

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081919\
 Data File : BF116381.D
 Acq On : 19 Aug 2019 10:26
 Operator : HP/JU
 Sample : PB122335BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122335BS

Quant Time: Aug 19 16:15:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:03:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	120751	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	506292	20.00	ng	-0.01
39) Acenaphthene-d10	9.84	164	270936	20.00	ng	-0.01
64) Phenanthrene-d10	11.32	188	467305	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	322610	20.00	ng	-0.01
87) Perylene-d12	15.42	264	253144	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	795006	110.22	ng	0.00
7) Phenol-d6	6.46	99	962450	105.76	ng	0.00
23) Nitrobenzene-d5	7.37	82	640384	73.01	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	272341	103.68	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	1138533	78.71	ng	-0.01
79) Terphenyl-d14	12.90	244	1222599	79.86	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	131689	36.139	ng	99
3) Pyridine	3.39	79	291634	28.650	ng	99
4) n-Nitrosodimethylamine	3.33	42	138355	34.442	ng	99
6) Aniline	6.47	93	341014	26.165	ng	# 83
8) 2-Chlorophenol	6.60	128	333941	41.867	ng	99
9) Benzaldehyde	6.37	77	81231	12.936	ng	98
10) Phenol	6.47	94	417834	38.989	ng	99
11) bis(2-Chloroethyl)ether	6.54	93	320255	40.646	ng	97
12) 1,3-Dichlorobenzene	6.75	146	357105	38.740	ng	99
13) 1,4-Dichlorobenzene	6.82	146	366084	39.664	ng	98
14) 1,2-Dichlorobenzene	6.97	146	336128	39.551	ng	99
15) Benzyl Alcohol	6.96	79	269041	38.956	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.08	45	419902	39.071	ng	76
17) 2-Methylphenol	7.07	107	276151	40.888	ng	96
18) Hexachloroethane	7.31	117	132142	38.886	ng	99
19) n-Nitroso-di-n-propylamine	7.22	70	235278	41.720	ng	99
20) 3+4-Methylphenols	7.23	107	352240	44.072	ng	# 79
22) Acetophenone	7.22	105	467739	42.125	ng	# 93
24) Nitrobenzene	7.39	77	371199	39.194	ng	99
25) Isophorone	7.63	82	676331	40.326	ng	99
26) 2-Nitrophenol	7.71	139	183592	41.124	ng	94
27) 2,4-Dimethylphenol	7.75	122	297803	44.339	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	417611	40.173	ng	99
29) 2,4-Dichlorophenol	7.96	162	290243	40.927	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	309897	38.335	ng	100
31) Naphthalene	8.10	128	978673	41.078	ng	99
32) Benzoic acid	7.91	122	155591	32.857	ng	100
33) 4-Chloroaniline	8.16	127	288701	27.120	ng	98
34) Hexachlorobutadiene	8.22	225	175227	37.632	ng	99
35) Caprolactam	8.53	113	47891	20.880	ng	99
36) 4-Chloro-3-methylphenol	8.66	107	300757	40.766	ng	95
37) 2-Methylnaphthalene	8.80	142	650327	41.446	ng	99
38) 1-Methylnaphthalene	8.89	142	613787	41.349	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	296230	40.898	ng	100

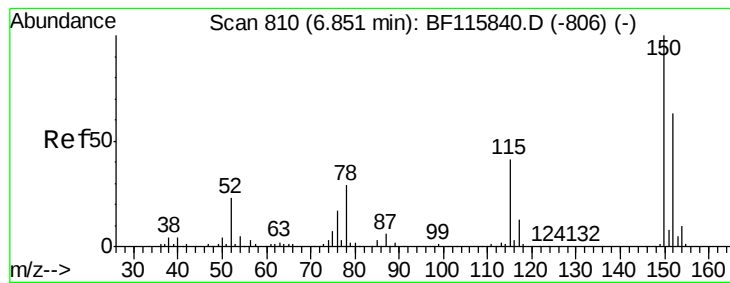
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081919\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	126274	41.881	ng	100
43) 2,4,6-Trichlorophenol	9.09	196	177038	35.510	ng	99
44) 2,4,5-Trichlorophenol	9.13	196	187322	36.348	ng	99
46) 1,1'-Biphenyl	9.26	154	796873	41.660	ng	99
47) 2-Chloronaphthalene	9.29	162	622083	39.075	ng	99
48) 2-Nitroaniline	9.39	65	192477	36.577	ng	100
49) Acenaphthylene	9.70	152	918393	39.542	ng	99
50) Dimethylphthalate	9.56	163	725591	39.332	ng	100
51) 2,6-Dinitrotoluene	9.63	165	159600	39.810	ng #	89
52) Acenaphthene	9.87	154	571121	40.082	ng	100
53) 3-Nitroaniline	9.80	138	125121	25.258	ng	97
54) 2,4-Dinitrophenol	9.93	184	104563	54.085	ng	94
55) Dibenzofuran	10.05	168	799493	38.583	ng	99
56) 4-Nitrophenol	9.99	139	148106	46.673	ng	95
57) 2,4-Dinitrotoluene	10.04	165	199105	37.302	ng #	84
58) Fluorene	10.39	166	652029	40.899	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	168529	38.869	ng	99
60) Diethylphthalate	10.26	149	699402	40.608	ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	337007	41.739	ng	97
62) 4-Nitroaniline	10.42	138	149999	29.301	ng	98
63) Azobenzene	10.53	77	721948	40.753	ng	99
65) 4,6-Dinitro-2-methylphenol	10.46	198	97225	39.261	ng	89
66) n-Nitrosodiphenylamine	10.49	169	587830	41.793	ng	99
67) 4-Bromophenyl-phenylether	10.86	248	201741	40.328	ng	98
68) Hexachlorobenzene	10.94	284	223367	38.614	ng	100
69) Atrazine	11.02	200	175298	37.884	ng	99
70) Pentachlorophenol	11.14	266	148675	52.939	ng	99
71) Phenanthrene	11.35	178	959126	40.148	ng	100
72) Anthracene	11.40	178	986962	40.822	ng	100
73) Carbazole	11.56	167	877089	39.986	ng	100
74) Di-n-butylphthalate	11.87	149	1105776	43.215	ng	99
75) Fluoranthene	12.54	202	991507	39.644	ng	99
77) Benzidine	12.66	184	211593	19.414	ng	98
78) Pyrene	12.77	202	1008267	41.460	ng	100
80) Butylbenzylphthalate	13.37	149	447259	43.478	ng	95
81) Benzo(a)anthracene	13.96	228	811622	39.361	ng	98
82) 3,3'-Dichlorobenzidine	13.91	252	241388	33.696	ng	99
83) Chrysene	13.99	228	803214	40.123	ng	99
84) Bis(2-ethylhexyl)phthalate	13.93	149	623689	46.656	ng	98
85) Di-n-octyl phthalate	14.53	149	971416	45.750	ng	99
86) Indeno(1,2,3-cd)pyrene	16.88	276	669238	39.803	ng	99
88) Benzo(b)fluoranthene	15.00	252	711404	48.603	ng	99
89) Benzo(k)fluoranthene	15.03	252	665876	46.706	ng	98
90) Benzo(a)pyrene	15.36	252	648677	49.576	ng	99
91) Dibenzo(a,h)anthracene	16.88	278	564279	49.822	ng	99
92) Benzo(g,h,i)perylene	17.32	276	559598	50.309	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.01 min

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PB122335BS

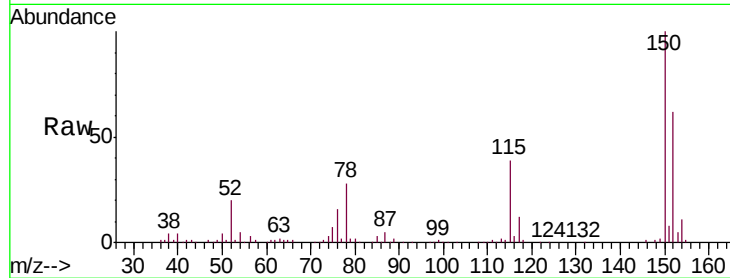
Tgt Ion:152 Resp: 120751

Ion Ratio Lower Upper

152 100

150 160.1 126.2 189.2

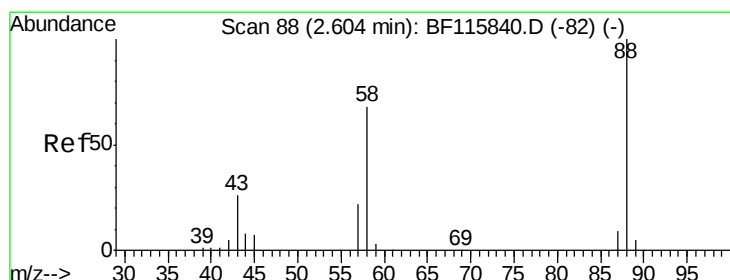
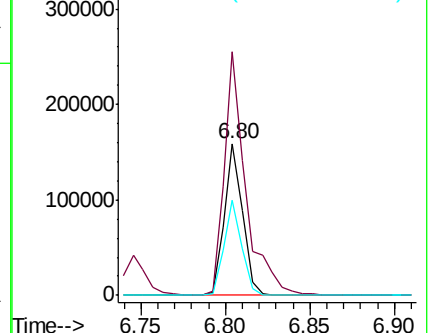
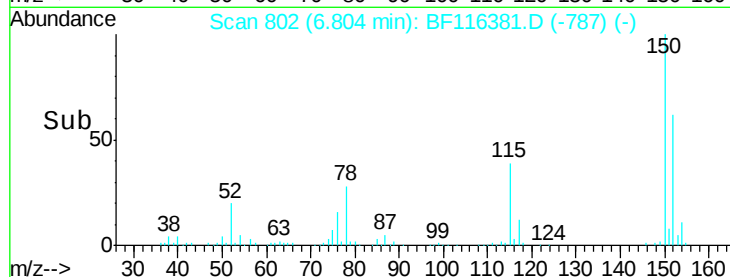
115 63.0 49.9 74.9



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: 36.139 ng

RT: 2.63 min Scan# 92

Delta R.T. 0.08 min

Lab File: BF116381.D

Acq: 19 Aug 2019 10:26

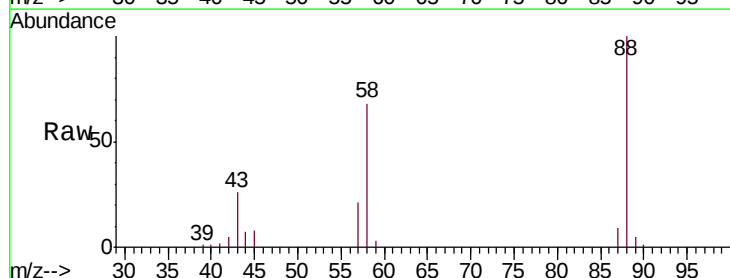
Tgt Ion: 88 Resp: 131689

Ion Ratio Lower Upper

88 100

58 68.1 53.7 80.5

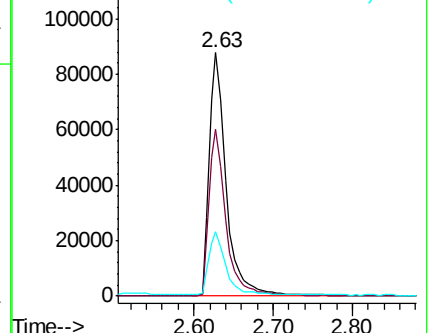
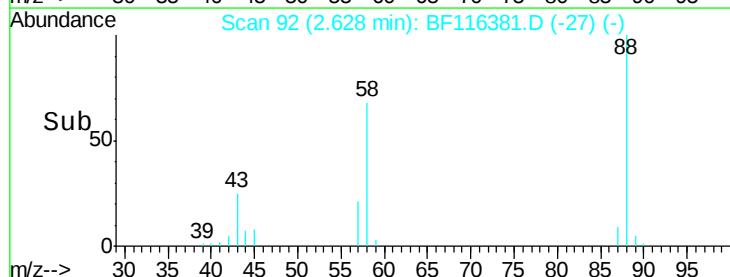
43 25.5 21.0 31.4

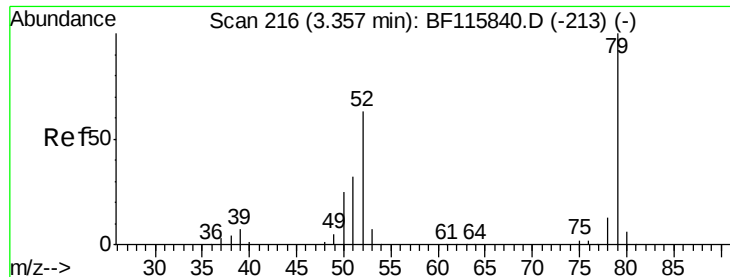


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

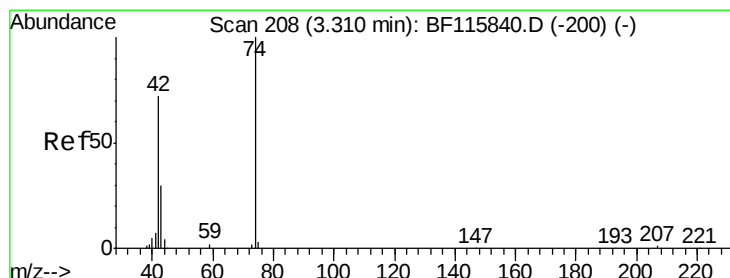
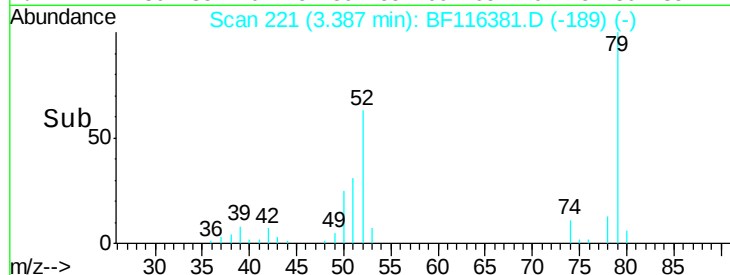
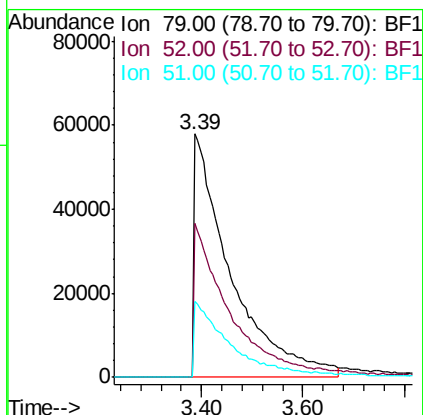
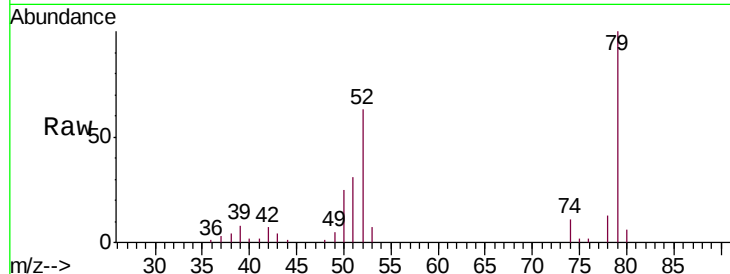




#3
 Pyridine
 Concen: 28.650 ng
 RT: 3.39 min Scan# 221
 Delta R.T. 0.09 min
 Lab File: BF116381.D
 Acq: 19 Aug 2019 10:26

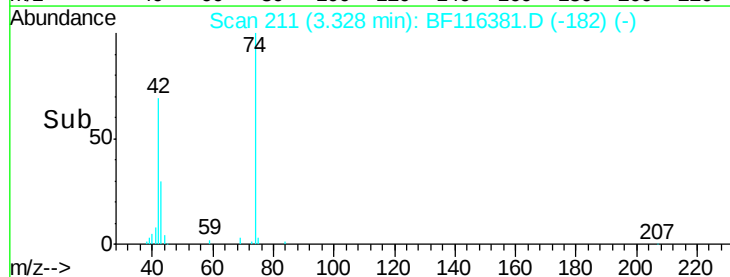
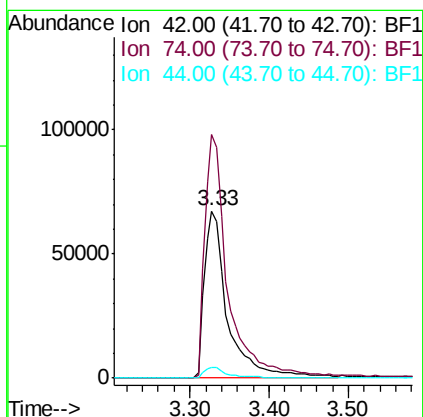
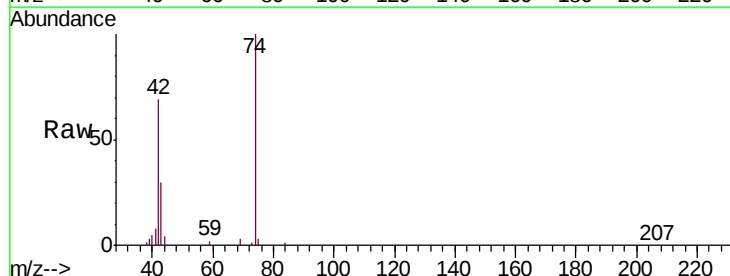
Instrument :
 BNA_F
 ClientSampleId :
 PB122335BS

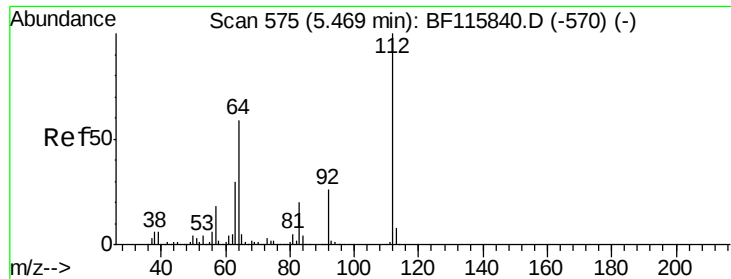
Tgt Ion: 79 Resp: 291634
 Ion Ratio Lower Upper
 79 100
 52 63.1 49.8 74.8
 51 31.1 25.2 37.8



#4
 n-Nitrosodimethylamine
 Concen: 34.442 ng
 RT: 3.33 min Scan# 211
 Delta R.T. 0.07 min
 Lab File: BF116381.D
 Acq: 19 Aug 2019 10:26

Tgt Ion: 42 Resp: 138355
 Ion Ratio Lower Upper
 42 100
 74 145.6 116.0 174.0
 44 6.4 4.6 7.0





#5

2-Fluorophenol

Concen: 110.218 ng

RT: 5.45 min Scan# 571

Delta R.T. 0.01 min

Lab File: BF116381.D

Acq: 19 Aug 2019 10:26

Instrument :

BNA_F

ClientSampleId :

