
PB121059BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	70.5	51.5	91.5
95	32.9	13.4	53.4

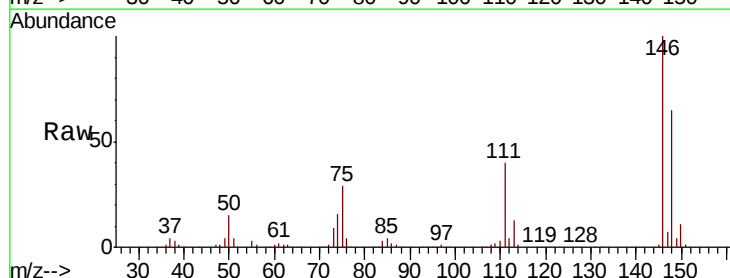


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

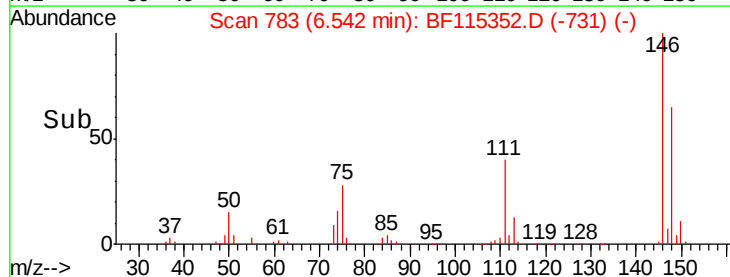
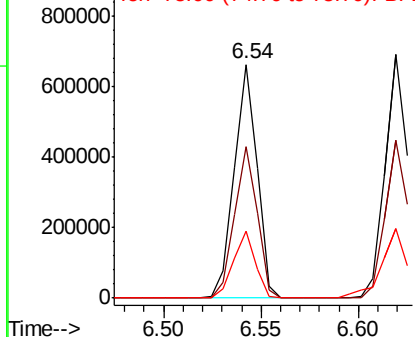


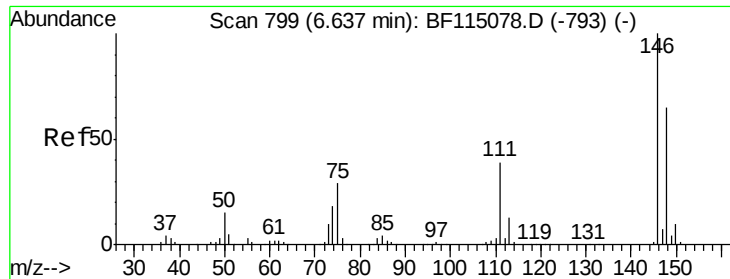
#12
1,3-Dichlorobenzene
Concen: 36.790 ng
RT: 6.54 min Scan# 783
Delta R.T. 0.01 min
Lab File: BF115352.D
Acq: 2 Jul 2019 9:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.6	78.8
75	28.5	22.6	34.0



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

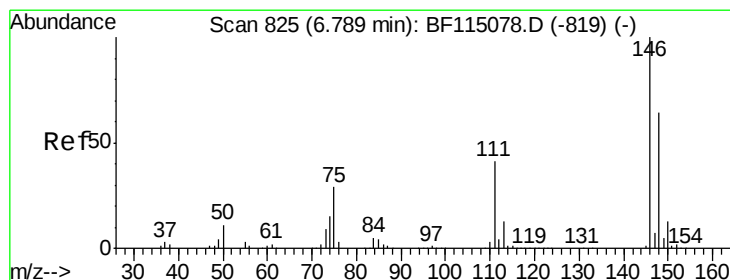
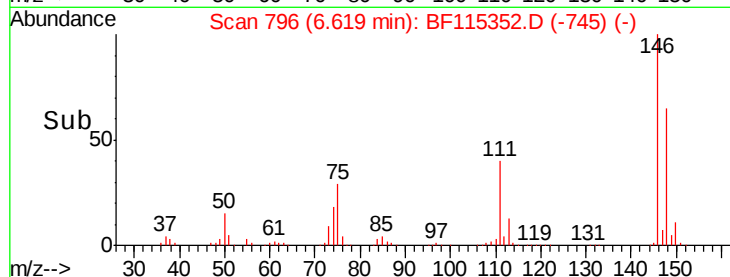
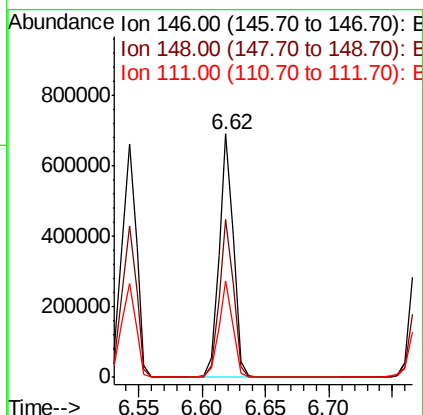
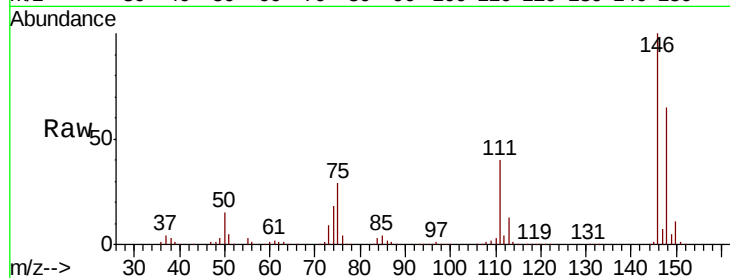




#13
 1,4-Dichlorobenzene
 Concen: 37.457 ng
 RT: 6.62 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF115352.D
 Acq: 2 Jul 2019 9:49

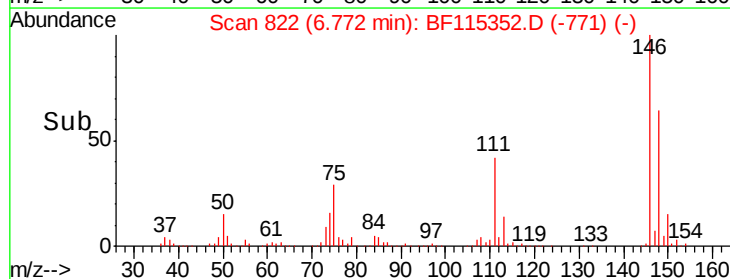
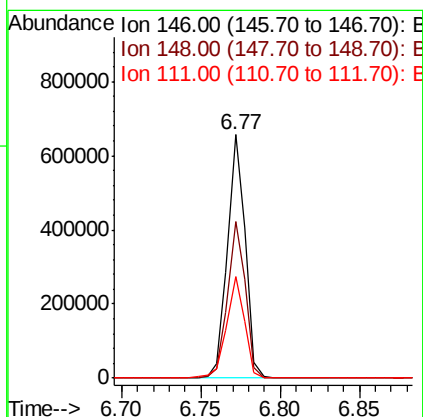
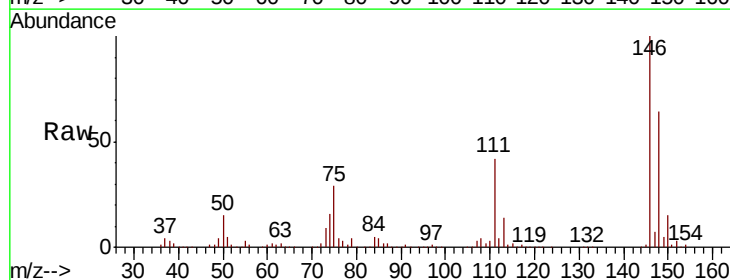
Instrument :
 BNA_F
 ClientSampleId :
 PB121059BSD

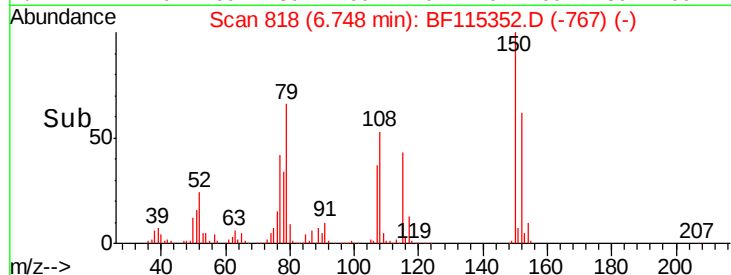
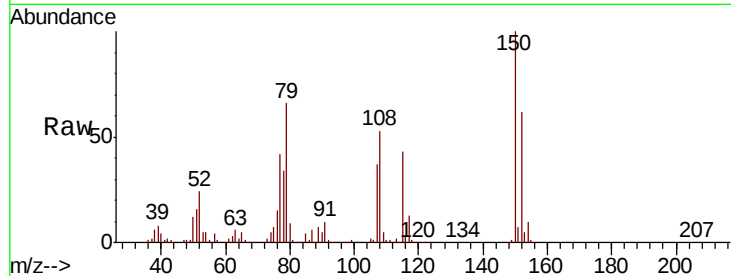
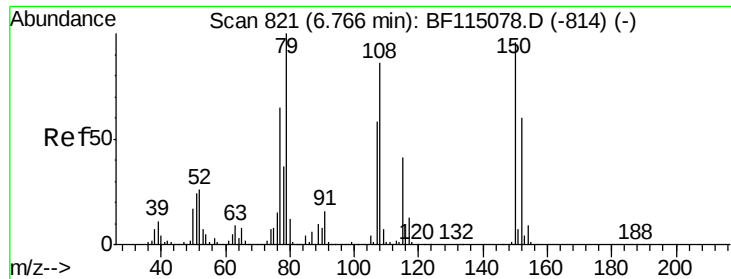
Tot Ion:146 Resp: 550279
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.9 77.9
 111 39.8 31.4 47.0



#14
 1,2-Dichlorobenzene
 Concen: 37.327 ng
 RT: 6.77 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF115352.D
 Acq: 2 Jul 2019 9:49

Tgt Ion:146 Resp: 507820
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.1 76.7
 111 41.8 33.2 49.8

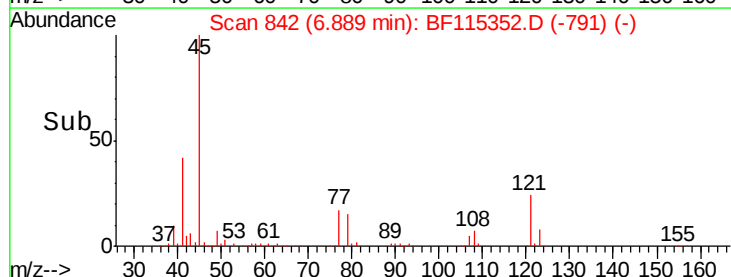
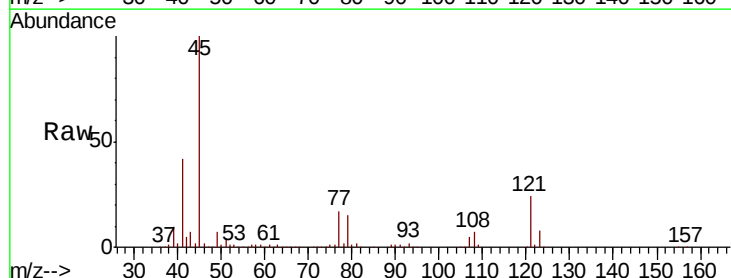
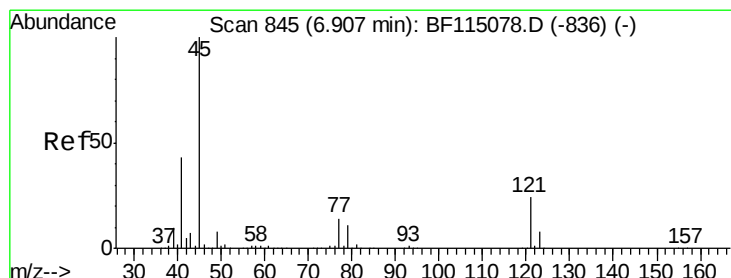
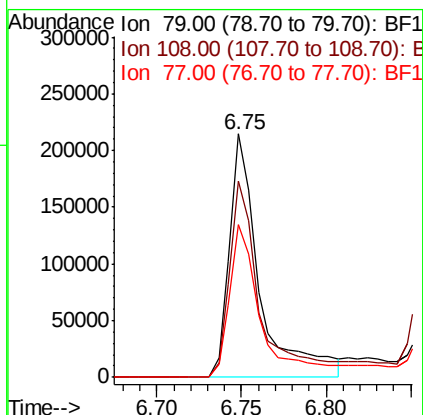




#15
Benzyl Alcohol
Concen: 25.831 ng
RT: 6.75 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF115352.D
Acq: 2 Jul 2019 9:49

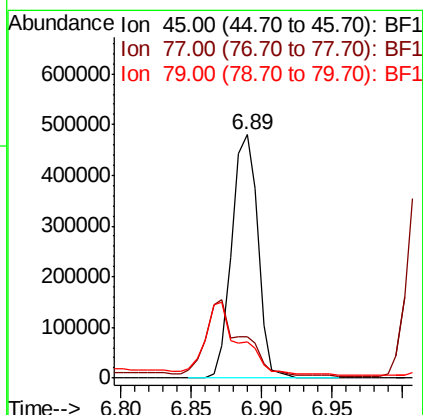
Tot Ion	79	108	77
Resp	268018	80.6	62.8
Lower		68.7	51.7
Upper		103.1	77.5

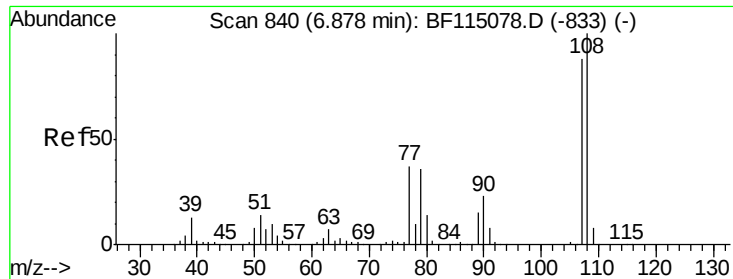
Instrument :
BNA_F
ClientSampleId :
PB121059BSD



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.585 ng
RT: 6.89 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF115352.D
Acq: 2 Jul 2019 9:49

Tgt Ion	45	77	79
Resp	617159	17.2	14.9
Lower		0.0	0.0
Upper		34.6	31.2

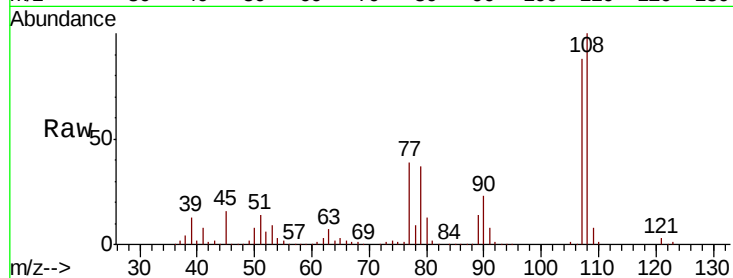




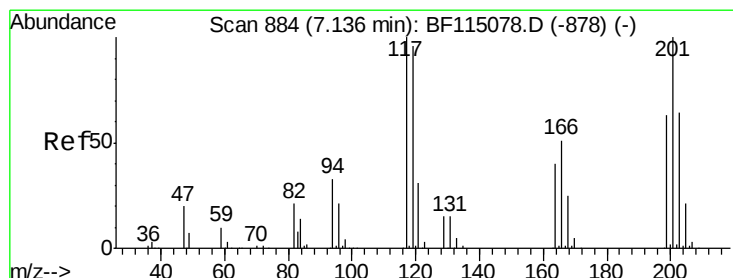
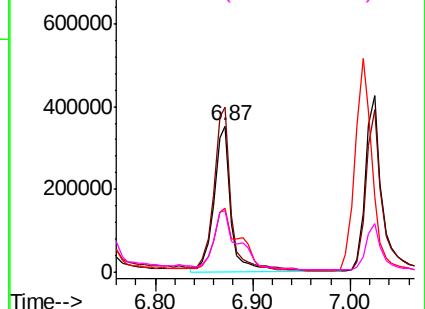
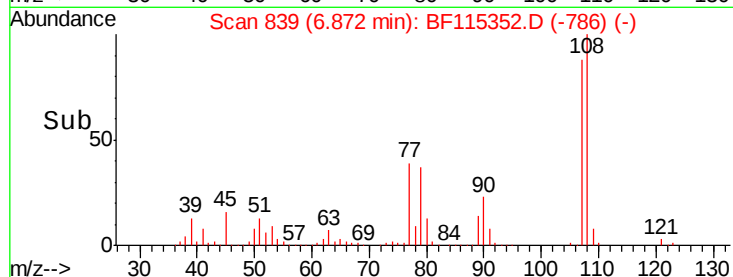
#17
2-Methylphenol
Concen: 39.896 ng
RT: 6.87 min Scan# 839
Delta R.T. 0.01 min
Lab File: BF115352.D
Acq: 2 Jul 2019 9:49

Instrument :
BNA_F
ClientSampleId :
PB121059BSD

Tot Ion:	107	Resp:	434717
Ion	Ratio	Lower	Upper
107	100		
108	113.1	90.9	136.3
77	43.6	33.4	50.2
79	42.4	32.3	48.5

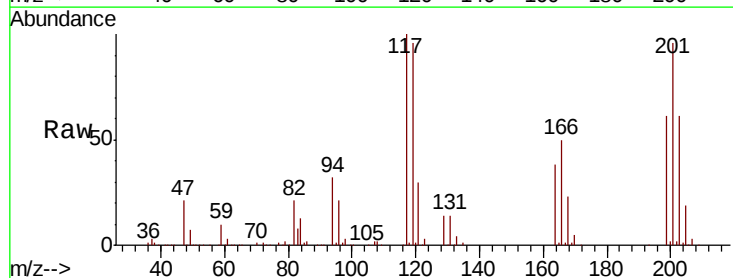


Abundance Ion 107.00 (106.70 to 107.70): E
800000
Ion 108.00 (107.70 to 108.70): E
600000
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

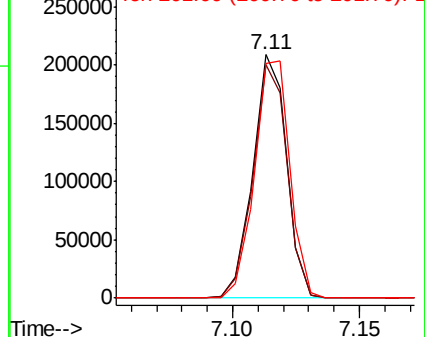
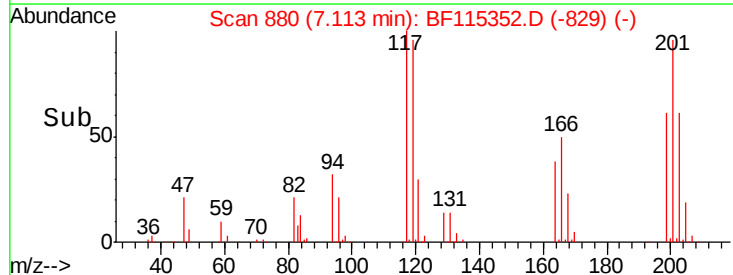


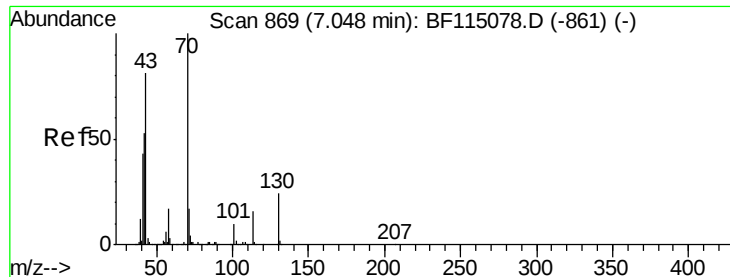
#18
Hexachloroethane
Concen: 36.384 ng
RT: 7.11 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF115352.D
Acq: 2 Jul 2019 9:49

Tgt Ion:	117	Resp:	192704
Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.6	114.8
201	96.2	80.2	120.2



Abundance Ion 117.00 (116.70 to 117.70): E
250000
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

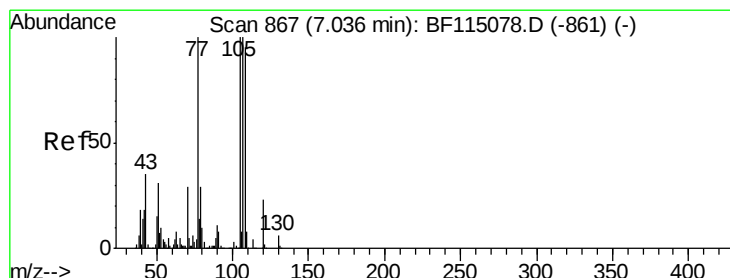
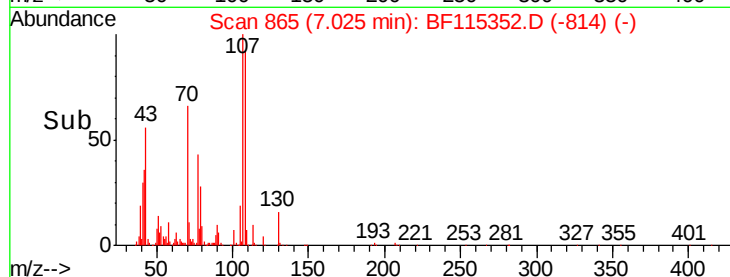
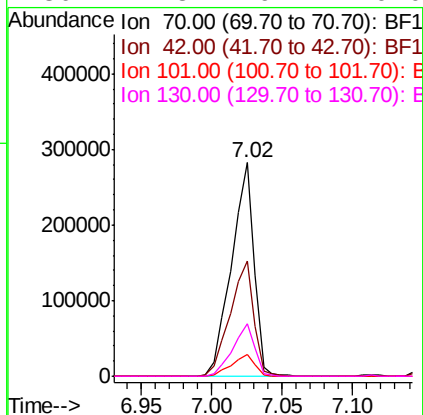
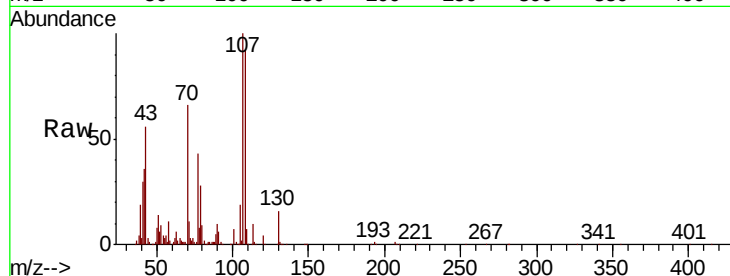




#19
n-Nitroso-di-n-propylamine
Concen: 34.466 ng
RT: 7.02 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF115352.D
Acq: 2 Jul 2019 9:49

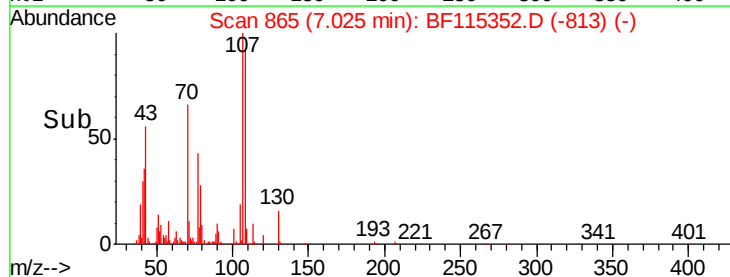
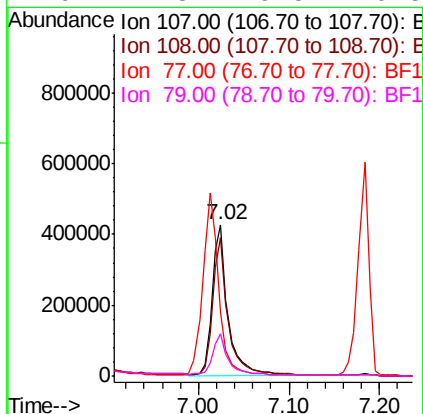
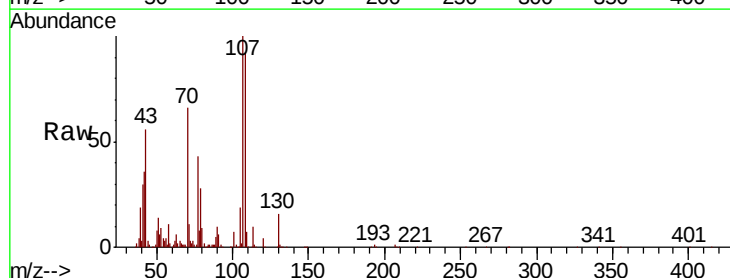
Instrument :
BNA_F
ClientSampleId :
PB121059BSD

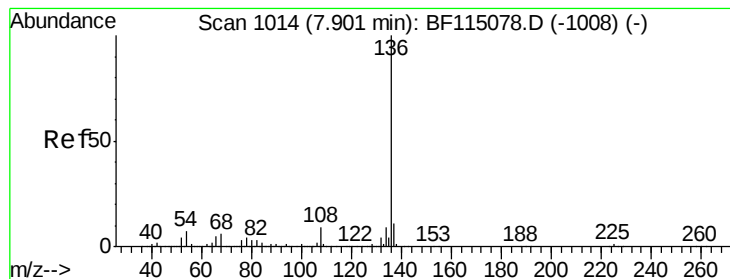
Tot Ion	Ratio	Lower	Upper
70	100		
42	53.8	42.6	63.8
101	10.3	8.0	12.0
130	24.8	19.4	29.0



#20
3+4-Methylphenols
Concen: 40.591 ng
RT: 7.02 min Scan# 865
Delta R.T. 0.01 min
Lab File: BF115352.D
Acq: 2 Jul 2019 9:49

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.6	75.5	115.5
77	42.7	80.2	120.2#
79	27.8	9.5	49.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.88 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF115352.D

Acq: 2 Jul 2019 9:49

Instrument :

BNA_F

ClientSampleId :

PB121059BSD

Tot Ion:136 Resp: 701787

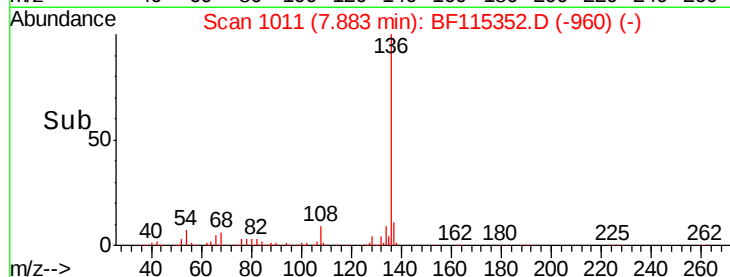
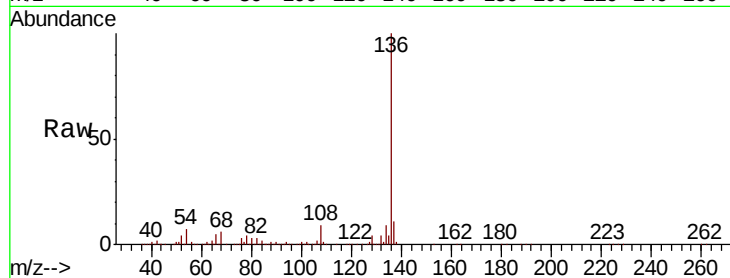
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 6.9 5.6 8.4