PB122335BS

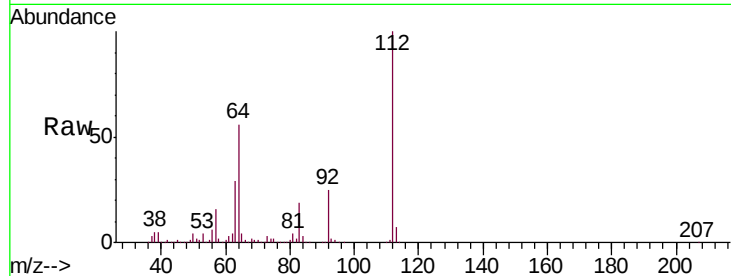
Tgt Ion: 112 Resp: 795006

Ion Ratio Lower Upper

112 100

64 55.9 45.4 68.2

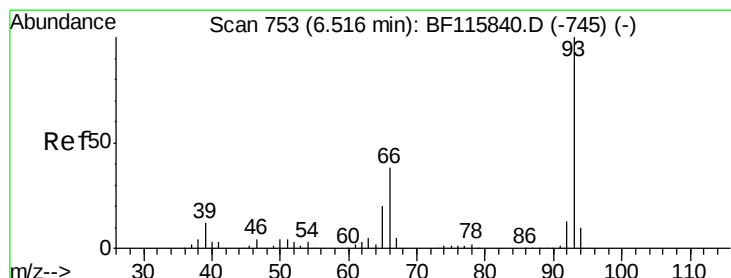
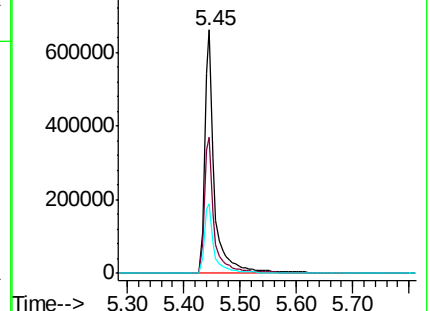
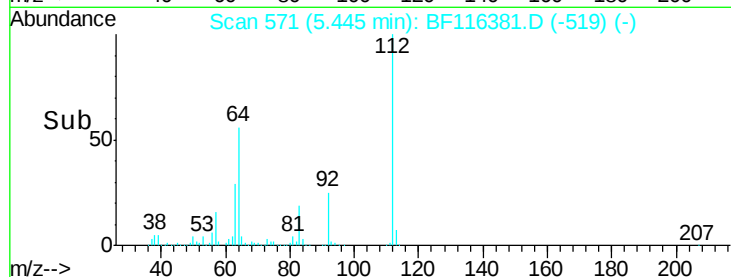
63 28.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 26.165 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116381.D

Acq: 19 Aug 2019 10:26

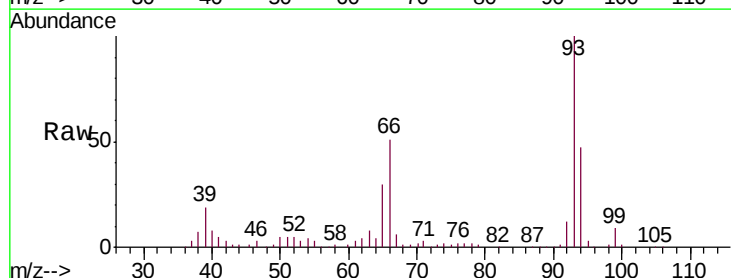
Tgt Ion: 93 Resp: 341014

Ion Ratio Lower Upper

93 100

66 50.8 32.2 48.4#

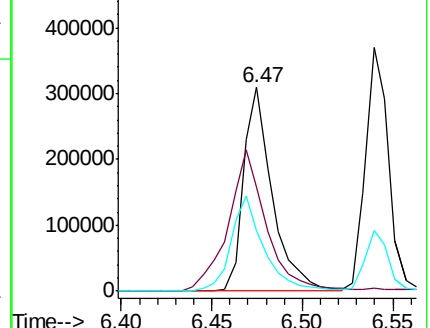
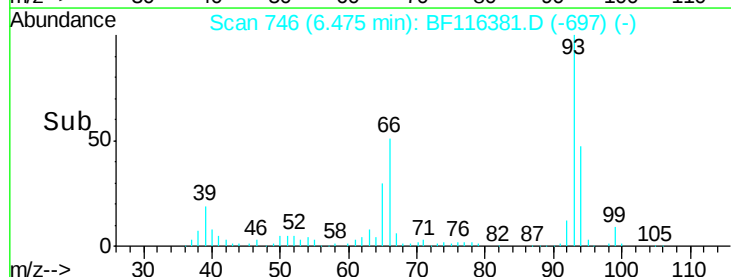
65 29.7 17.0 25.6#

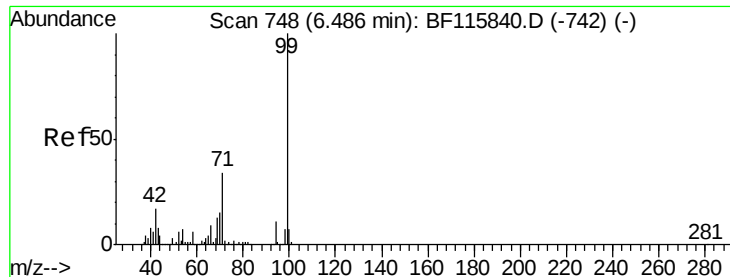


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 105.757 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF116381.D

Acq: 19 Aug 2019 10:26

Instrument :

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ClientSampled :

PB122335BS

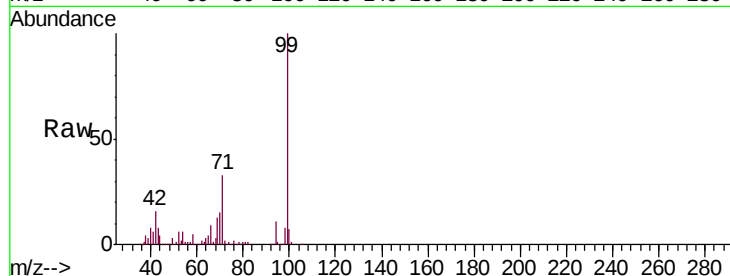
Tgt Ion: 99 Resp: 962450

Ion Ratio Lower Upper

99 100

42 16.2 13.8 20.8

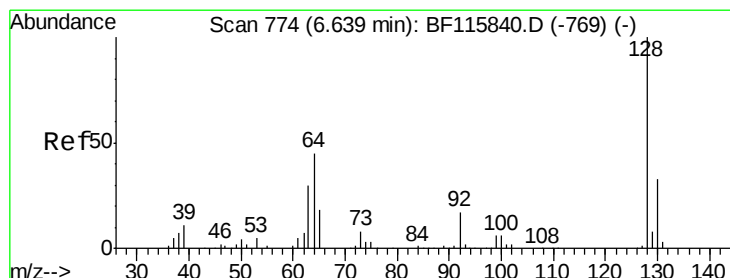
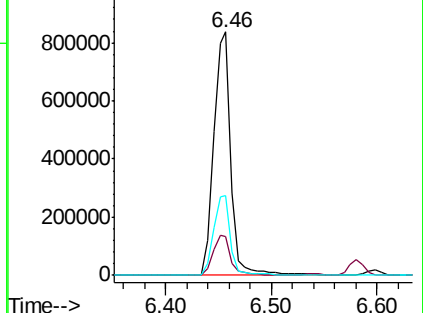
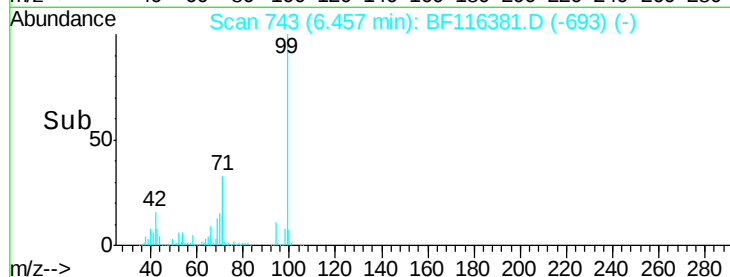
71 32.8 27.3 40.9



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: 41.867 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF116381.D

Acq: 19 Aug 2019 10:26

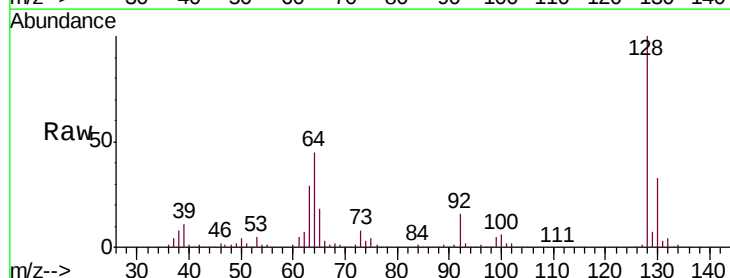
Tgt Ion: 128 Resp: 333941

Ion Ratio Lower Upper

128 100

130 32.8 12.9 52.9

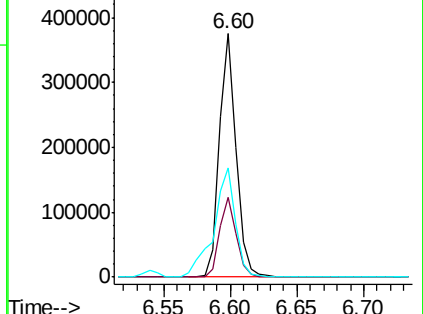
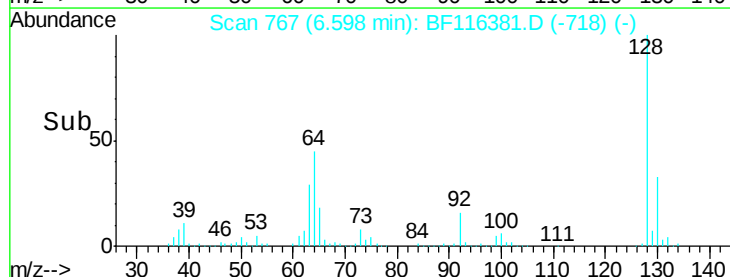
64 44.9 24.3 64.3



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: 12.936 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF116381.D

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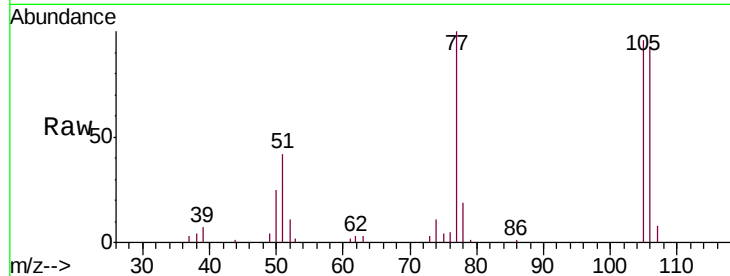
Tgt Ion: 77 Resp: 81231

Ion Ratio Lower Upper

77 100

105 96.4 79.2 119.2

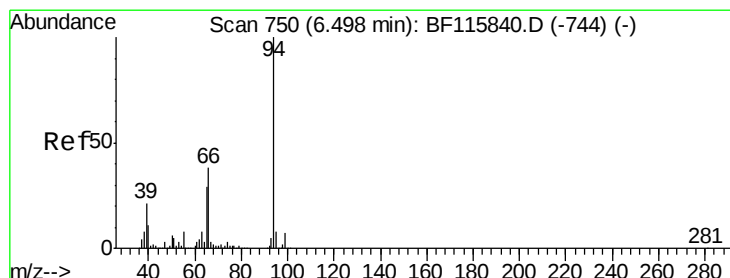
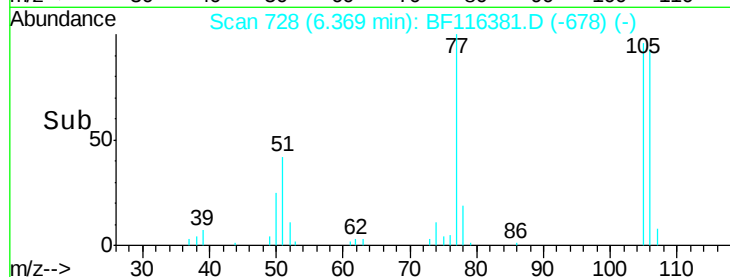
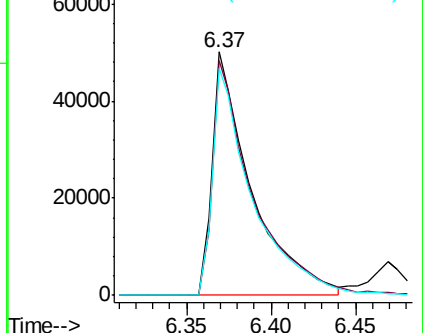
106 93.4 74.3 114.3



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: 38.989 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF116381.D

Acq: 19 Aug 2019 10:26

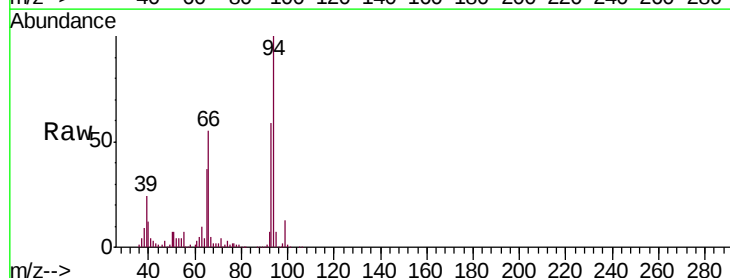
Tgt Ion: 94 Resp: 417834

Ion Ratio Lower Upper

94 100

65 37.2 16.8 56.8

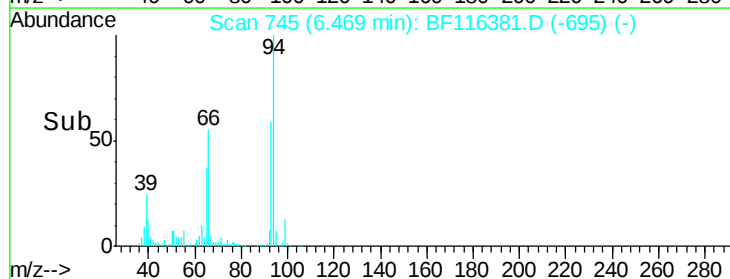
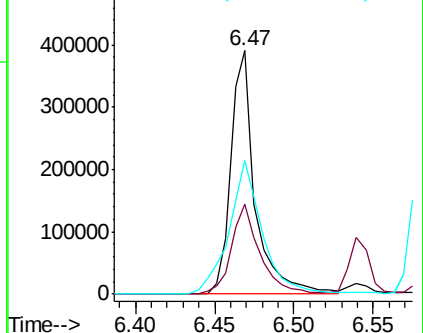
66 55.0 34.2 74.2



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

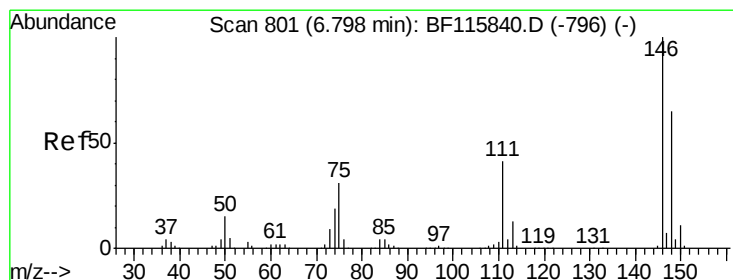
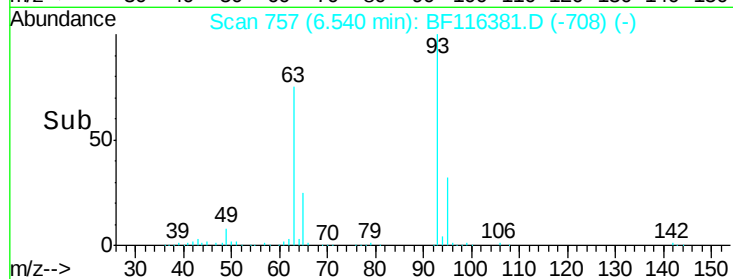
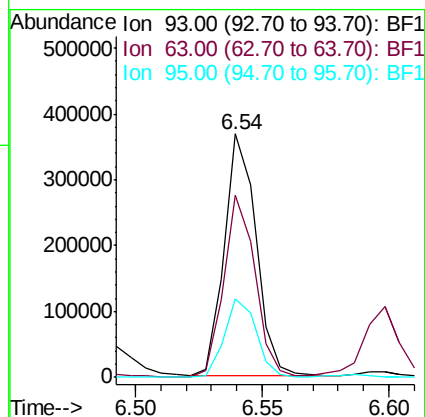
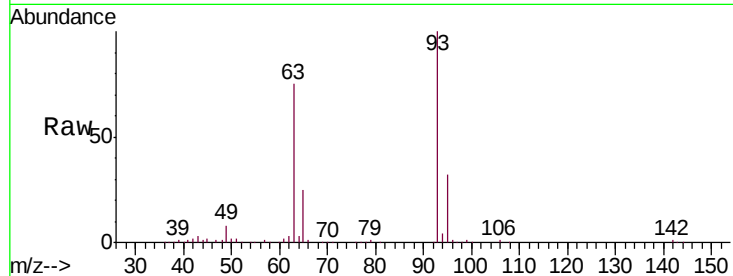




#11
 bis(2-Chloroethyl)ether
 Concen: 40.646 ng
 RT: 6.54 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: BF116381.D
 Acq: 19 Aug 2019 10:26

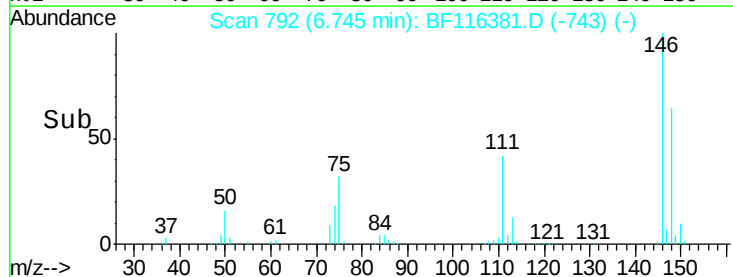
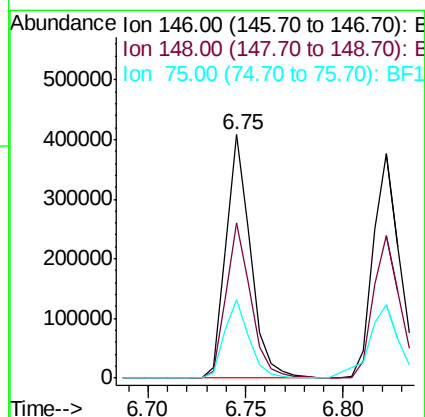
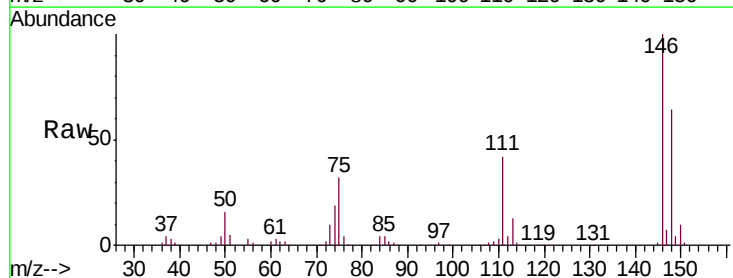
Instrument :
 BNA_F
 ClientSampleId :
 PB122335BS

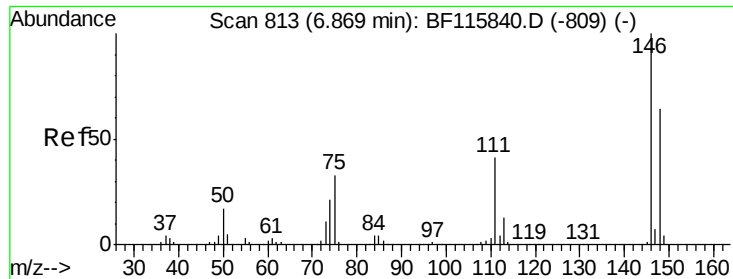
Tgt Ion: 93 Resp: 320255
 Ion Ratio Lower Upper
 93 100
 63 75.0 51.9 91.9
 95 32.0 13.0 53.0



#12
 1,3-Dichlorobenzene
 Concen: 38.740 ng
 RT: 6.75 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF116381.D
 Acq: 19 Aug 2019 10:26

Tgt Ion: 146 Resp: 357105
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.3 76.9
 75 32.5 27.4 41.2

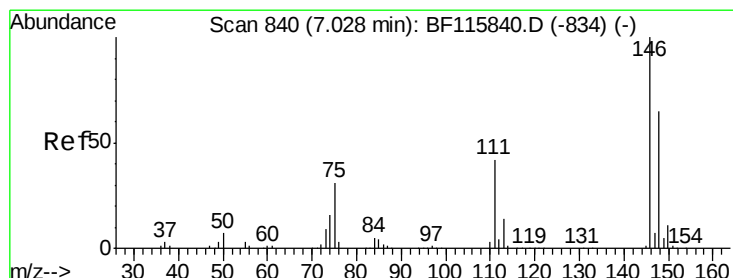
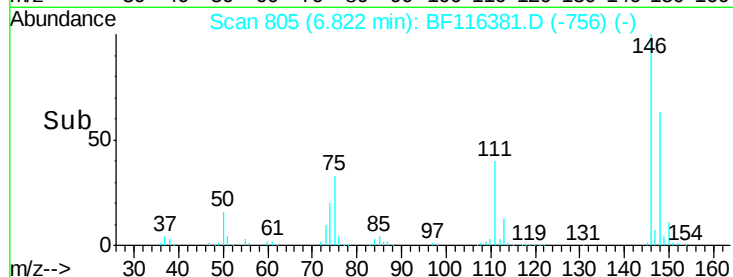
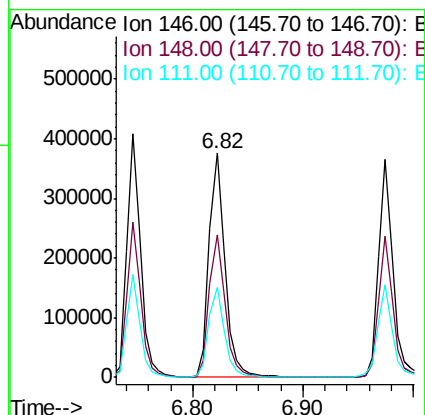
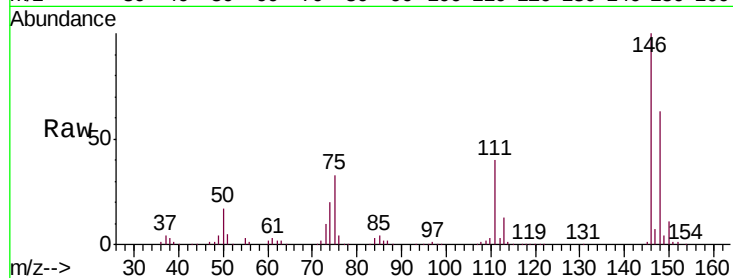




#13
 1,4-Dichlorobenzene
 Concen: 39.664 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF116381.D
 Acq: 19 Aug 2019 10:26

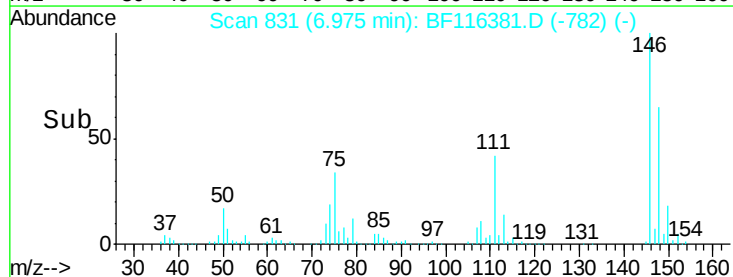
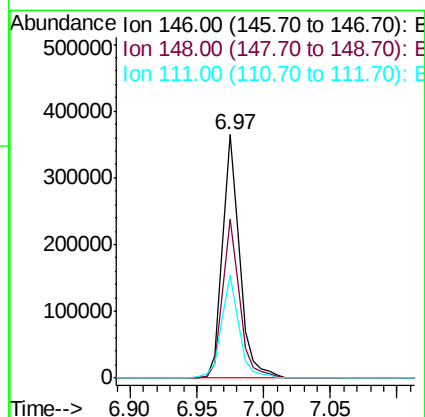
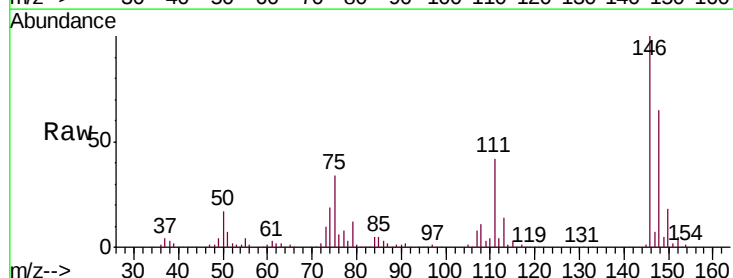
Instrument :
 BNA_F
 ClientSampleId :
 PB122335BS

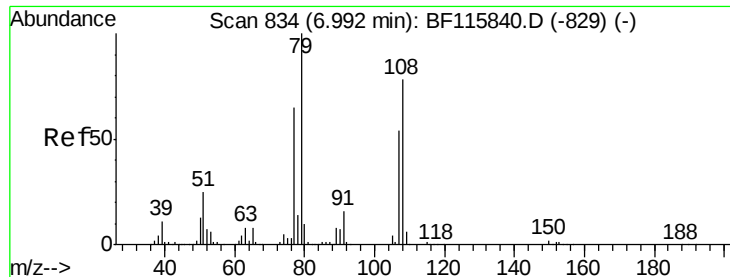
Tgt Ion:146 Resp: 366084
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.3 76.9
 111 40.2 34.0 51.0



#14
 1,2-Dichlorobenzene
 Concen: 39.551 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BF116381.D
 Acq: 19 Aug 2019 10:26

Tgt Ion:146 Resp: 336128
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.2 76.8
 111 42.4 33.5 50.3





#15

Benzyl Alcohol

Concen: 38.956 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF116381.D

Acq: 19 Aug 2019 10:26

Instrument :

BNA_F

ClientSampleId :

PB122335BS

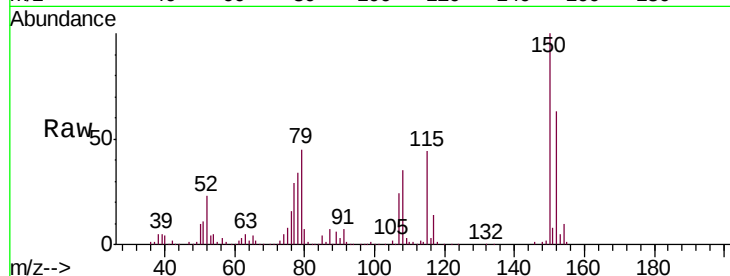
Tgt Ion: 79 Resp: 269041

Ion Ratio Lower Upper

79 100

108 78.1 62.7 94.1

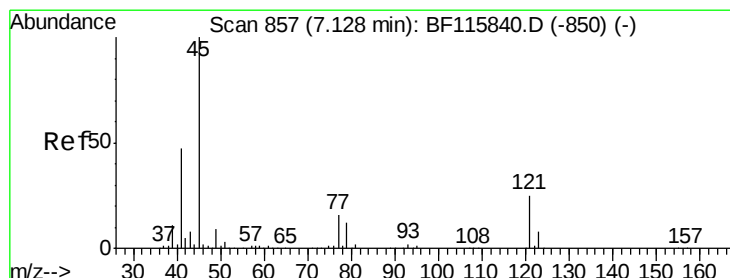
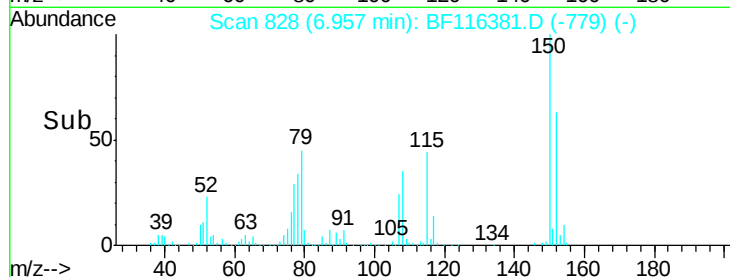
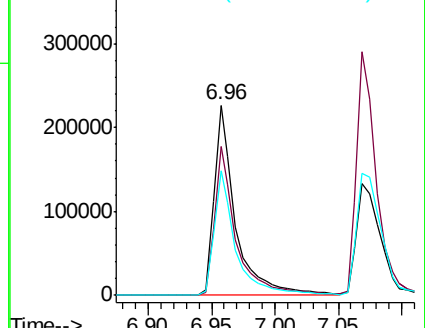
77 65.5 52.2 78.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.071 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF116381.D

Acq: 19 Aug 2019 10:26

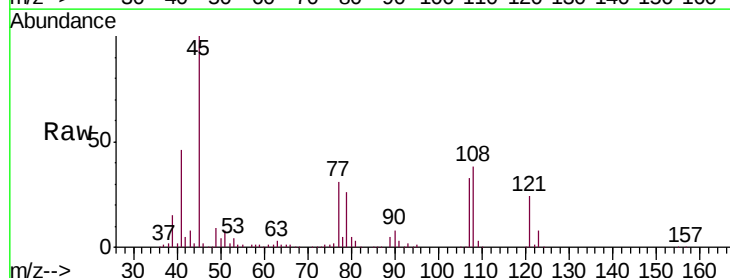
Tgt Ion: 45 Resp: 419902

Ion Ratio Lower Upper

45 100

77 30.7 0.0 40.0

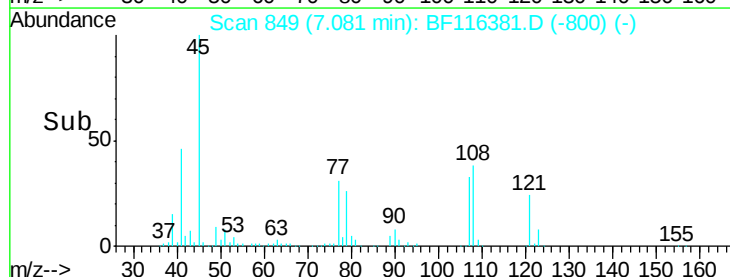
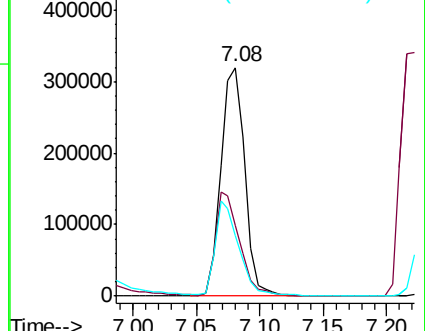
79 26.3 0.0 35.9

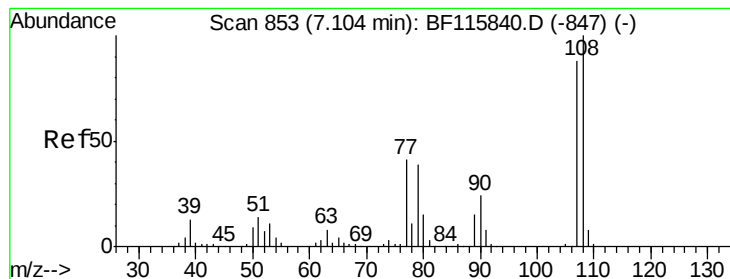


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 40.888 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.01 min

Lab File: BF116381.D

Acq: 19 Aug 2019 10:26

Instrument :

BNA_F

ClientSampleId :

PB122335BS

Tgt Ion:107 Resp: 276151

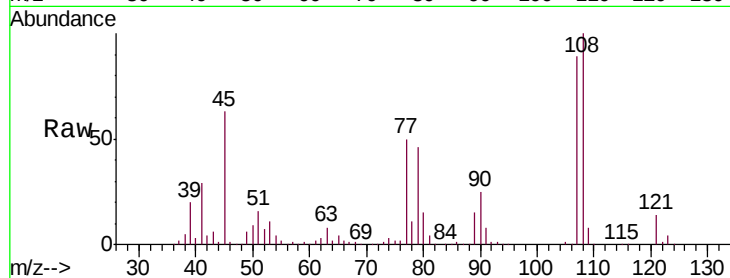
Ion Ratio Lower Upper

107 100

108 112.6 91.2 136.8

77 56.6 40.3 60.5

79 51.9 37.6 56.4

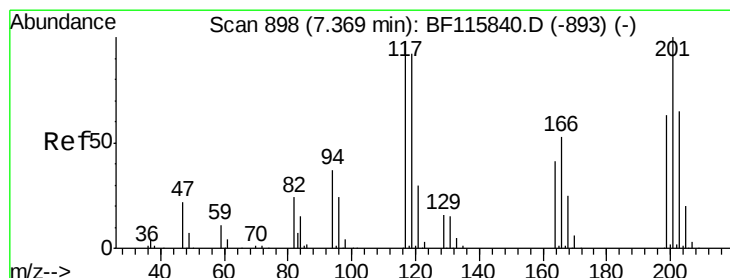
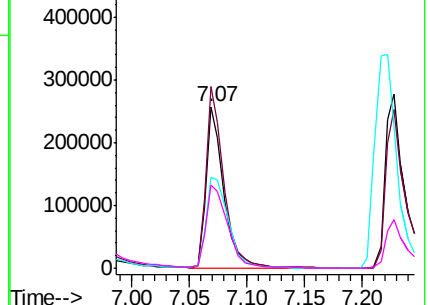
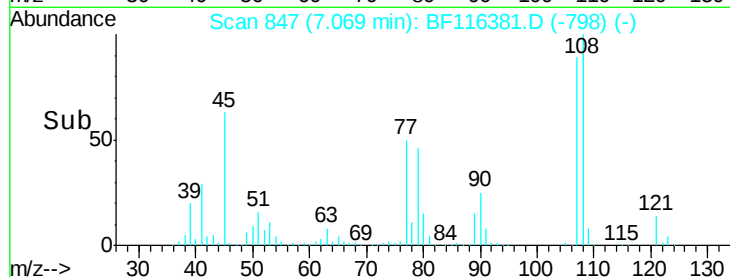


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 38.886 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.02 min

Lab File: BF116381.D

Acq: 19 Aug 2019 10:26

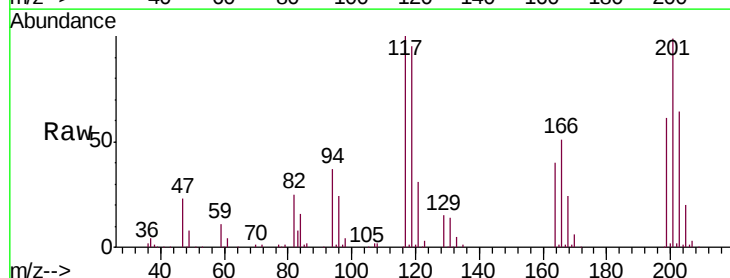
Tgt Ion:117 Resp: 132142

Ion Ratio Lower Upper

117 100

119 95.1 76.1 114.1

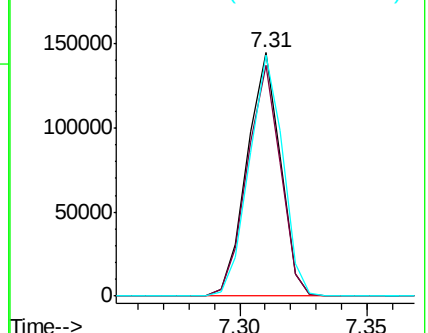
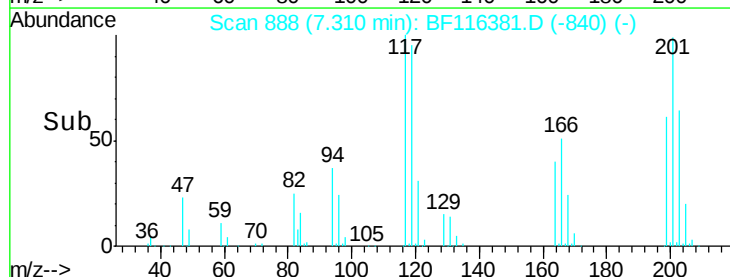
201 98.9 77.0 115.4

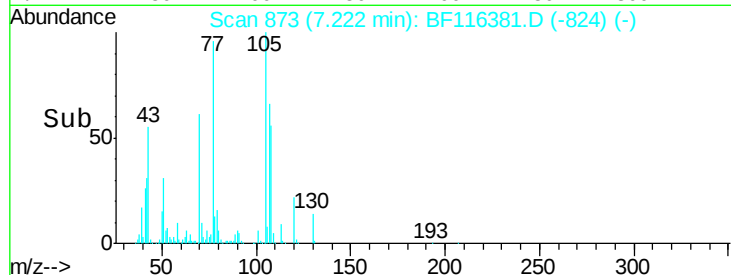
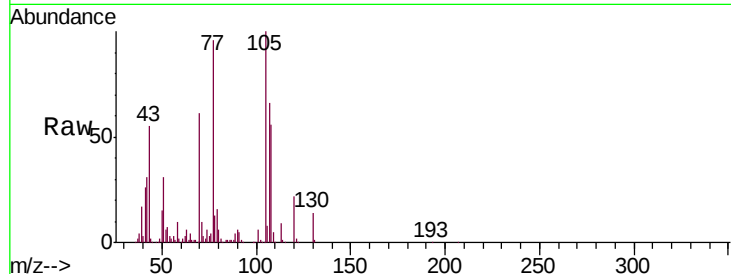


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

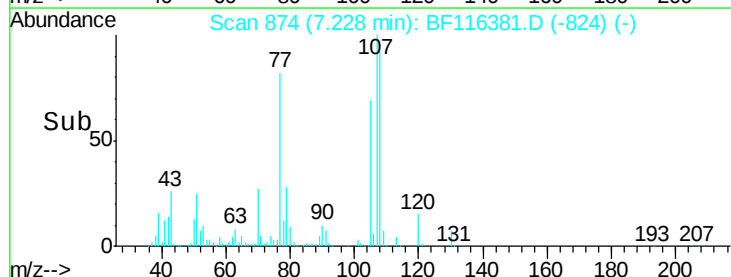
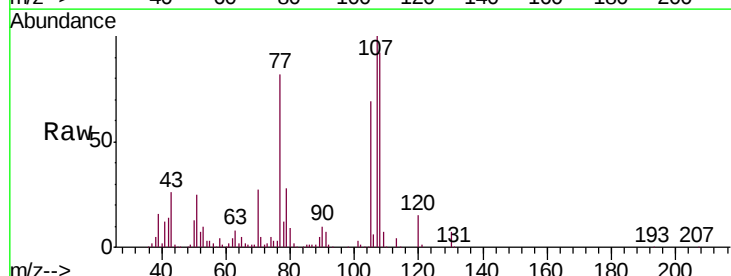
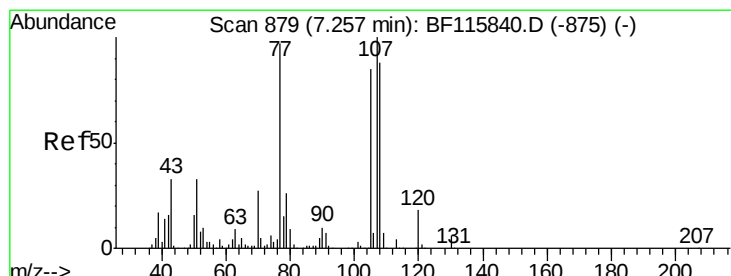
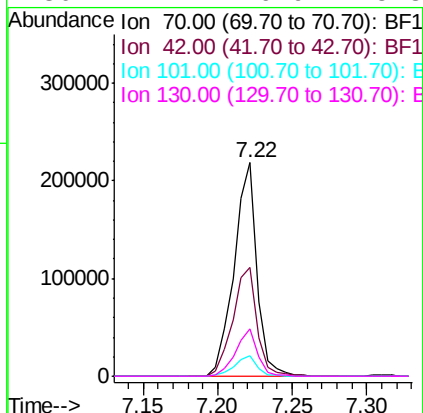




#19
n-Nitroso-di-n-propylamine
Concen: 41.720 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF116381.D
Acq: 19 Aug 2019 10:26

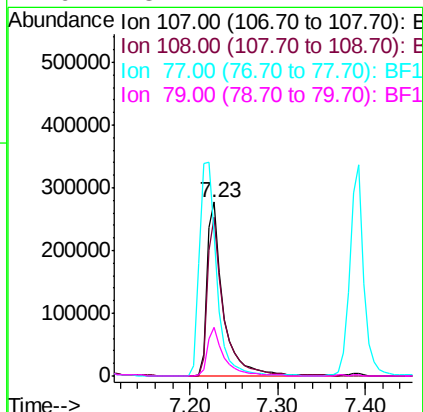
Instrument :
BNA_F
ClientSampleId :
PB122335BS

Tgt Ion:	70	Resp:	235278
Ion	Ratio	Lower	Upper
70	100		
42	51.2	40.9	61.3
101	9.7	7.9	11.9
130	22.4	16.9	25.3