68 6.1 4.8 7.2



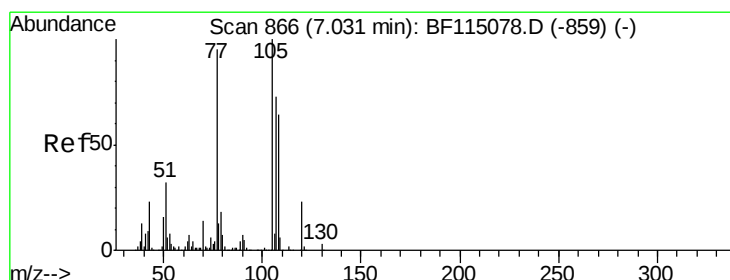
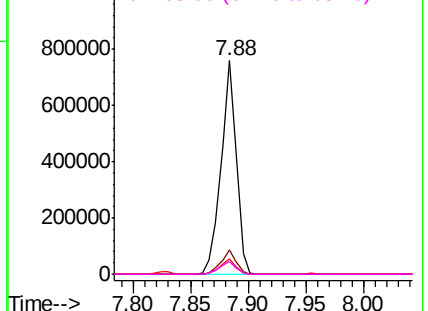
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.470 ng

RT: 7.01 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF115352.D

Acq: 2 Jul 2019 9:49

Tgt Ion:105 Resp: 666262

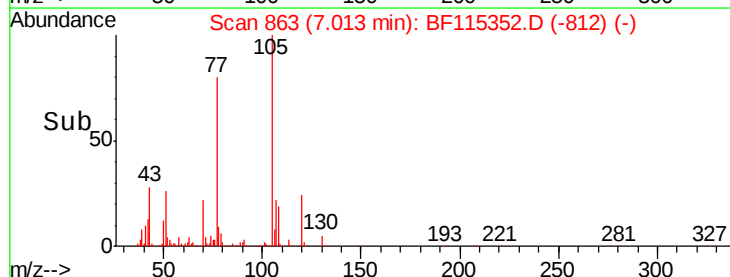
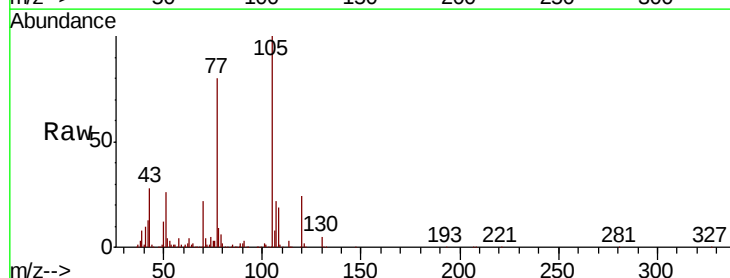
Ion Ratio Lower Upper

105 100

71 3.6 1.9 2.9#

51 25.8 25.8 38.8

120 23.7 18.5 27.7



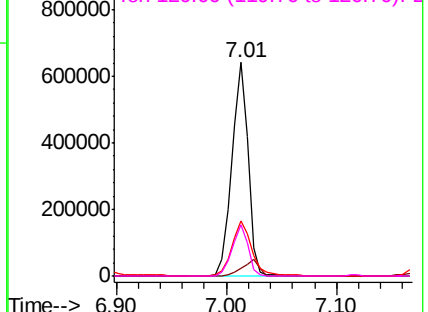
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 81.219 ng

RT: 7.17 min Scan# 889

Delta R.T. 0.00 min

Lab File: BF115352.D

Acq: 2 Jul 2019 9:49

Instrument :

BNA_F

ClientSampleId :

PB121059BSD

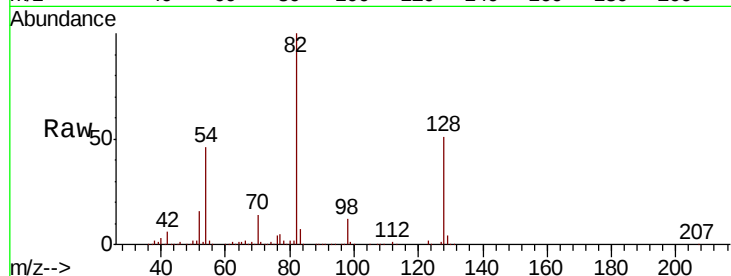
Tot Ion: 82 Resp: 926575

Ion Ratio Lower Upper

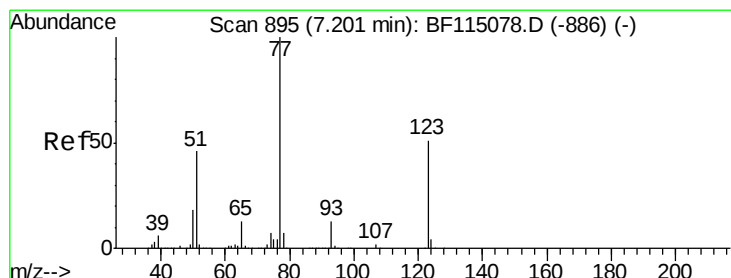
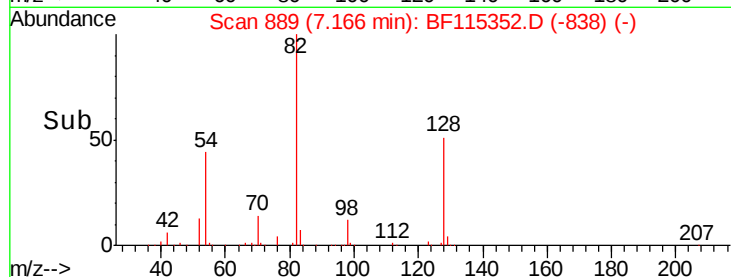
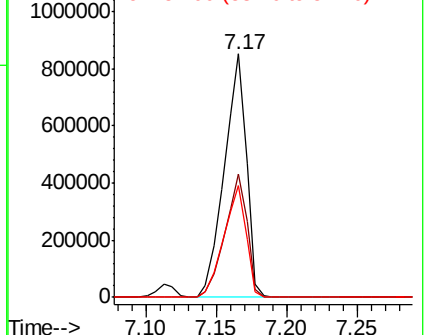
82 100

128 50.6 40.4 60.6

54 45.9 37.5 56.3



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



#24

Nitrobenzene

Concen: 39.152 ng

RT: 7.18 min Scan# 892

Delta R.T. 0.00 min

Lab File: BF115352.D

Acq: 2 Jul 2019 9:49

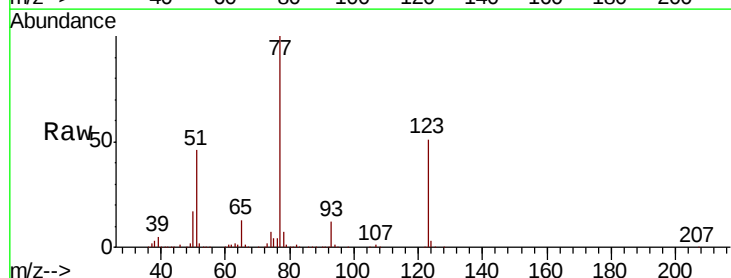
Tgt Ion: 77 Resp: 492073

Ion Ratio Lower Upper

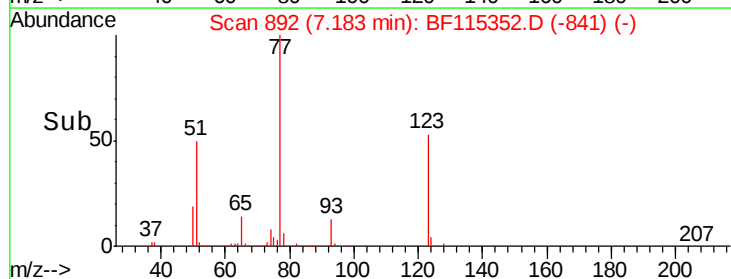
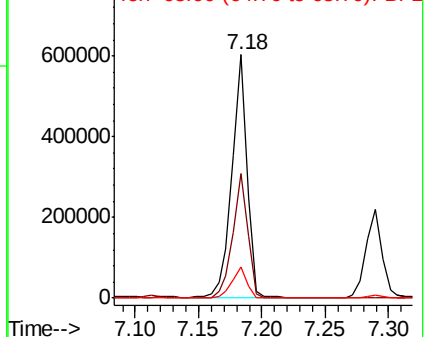
77 100

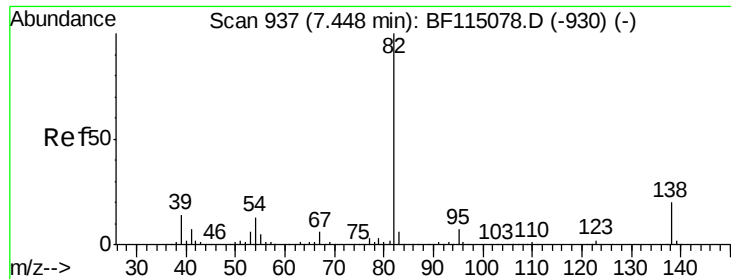
123 51.3 41.0 61.6

65 12.9 10.5 15.7



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





#25

Isophorone

Concen: 37.565 ng

RT: 7.42 min Scan# 933

Delta R.T. 0.00 min

Lab File: BF115352.D

Acq: 2 Jul 2019 9:49

Instrument :

BNA_F

ClientSampleId :

PB121059BSD

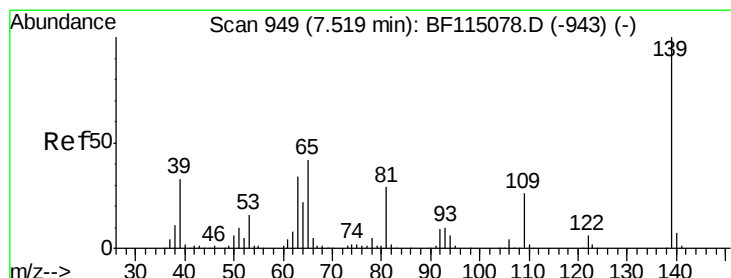
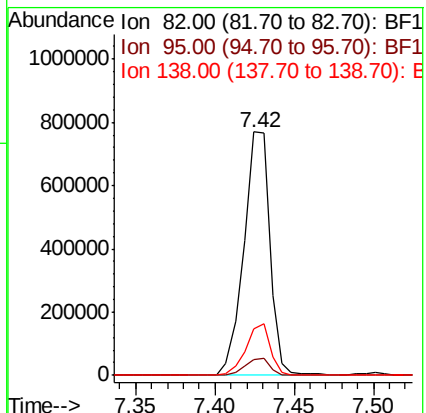
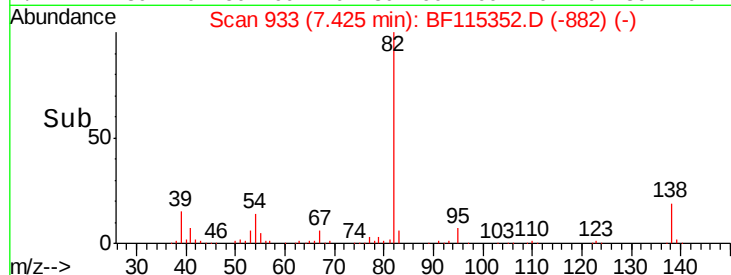
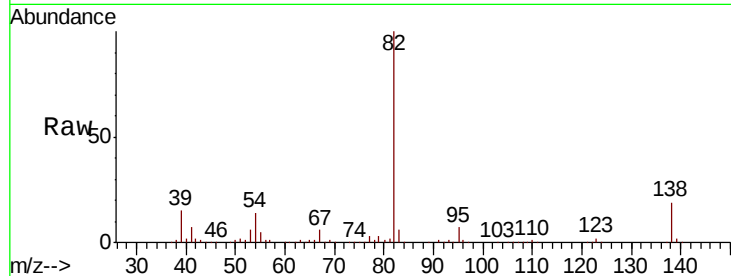
Tot Ion: 82 Resp: 877905

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.2

138 19.0 15.9 23.9



#26

2-Nitrophenol

Concen: 44.347 ng

RT: 7.50 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF115352.D

Acq: 2 Jul 2019 9:49

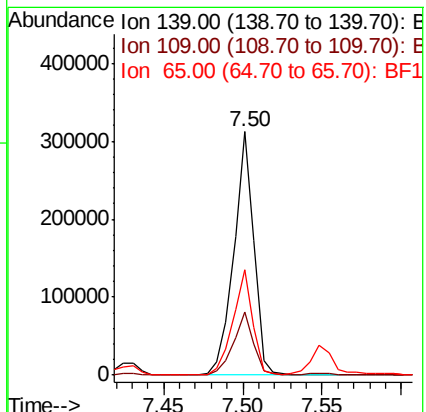
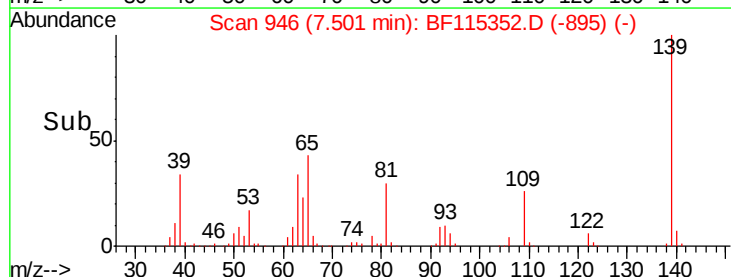
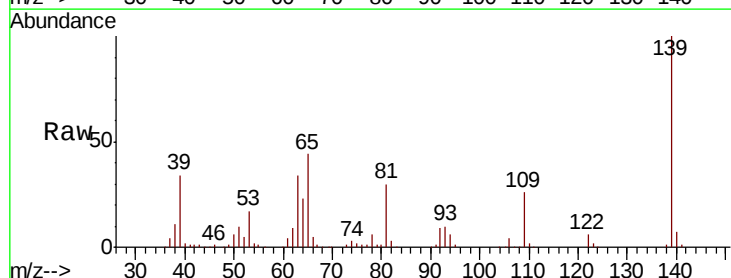
Tgt Ion: 139 Resp: 275250

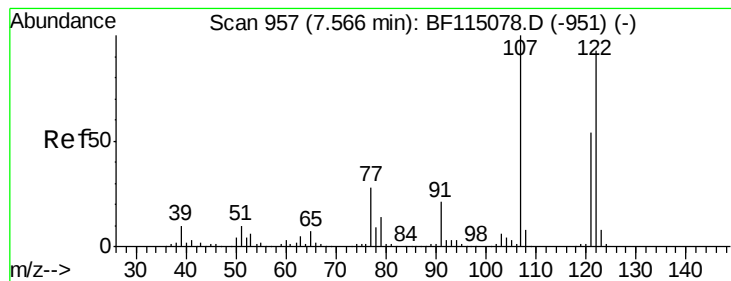
Ion Ratio Lower Upper

139 100

109 25.7 20.4 30.6

65 43.5 33.6 50.4





#27

2,4-Dimethylphenol

Concen: 45.204 ng

RT: 7.55 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF115352.D

Acq: 2 Jul 2019 9:49

Instrument :

BNA_F

ClientSampleId :

PB121059BSD

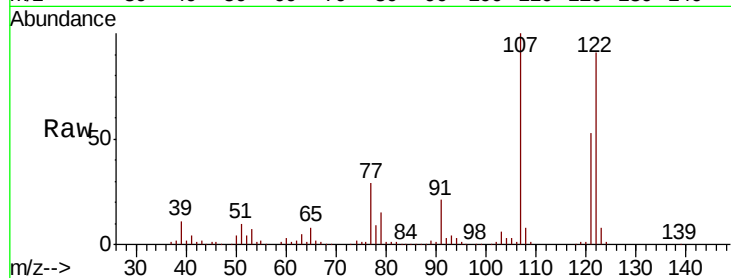
Tot Ion:122 Resp: 459381

Ion Ratio Lower Upper

122 100

107 109.7 85.8 128.6

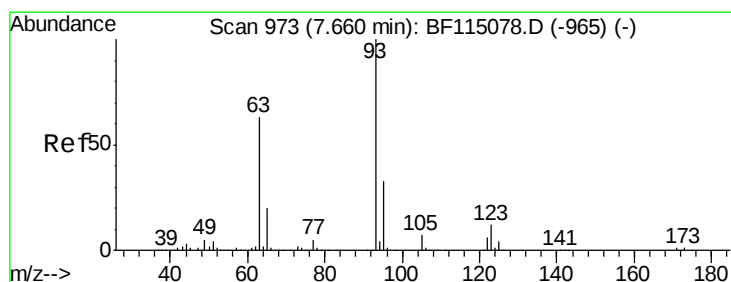
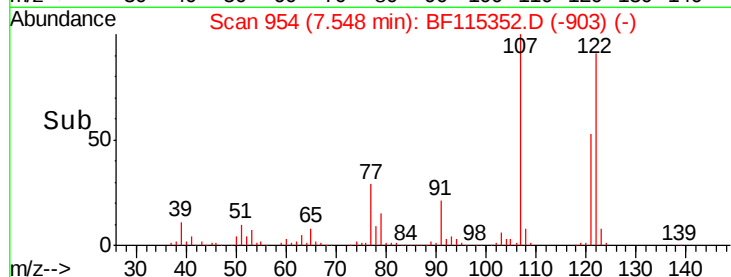
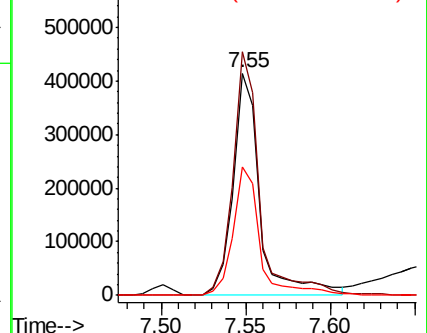
121 58.0 46.3 69.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.787 ng

RT: 7.64 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF115352.D

Acq: 2 Jul 2019 9:49

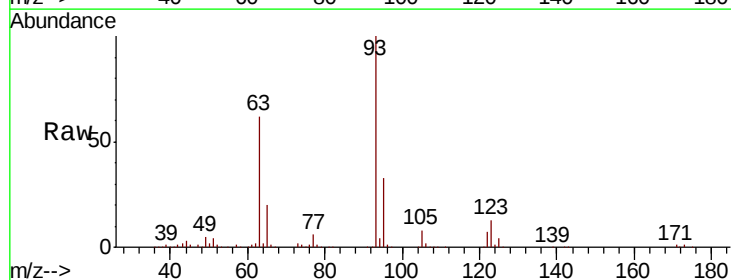
Tgt Ion: 93 Resp: 572928

Ion Ratio Lower Upper

93 100

95 32.7 26.2 39.4

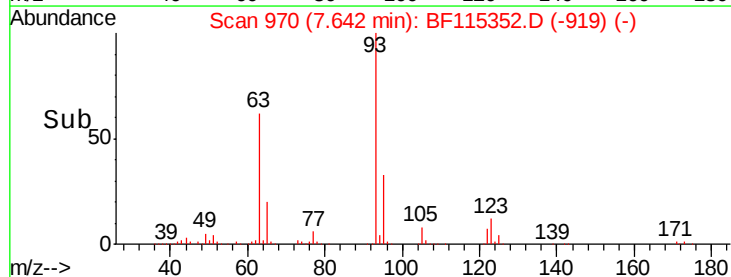
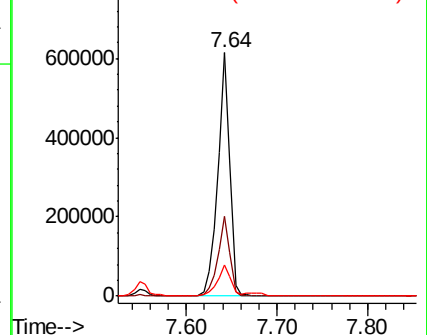
123 12.5 9.7 14.5



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

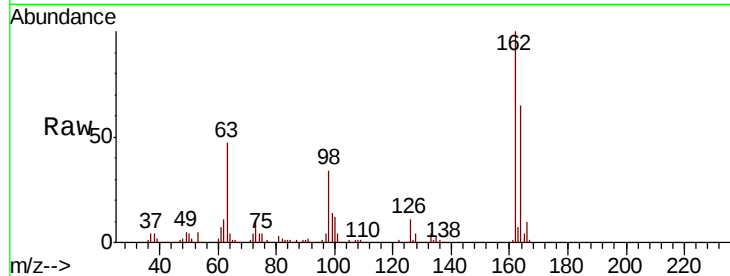




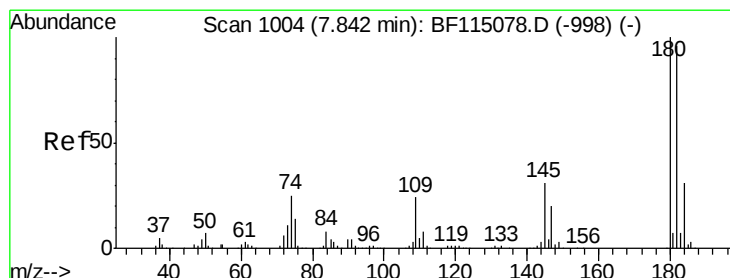
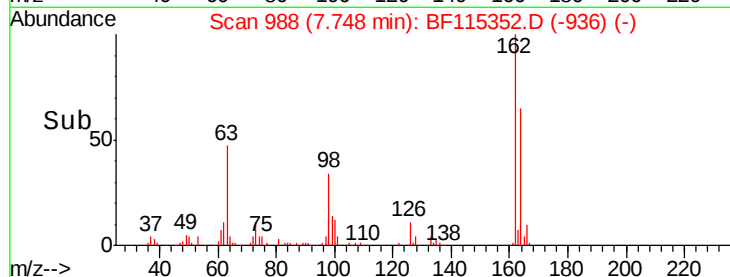
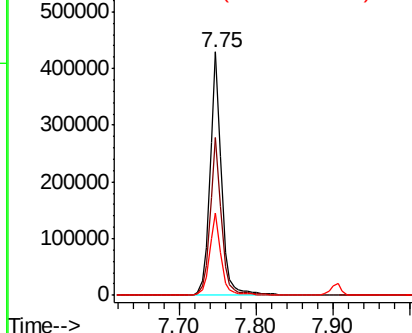
#29
2,4-Dichlorophenol
Concen: 41.523 ng
RT: 7.75 min Scan# 988
Delta R.T. 0.01 min
Lab File: BF115352.D
Acq: 2 Jul 2019 9:49

Instrument :
BNA_F
ClientSampleId :
PB121059BSD

Tot Ion:162 Resp: 435467
Ion Ratio Lower Upper
162 100
164 64.8 45.3 85.3
98 33.7 12.5 52.5

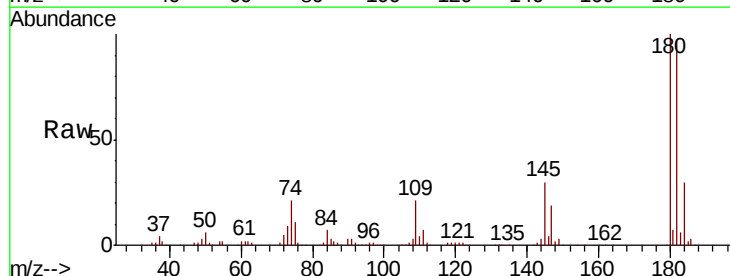


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

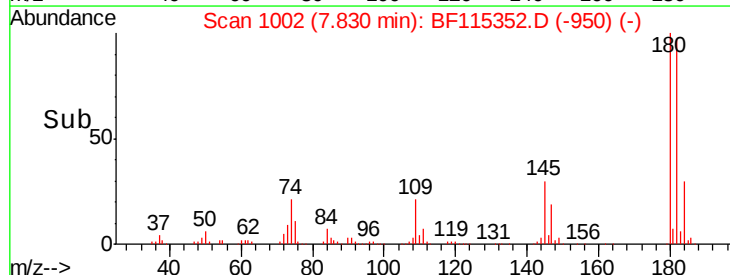
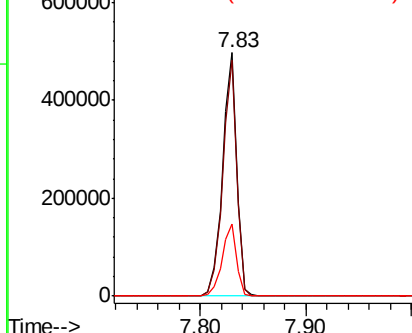


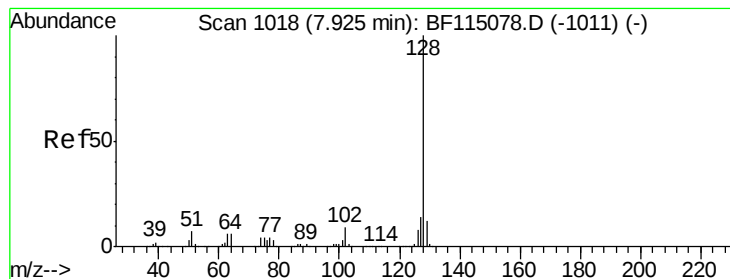
#30
1,2,4-Trichlorobenzene
Concen: 40.491 ng
RT: 7.83 min Scan# 1002
Delta R.T. 0.01 min
Lab File: BF115352.D
Acq: 2 Jul 2019 9:49

Tgt Ion:180 Resp: 469056
Ion Ratio Lower Upper
180 100
182 97.0 76.4 114.6
145 29.7 24.8 37.2



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





#31

Naphthalene

Concen: 41.172 ng

RT: 7.91 min Scan# 1015

Delta R.T. 0.01 min

Lab File: BF115352.D

Acq: 2 Jul 2019 9:49

Instrument :

BNA_F

ClientSampleId :

PB121059BSD

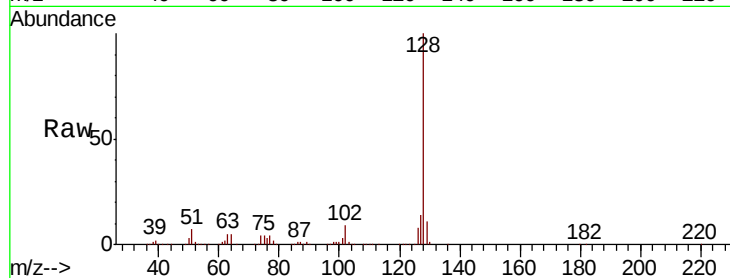
Tot Ion:128 Resp: 1418332

Ion Ratio Lower Upper

128 100

129 11.4 9.6 14.4

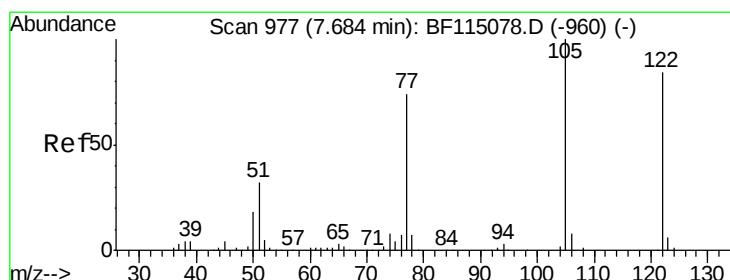
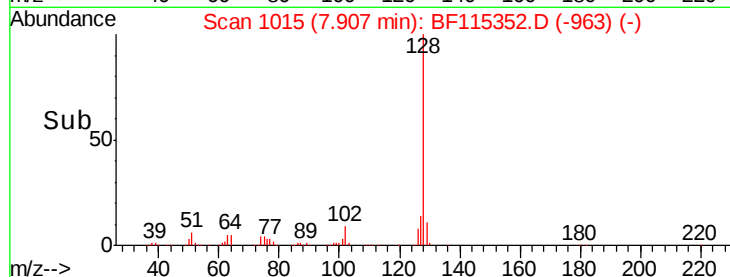
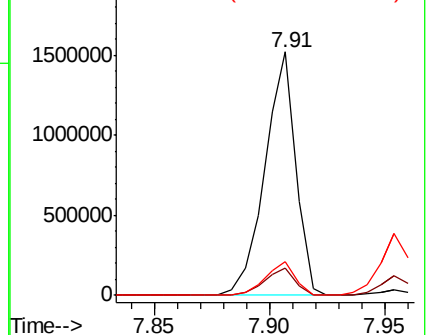
127 13.6 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.162 ng