#20
3+4-Methylphenols
Concen: 44.072 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF116381.D
Acq: 19 Aug 2019 10:26

Tgt Ion:	107	Resp:	352240
Ion	Ratio	Lower	Upper
107	100		
108	91.5	67.6	107.6
77	81.9	104.4	144.4#
79	28.2	7.4	47.4

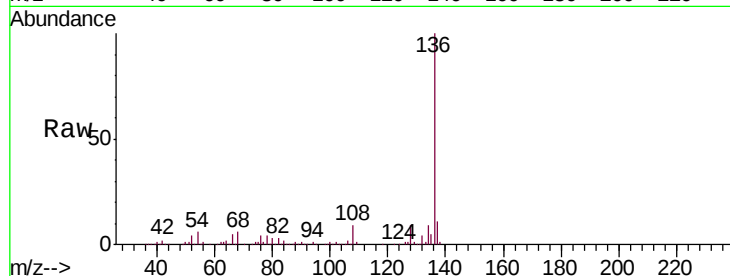




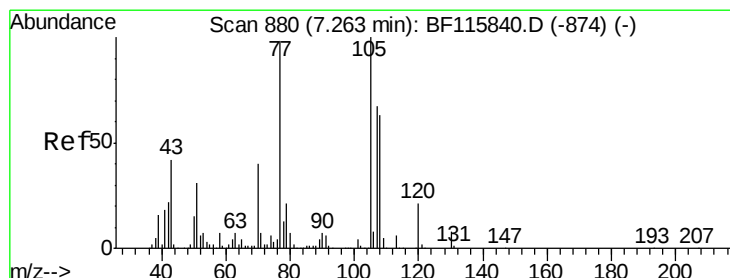
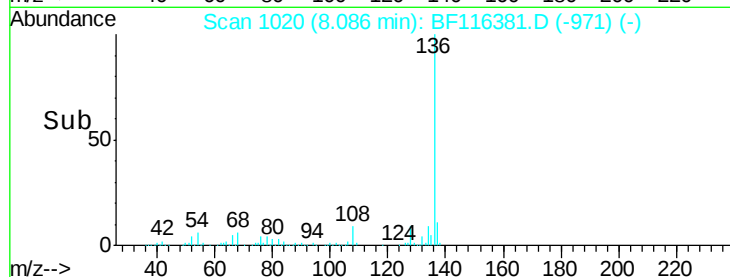
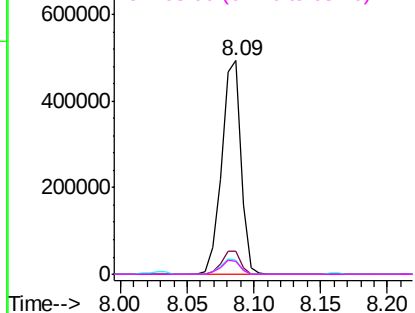
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF116381.D
Acq: 19 Aug 2019 10:26

Instrument :
BNA_F
ClientSampleId :
PB122335BS

Tgt Ion:	136	Resp:	506292
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.4	5.8	8.6
68	5.8	5.2	7.8

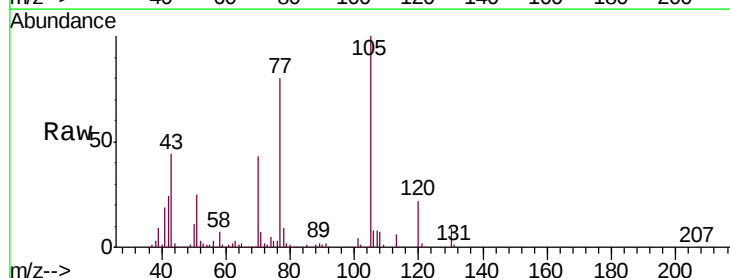


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

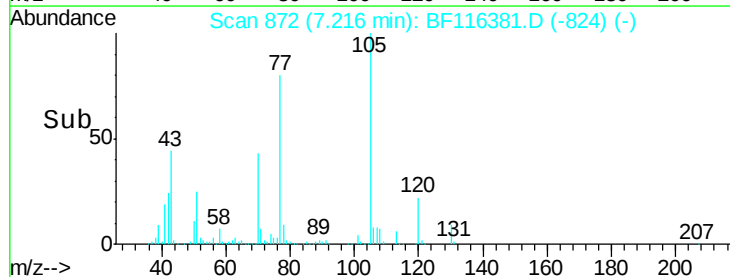
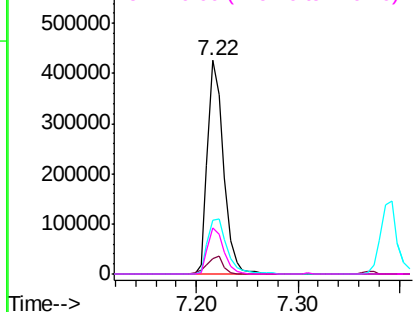


#22
Acetophenone
Concen: 42.125 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF116381.D
Acq: 19 Aug 2019 10:26

Tgt Ion:	105	Resp:	467739
Ion	Ratio	Lower	Upper
105	100		
71	7.1	5.9	8.9
51	25.1	25.3	37.9#
120	21.6	17.9	26.9



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

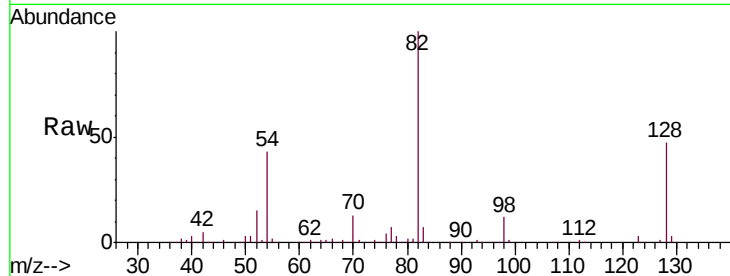




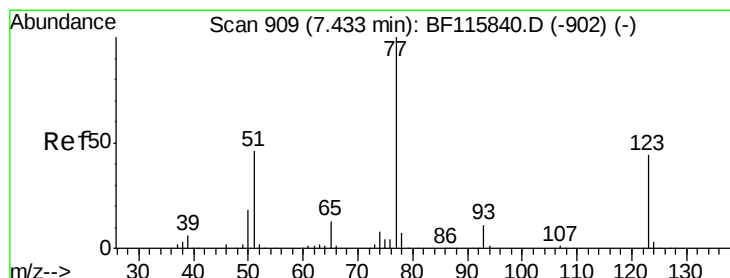
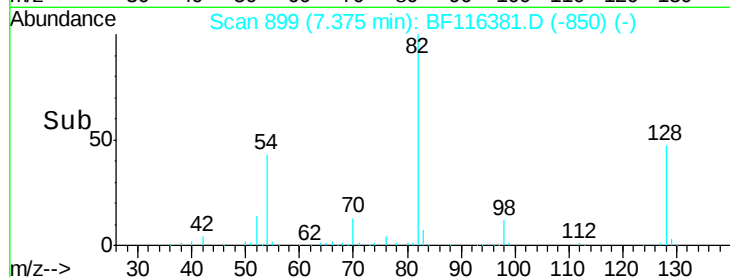
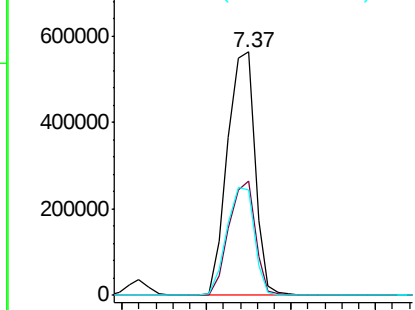
#23
 Nitrobenzene-d5
 Concen: 73.011 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF116381.D
 Acq: 19 Aug 2019 10:26

Instrument :
 BNA_F
 ClientSampleId :
 PB122335BS

Tgt Ion: 82 Resp: 640384
 Ion Ratio Lower Upper
 82 100
 128 47.0 36.5 54.7
 54 43.1 36.0 54.0

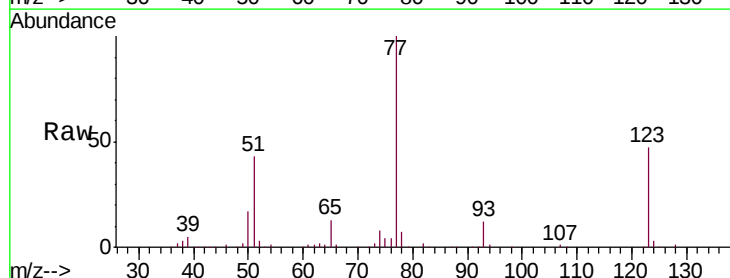


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

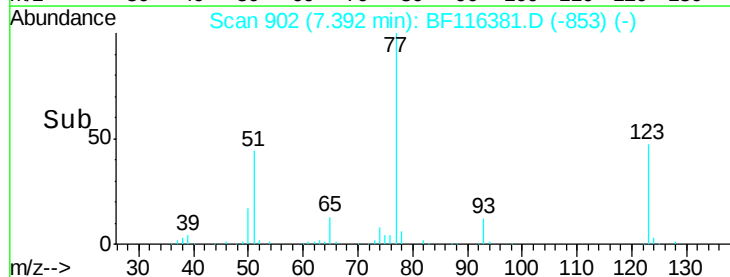
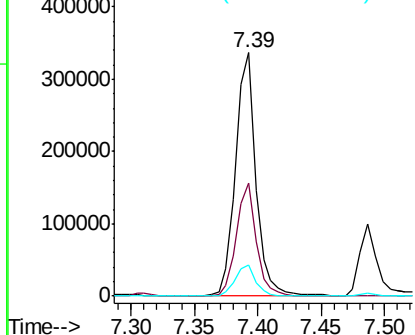


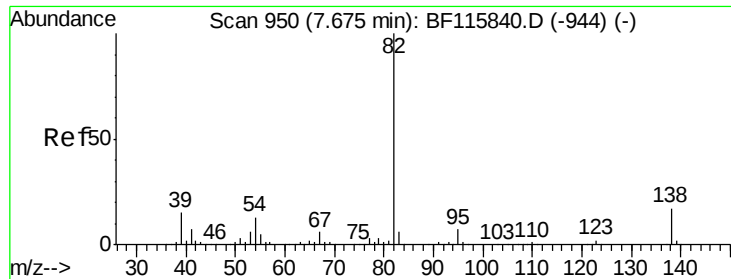
#24
 Nitrobenzene
 Concen: 39.194 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF116381.D
 Acq: 19 Aug 2019 10:26

Tgt Ion: 77 Resp: 371199
 Ion Ratio Lower Upper
 77 100
 123 46.6 36.7 55.1
 65 12.9 10.6 16.0



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





#25

Isophorone

Concen: 40.326 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF116381.D

Acq: 19 Aug 2019 10:26

Instrument :

BNA_F

ClientSampleId :

PB122335BS

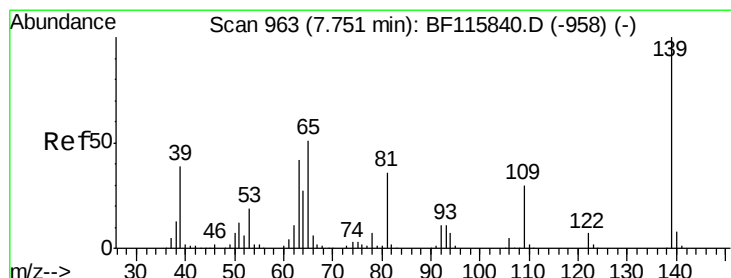
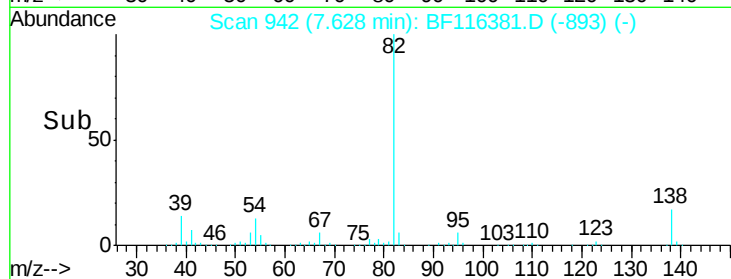
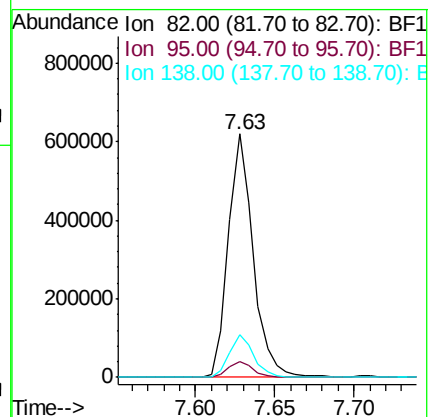
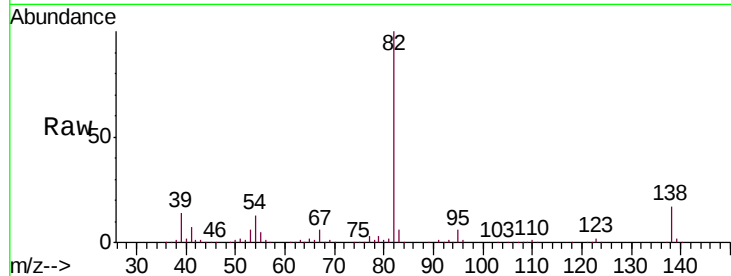
Tgt Ion: 82 Resp: 676331

Ion Ratio Lower Upper

82 100

95 6.5 5.4 8.0

138 17.4 14.5 21.7



#26

2-Nitrophenol

Concen: 41.124 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF116381.D

Acq: 19 Aug 2019 10:26

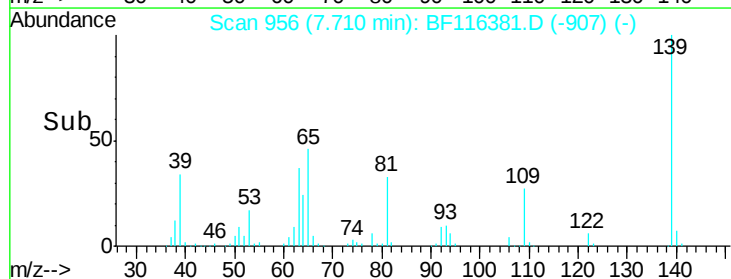
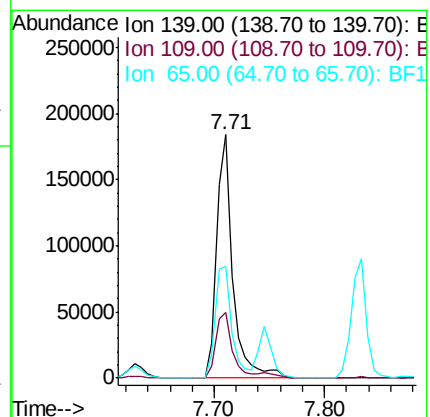
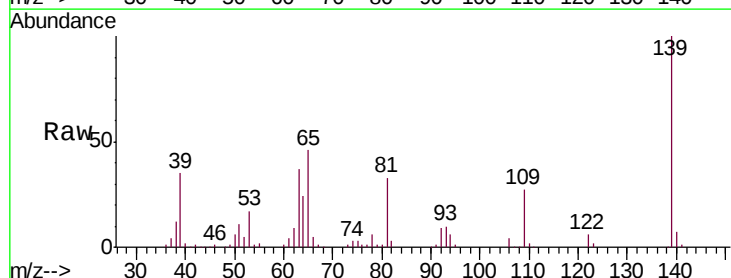
Tgt Ion: 139 Resp: 183592

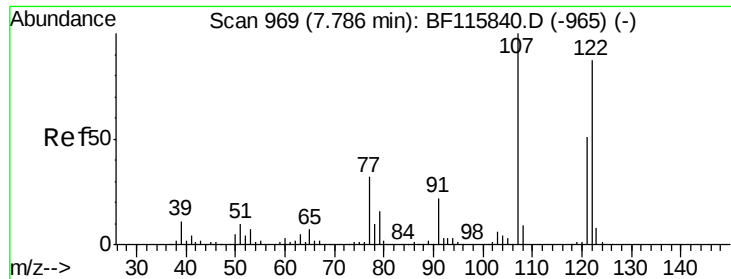
Ion Ratio Lower Upper

139 100

109 27.1 23.4 35.2

65 46.1 41.1 61.7

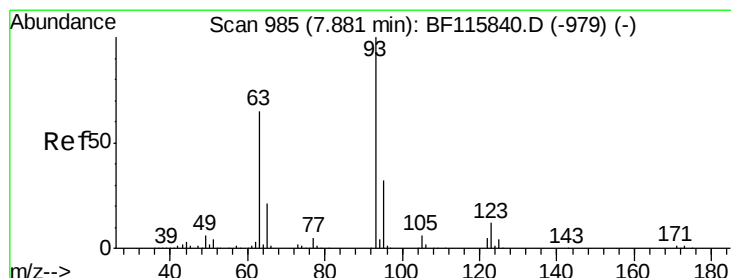
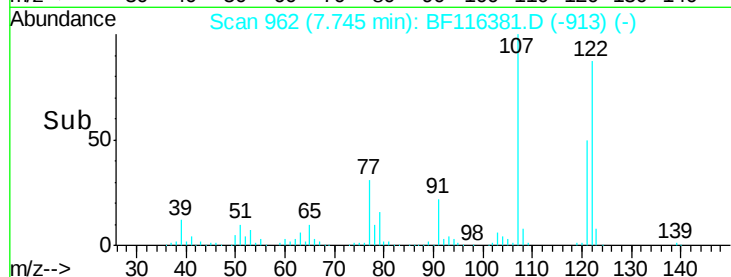
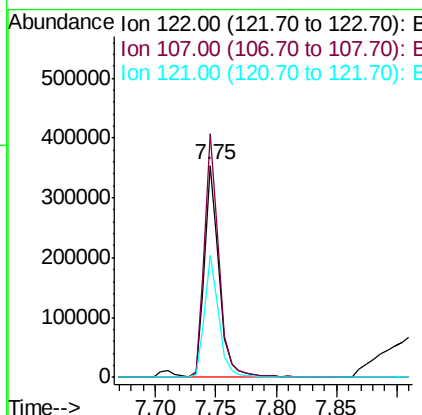
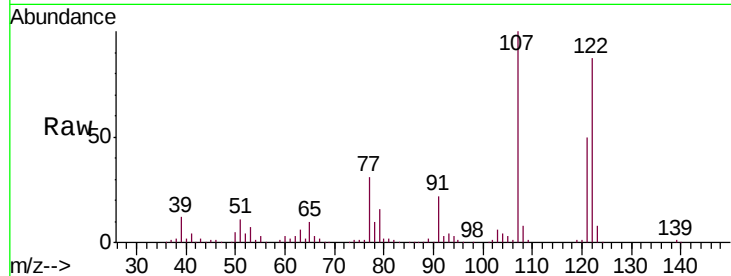




#27
2,4-Dimethylphenol
Concen: 44.339 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF116381.D
Acq: 19 Aug 2019 10:26