RT: 7.68 min Scan# 977

Delta R.T. 0.02 min

Lab File: BF115352.D

Acq: 2 Jul 2019 9:49

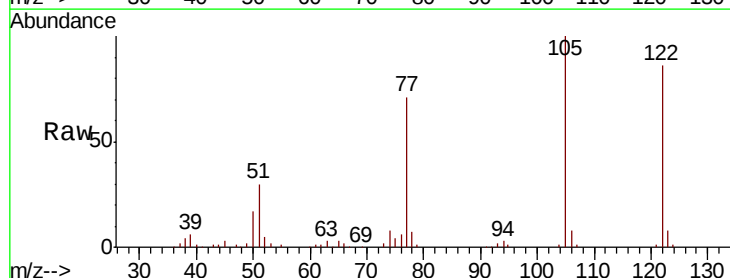
Tgt Ion:122 Resp: 291337

Ion Ratio Lower Upper

122 100

105 116.2 98.2 138.2

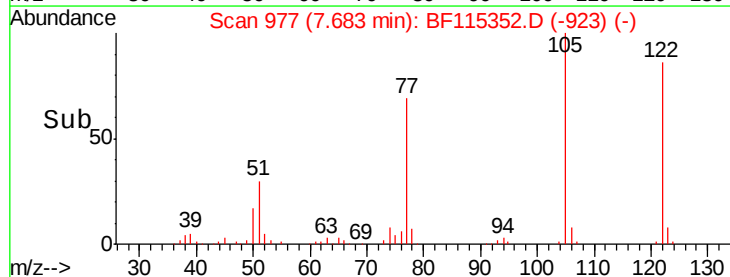
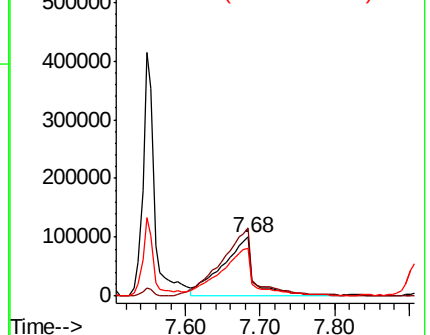
77 82.0 67.0 107.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

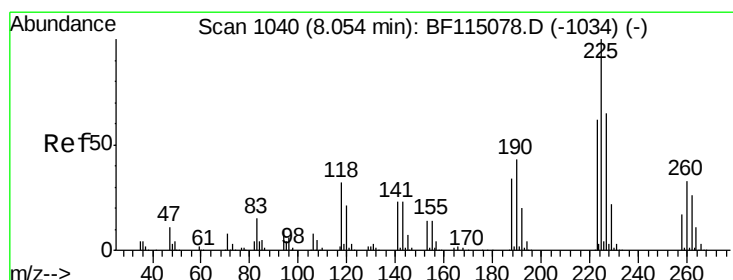
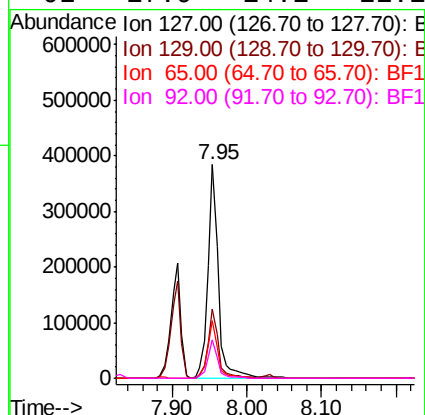
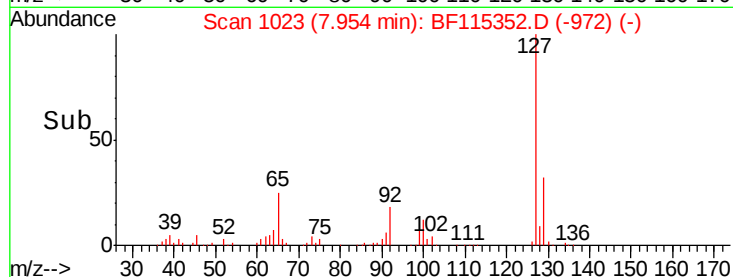
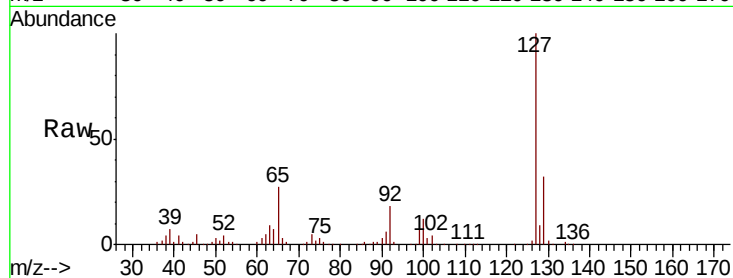




#33
4-Chloroaniline
Concen: 24.099 ng
RT: 7.95 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF115352.D
Acq: 2 Jul 2019 9:49

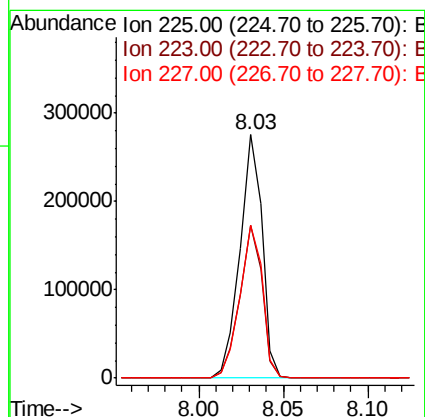
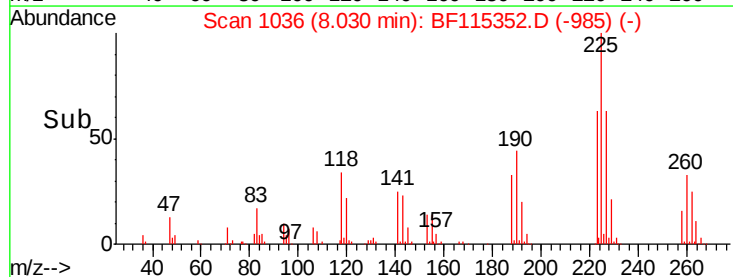
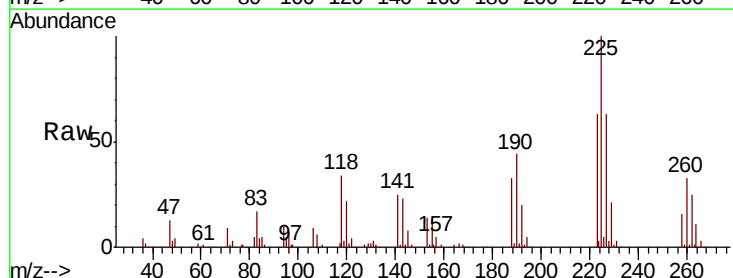
Instrument :
BNA_F
ClientSampleId :
PB121059BSD

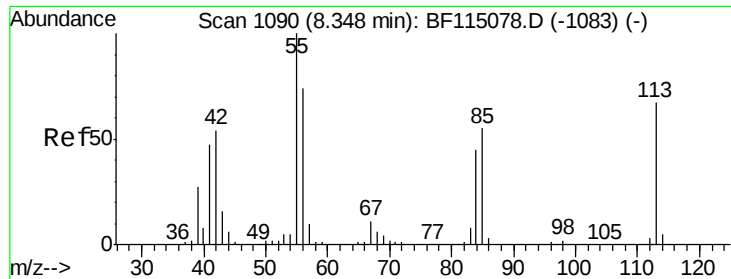
Tot Ion:	127	Resp:	379415
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.1	39.1
65	26.9	21.4	32.2
92	17.9	14.1	21.1



#34
Hexachlorobutadiene
Concen: 39.882 ng
RT: 8.03 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF115352.D
Acq: 2 Jul 2019 9:49

Tgt Ion:	225	Resp:	253178
Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.4	74.2
227	62.6	51.8	77.8

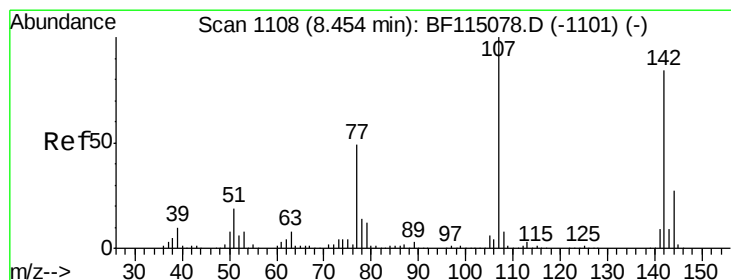
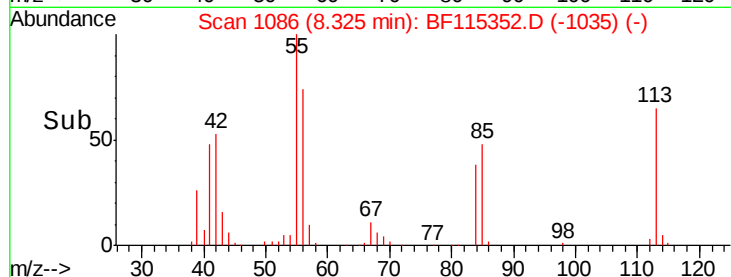
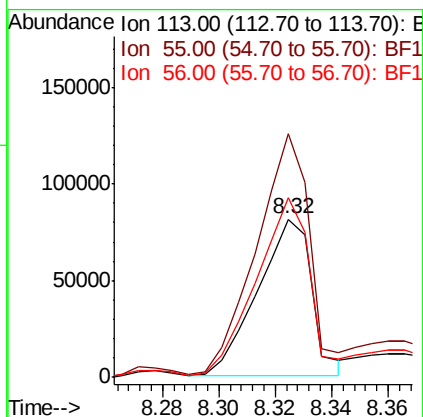
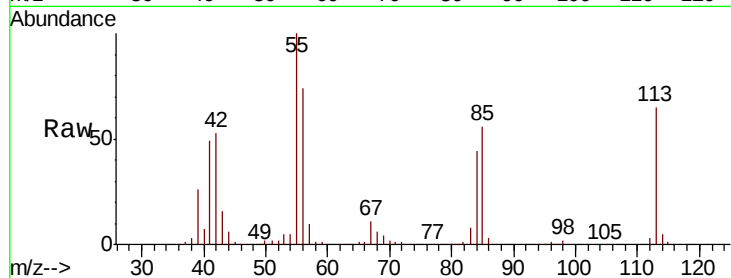




#35
 Caprolactam
 Concen: 30.486 ng
 RT: 8.32 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: BF115352.D
 Acq: 2 Jul 2019 9:49

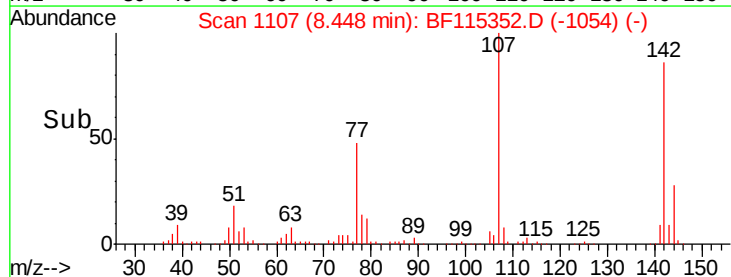
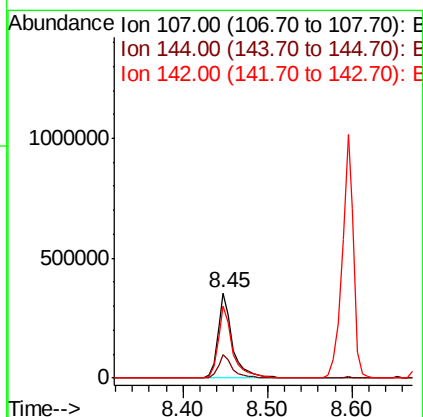
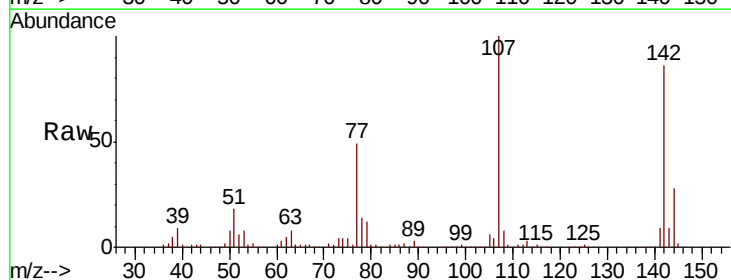
Instrument :
 BNA_F
 ClientSampleId :
 PB121059BSD

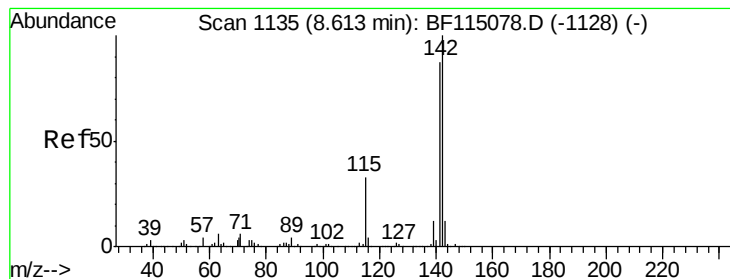
Tot Ion:113 Resp: 107493
 Ion Ratio Lower Upper
 113 100
 55 153.9 130.2 170.2
 56 113.5 91.6 131.6



#36
 4-Chloro-3-methylphenol
 Concen: 40.981 ng
 RT: 8.45 min Scan# 1107
 Delta R.T. 0.01 min
 Lab File: BF115352.D
 Acq: 2 Jul 2019 9:49

Tgt Ion:107 Resp: 435255
 Ion Ratio Lower Upper
 107 100
 144 27.8 21.7 32.5
 142 85.5 67.0 100.4





#37

2-Methylnaphthalene

Concen: 41.823 ng

RT: 8.60 min Scan# 1132

Delta R.T. 0.01 min

Lab File: BF115352.D

Acq: 2 Jul 2019 9:49

Instrument :

BNA_F

ClientSampleId :

PB121059BSD

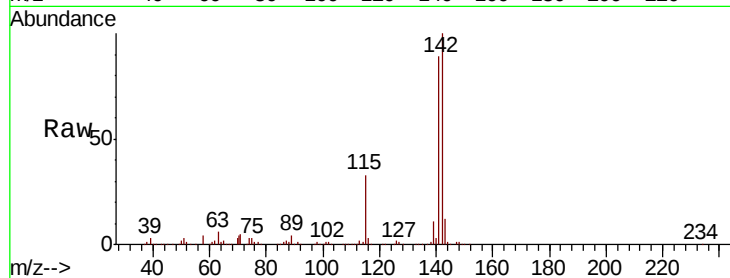
Tot Ion:142 Resp: 971425

Ion Ratio Lower Upper

142 100

141 88.6 69.8 104.6

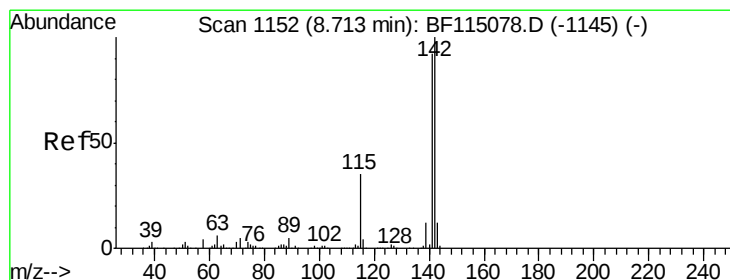
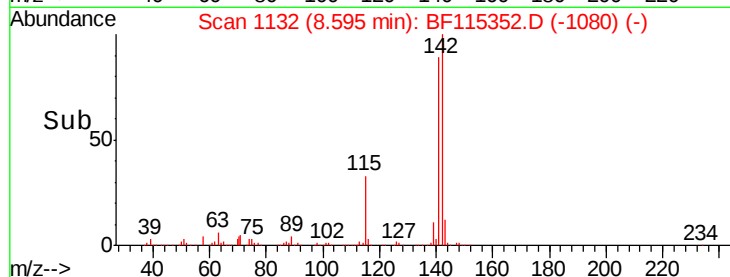
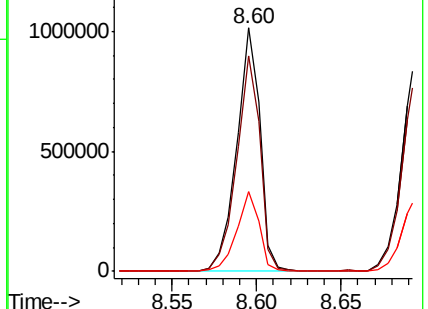
115 32.8 26.7 40.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 40.684 ng

RT: 8.70 min Scan# 1149

Delta R.T. 0.01 min

Lab File: BF115352.D

Acq: 2 Jul 2019 9:49

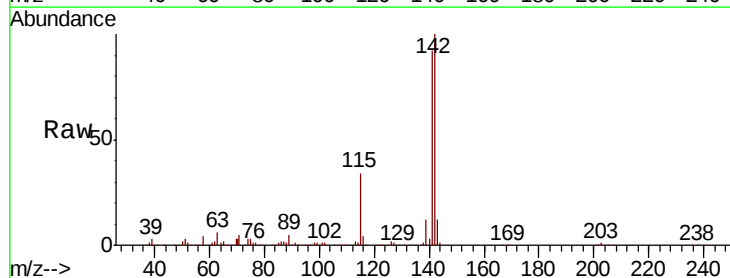
Tgt Ion:142 Resp: 902515

Ion Ratio Lower Upper

142 100

141 92.2 73.8 110.8

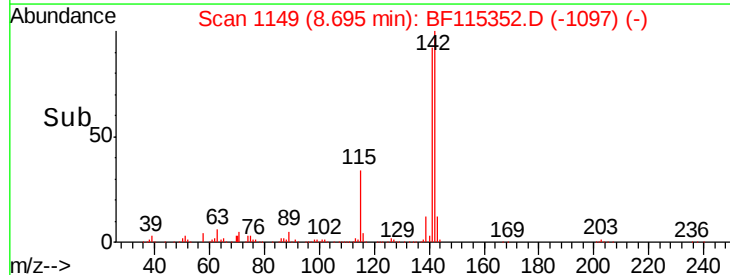
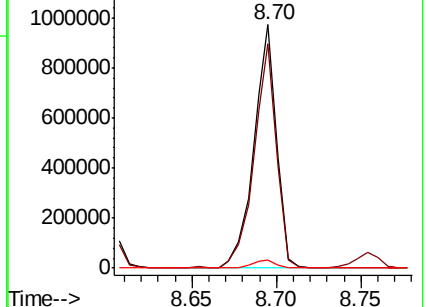
116 3.6 2.8 4.2

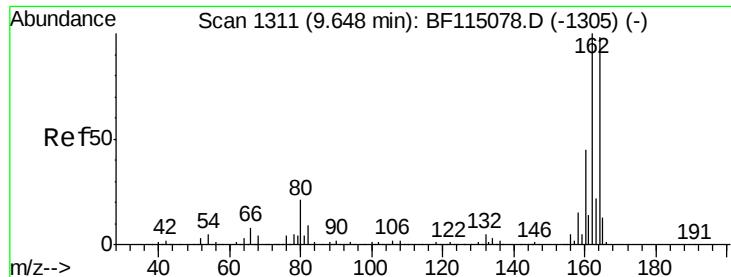


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

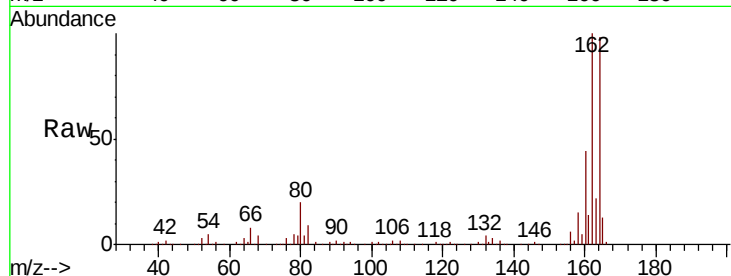




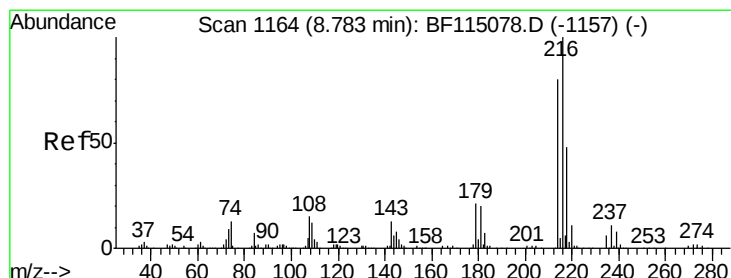
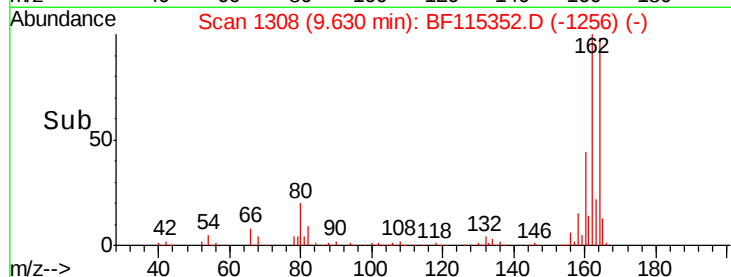
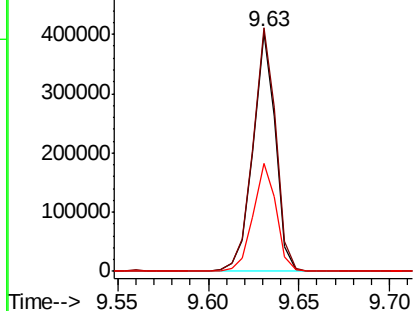
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.63 min Scan# 1308
 Delta R.T. 0.01 min
 Lab File: BF115352.D
 Acq: 2 Jul 2019 9:49

Instrument :
 BNA_F
 ClientSampleId :
 PB121059BSD

Tot Ion:164 Resp: 346212
 Ion Ratio Lower Upper
 164 100
 162 101.9 81.7 122.5
 160 45.2 37.0 55.4

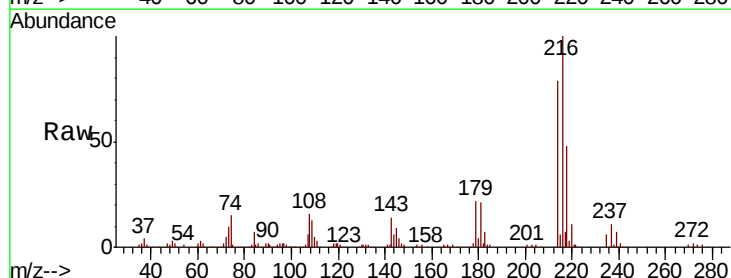


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

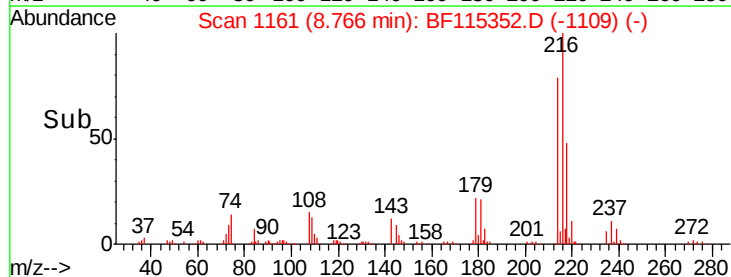
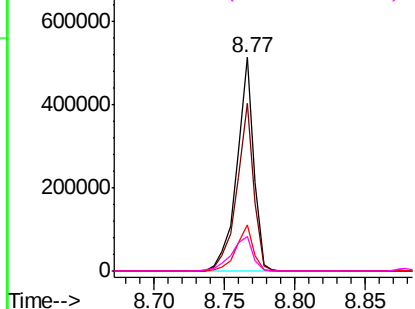


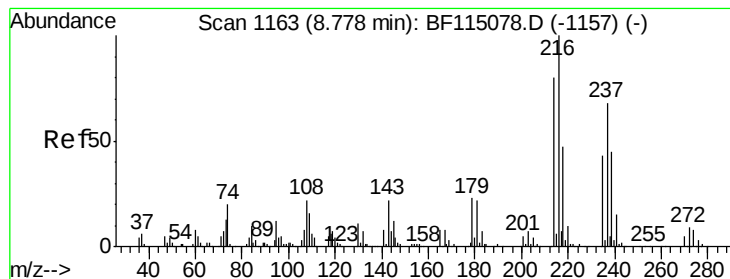
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.430 ng
 RT: 8.77 min Scan# 1161
 Delta R.T. 0.01 min
 Lab File: BF115352.D
 Acq: 2 Jul 2019 9:49

Tgt Ion:216 Resp: 424890
 Ion Ratio Lower Upper
 216 100
 214 78.5 63.8 95.6
 179 21.5 17.6 26.4
 108 20.3 15.7 23.5



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





#41

Hexachlorocyclopentadiene

Concen: 83.448 ng

RT: 8.75 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF115352.D

Acq: 2 Jul 2019 9:49

Instrument :

BNA_F

ClientSampleId :

PB121059BSD

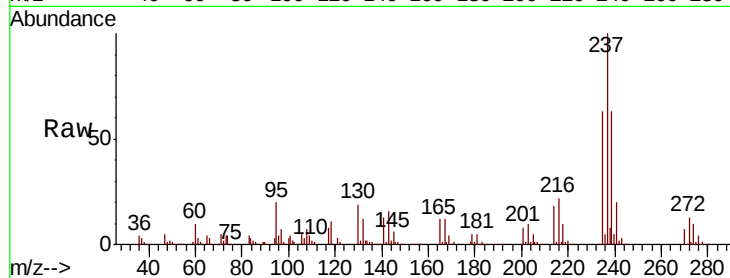
Tot Ion:237 Resp: 484095

Ion Ratio Lower Upper

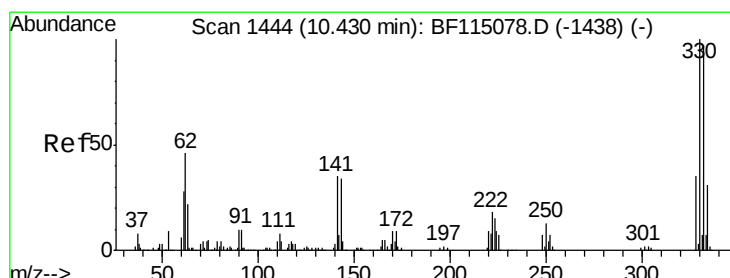
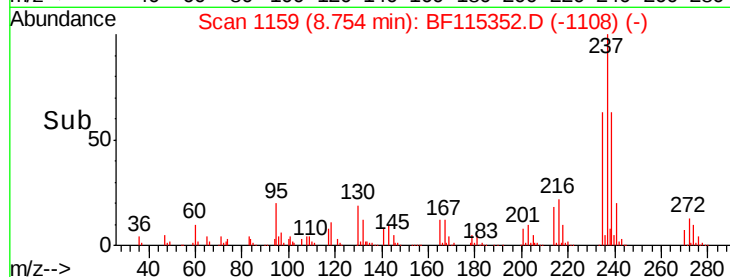
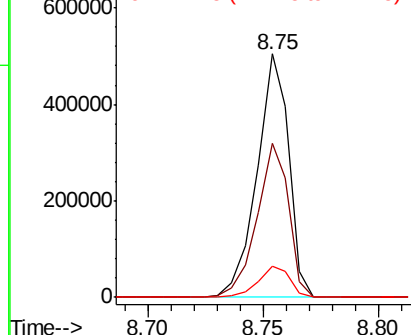
237 100

235 63.4 43.9 83.9

272 12.8 0.0 33.8



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



#42

2,4,6-Tribromophenol

Concen: 88.633 ng

RT: 10.42 min Scan# 1442

Delta R.T. 0.01 min

Lab File: BF115352.D

Acq: 2 Jul 2019 9:49

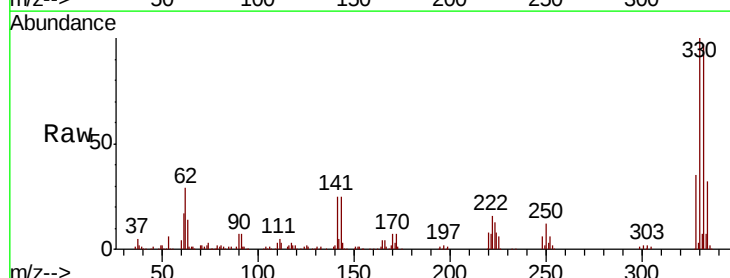
Tgt Ion:330 Resp: 323593

Ion Ratio Lower Upper

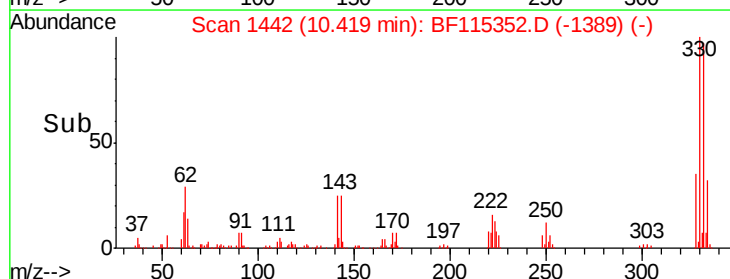
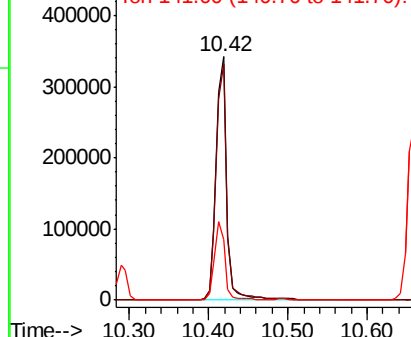
330 100

332 97.4 77.3 115.9

141 31.9 28.2 42.2



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

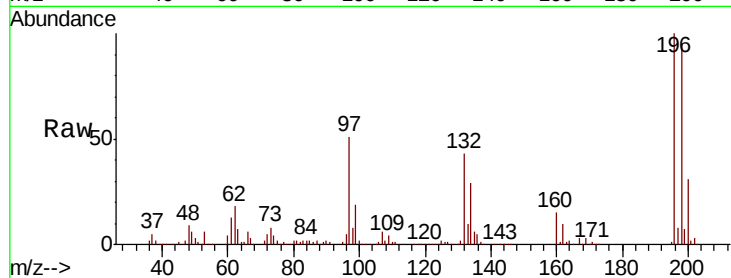




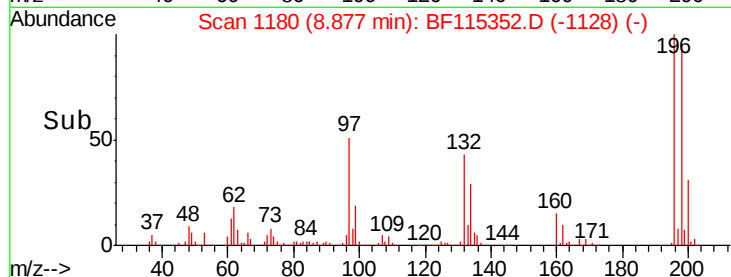
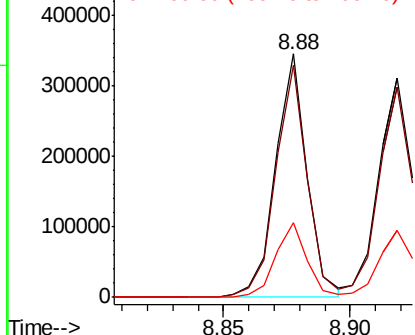
#43
 2,4,6-Trichlorophenol
 Concen: 39.786 ng
 RT: 8.88 min Scan# 1180
 Delta R.T. 0.01 min
 Lab File: BF115352.D
 Acq: 2 Jul 2019 9:49

Instrument :
 BNA_F
 ClientSampleId :
 PB121059BSD

Tot Ion:196 Resp: 300509
 Ion Ratio Lower Upper
 196 100
 198 95.2 76.3 114.5
 200 30.8 24.2 36.4



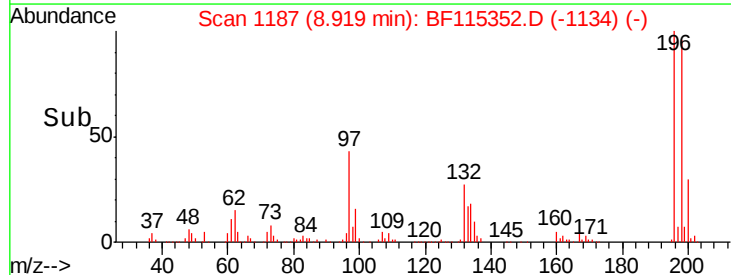
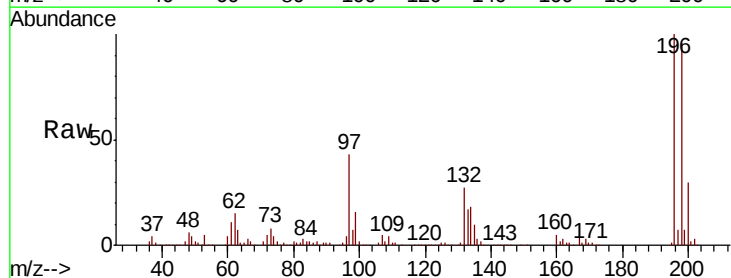
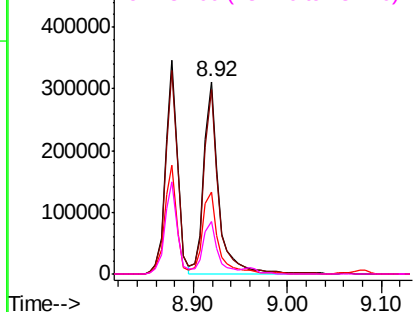
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

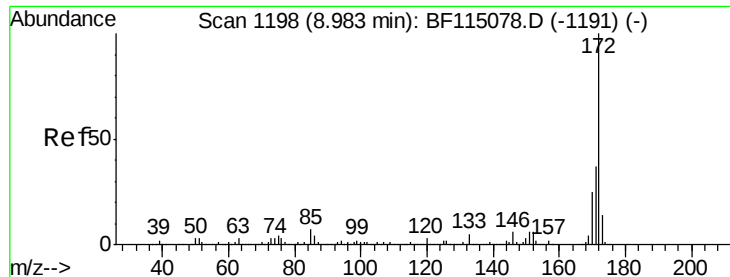


#44
 2,4,5-Trichlorophenol
 Concen: 43.962 ng
 RT: 8.92 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF115352.D
 Acq: 2 Jul 2019 9:49

Tgt Ion:196 Resp: 341951
 Ion Ratio Lower Upper
 196 100
 198 95.9 77.1 115.7
 97 42.8 37.7 56.5
 132 27.0 23.1 34.7

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

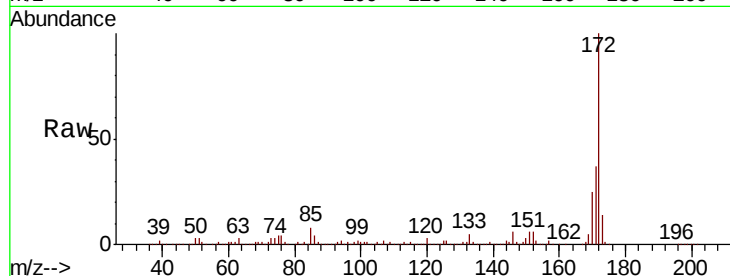




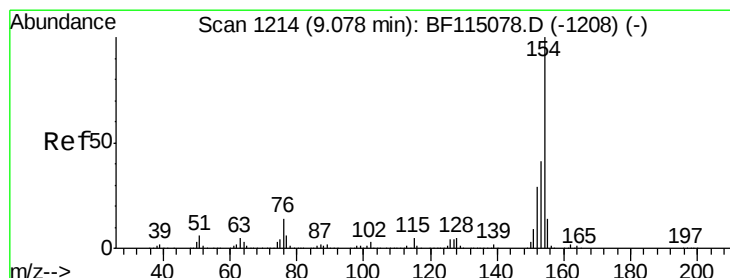
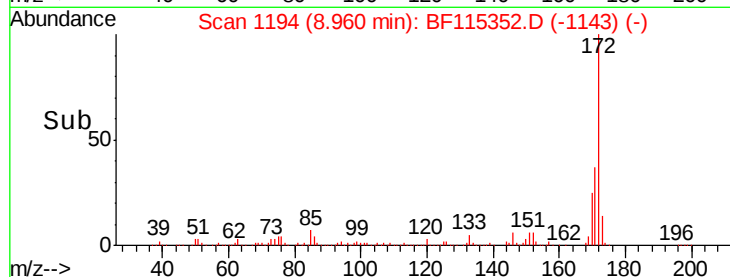
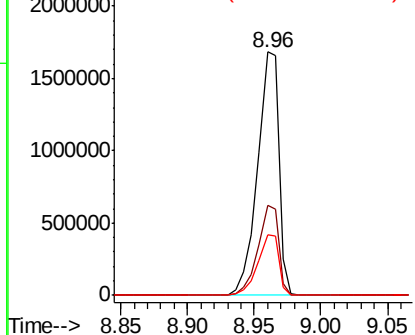
#45
2-Fluorobiphenyl
Concen: 90.536 ng
RT: 8.96 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BF115352.D
Acq: 2 Jul 2019 9:49

Instrument :
BNA_F
ClientSampleId :
PB121059BSD

Tot Ion:172 Resp: 1845304
Ion Ratio Lower Upper
172 100
171 36.8 29.8 44.6
170 24.8 20.3 30.5

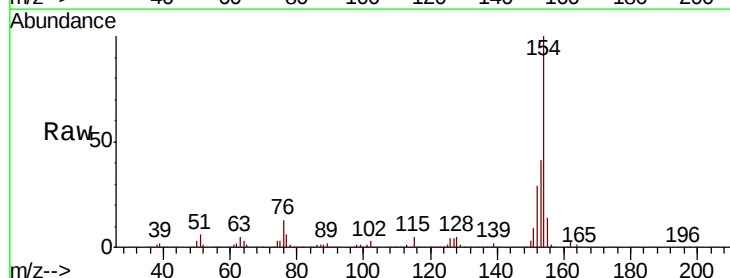


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

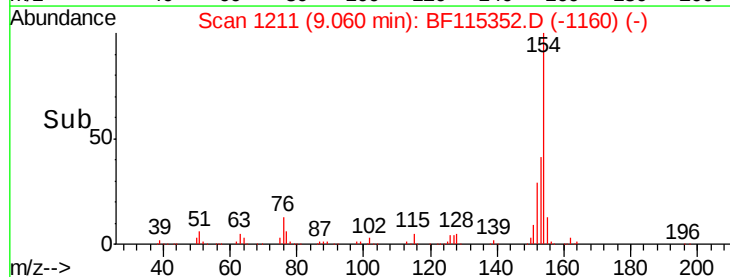
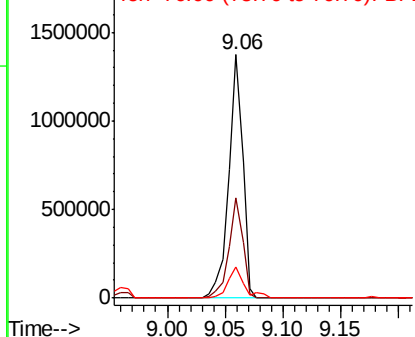


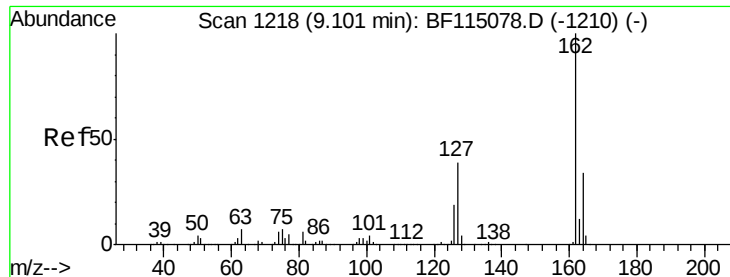
#46
1,1'-Biphenyl
Concen: 41.651 ng
RT: 9.06 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF115352.D
Acq: 2 Jul 2019 9:49

Tgt Ion:154 Resp: 1153804
Ion Ratio Lower Upper
154 100
153 41.2 20.9 60.9
76 13.0 0.0 34.1



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

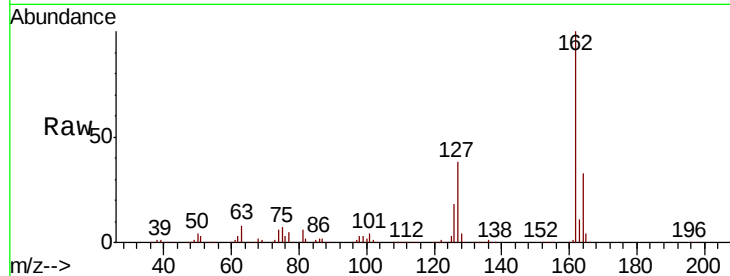




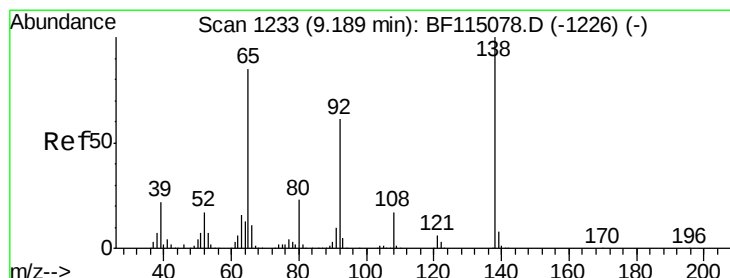
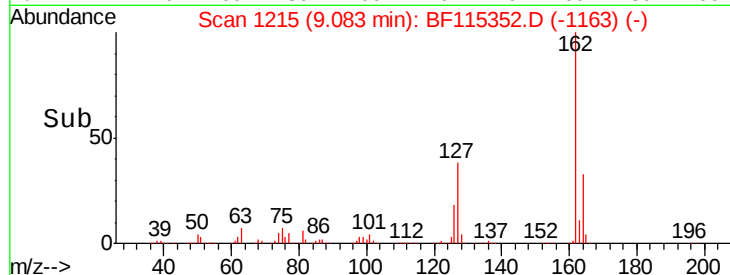
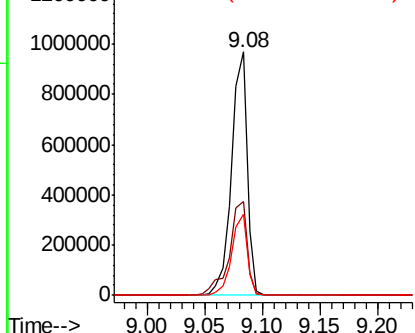
#47
 2-Chloronaphthalene
 Concen: 40.671 ng
 RT: 9.08 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: BF115352.D
 Acq: 2 Jul 2019 9:49

Instrument :
 BNA_F
 ClientSampleId :
 PB121059BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.4	30.8	46.2
164	33.2	27.0	40.4

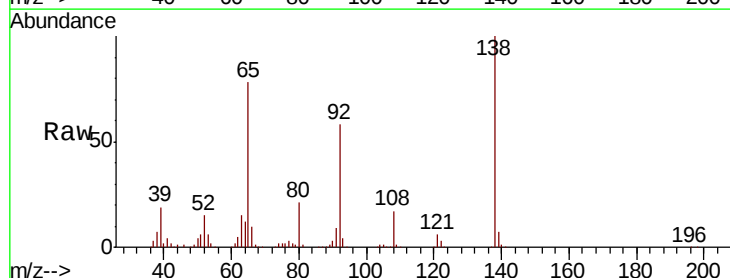


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

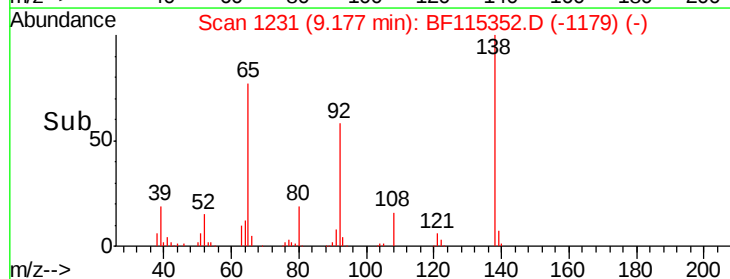
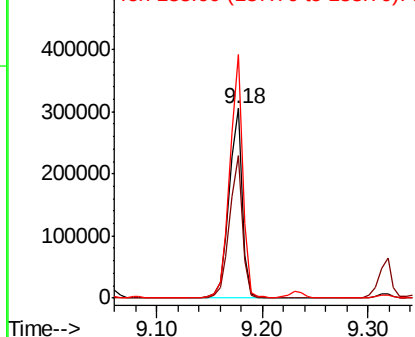


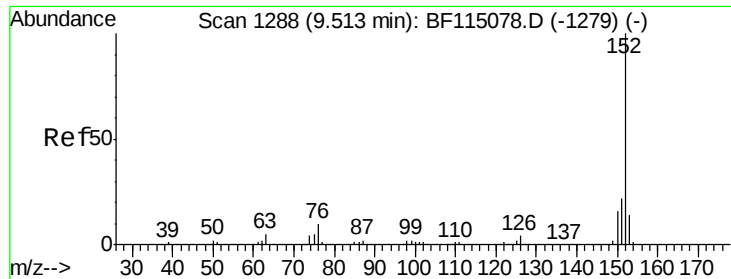
#48
 2-Nitroaniline
 Concen: 40.287 ng
 RT: 9.18 min Scan# 1231
 Delta R.T. 0.01 min
 Lab File: BF115352.D
 Acq: 2 Jul 2019 9:49

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.2	57.4	86.2
138	128.6	94.1	141.1



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





#49

Acenaphthylene

Concen: 41.214 ng

RT: 9.50 min Scan# 1285

Delta R.T. 0.01 min

Lab File: BF115352.D

Acq: 2 Jul 2019 9:49

Instrument :

BNA_F

ClientSampleId :

PB121059BSD

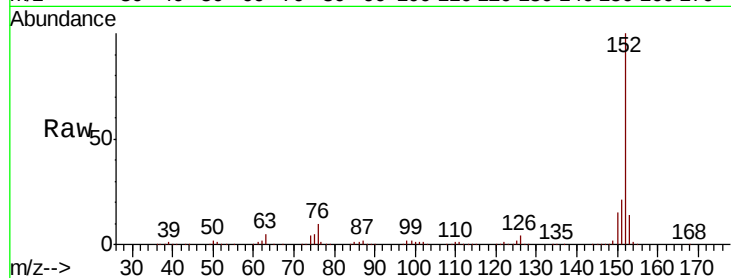
Tot Ion:152 Resp: 1442908

Ion Ratio Lower Upper

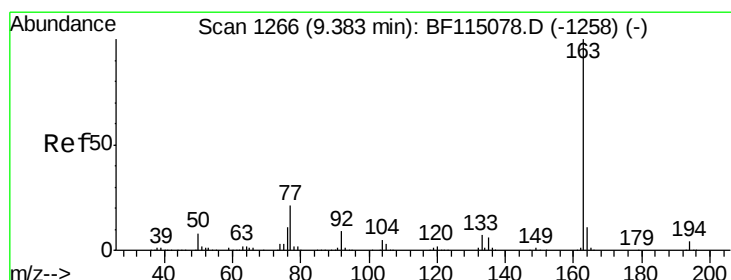
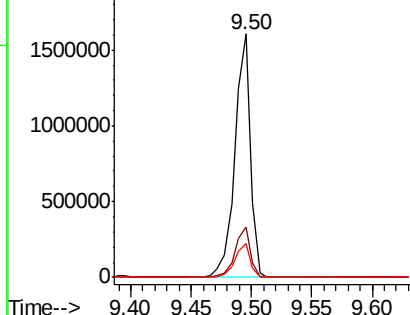
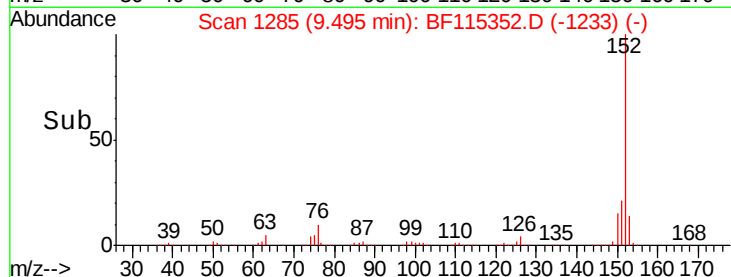
152 100

151 20.7 17.2 25.8

153 13.6 11.0 16.6



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



#50

Dimethylphthalate

Concen: 41.407 ng

RT: 9.37 min Scan# 1263

Delta R.T. 0.01 min

Lab File: BF115352.D

Acq: 2 Jul 2019 9:49

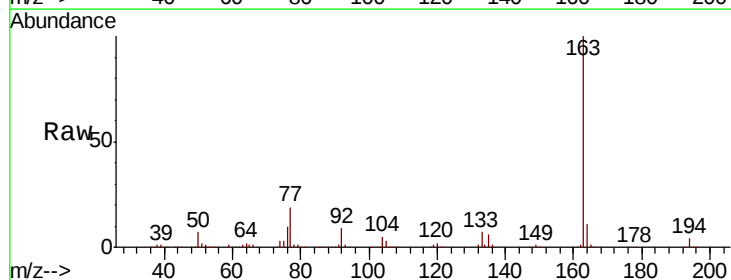
Tgt Ion:163 Resp: 1054709

Ion Ratio Lower Upper

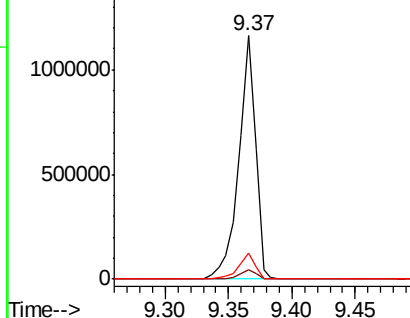
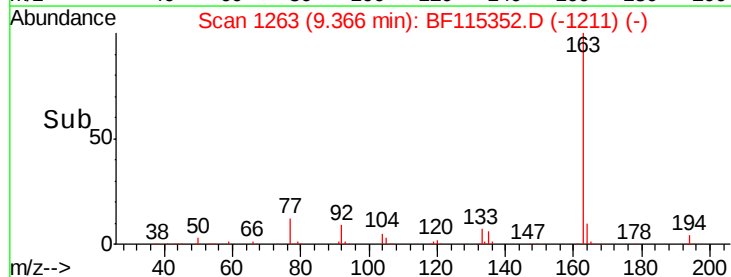
163 100

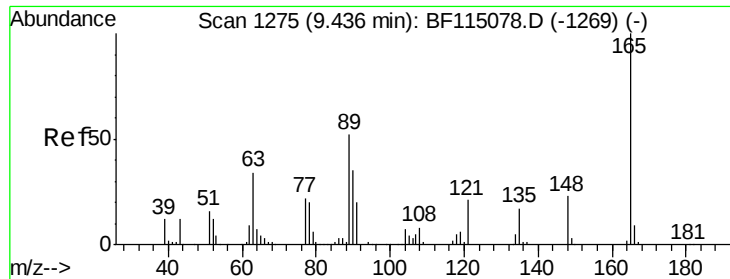
194 4.1 3.2 4.8

164 10.7 8.6 13.0



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

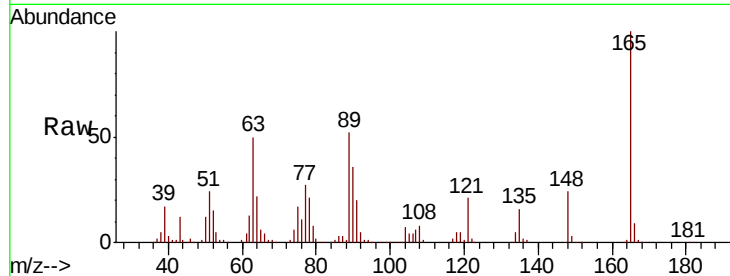




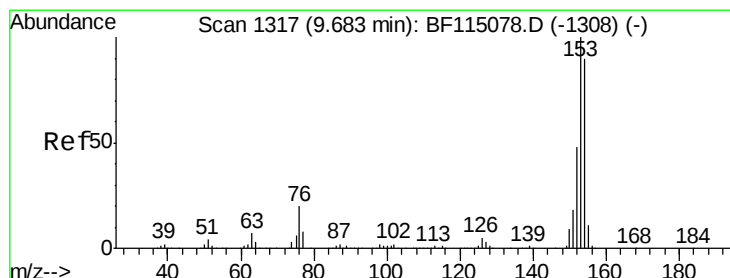
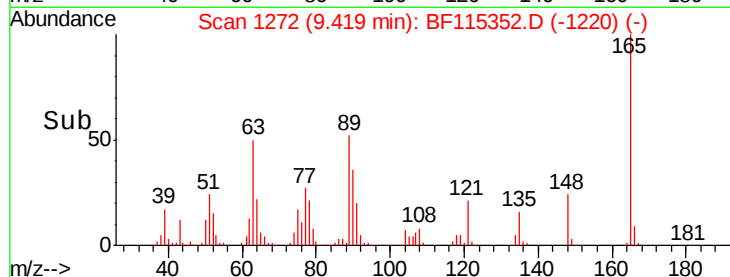
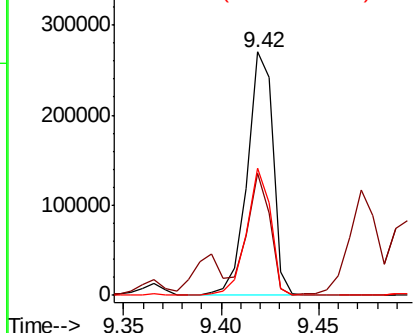
#51
 2,6-Dinitrotoluene
 Concen: 42.105 ng
 RT: 9.42 min Scan# 1272
 Delta R.T. 0.01 min
 Lab File: BF115352.D
 Acq: 2 Jul 2019 9:49

Instrument :
 BNA_F
 ClientSampleId :
 PB121059BSD

Tot Ion:165 Resp: 247603
 Ion Ratio Lower Upper
 165 100
 63 50.3 39.4 59.2
 89 52.2 42.0 63.0