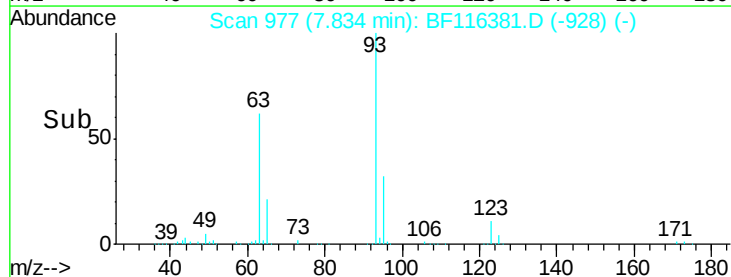
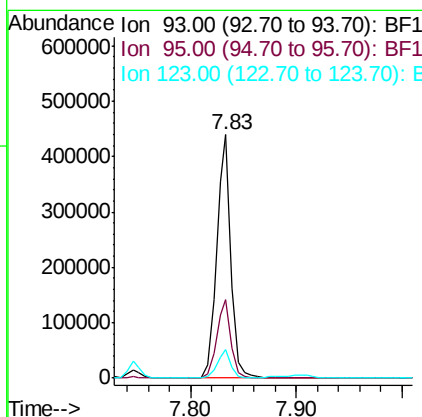
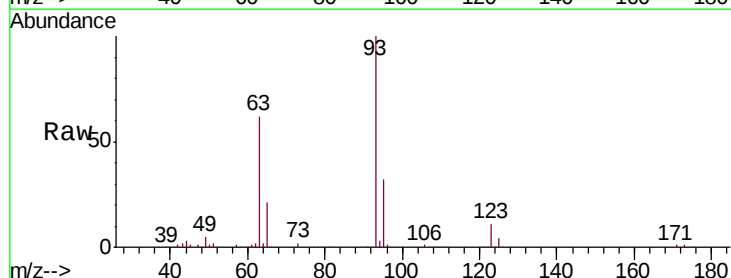
Instrument :
BNA_F
ClientSampleId :
PB122335BS

Tgt Ion:122 Resp: 297803
Ion Ratio Lower Upper
122 100
107 115.0 93.0 139.6
121 57.6 47.6 71.4



#28
bis(2-Chloroethoxy)methane
Concen: 40.173 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BF116381.D
Acq: 19 Aug 2019 10:26

Tgt Ion: 93 Resp: 417611
Ion Ratio Lower Upper
93 100
95 32.3 26.2 39.4
123 11.5 9.2 13.8

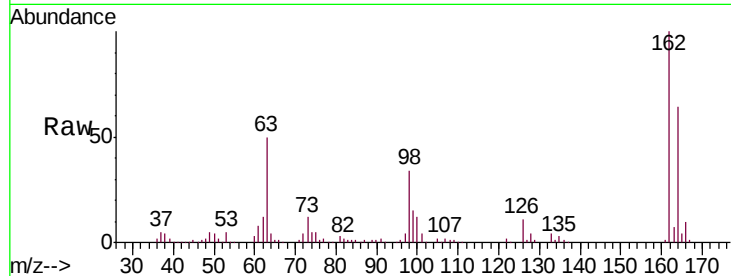




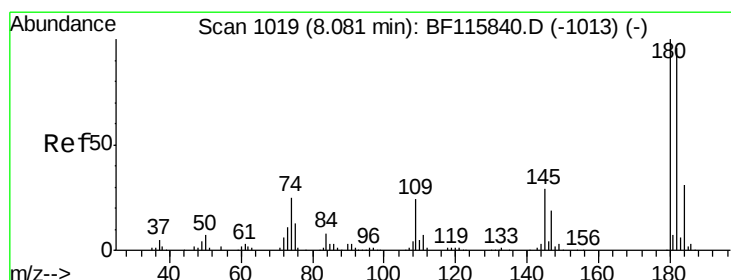
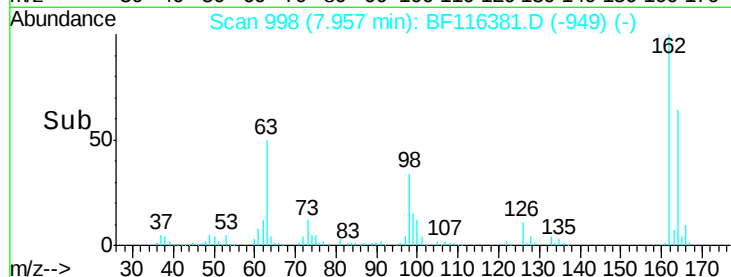
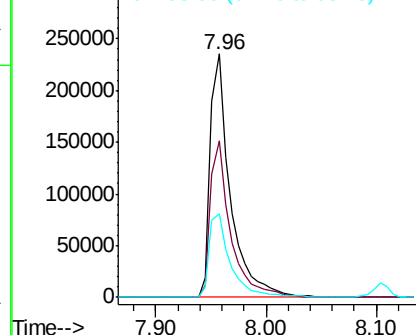
#29
 2,4-Dichlorophenol
 Concen: 40.927 ng
 RT: 7.96 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: BF116381.D
 Acq: 19 Aug 2019 10:26

Instrument :
 BNA_F
 ClientSampleId :
 PB122335BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.5	45.1	85.1
98	34.3	15.8	55.8

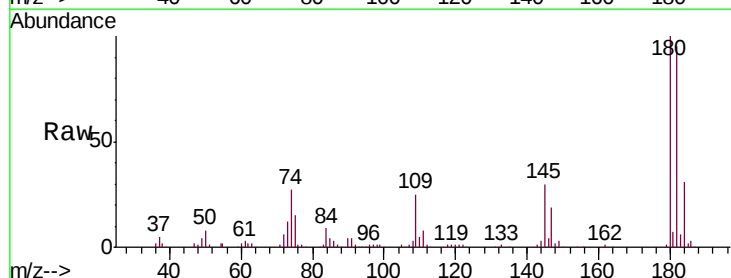


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

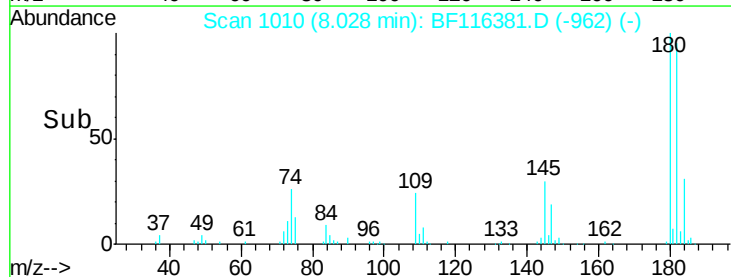
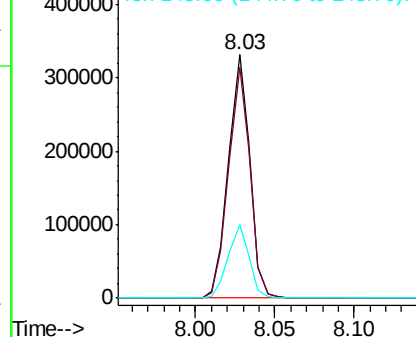


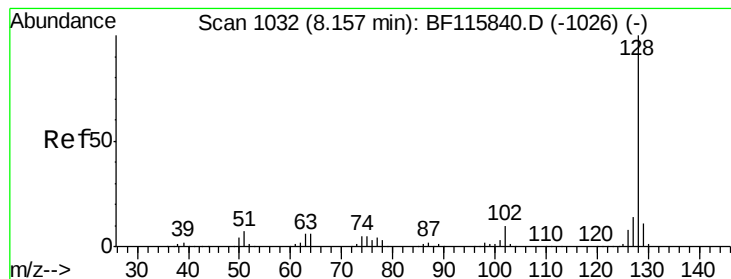
#30
 1,2,4-Trichlorobenzene
 Concen: 38.335 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. -0.02 min
 Lab File: BF116381.D
 Acq: 19 Aug 2019 10:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	75.7	113.5
145	30.1	24.3	36.5



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: 41.078 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BF116381.D

Acq: 19 Aug 2019 10:26

Instrument :

BNA_F

ClientSampleId :

PB122335BS

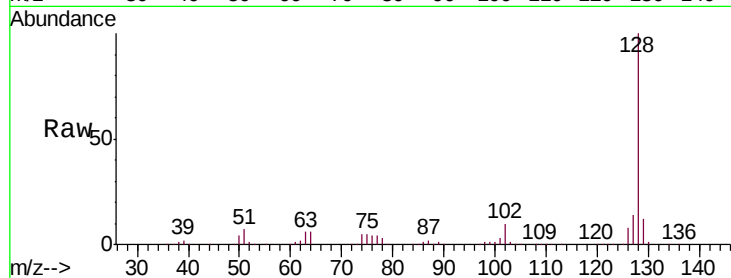
Tgt Ion:128 Resp: 978673

Ion Ratio Lower Upper

128 100

129 11.6 9.3 13.9

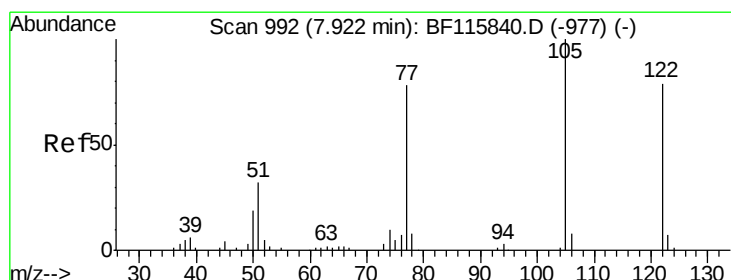
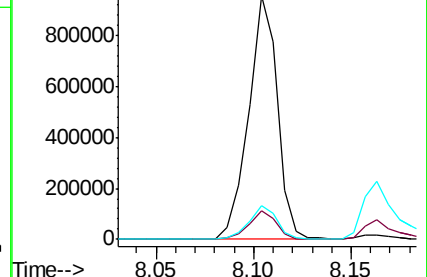
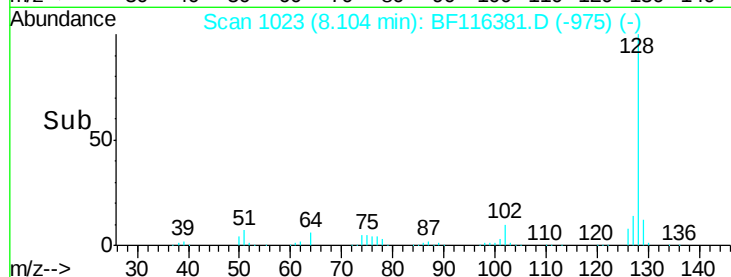
127 13.6 11.4 17.0



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: 32.857 ng

RT: 7.91 min Scan# 990

Delta R.T. 0.00 min

Lab File: BF116381.D

Acq: 19 Aug 2019 10:26

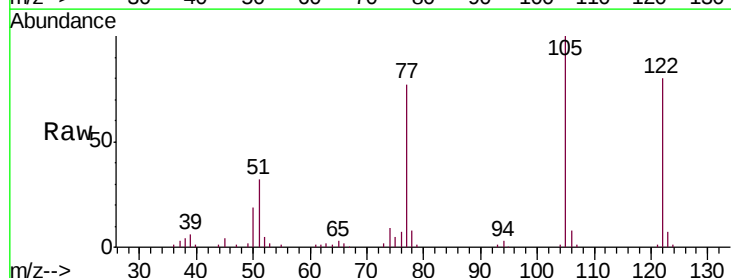
Tgt Ion:122 Resp: 155591

Ion Ratio Lower Upper

122 100

105 125.5 106.1 146.1

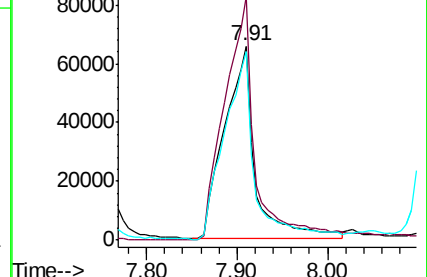
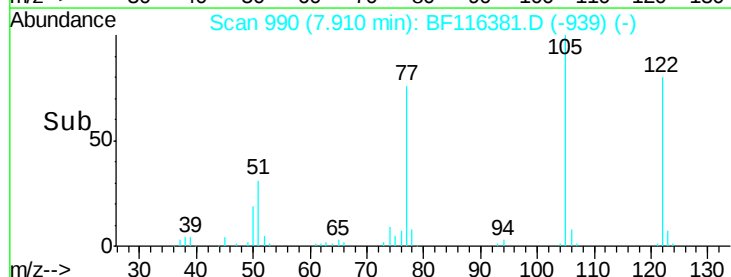
77 97.0 76.7 116.7



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

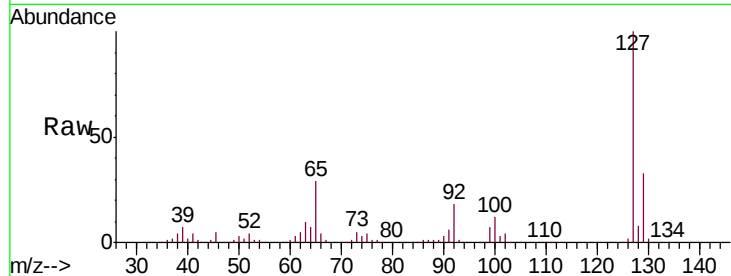




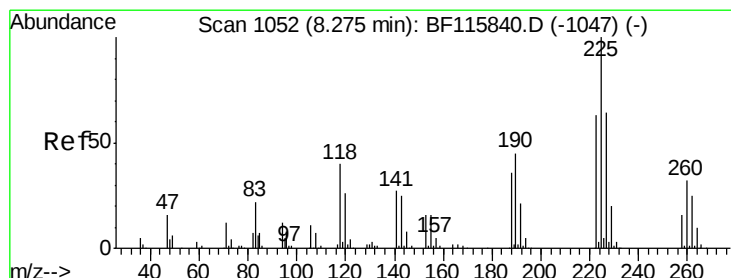
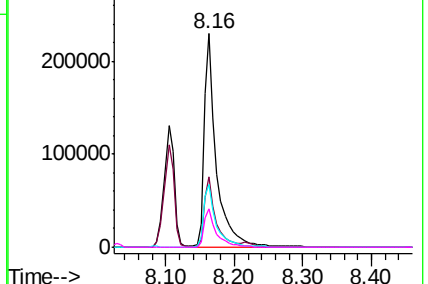
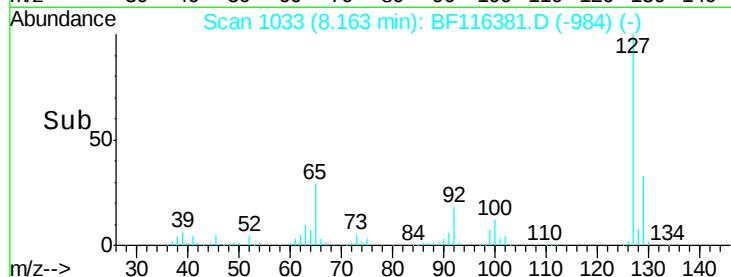
#33
4-Chloroaniline
Concen: 27.120 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF116381.D
Acq: 19 Aug 2019 10:26

Instrument :
BNA_F
ClientSampleId :
PB122335BS

Tgt Ion:	127	Resp:	288701
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.1	39.1
65	29.4	24.9	37.3
92	18.2	15.7	23.5

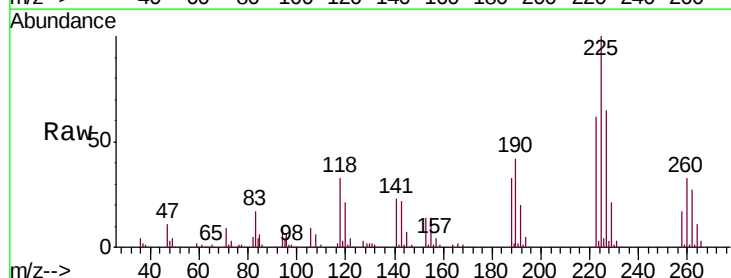


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

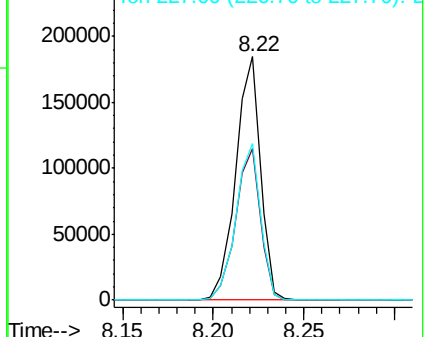
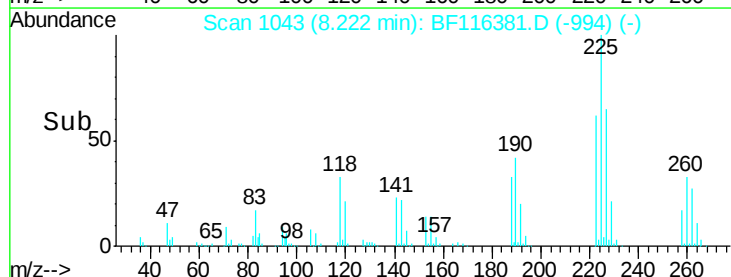


#34
Hexachlorobutadiene
Concen: 37.632 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF116381.D
Acq: 19 Aug 2019 10:26

Tgt Ion:	225	Resp:	175227
Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.0	75.0
227	64.6	51.0	76.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 20.880 ng

RT: 8.53 min Scan# 1096

Delta R.T. -0.01 min

Lab File: BF116381.D

Acq: 19 Aug 2019 10:26

Instrument :

BNA_F

ClientSampleId :

PB122335BS

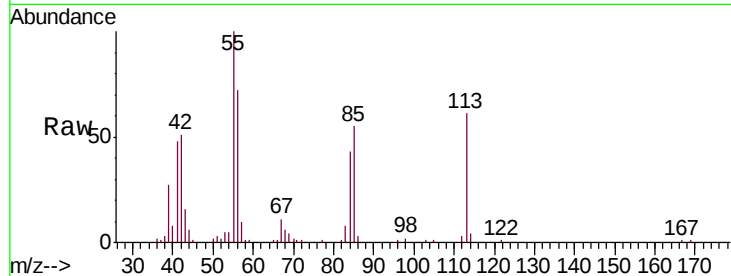
Tgt Ion:113 Resp: 47891

Ion Ratio Lower Upper

113 100

55 165.0 144.3 184.3

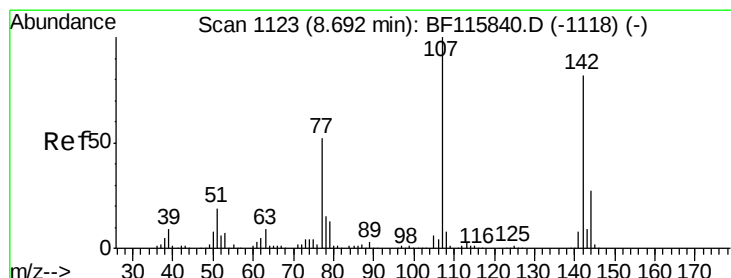
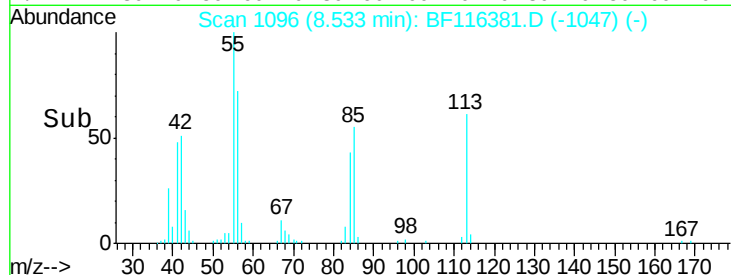
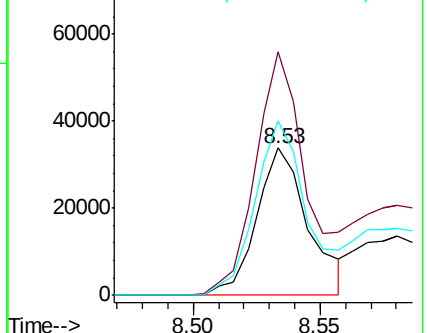
56 118.5 97.1 137.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 40.766 ng