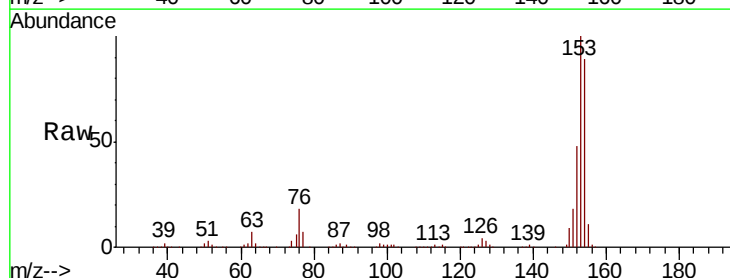


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

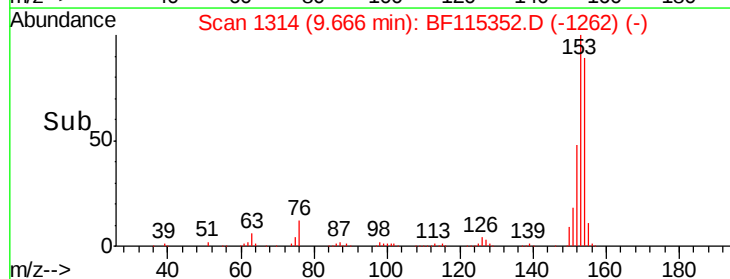
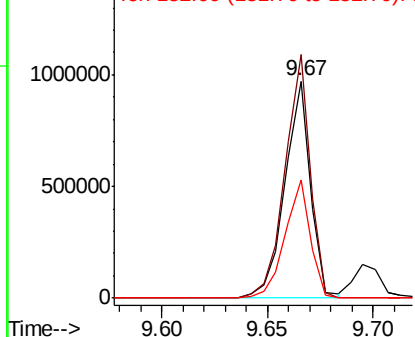


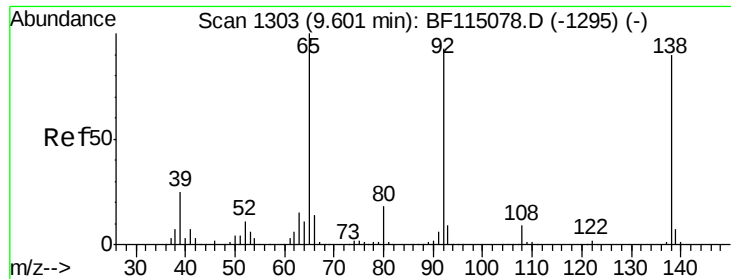
#52
 Acenaphthene
 Concen: 37.767 ng
 RT: 9.67 min Scan# 1314
 Delta R.T. 0.01 min
 Lab File: BF115352.D
 Acq: 2 Jul 2019 9:49

Tgt Ion:154 Resp: 827380
 Ion Ratio Lower Upper
 154 100
 153 112.0 88.7 133.1
 152 54.3 42.6 64.0



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

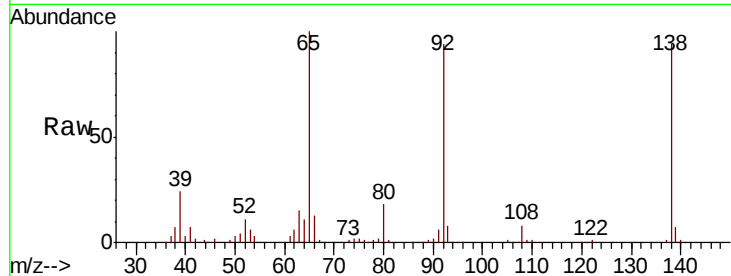




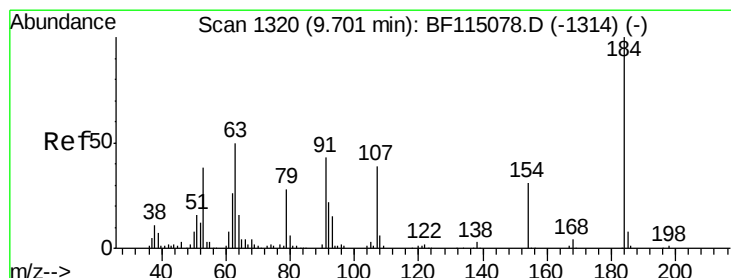
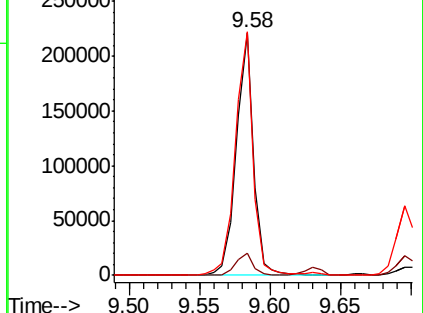
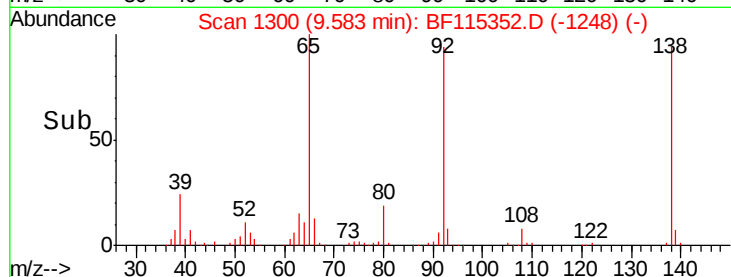
#53
3-Nitroaniline
Concen: 26.180 ng
RT: 9.58 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BF115352.D
Acq: 2 Jul 2019 9:49

Instrument :
BNA_F
ClientSampleId :
PB121059BSD

Tot Ion:138 Resp: 187874
Ion Ratio Lower Upper
138 100
108 9.0 7.8 11.6
92 100.4 82.9 124.3

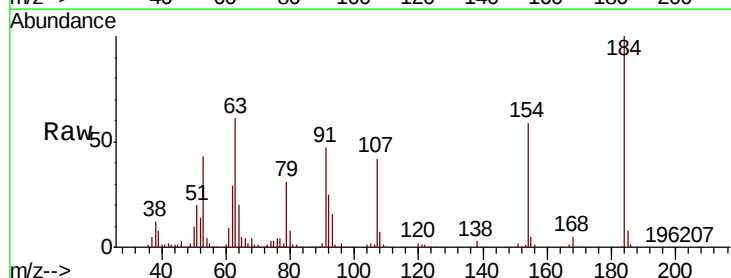


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

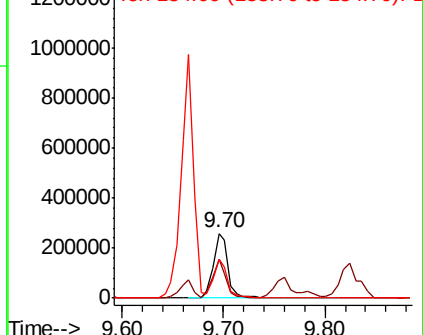
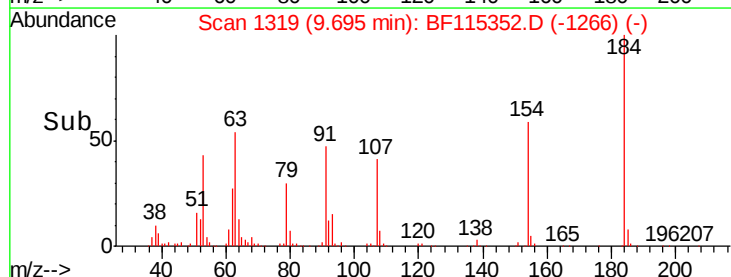


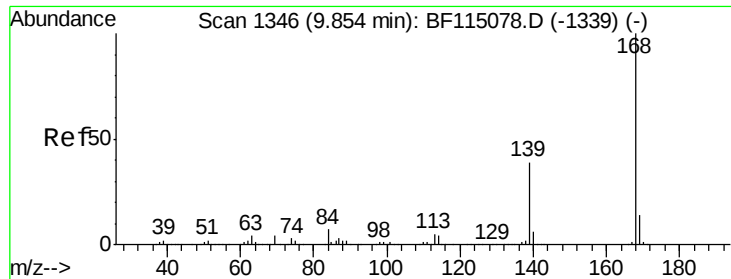
#54
2,4-Dinitrophenol
Concen: 85.544 ng
RT: 9.70 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF115352.D
Acq: 2 Jul 2019 9:49

Tgt Ion:184 Resp: 260550
Ion Ratio Lower Upper
184 100
63 60.6 41.9 62.9
154 59.2 44.7 67.1



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

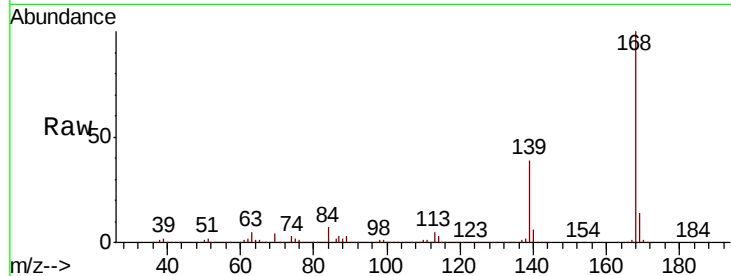




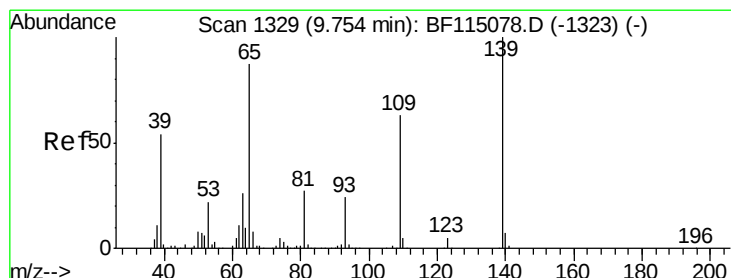
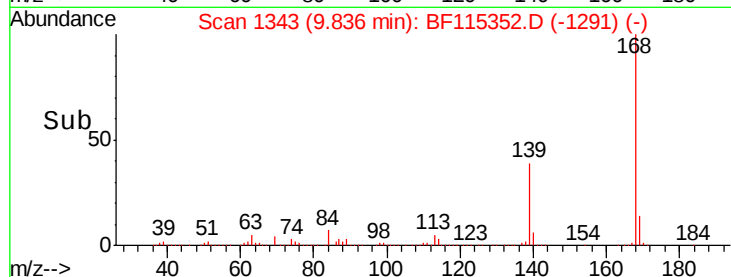
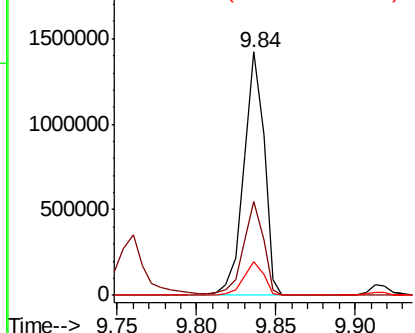
#55
Dibenzofuran
Concen: 40.168 ng
RT: 9.84 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF115352.D
Acq: 2 Jul 2019 9:49

Instrument :
BNA_F
ClientSampleId :
PB121059BSD

Tot Ion:168 Resp: 1263005
Ion Ratio Lower Upper
168 100
139 38.6 31.1 46.7
169 14.0 11.3 16.9

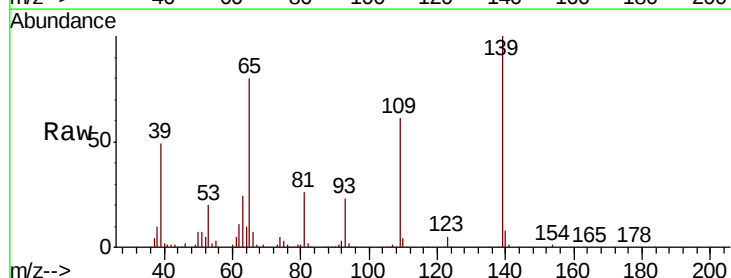


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

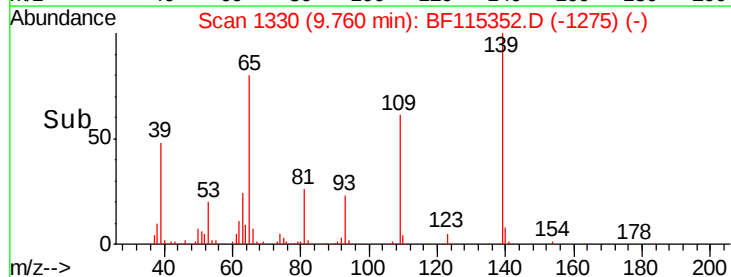
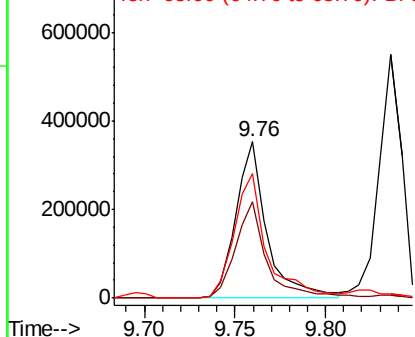


#56
4-Nitrophenol
Concen: 72.929 ng
RT: 9.76 min Scan# 1330
Delta R.T. 0.02 min
Lab File: BF115352.D
Acq: 2 Jul 2019 9:49

Tgt Ion:139 Resp: 419577
Ion Ratio Lower Upper
139 100
109 61.3 43.0 83.0
65 79.7 67.0 107.0



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

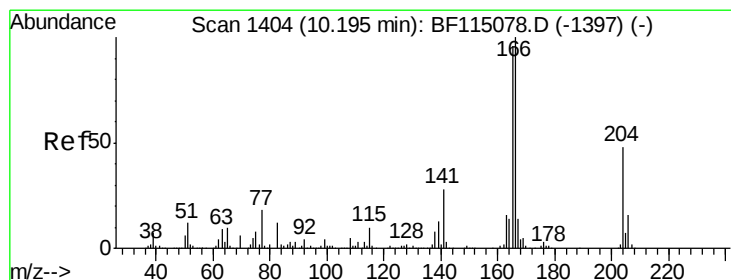
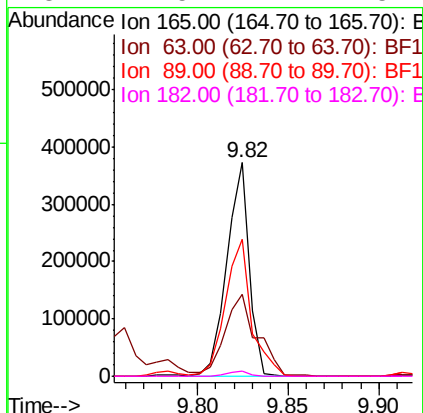
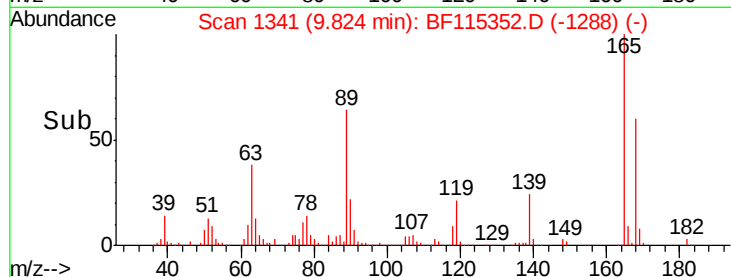
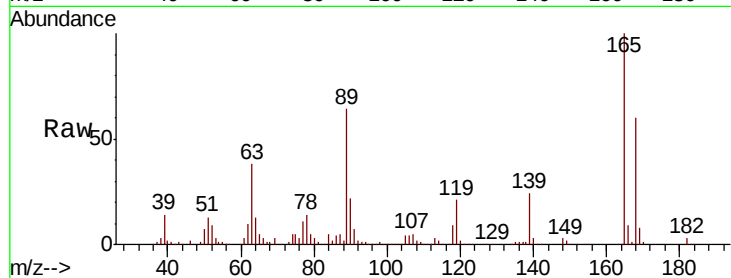




#57
2,4-Dinitrotoluene
Concen: 42.218 ng
RT: 9.82 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF115352.D
Acq: 2 Jul 2019 9:49

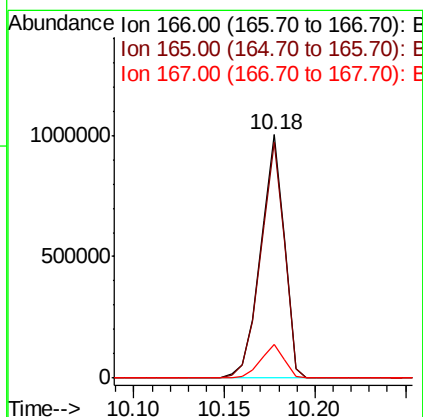
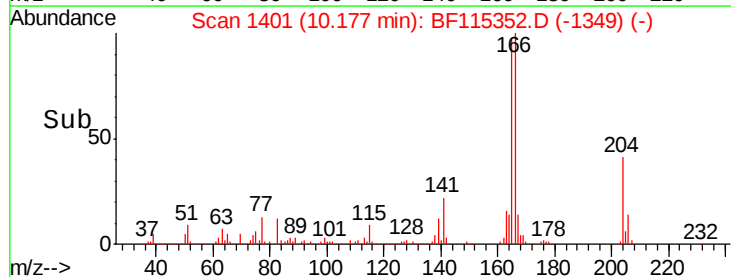
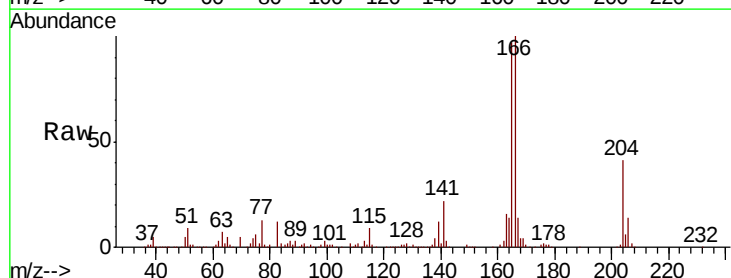
Instrument :
BNA_F
ClientSampleId :
PB121059BSD

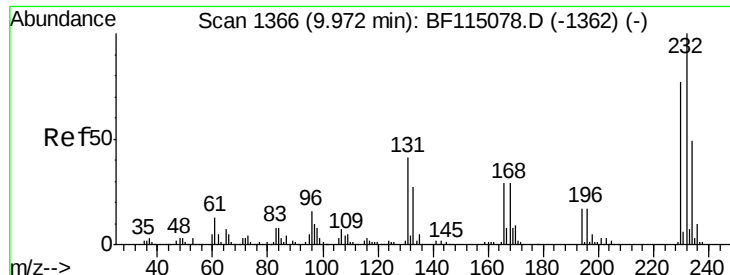
Tot Ion	Ratio	Lower	Upper
165	100		
63	38.2	27.5	41.3
89	64.2	49.9	74.9
182	2.5	2.1	3.1



#58
Fluorene
Concen: 43.381 ng
RT: 10.18 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BF115352.D
Acq: 2 Jul 2019 9:49

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.9	76.5	114.7
167	13.8	11.0	16.4

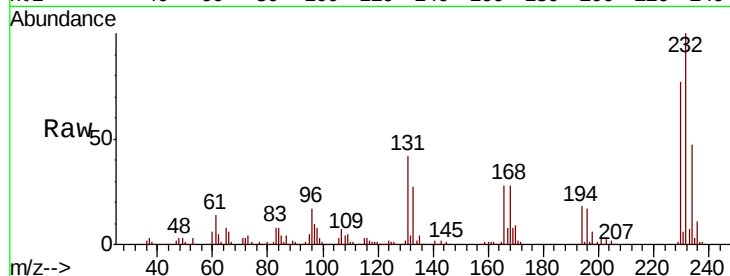




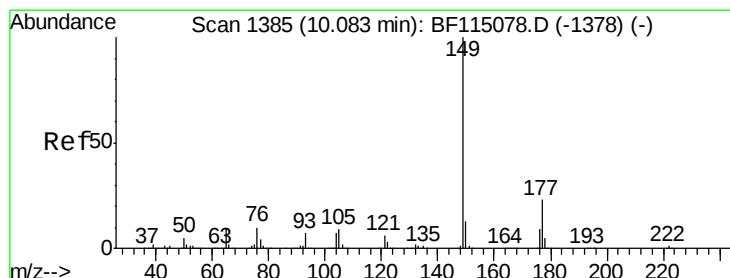
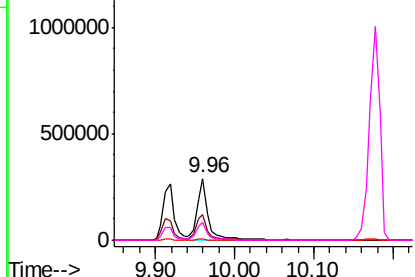
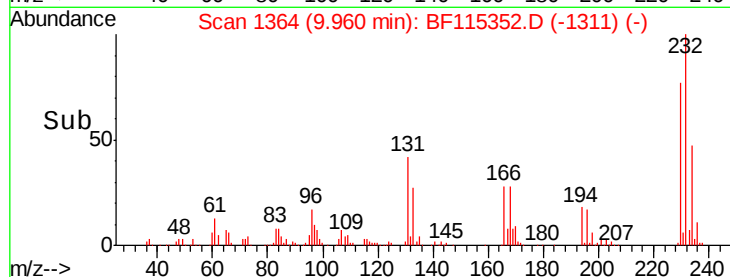
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.813 ng
 RT: 9.96 min Scan# 1364
 Delta R.T. 0.01 min
 Lab File: BF115352.D
 Acq: 2 Jul 2019 9:49

Instrument :
 BNA_F
 ClientSampleId :
 PB121059BSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.9	37.4	56.0
130	2.1	1.8	2.6
166	28.4	24.6	36.8

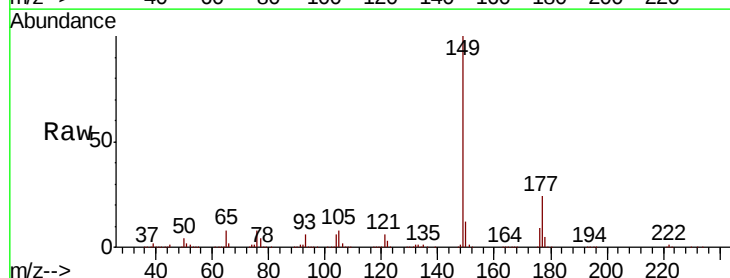


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

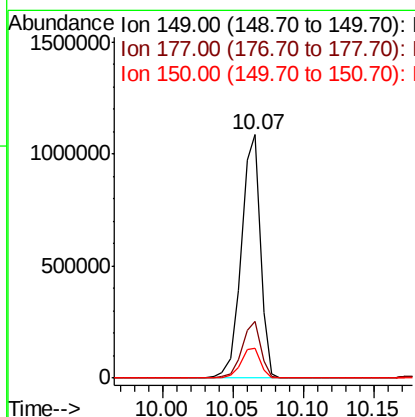
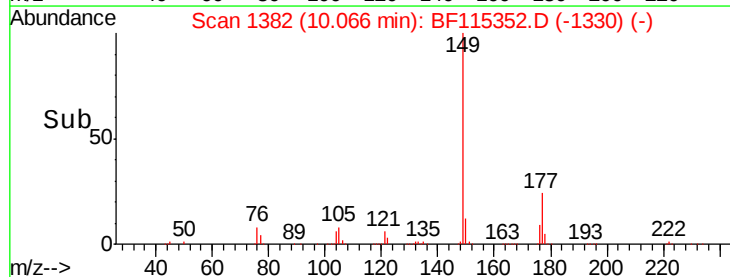


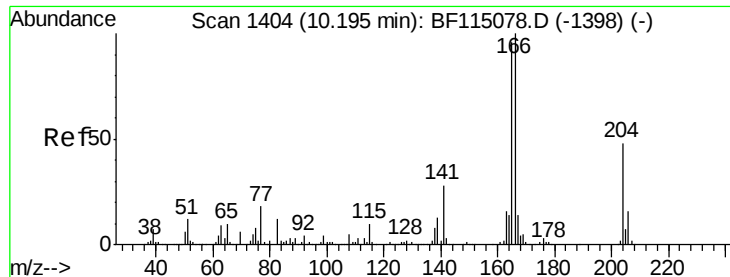
#60
 Diethylphthalate
 Concen: 39.881 ng
 RT: 10.07 min Scan# 1382
 Delta R.T. 0.01 min
 Lab File: BF115352.D
 Acq: 2 Jul 2019 9:49

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.6	18.7	28.1
150	12.4	10.4	15.6



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

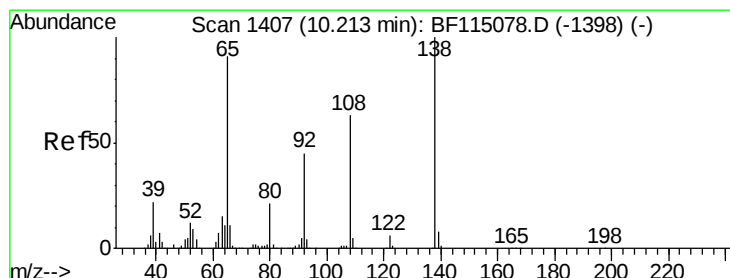
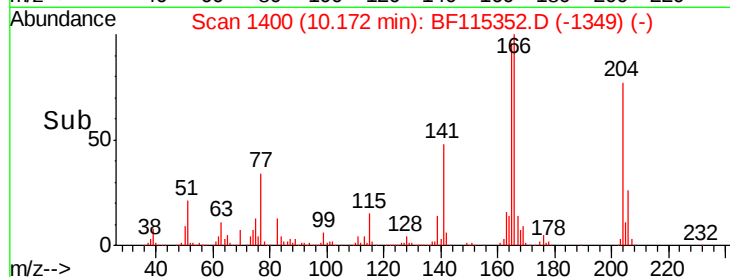
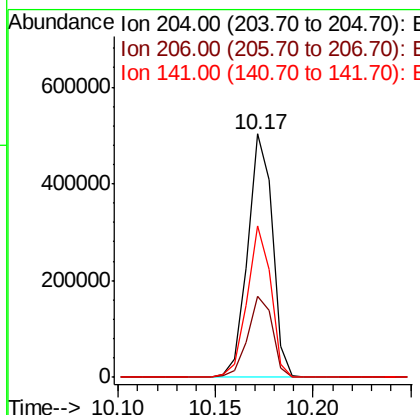
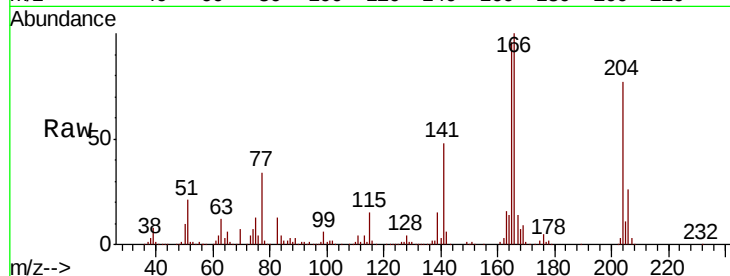




#61
4-Chlorophenyl-phenylether
Concen: 44.258 ng
RT: 10.17 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BF115352.D
Acq: 2 Jul 2019 9:49