RT: 8.66 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BF116381.D

Acq: 19 Aug 2019 10:26

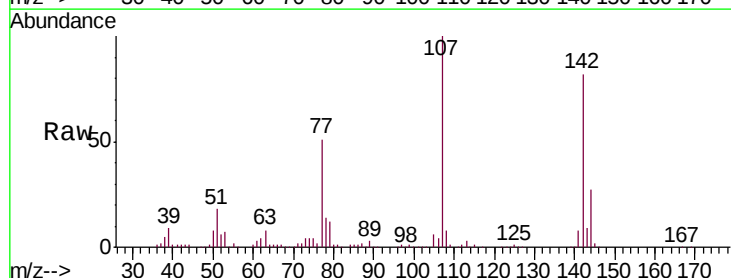
Tgt Ion:107 Resp: 300757

Ion Ratio Lower Upper

107 100

144 26.6 20.2 30.2

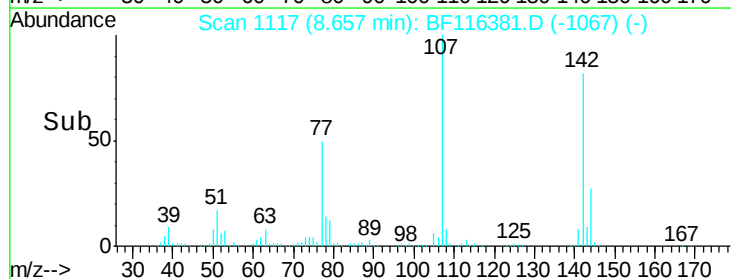
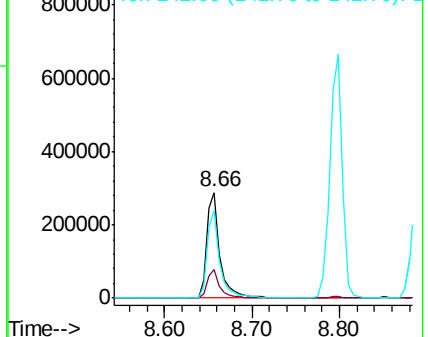
142 82.3 61.7 92.5

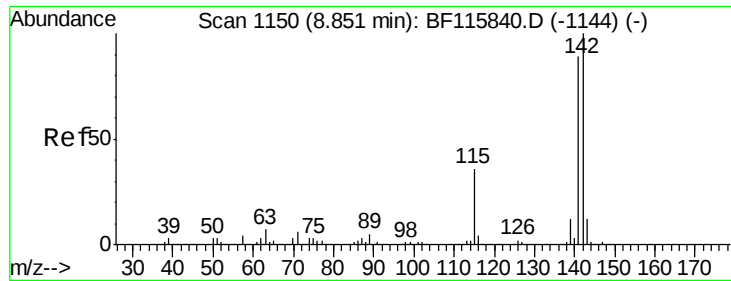


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

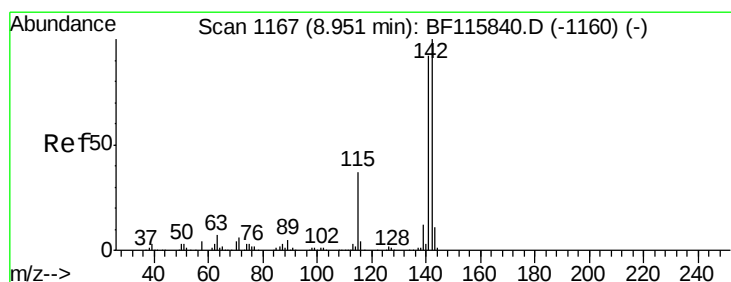
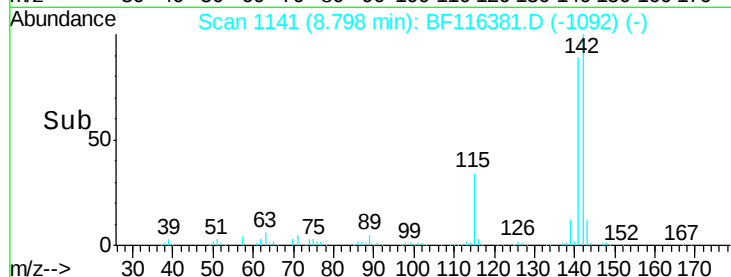
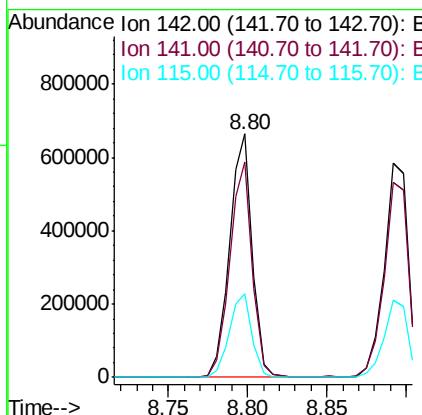
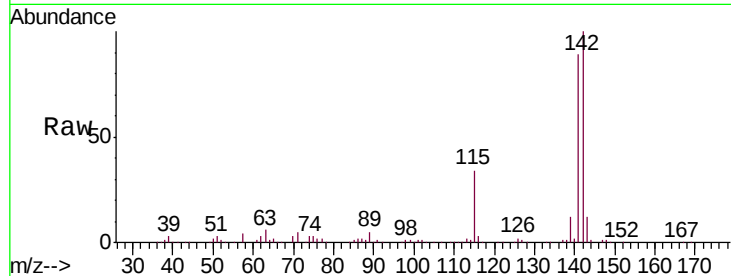




#37
 2-Methylnaphthalene
 Concen: 41.446 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BF116381.D
 Acq: 19 Aug 2019 10:26

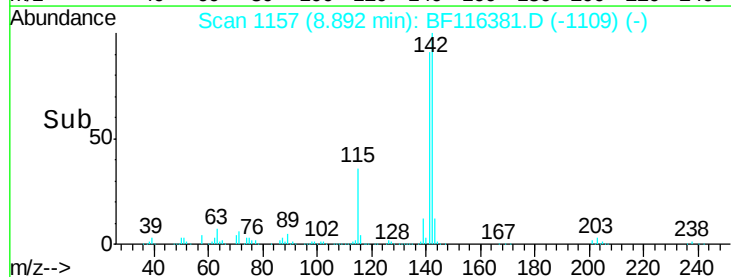
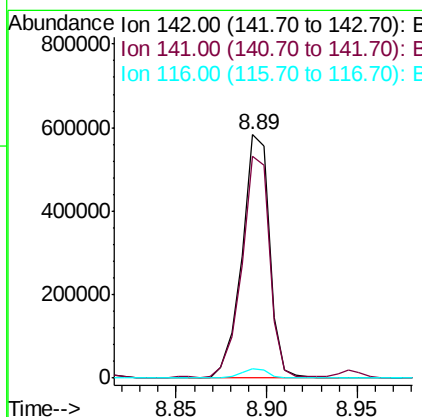
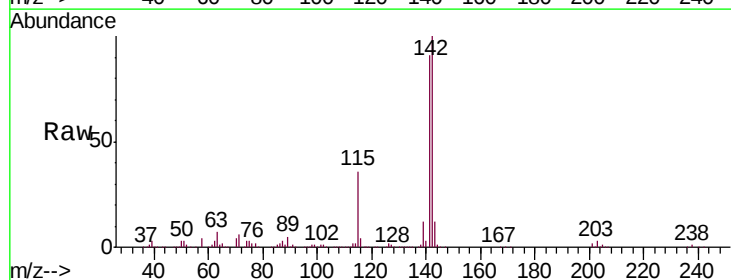
Instrument :
 BNA_F
 ClientSampleId :
 PB122335BS

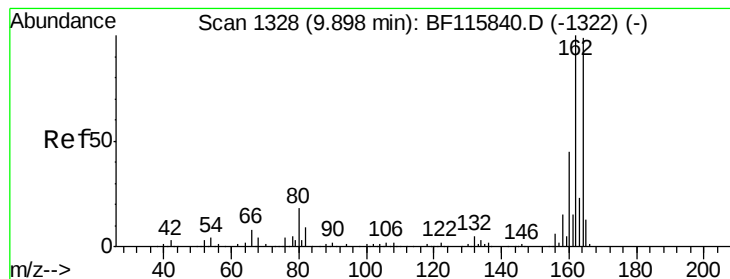
Tgt Ion:142 Resp: 650327
 Ion Ratio Lower Upper
 142 100
 141 88.7 70.9 106.3
 115 34.5 29.0 43.6



#38
 1-Methylnaphthalene
 Concen: 41.349 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. -0.02 min
 Lab File: BF116381.D
 Acq: 19 Aug 2019 10:26

Tgt Ion:142 Resp: 613787
 Ion Ratio Lower Upper
 142 100
 141 91.1 74.4 111.6
 116 3.9 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF116381.D

Acq: 19 Aug 2019 10:26

Instrument :

BNA_F

ClientSampleId :

PB122335BS

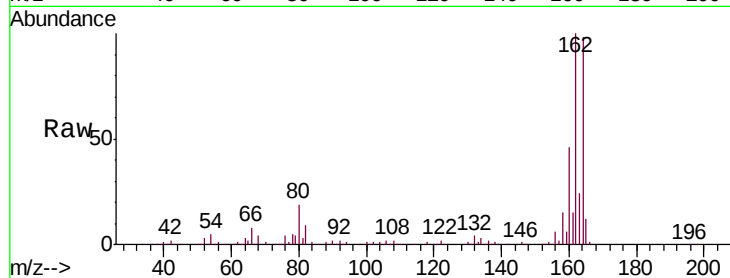
Tgt Ion:164 Resp: 270936

Ion Ratio Lower Upper

164 100

162 101.8 82.6 124.0

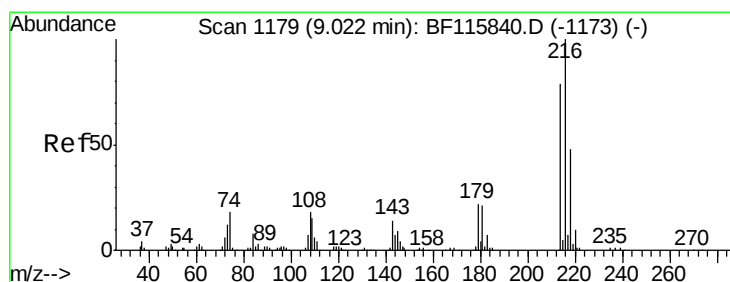
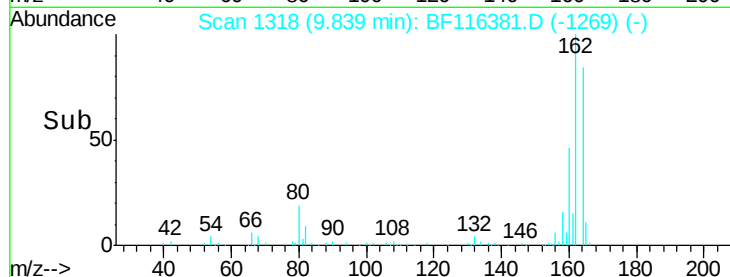
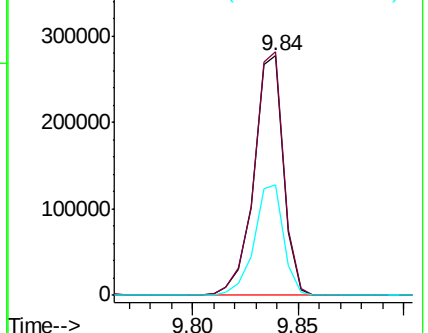
160 46.4 37.6 56.4



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: 40.898 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF116381.D

Acq: 19 Aug 2019 10:26

Tgt Ion:216 Resp: 296230

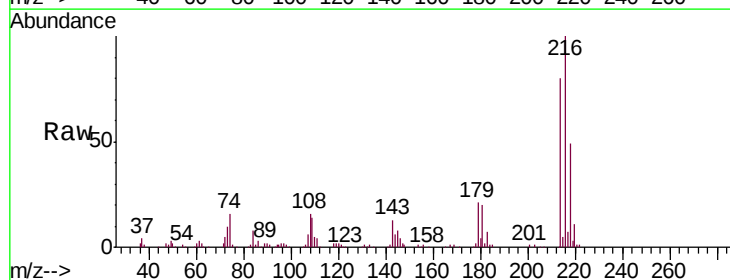
Ion Ratio Lower Upper

216 100

214 80.0 63.6 95.4

179 22.0 17.8 26.8

108 20.6 16.5 24.7

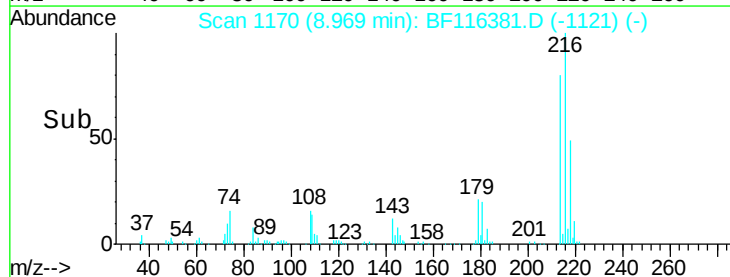
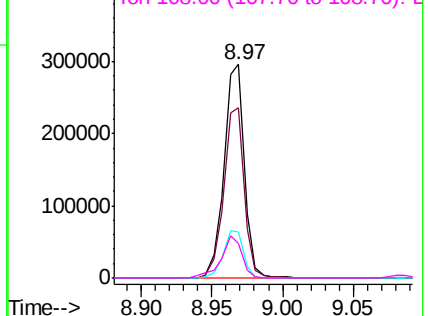


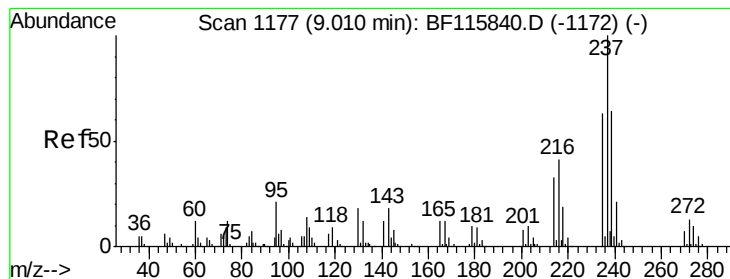
Abundance Ion 216.00 (215.70 to 216.70): E

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: 41.881 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.02 min

Lab File: BF116381.D

Acq: 19 Aug 2019 10:26

Instrument :

BNA_F

ClientSampleId :

PB122335BS

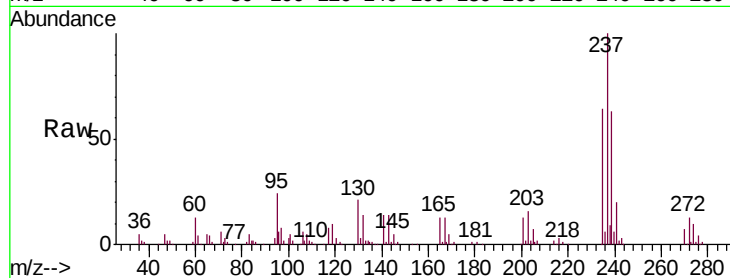
Tgt Ion:237 Resp: 126274

Ion Ratio Lower Upper

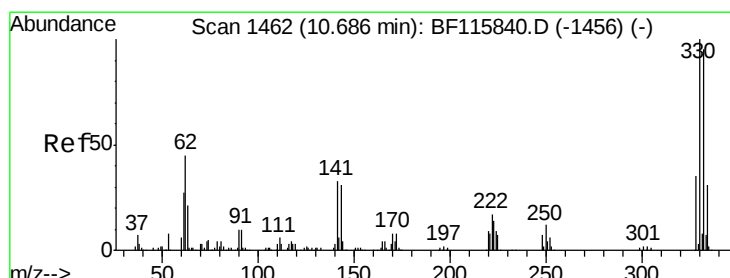
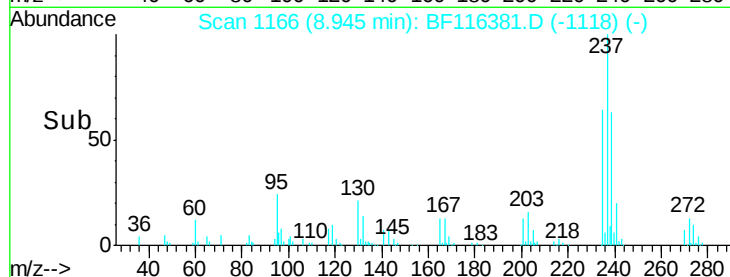
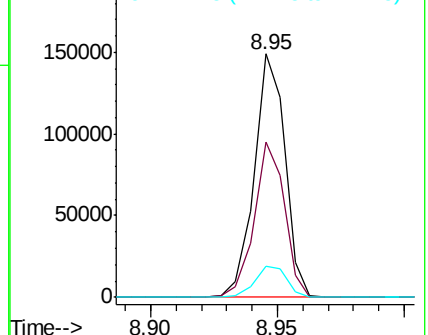
237 100

235 63.5 43.4 83.4

272 12.8 0.0 33.2



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: 103.678 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF116381.D

Acq: 19 Aug 2019 10:26

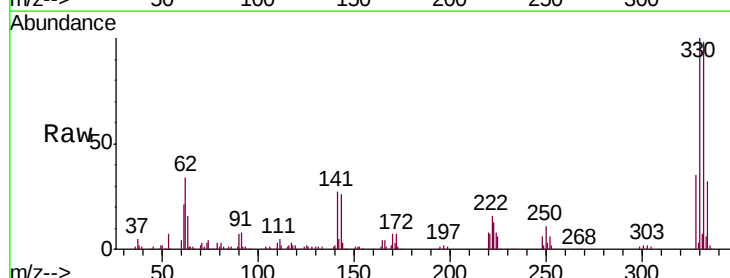
Tgt Ion:330 Resp: 272341

Ion Ratio Lower Upper

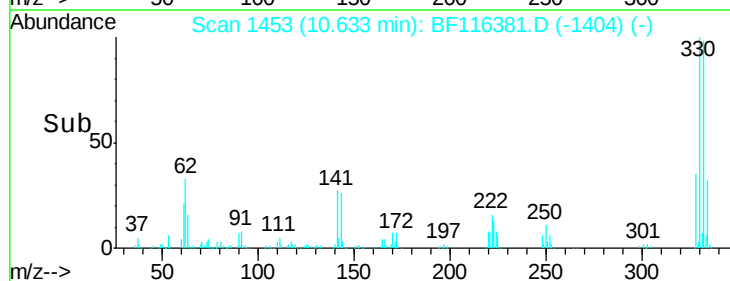
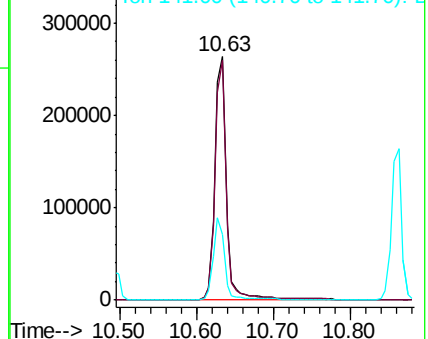
330 100

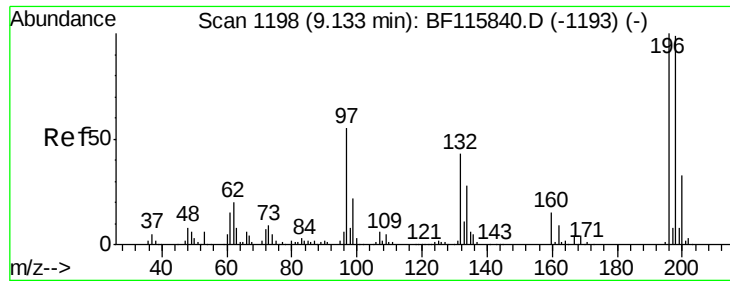
332 97.5 76.8 115.2

141 32.9 26.3 39.5



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

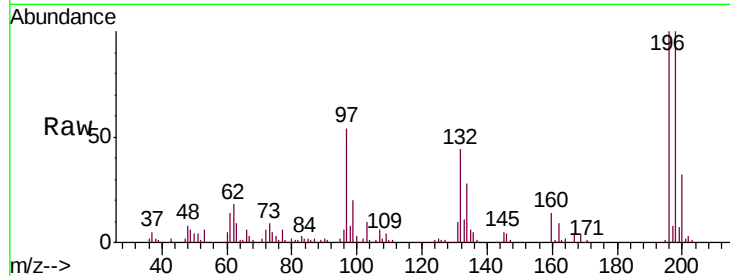




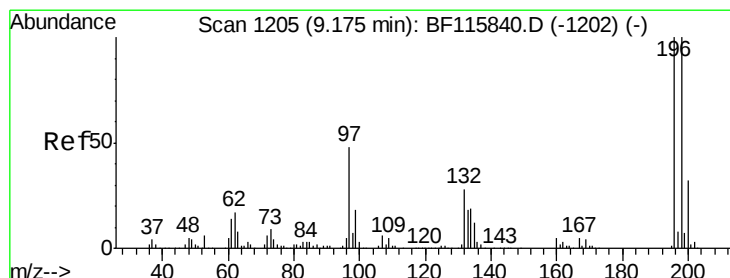
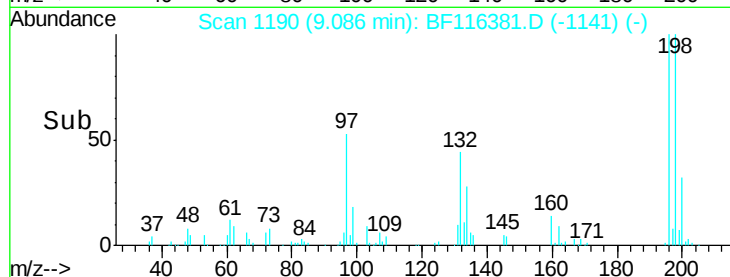
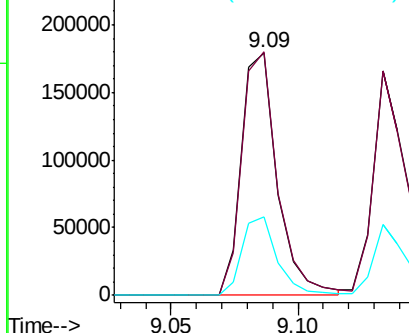
#43
 2,4,6-Trichlorophenol
 Concen: 35.510 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF116381.D
 Acq: 19 Aug 2019 10:26

Instrument :
 BNA_F
 ClientSampleId :
 PB122335BS

Tgt Ion:196 Resp: 177038
 Ion Ratio Lower Upper
 196 100
 198 100.3 79.2 118.8
 200 32.2 25.2 37.8

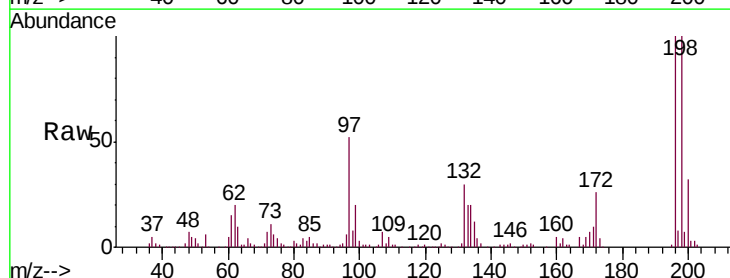


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

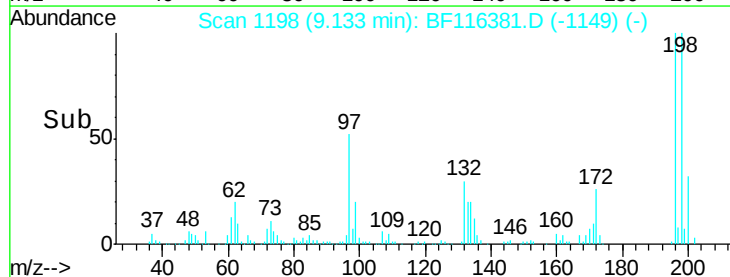
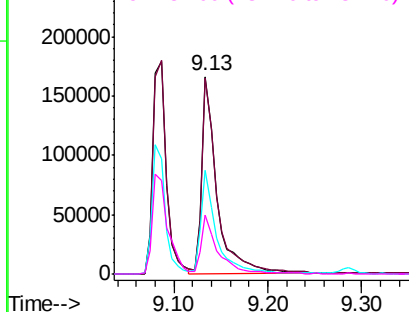


#44
 2,4,5-Trichlorophenol
 Concen: 36.348 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF116381.D
 Acq: 19 Aug 2019 10:26

Tgt Ion:196 Resp: 187322
 Ion Ratio Lower Upper
 196 100
 198 99.6 78.8 118.2
 97 52.5 42.2 63.4
 132 29.9 24.0 36.0



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

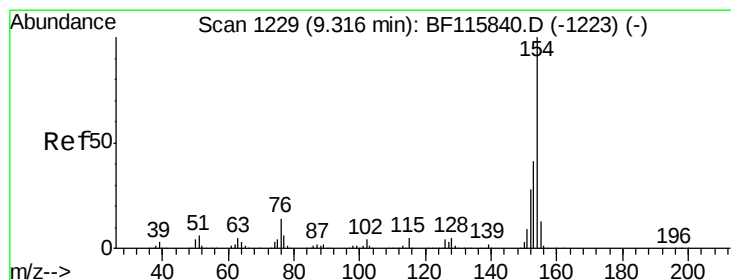
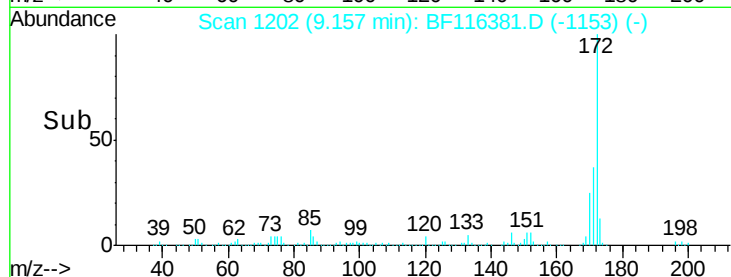
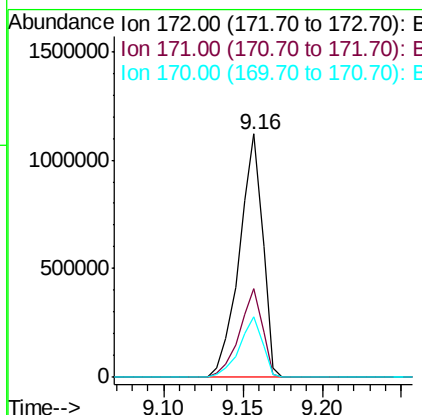
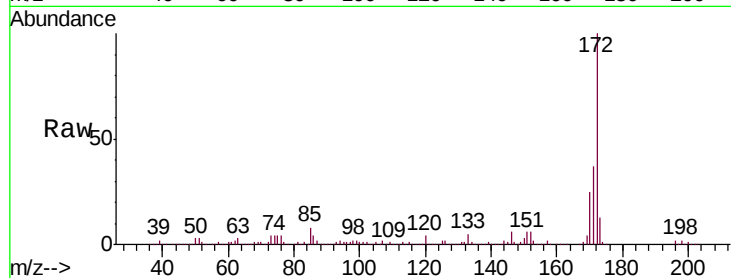




#45
2-Fluorobiphenyl
Concen: 78.711 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF116381.D
Acq: 19 Aug 2019 10:26

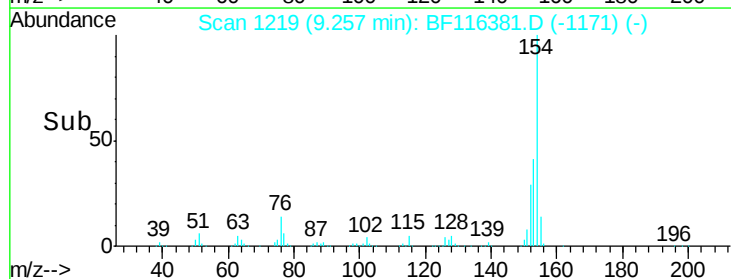
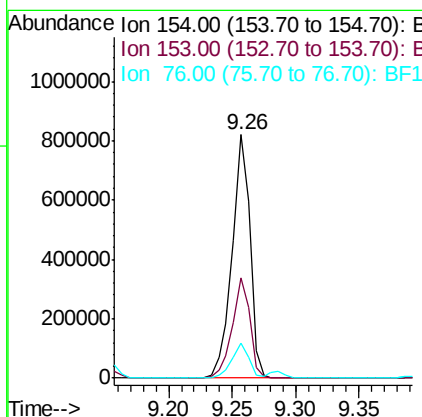
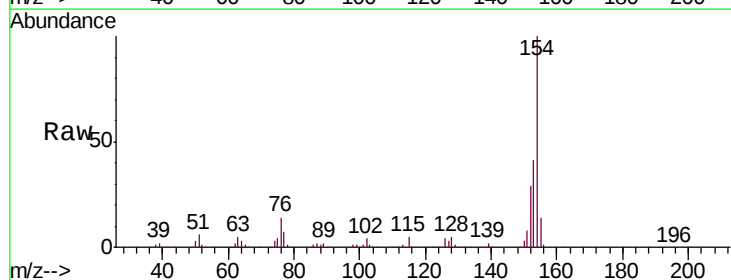
Instrument :
BNA_F
ClientSampleId :
PB122335BS

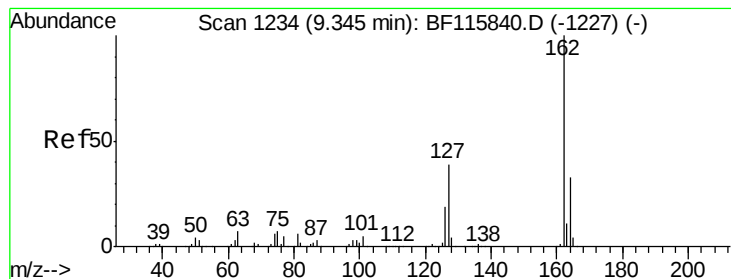
Tgt Ion:172 Resp: 1138533
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 24.9 20.1 30.1



#46
1,1'-Biphenyl
Concen: 41.660 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.02 min
Lab File: BF116381.D
Acq: 19 Aug 2019 10:26

Tgt Ion:154 Resp: 796873
Ion Ratio Lower Upper
154 100
153 41.0 21.4 61.4
76 14.4 0.0 35.2





#47

2-Chloronaphthalene

Concen: 39.075 ng

RT: 9.29 min Scan# 1224

Delta R.T. -0.01 min

Lab File: BF116381.D

Acq: 19 Aug 2019 10:26

Instrument :

BNA_F

ClientSampleId :

PB122335BS

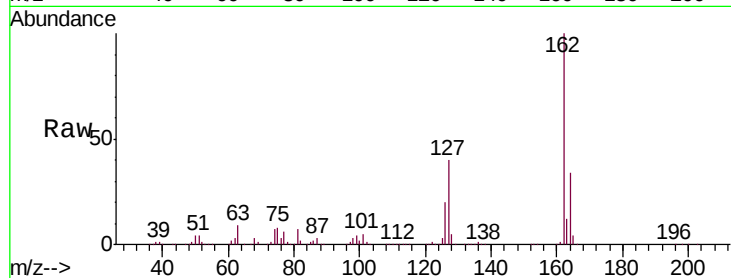
Tgt Ion: 162 Resp: 622083

Ion Ratio Lower Upper

162 100

127 40.3 32.8 49.2

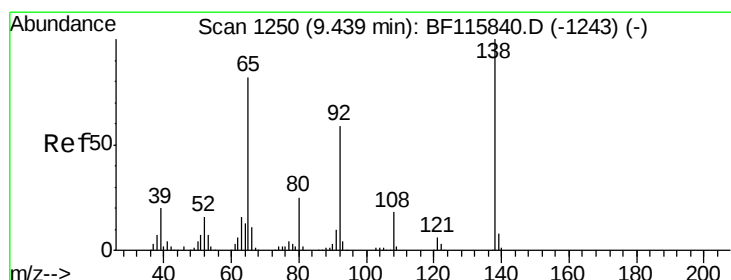
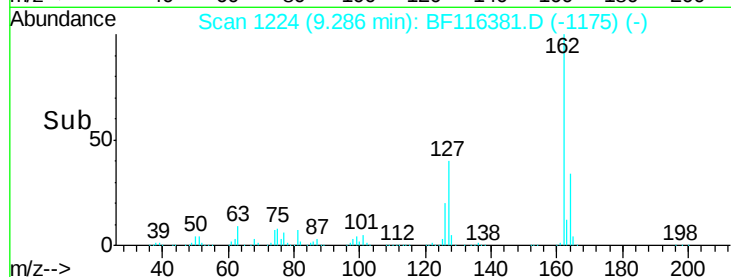
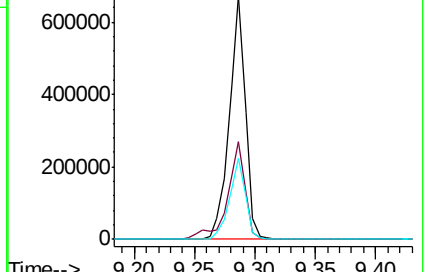
164 33.5 26.6 39.8



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: 36.577 ng

RT: 9.39 min Scan# 1242

Delta R.T. -0.01 min

Lab File: BF116381.D

Acq: 19 Aug 2019 10:26

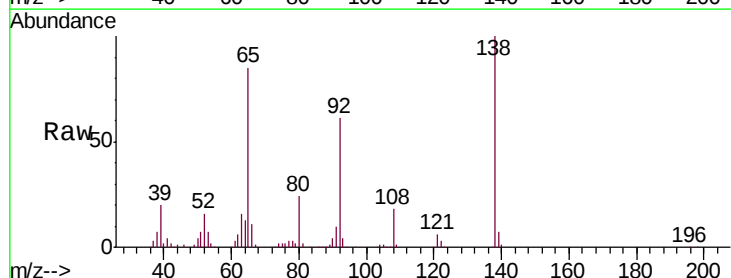
Tgt Ion: 65 Resp: 192477

Ion Ratio Lower Upper

65 100

92 72.5 57.8 86.8

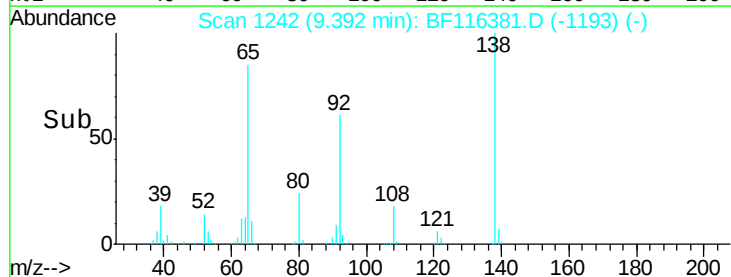
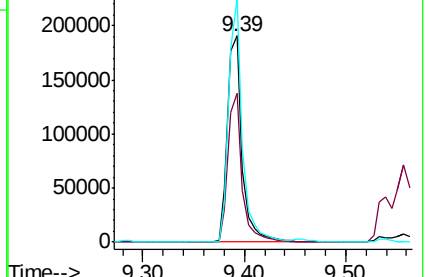
138 118.1 94.0 141.0

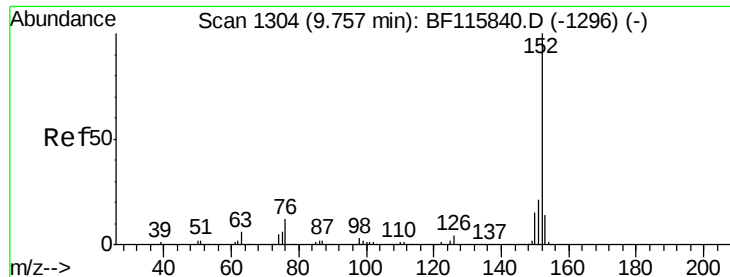


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.542 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.02 min

Lab File: BF116381.D

Acq: 19 Aug 2019 10:26

Instrument :

BNA_F

ClientSampleId :

PB122335BS

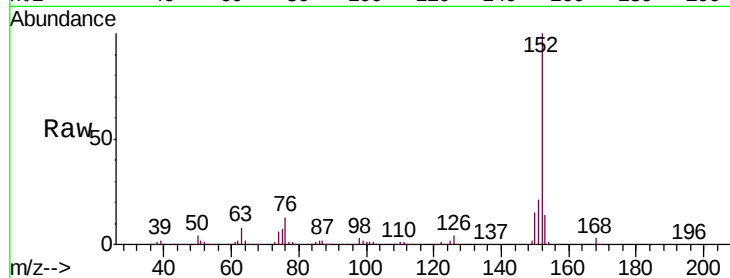
Tgt Ion:152 Resp: 918393

Ion Ratio Lower Upper

152 100

151 20.7 17.2 25.8

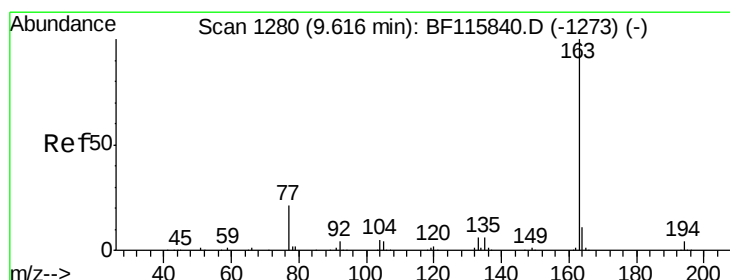
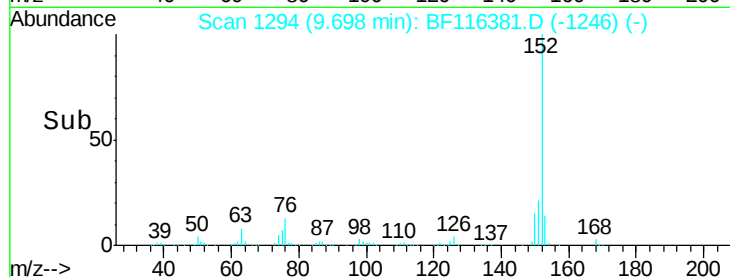
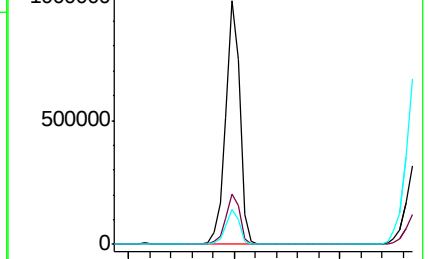
153 14.3 11.8 17.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.332 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF116381.D

Acq: 19 Aug 2019 10:26

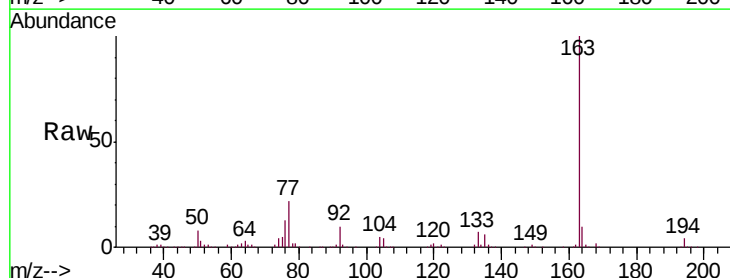
Tgt Ion:163 Resp: 725591

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

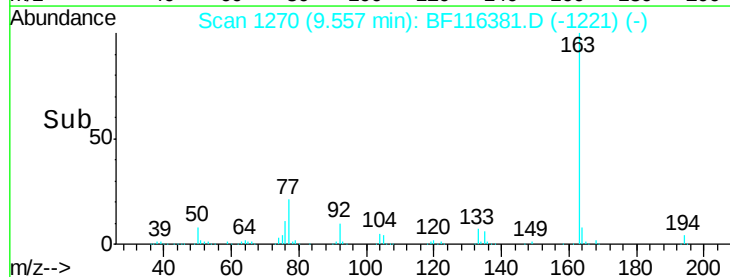
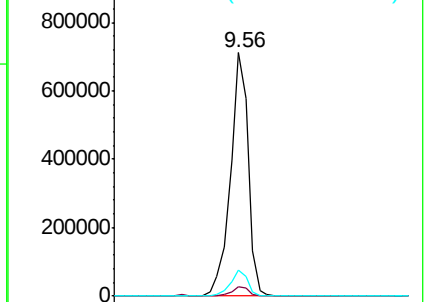
164 10.5 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