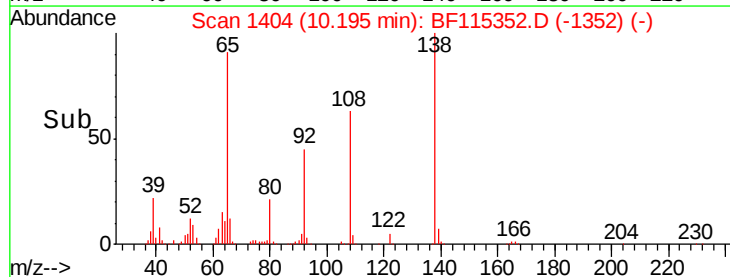
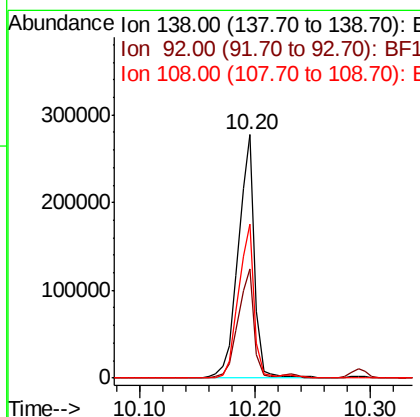
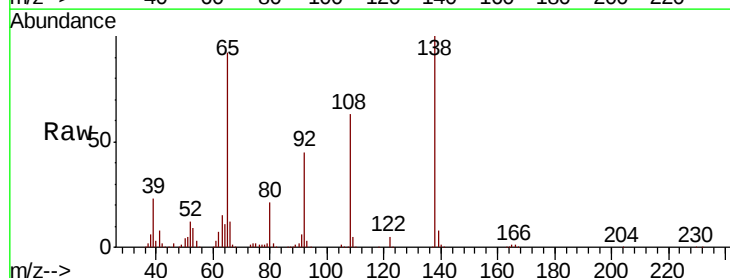
Instrument :
BNA_F
ClientSampleId :
PB121059BSD

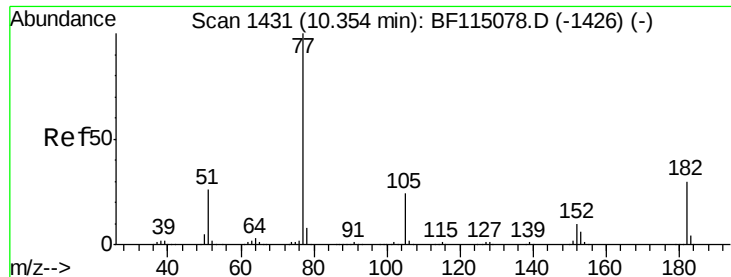
Tot Ion:204 Resp: 441413
Ion Ratio Lower Upper
204 100
206 33.4 26.6 40.0
141 62.2 46.7 70.1



#62
4-Nitroaniline
Concen: 37.942 ng
RT: 10.20 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF115352.D
Acq: 2 Jul 2019 9:49

Tgt Ion:138 Resp: 273149
Ion Ratio Lower Upper
138 100
92 45.1 24.8 64.8
108 63.4 43.3 83.3

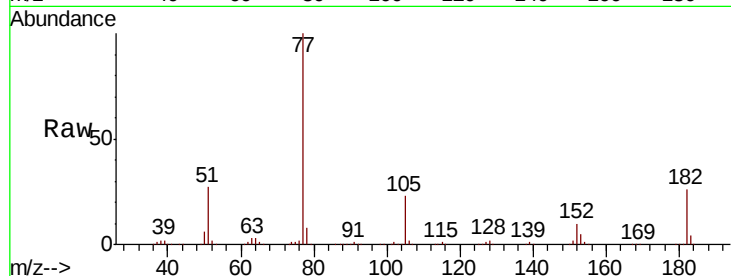




#63
Azobenzene
Concen: 39.160 ng
RT: 10.33 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF115352.D
Acq: 2 Jul 2019 9:49

Instrument :
BNA_F
ClientSampleId :
PB121059BSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.2	10.1	50.1	
105	23.3	4.5	44.5	
51	27.0	6.4	46.4	



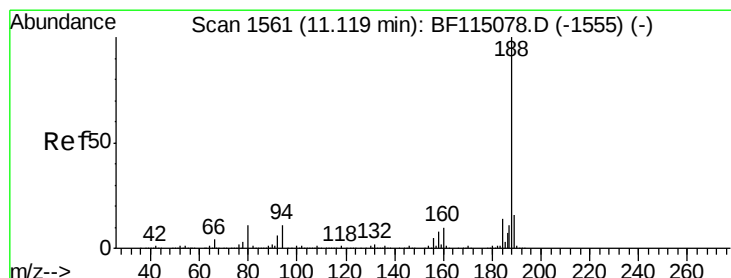
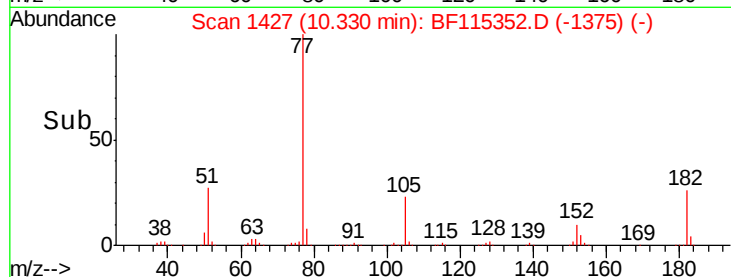
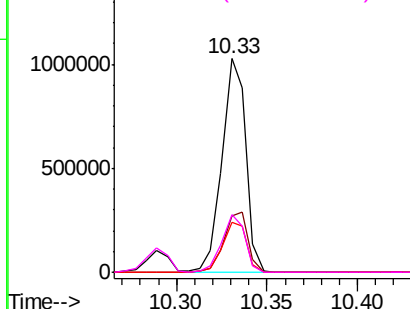
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

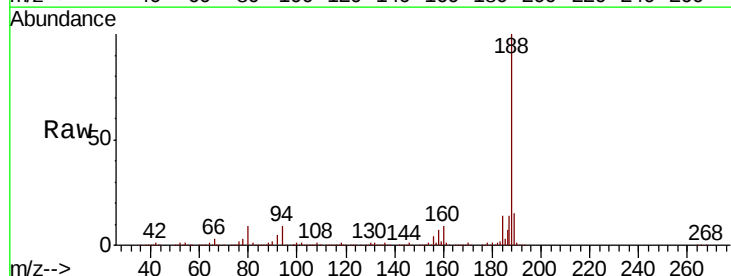
Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1559
Delta R.T. 0.01 min
Lab File: BF115352.D
Acq: 2 Jul 2019 9:49

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.0	8.6	12.8	
80	9.4	8.8	13.2	

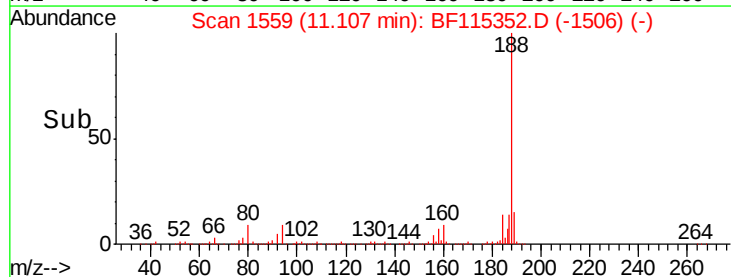
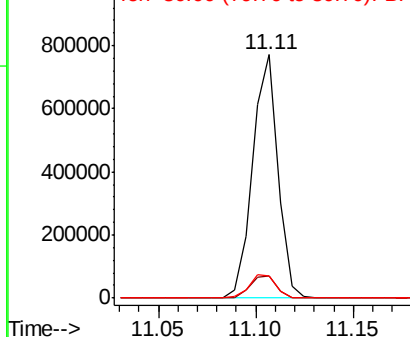


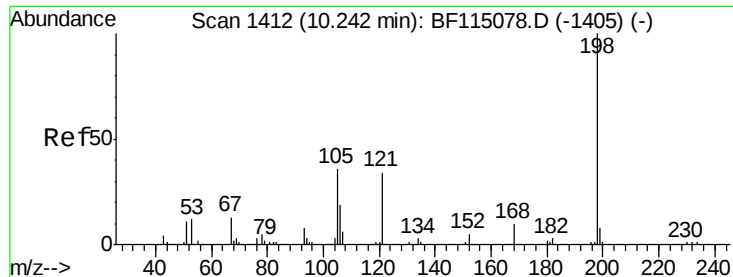
Abundance

Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

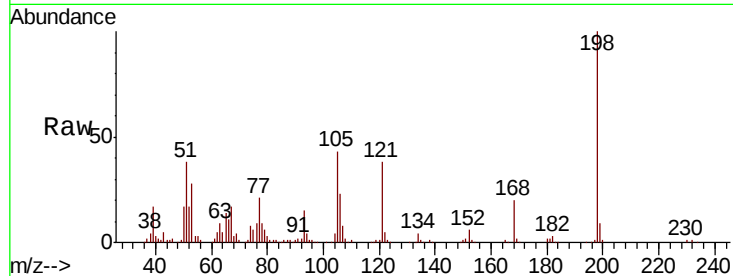




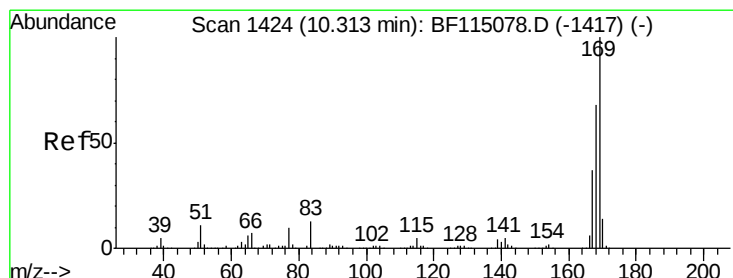
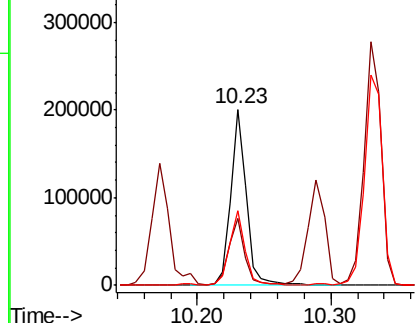
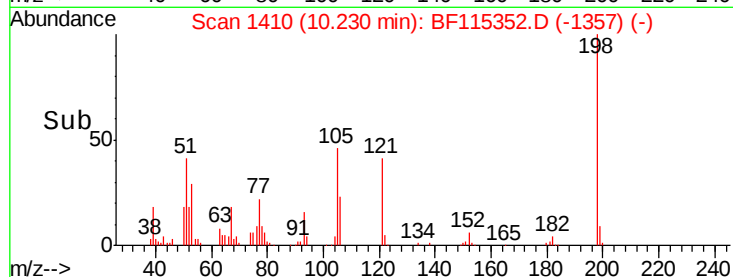
#65
 4,6-Dinitro-2-methylphenol
 Concen: 45.395 ng
 RT: 10.23 min Scan# 1410
 Delta R.T. 0.01 min
 Lab File: BF115352.D
 Acq: 2 Jul 2019 9:49

Instrument :
 BNA_F
 ClientSampleId :
 PB121059BSD

Tot Ion:198 Resp: 166206
 Ion Ratio Lower Upper
 198 100
 51 38.0 11.0 51.0
 105 42.6 17.3 57.3

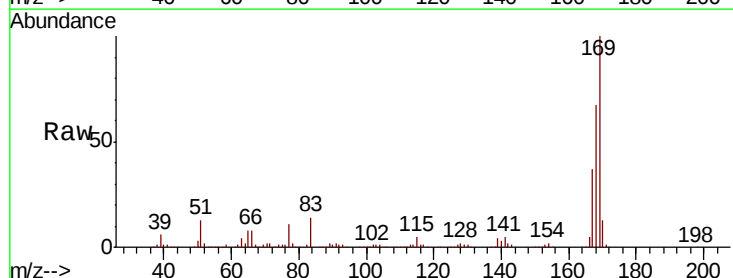


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

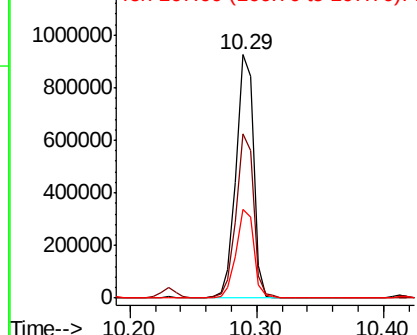
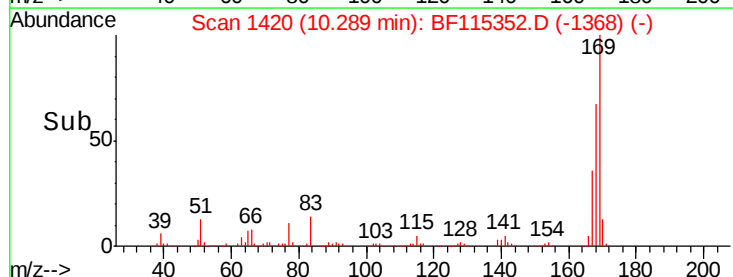


#66
 n-Nitrosodiphenylamine
 Concen: 40.592 ng
 RT: 10.29 min Scan# 1420
 Delta R.T. 0.01 min
 Lab File: BF115352.D
 Acq: 2 Jul 2019 9:49

Tgt Ion:169 Resp: 875994
 Ion Ratio Lower Upper
 169 100
 168 67.3 54.2 81.4
 167 36.6 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

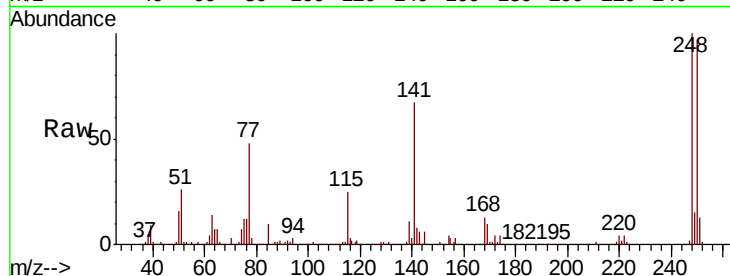




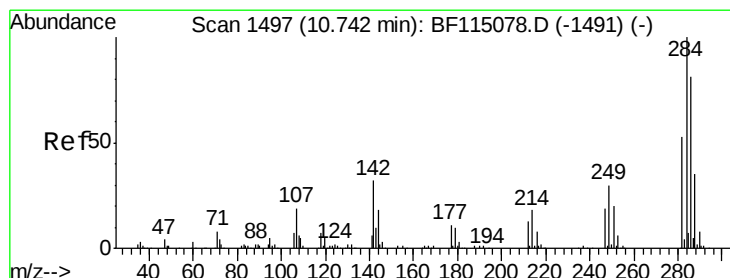
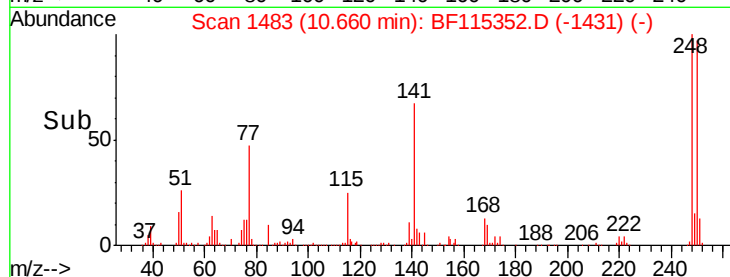
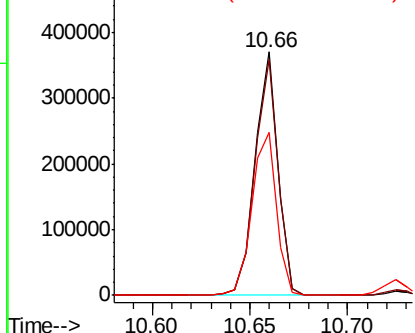
#67
4-Bromophenyl-phenylether
Concen: 40.142 ng
RT: 10.66 min Scan# 1483
Delta R.T. 0.01 min
Lab File: BF115352.D
Acq: 2 Jul 2019 9:49

Instrument :
BNA_F
ClientSampled :
PB121059BSD

Tot Ion:248 Resp: 301470
Ion Ratio Lower Upper
248 100
250 97.0 76.2 114.2
141 67.0 59.6 89.4

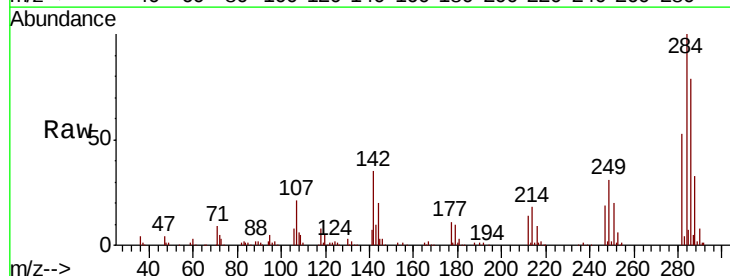


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

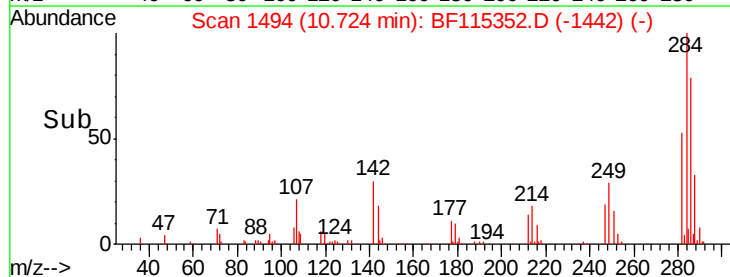
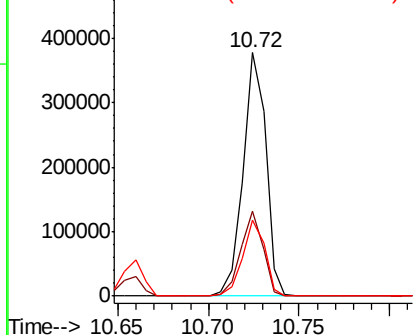


#68
Hexachlorobenzene
Concen: 40.448 ng
RT: 10.72 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BF115352.D
Acq: 2 Jul 2019 9:49

Tgt Ion:284 Resp: 329727
Ion Ratio Lower Upper
284 100
142 34.9 25.8 38.8
249 31.0 24.2 36.4



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

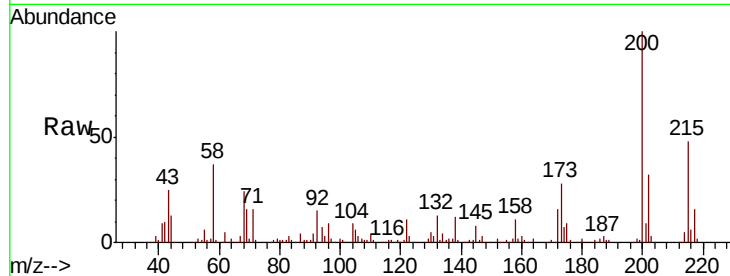




#69
 Atrazine
 Concen: 40.779 ng
 RT: 10.82 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: BF115352.D
 Acq: 2 Jul 2019 9:49

Instrument :
 BNA_F
 ClientSampleId :
 PB121059BSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.6	7.4	47.4
215	47.8	27.8	67.8

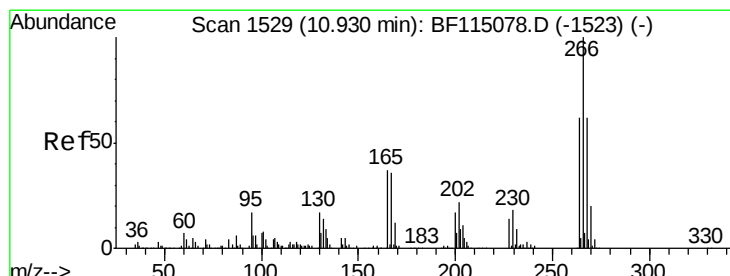
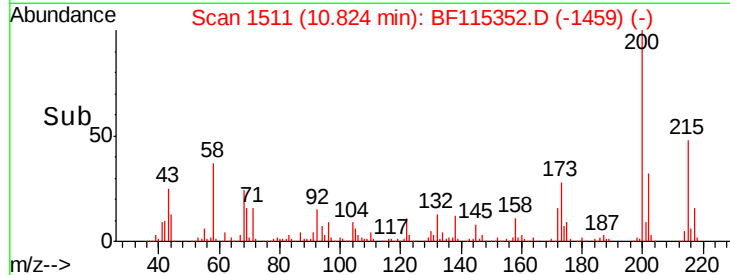
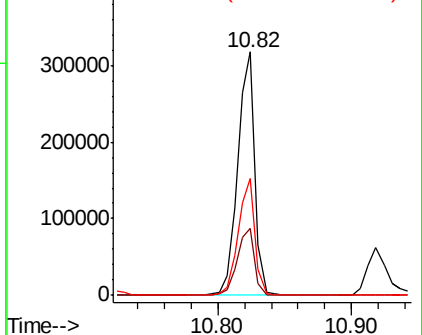


Abundance

Ion 200.00 (199.70 to 200.70): E

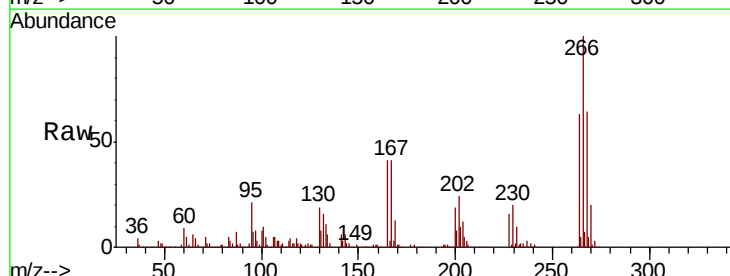
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 76.592 ng
 RT: 10.92 min Scan# 1527
 Delta R.T. 0.01 min
 Lab File: BF115352.D
 Acq: 2 Jul 2019 9:49

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.3	49.5	74.3
264	63.3	49.3	73.9

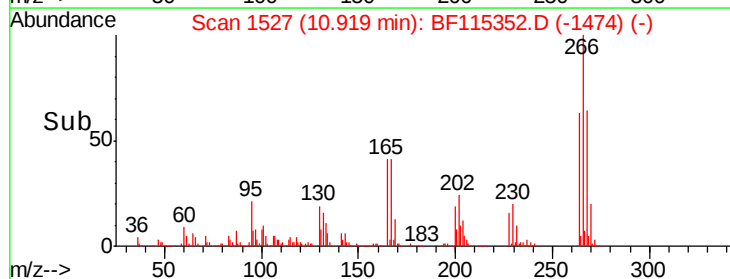
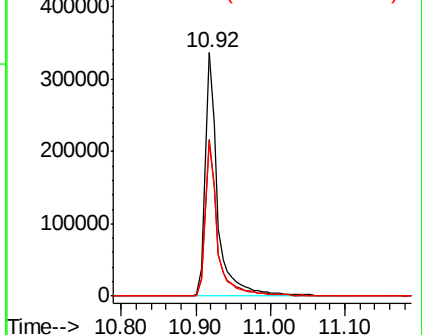


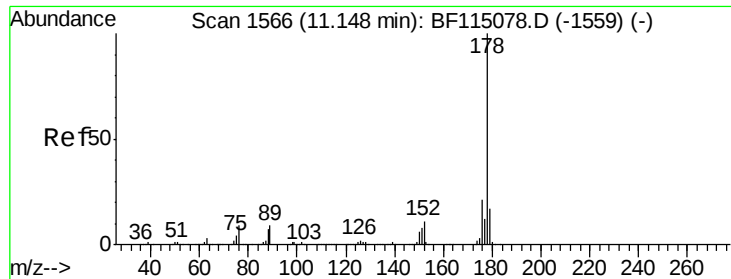
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

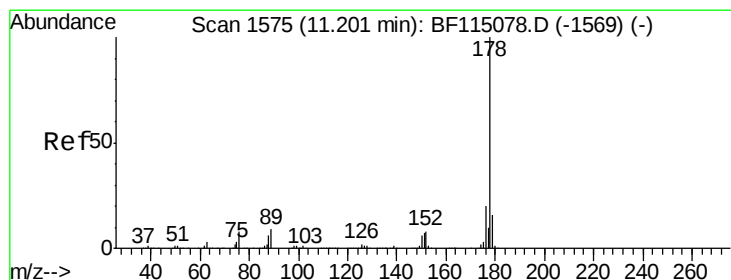
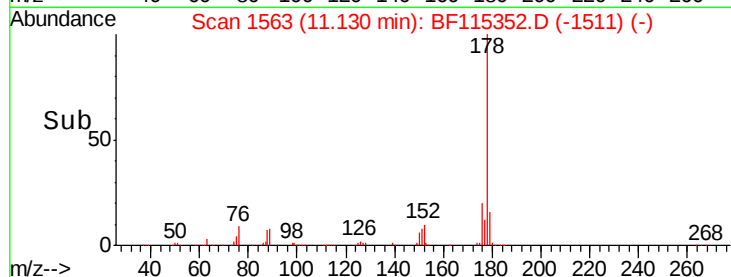
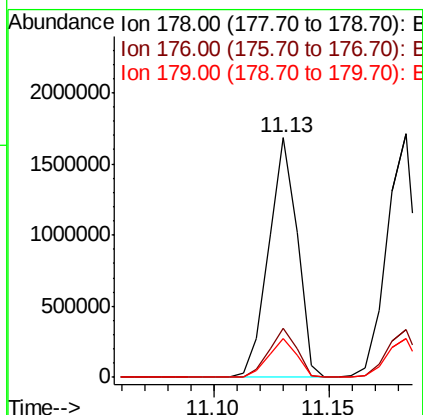
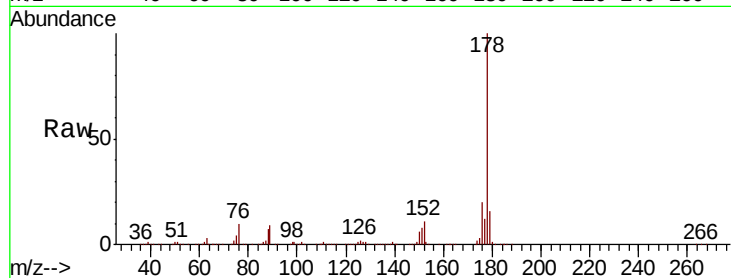




#71
Phenanthrene
Concen: 38.912 ng
RT: 11.13 min Scan# 1563
Delta R.T. 0.01 min
Lab File: BF115352.D
Acq: 2 Jul 2019 9:49

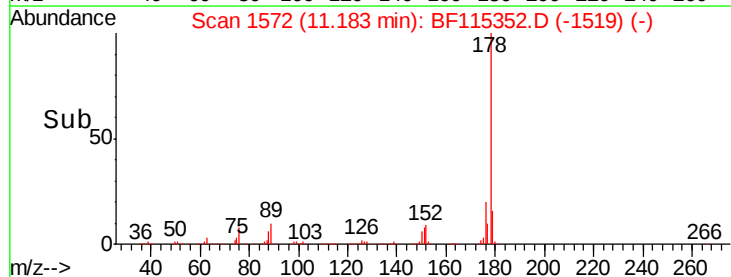
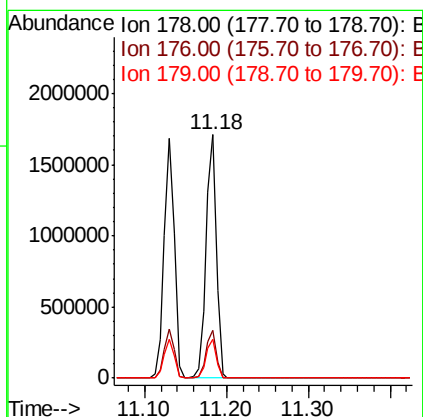
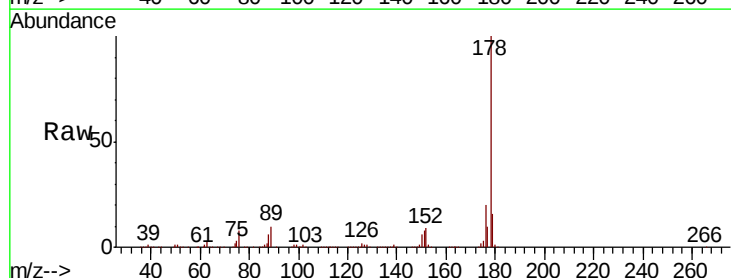
Instrument :
BNA_F
ClientSampleId :
PB121059BSD

Tot Ion:178 Resp: 1451249
Ion Ratio Lower Upper
178 100
176 20.4 16.9 25.3
179 16.3 13.2 19.8



#72
Anthracene
Concen: 39.762 ng
RT: 11.18 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BF115352.D
Acq: 2 Jul 2019 9:49

Tgt Ion:178 Resp: 1496941
Ion Ratio Lower Upper
178 100
176 19.8 16.1 24.1
179 16.1 12.9 19.3



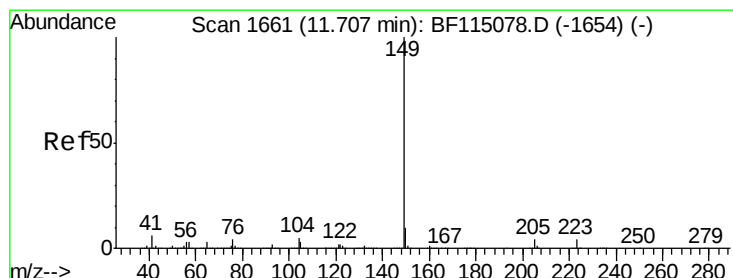
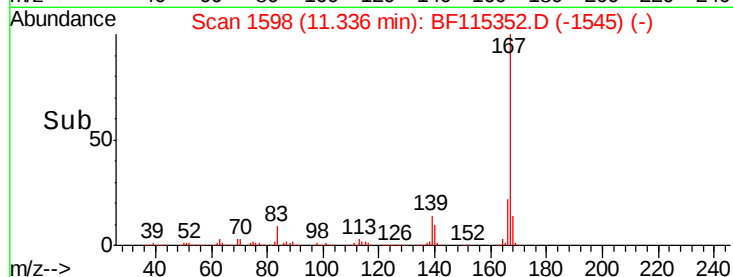
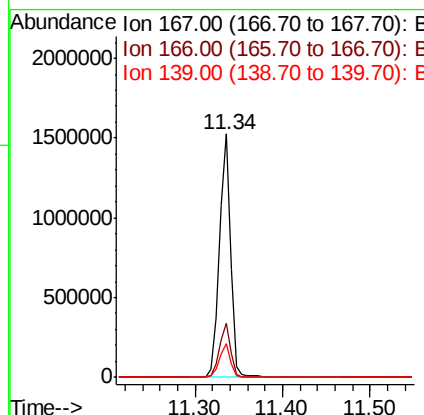
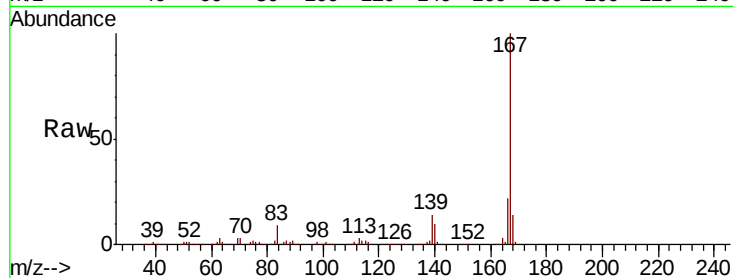


#73
 Carbazole
 Concen: 40.600 ng
 RT: 11.34 min Scan# 1598
 Delta R.T. 0.01 min
 Lab File: BF115352.D
 Acq: 2 Jul 2019 9:49

Instrument :
 BNA_F
 ClientSampleId :
 PB121059BSD

Tot Ion:167 Resp: 1364882

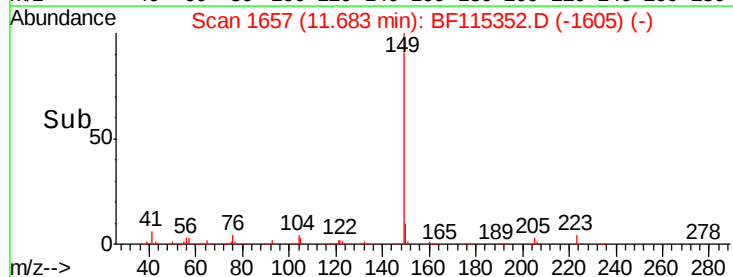
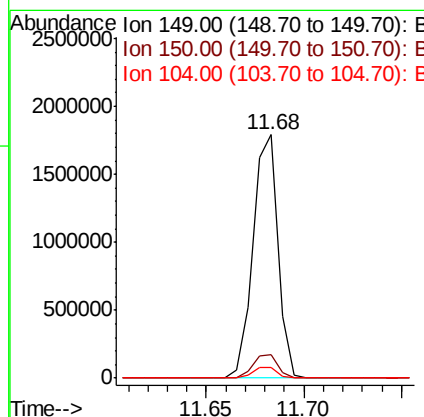
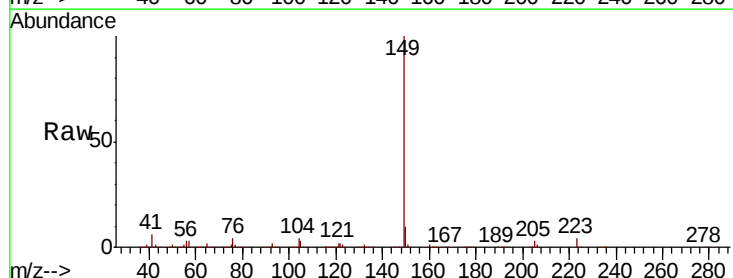
Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.0	27.0
139	13.6	11.1	16.7

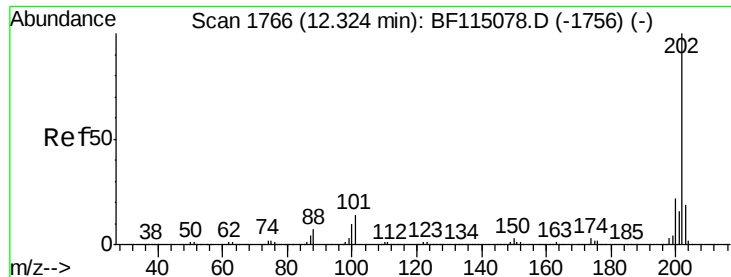


#74
 Di-n-butylphthalate
 Concen: 40.849 ng
 RT: 11.68 min Scan# 1657
 Delta R.T. 0.01 min
 Lab File: BF115352.D
 Acq: 2 Jul 2019 9:49

Tgt Ion:149 Resp: 1586875

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.8
104	4.4	3.7	5.5





#75

Fluoranthene

Concen: 40.462 ng

RT: 12.31 min Scan# 1764

Delta R.T. 0.01 min

Lab File: BF115352.D

Acq: 2 Jul 2019 9:49

Instrument :

BNA_F

ClientSampleId :

PB121059BSD

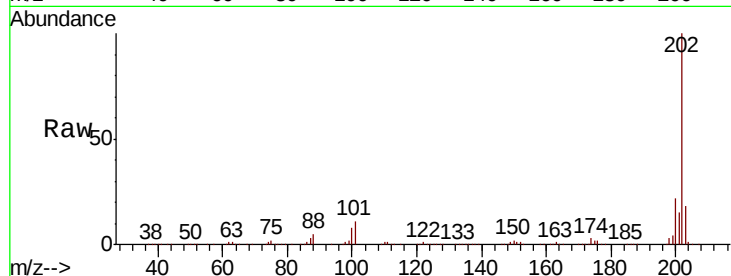
Tot Ion:202 Resp: 1505640

Ion Ratio Lower Upper

202 100

101 11.0 0.0 34.0

203 17.7 0.0 38.8

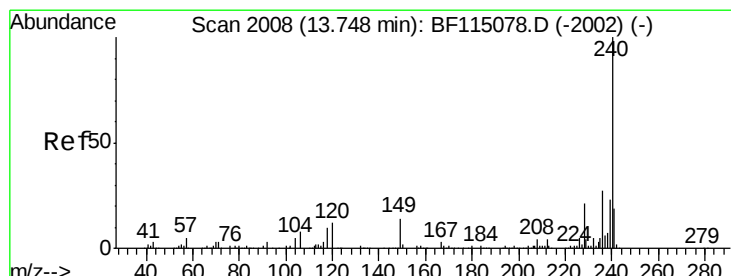
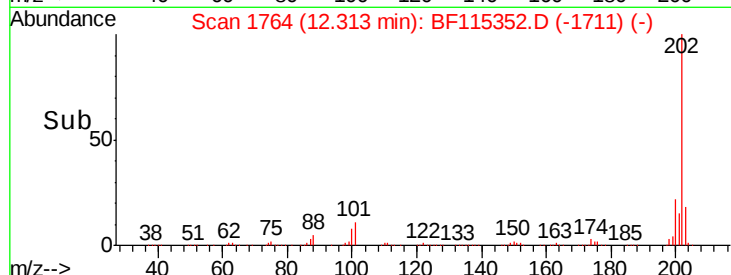
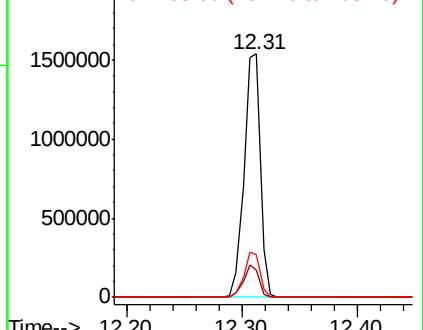


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.73 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BF115352.D

Acq: 2 Jul 2019 9:49

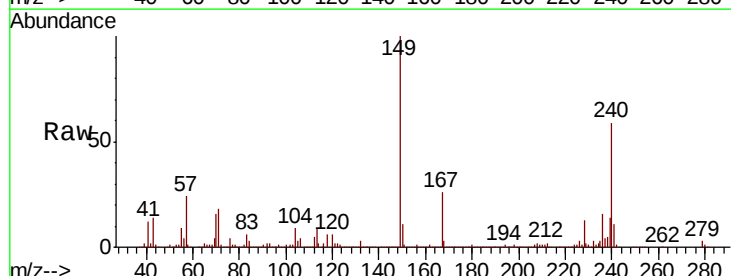
Tgt Ion:240 Resp: 477515

Ion Ratio Lower Upper

240 100

120 10.8 9.4 14.2

236 27.2 21.7 32.5

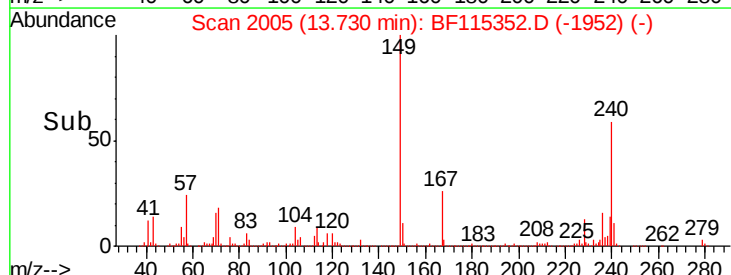
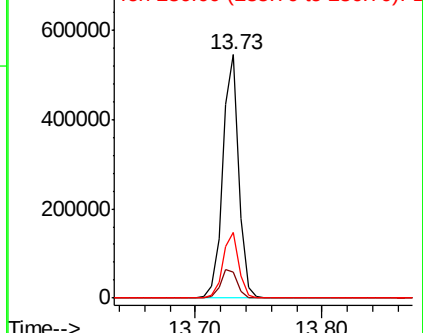


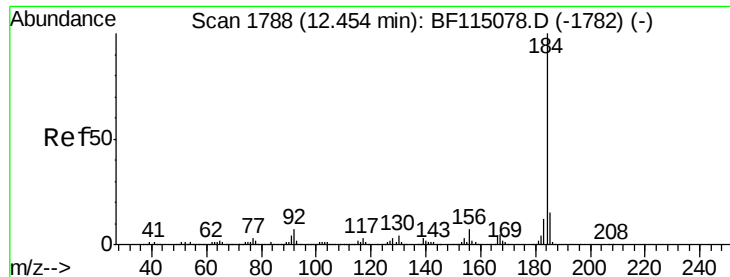
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 33.336 ng

RT: 12.43 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF115352.D

Acq: 2 Jul 2019 9:49

Instrument :

BNA_F

ClientSampleId :

PB121059BSD

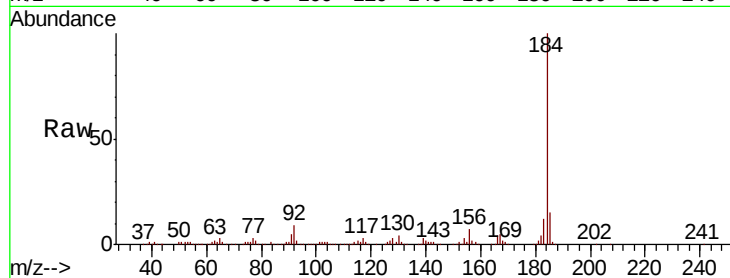
Tot Ion:184 Resp: 706841

Ion Ratio Lower Upper

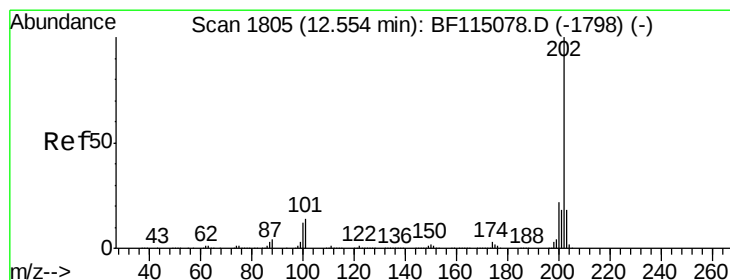
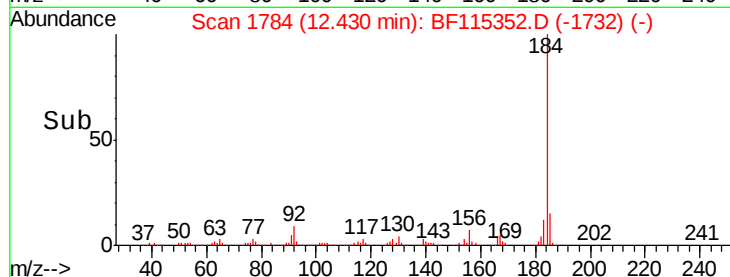
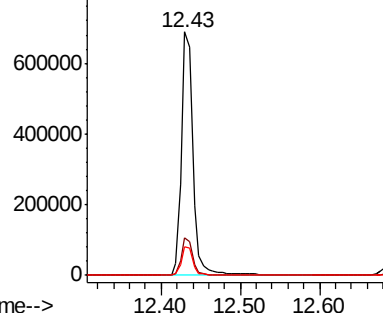
184 100

185 15.3 12.2 18.2

183 11.9 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.915 ng

RT: 12.54 min Scan# 1802

Delta R.T. 0.01 min

Lab File: BF115352.D

Acq: 2 Jul 2019 9:49

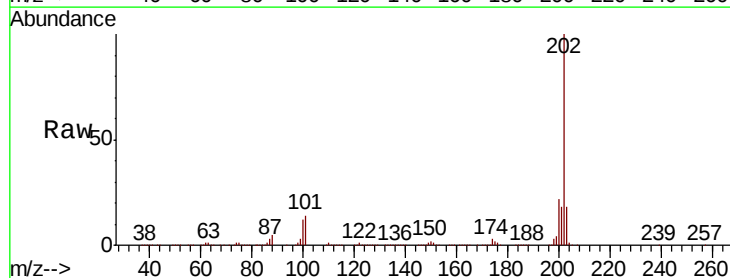
Tgt Ion:202 Resp: 1538151

Ion Ratio Lower Upper

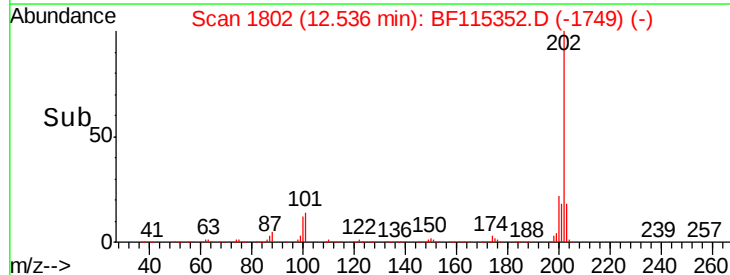
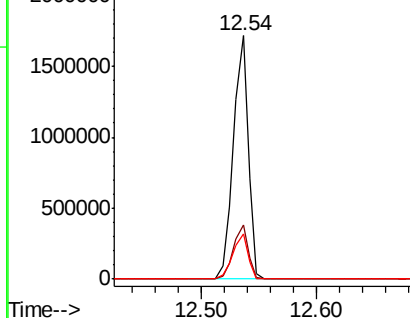
202 100

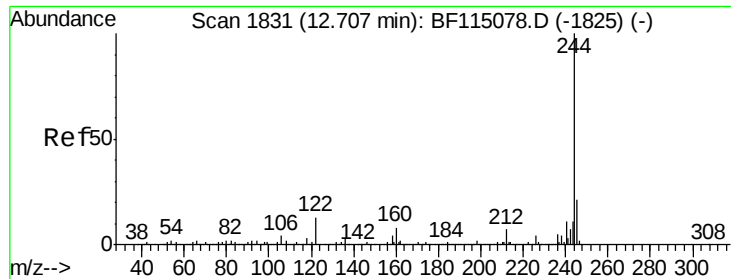
200 22.3 17.9 26.9

203 18.4 14.6 21.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 89.882 ng

RT: 12.69 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF115352.D

Acq: 2 Jul 2019 9:49

Instrument :

BNA_F

ClientSampleId :

PB121059BSD

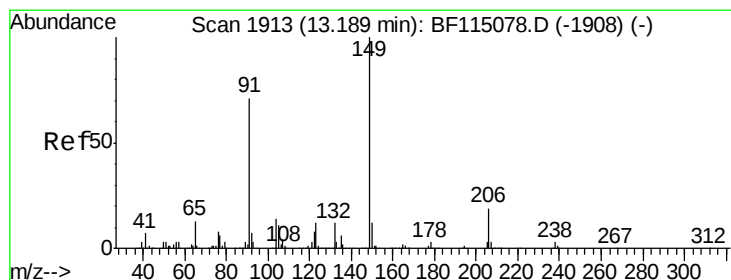
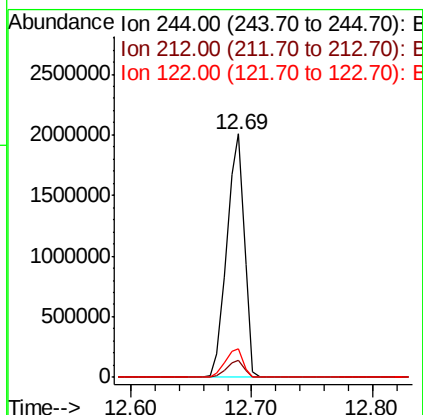
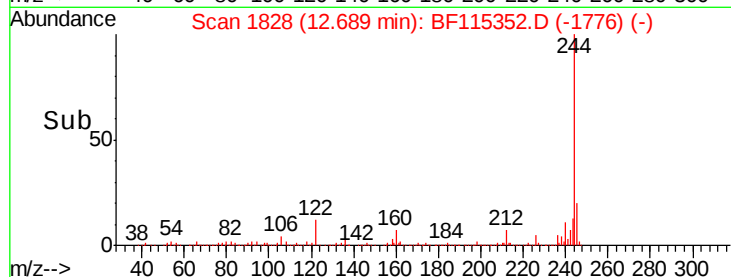
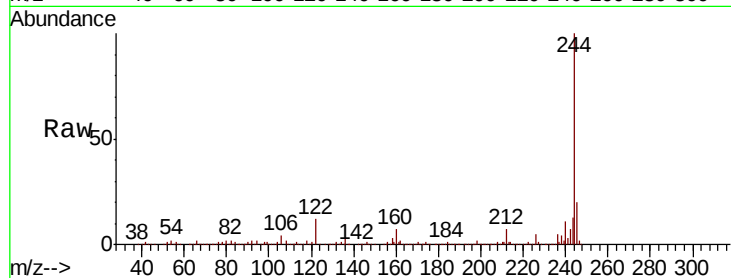
Tot Ion:244 Resp: 2018676

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

122 11.7 10.4 15.6



#80

Butylbenzylphthalate

Concen: 42.674 ng

RT: 13.17 min Scan# 1909

Delta R.T. 0.01 min

Lab File: BF115352.D

Acq: 2 Jul 2019 9:49

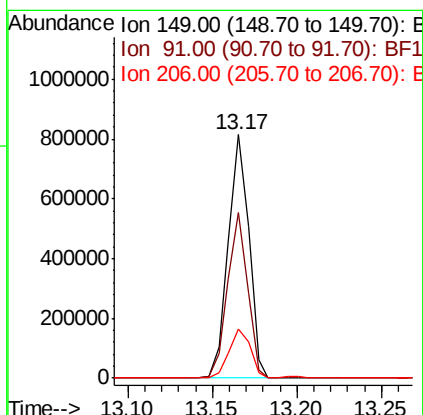
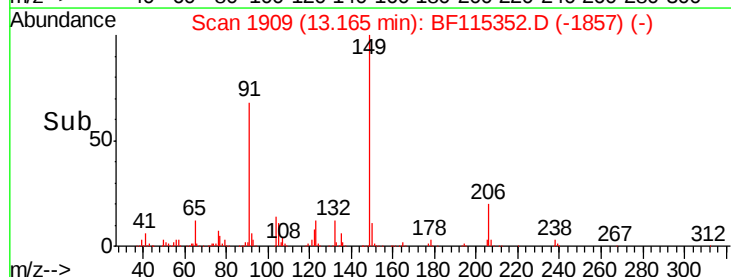
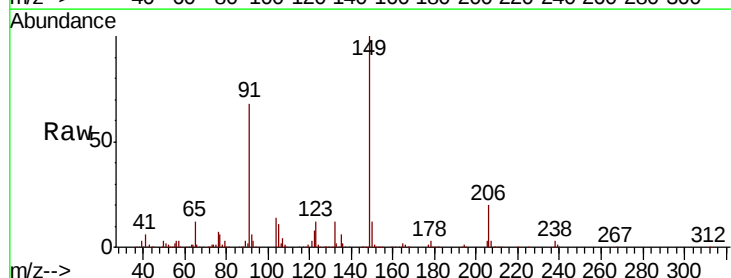
Tgt Ion:149 Resp: 691098

Ion Ratio Lower Upper

149 100

91 68.1 56.5 84.7

206 20.1 15.3 22.9





#81

Benzo(a)anthracene

Concen: 39.927 ng

RT: 13.72 min Scan# 2003

Delta R.T. 0.01 min

Lab File: BF115352.D

Acq: 2 Jul 2019 9:49

Instrument :

BNA_F

ClientSampleId :

PB121059BSD

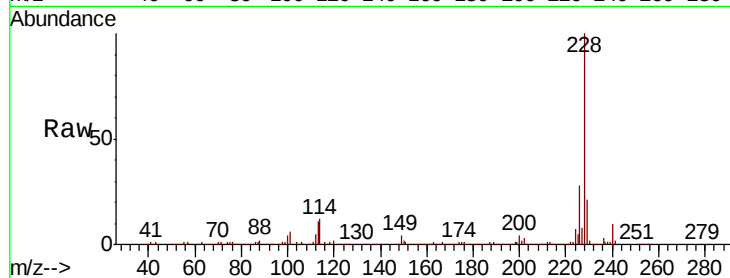
Tot Ion:228 Resp: 1368033

Ion Ratio Lower Upper

228 100

226 28.1 22.5 33.7

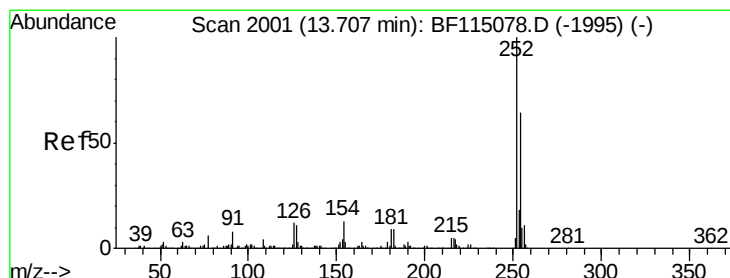
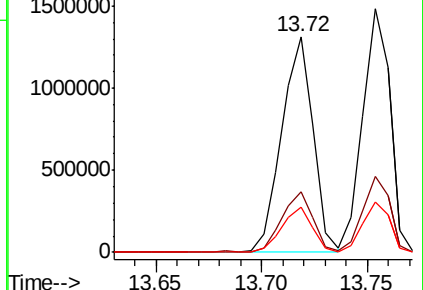
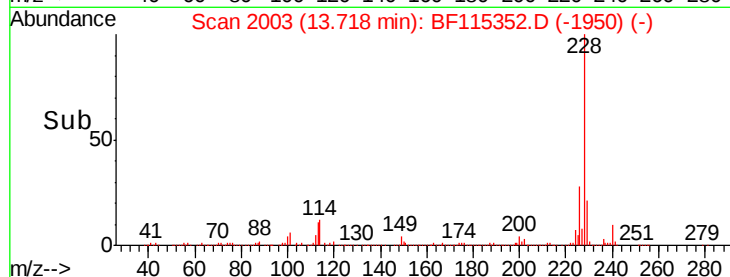
229 20.8 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 33.904 ng

RT: 13.68 min Scan# 1997

Delta R.T. 0.01 min

Lab File: BF115352.D

Acq: 2 Jul 2019 9:49

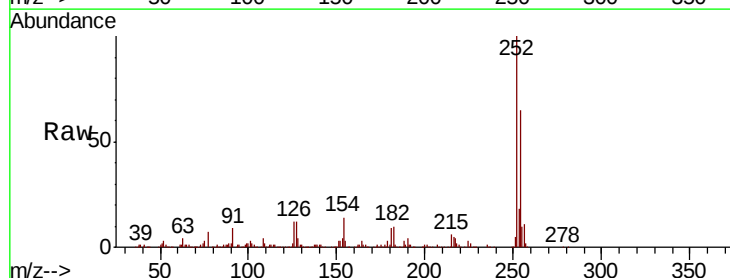
Tgt Ion:252 Resp: 419499

Ion Ratio Lower Upper

252 100

254 64.9 51.1 76.7

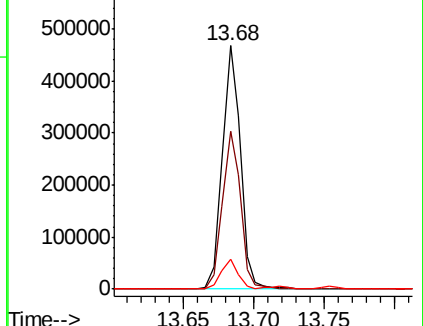
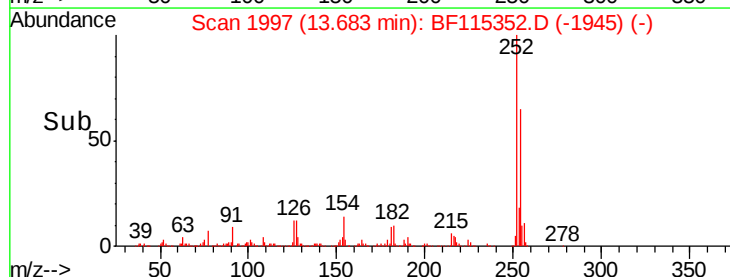
126 12.5 9.4 14.0

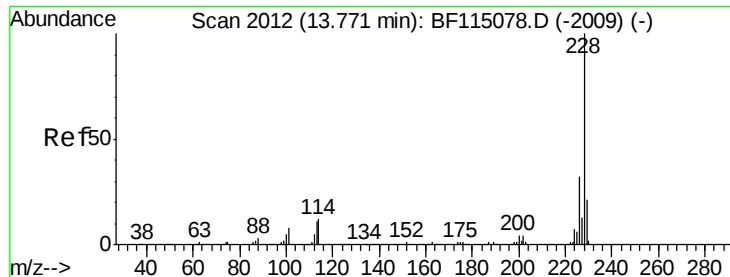


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.798 ng

RT: 13.75 min Scan# 2009

Delta R.T. 0.01 min

Lab File: BF115352.D

Acq: 2 Jul 2019 9:49

Instrument :

BNA_F

ClientSampleId :

PB121059BSD

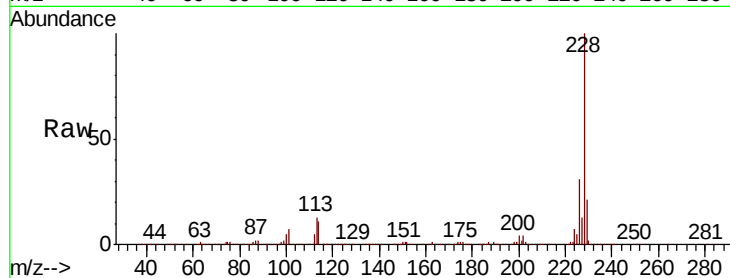
Tot Ion:228 Resp: 1343265

Ion Ratio Lower Upper

228 100

226 31.1 25.4 38.0

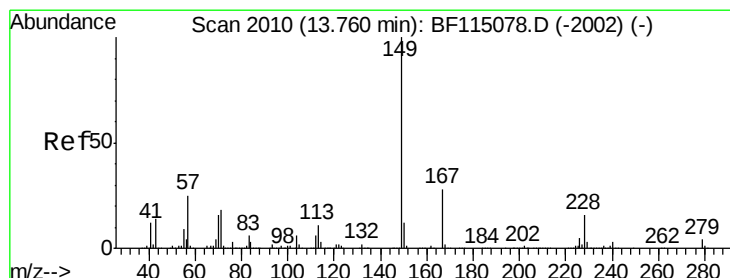
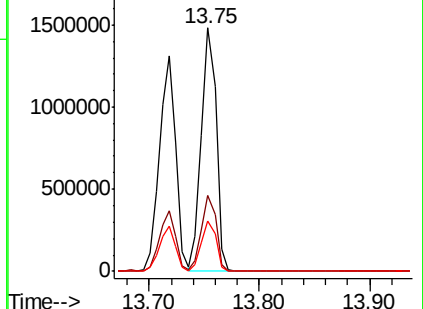
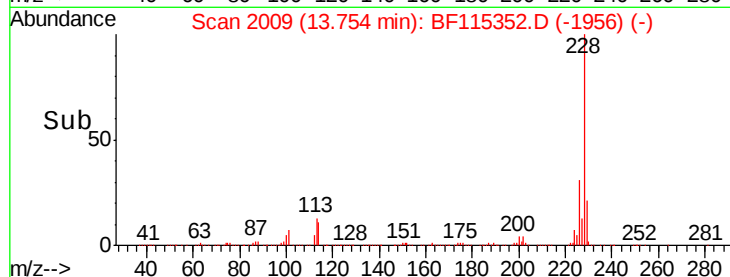
229 20.8 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.895 ng

RT: 13.74 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BF115352.D

Acq: 2 Jul 2019 9:49

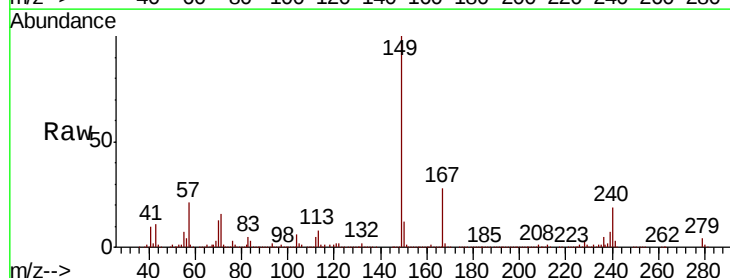
Tgt Ion:149 Resp: 910245

Ion Ratio Lower Upper

149 100

167 28.0 22.2 33.4

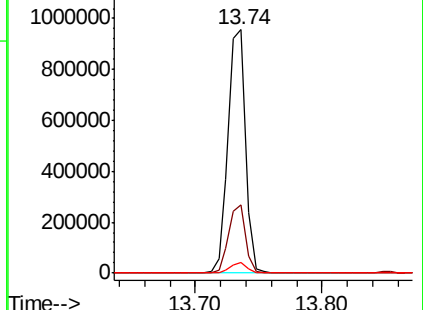
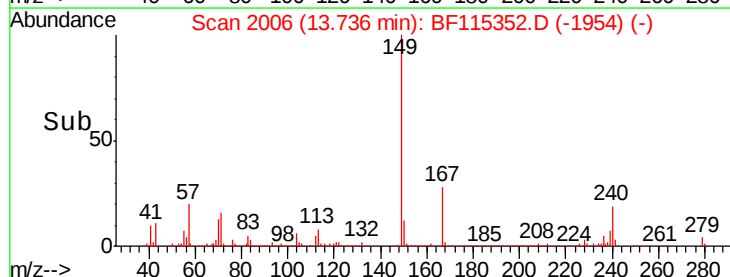
279 4.5 2.9 4.3#

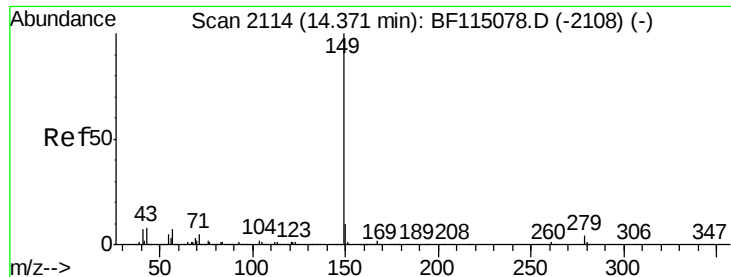


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 44.896 ng

RT: 14.34 min Scan# 2109

Delta R.T. 0.00 min

Lab File: BF115352.D

Acq: 2 Jul 2019 9:49

Instrument :

BNA_F

ClientSampleId :

PB121059BSD

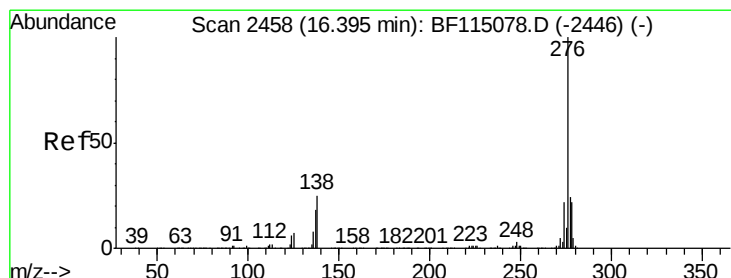
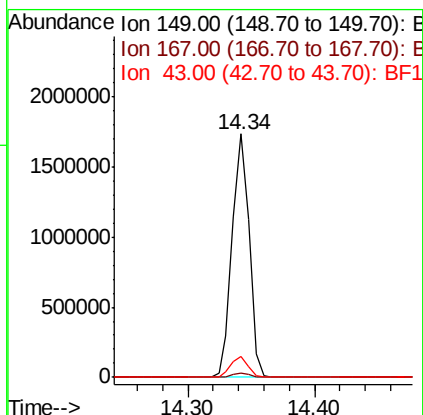
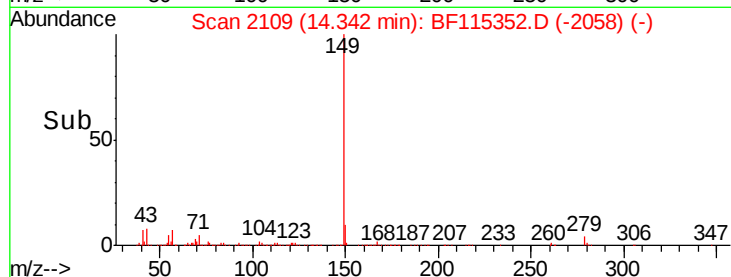
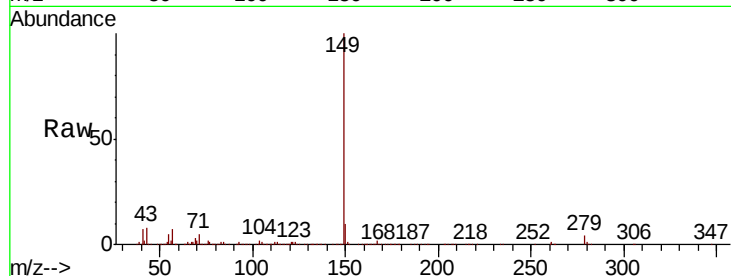
Tot Ion:149 Resp: 1600714

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 8.2 7.0 10.6



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.116 ng

RT: 16.38 min Scan# 2455

Delta R.T. 0.02 min

Lab File: BF115352.D

Acq: 2 Jul 2019 9:49

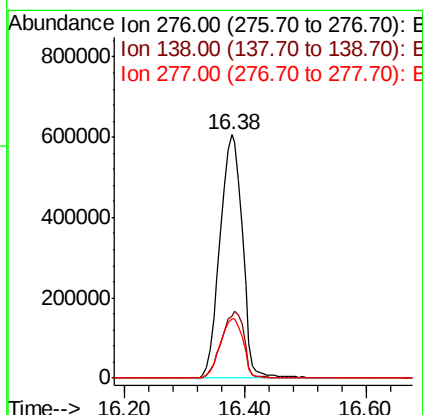
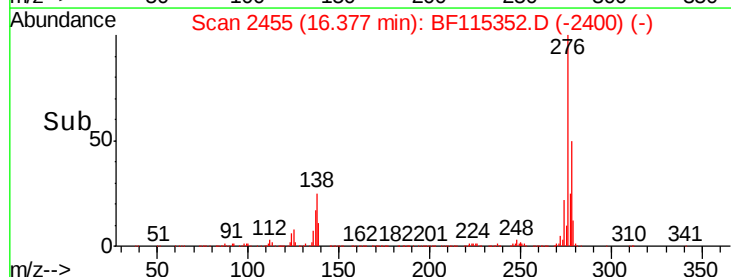
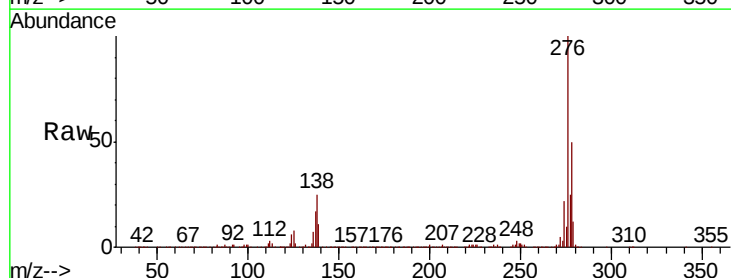
Tgt Ion:276 Resp: 1564123

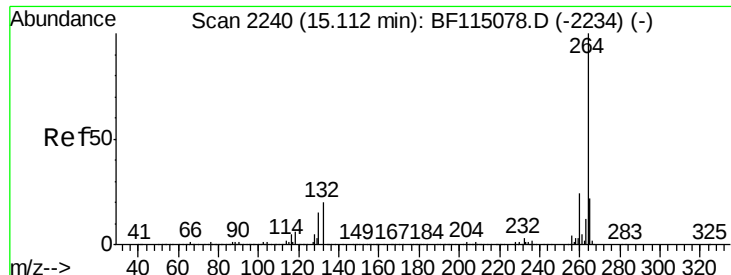
Ion Ratio Lower Upper

276 100

138 27.9 23.2 34.8

277 25.3 20.1 30.1

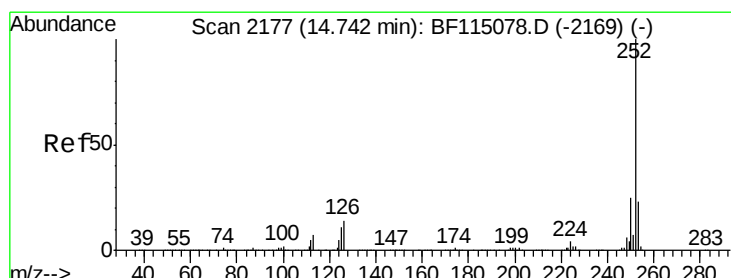
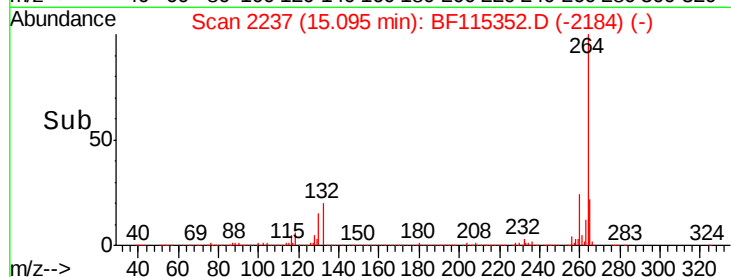
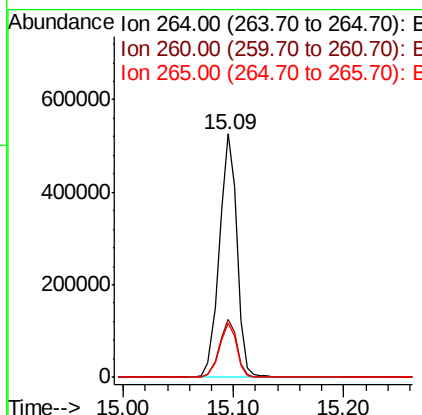
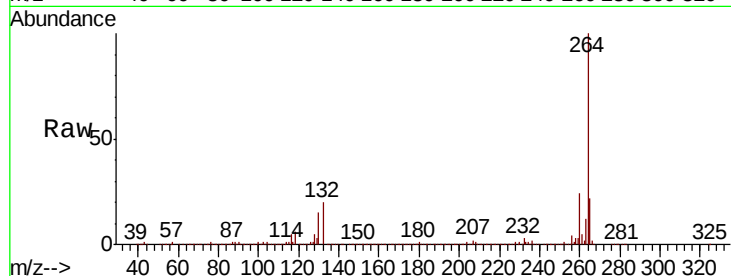




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.09 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF115352.D
Acq: 2 Jul 2019 9:49

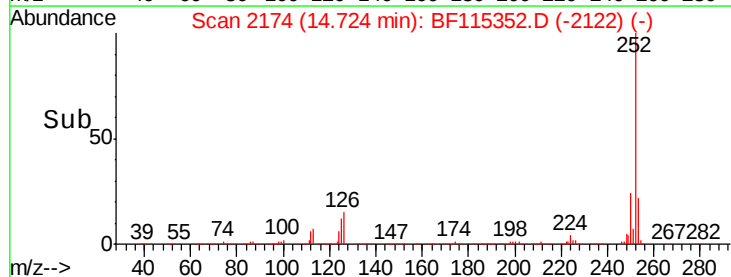
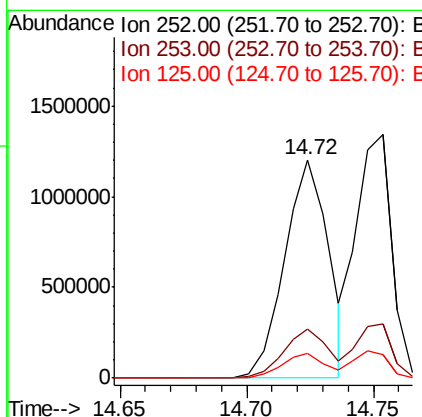
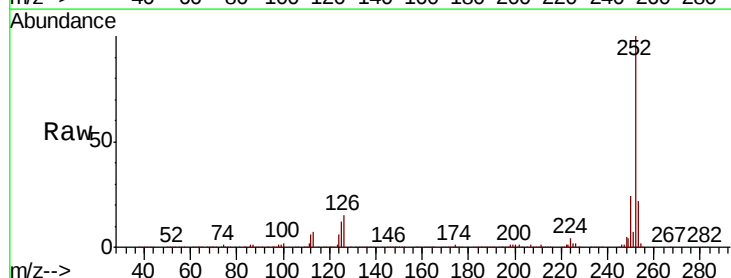
Instrument :
BNA_F
ClientSampleId :
PB121059BSD

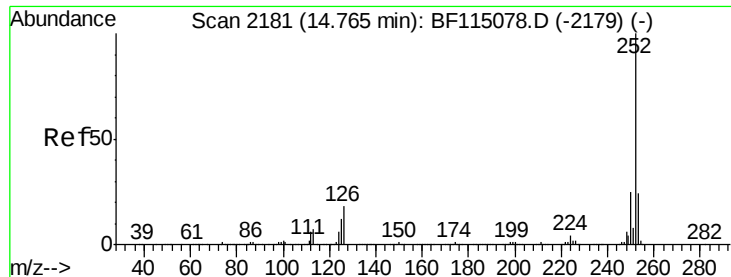
Tot Ion:264 Resp: 583431
Ion Ratio Lower Upper
264 100
260 24.0 19.6 29.4
265 22.0 17.3 25.9



#88
Benzo(b)fluoranthene
Concen: 39.671 ng
RT: 14.72 min Scan# 2174
Delta R.T. 0.01 min
Lab File: BF115352.D
Acq: 2 Jul 2019 9:49

Tgt Ion:252 Resp: 1444200
Ion Ratio Lower Upper
252 100
253 22.5 18.1 27.1
125 11.5 8.7 13.1

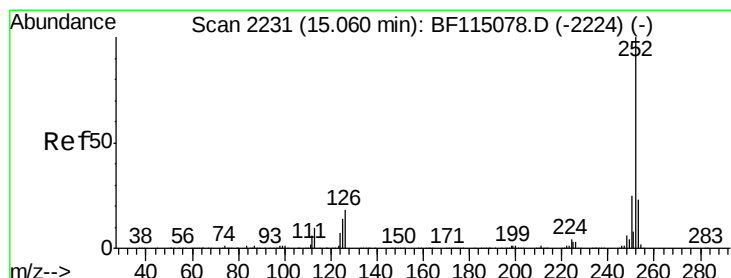
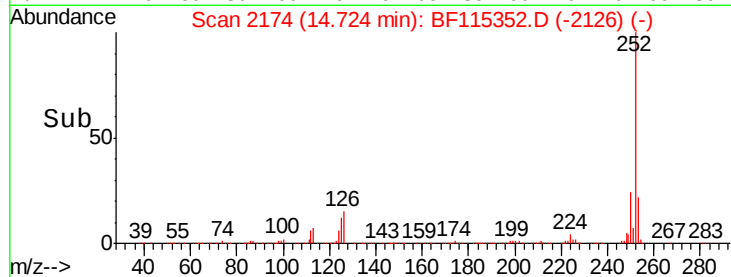
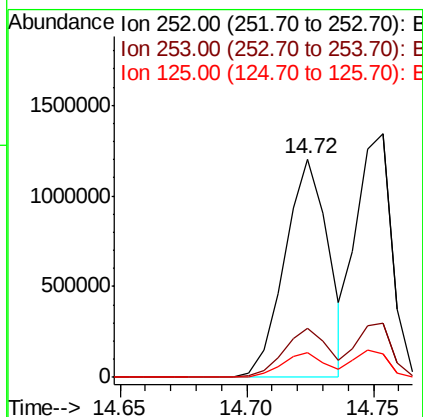
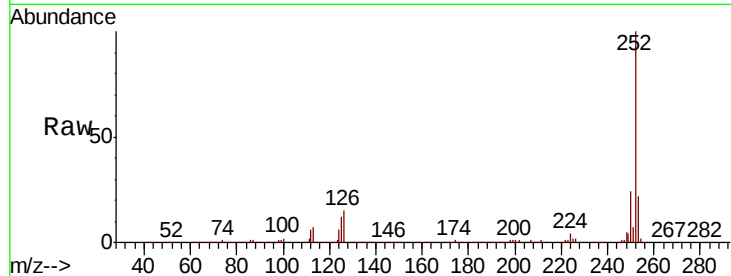




#89
Benzo(k)fluoranthene
Concen: 44.237 ng
RT: 14.72 min Scan# 2174
Delta R.T. -0.02 min
Lab File: BF115352.D
Acq: 2 Jul 2019 9:49

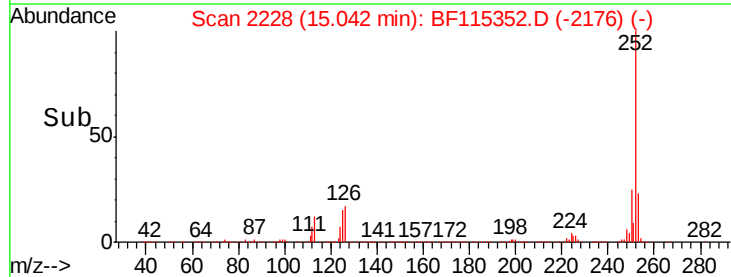
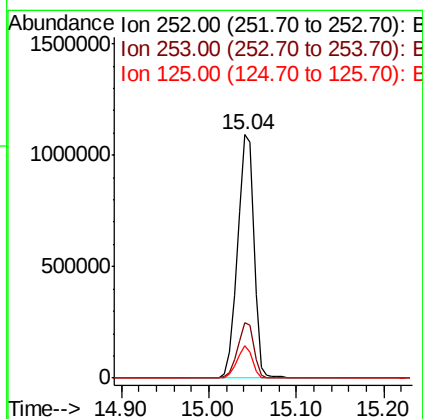
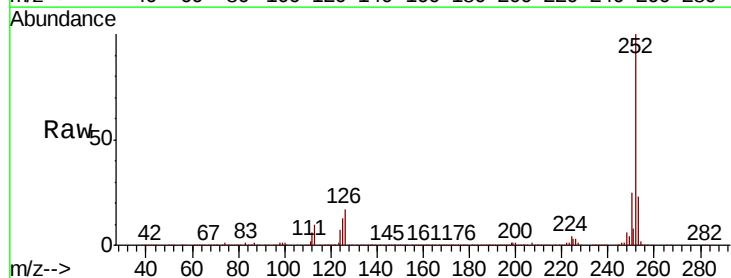
Instrument :
BNA_F
ClientSampleId :
PB121059BSD

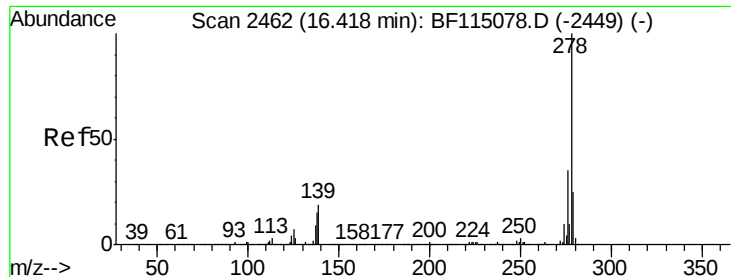
Tot Ion:252 Resp: 1444200
Ion Ratio Lower Upper
252 100
253 22.5 18.9 28.3
125 11.5 10.2 15.2



#90
Benzo(a)pyrene
Concen: 41.761 ng
RT: 15.04 min Scan# 2228
Delta R.T. 0.01 min
Lab File: BF115352.D
Acq: 2 Jul 2019 9:49

Tgt Ion:252 Resp: 1370258
Ion Ratio Lower Upper
252 100
253 22.6 18.3 27.5
125 13.2 10.9 16.3





#91

Dibenzo(a,h)anthracene

Concen: 41.836 ng

RT: 16.39 min Scan# 2458

Delta R.T. 0.02 min

Lab File: BF115352.D

Acq: 2 Jul 2019 9:49

Instrument :

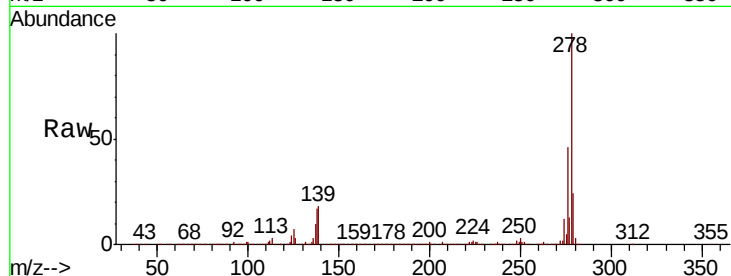
BNA_F

ClientSampleId :

PB121059BSD

Tot Ion:278 Resp: 1281529

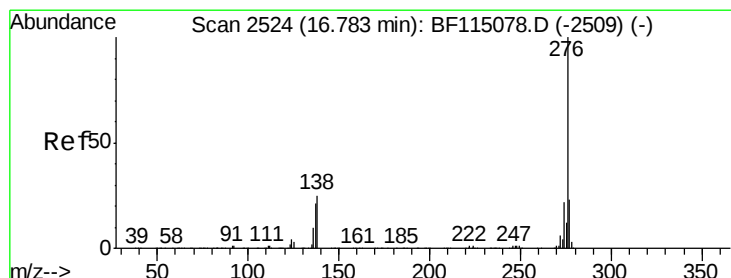
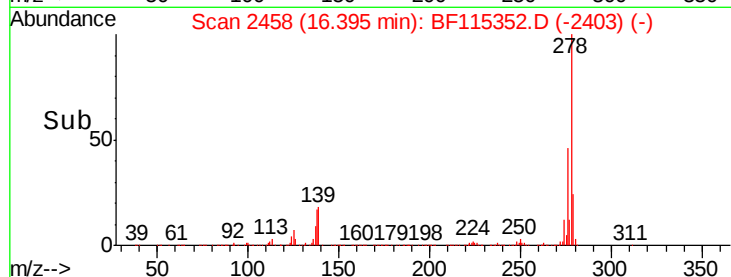
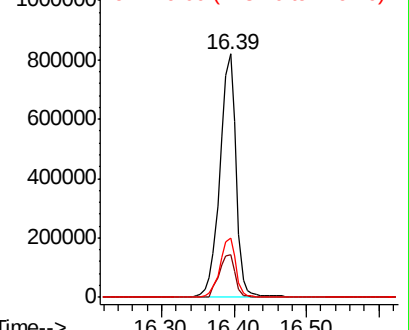
Ion	Ratio	Lower	Upper
278	100		
139	17.6	15.4	23.2
279	24.2	19.9	29.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 41.892 ng

RT: 16.76 min Scan# 2520

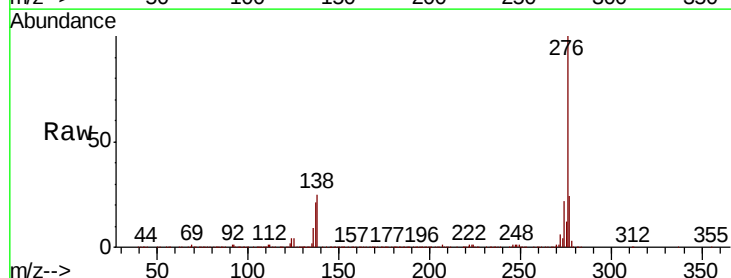
Delta R.T. 0.02 min

Lab File: BF115352.D

Acq: 2 Jul 2019 9:49

Tgt Ion:276 Resp: 1298779

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	28.0
138	24.7	19.8	29.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