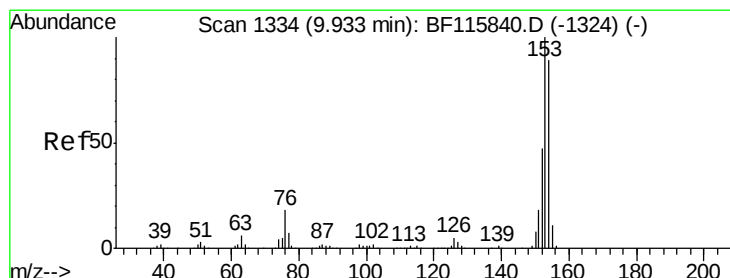
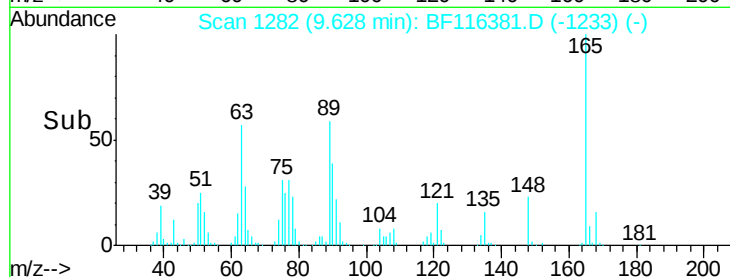
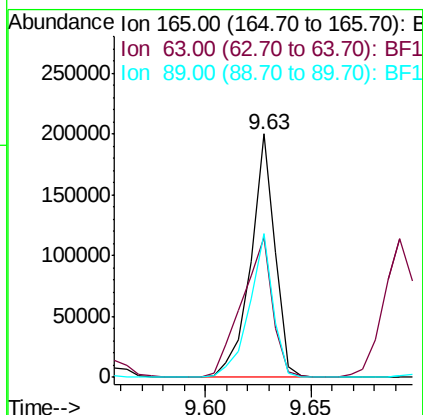
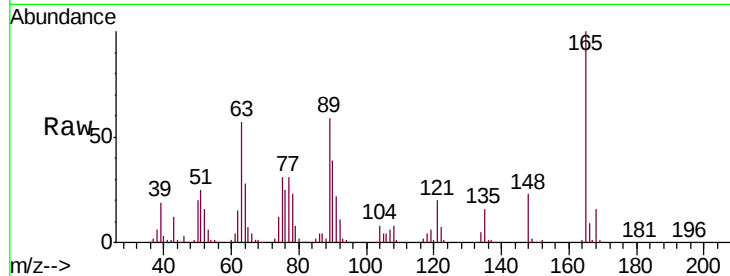




#51
 2,6-Dinitrotoluene
 Concen: 39.810 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: BF116381.D
 Acq: 19 Aug 2019 10:26

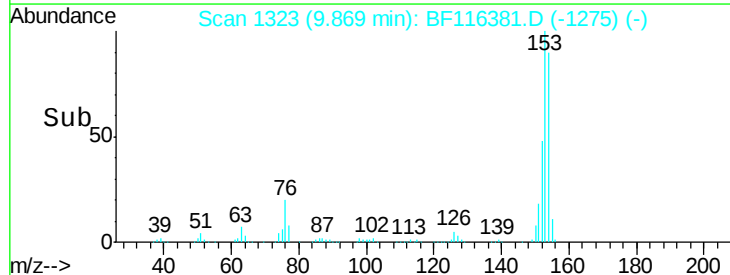
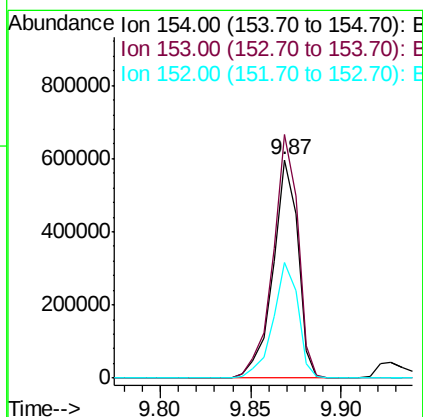
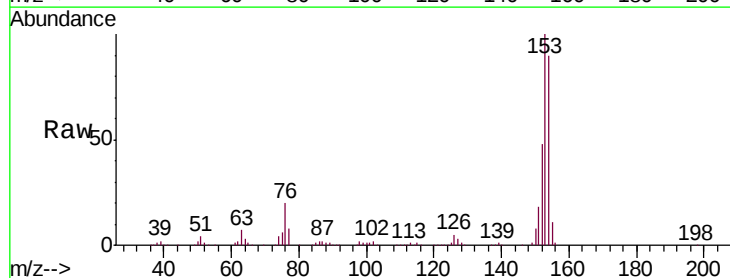
Instrument :
 BNA_F
 ClientSampleId :
 PB122335BS

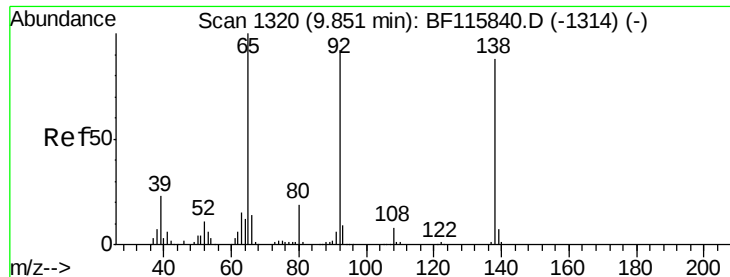
Tgt Ion:165 Resp: 159600
 Ion Ratio Lower Upper
 165 100
 63 57.5 38.2 57.2#
 89 59.3 42.9 64.3



#52
 Acenaphthene
 Concen: 40.082 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF116381.D
 Acq: 19 Aug 2019 10:26

Tgt Ion:154 Resp: 571121
 Ion Ratio Lower Upper
 154 100
 153 111.6 89.4 134.0
 152 53.2 42.3 63.5

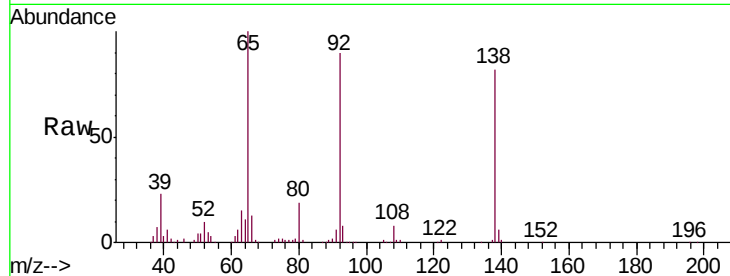




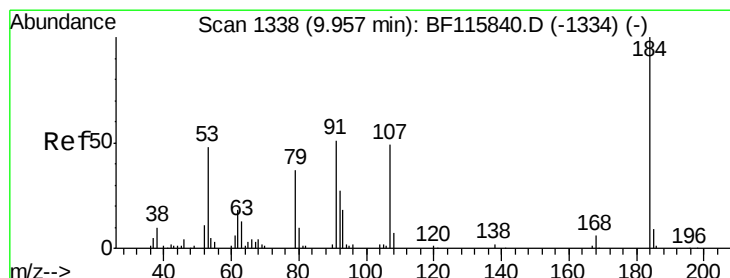
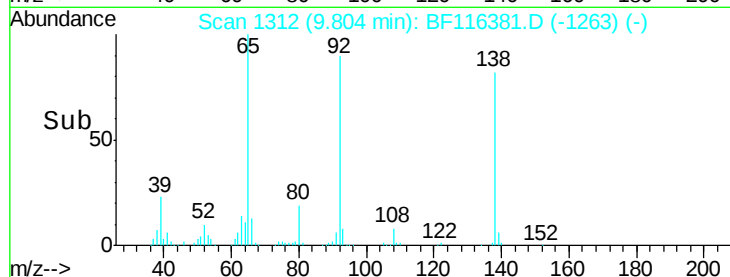
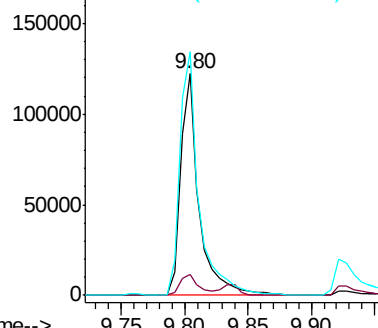
#53
 3-Nitroaniline
 Concen: 25.258 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.01 min
 Lab File: BF116381.D
 Acq: 19 Aug 2019 10:26

Instrument :
 BNA_F
 ClientSampleId :
 PB122335BS

Tgt Ion:138 Resp: 125121
 Ion Ratio Lower Upper
 138 100
 108 9.6 8.0 12.0
 92 109.9 91.0 136.6

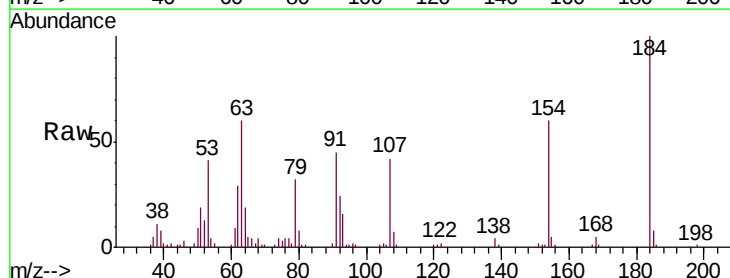


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

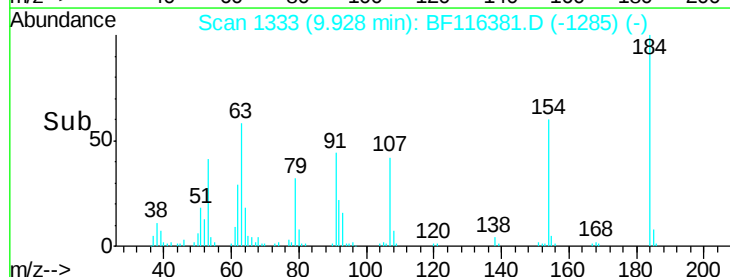
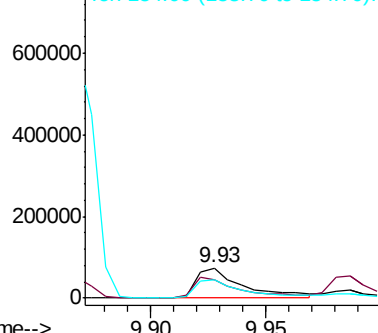


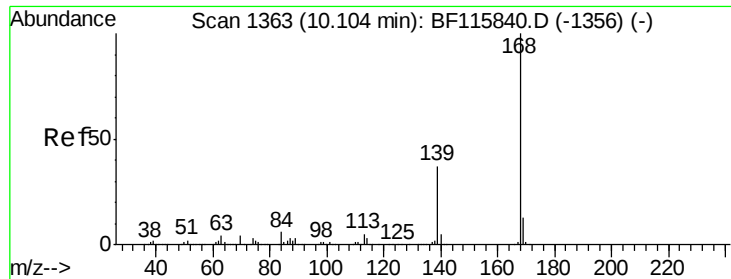
#54
 2,4-Dinitrophenol
 Concen: 54.085 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.02 min
 Lab File: BF116381.D
 Acq: 19 Aug 2019 10:26

Tgt Ion:184 Resp: 104563
 Ion Ratio Lower Upper
 184 100
 63 60.0 53.0 79.4
 154 60.0 50.1 75.1



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

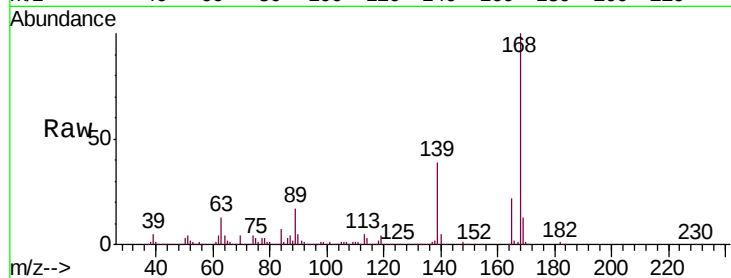




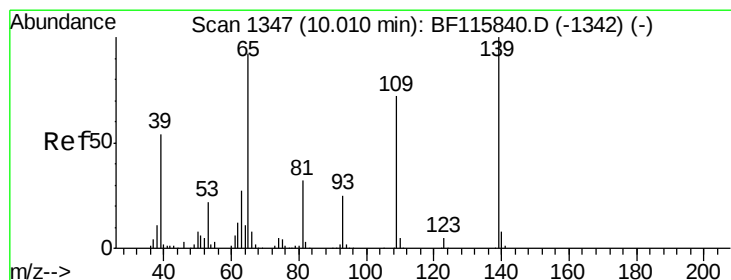
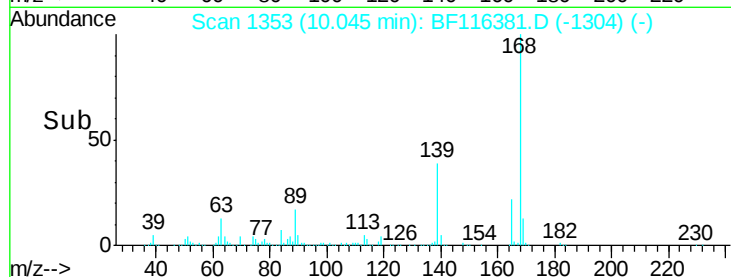
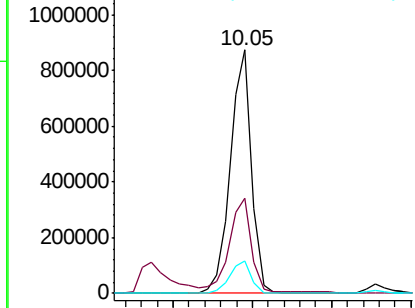
#55
Dibenzofuran
Concen: 38.583 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF116381.D
Acq: 19 Aug 2019 10:26

Instrument :
BNA_F
ClientSampleId :
PB122335BS

Tgt Ion:168 Resp: 799493
Ion Ratio Lower Upper
168 100
139 38.9 31.4 47.2
169 13.4 10.9 16.3

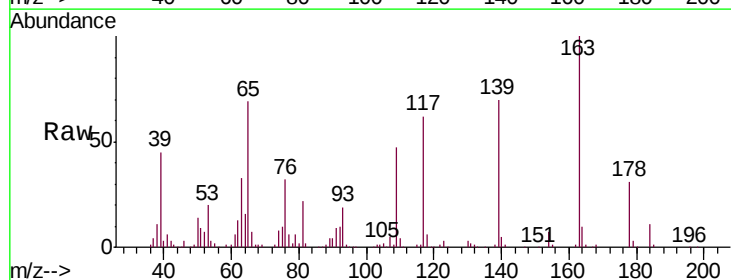


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

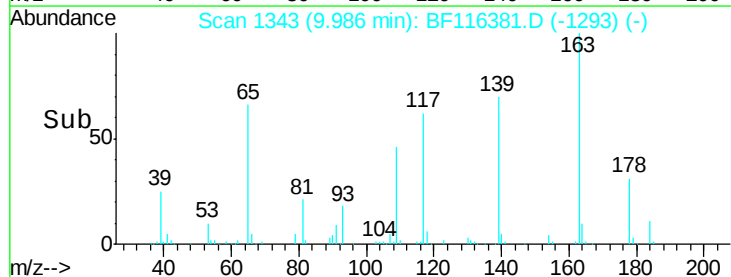
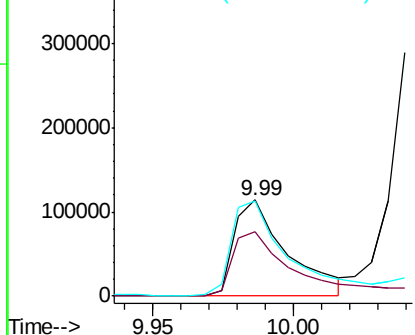


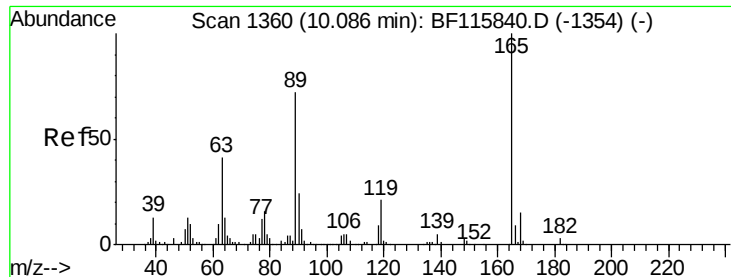
#56
4-Nitrophenol
Concen: 46.673 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF116381.D
Acq: 19 Aug 2019 10:26

Tgt Ion:139 Resp: 148106
Ion Ratio Lower Upper
139 100
109 67.3 54.4 94.4
65 98.5 80.6 120.6



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: 37.302 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.01 min

Lab File: BF116381.D

Acq: 19 Aug 2019 10:26

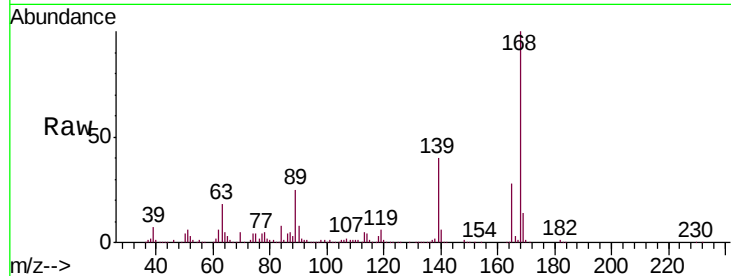
Instrument :

BNA_F

ClientSampleId :

PB122335BS

Tgt Ion:	165	Resp:	199105
Ion	Ratio	Lower	Upper
165	100		
63	64.5	39.6	59.4#
89	88.4	62.2	93.2
182	2.5	2.1	3.1



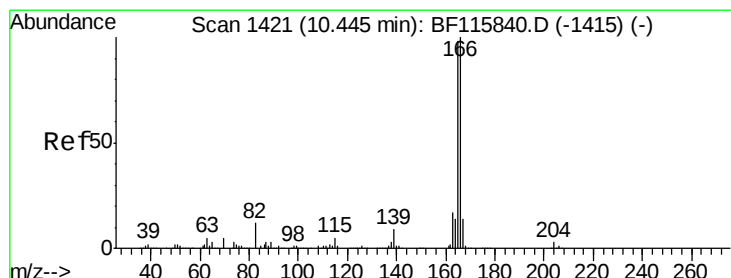
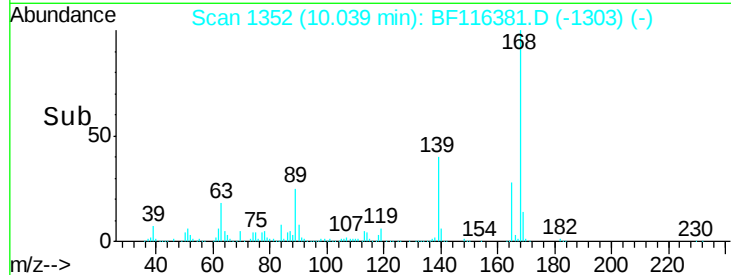
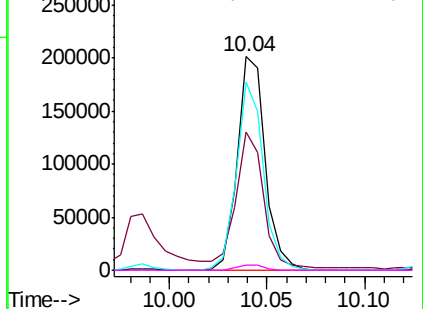
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 40.899 ng

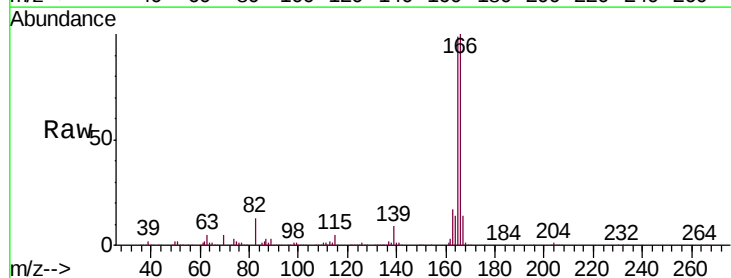
RT: 10.39 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF116381.D

Acq: 19 Aug 2019 10:26

Tgt Ion:	166	Resp:	652029
Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.4	117.6
167	13.8	11.0	16.4

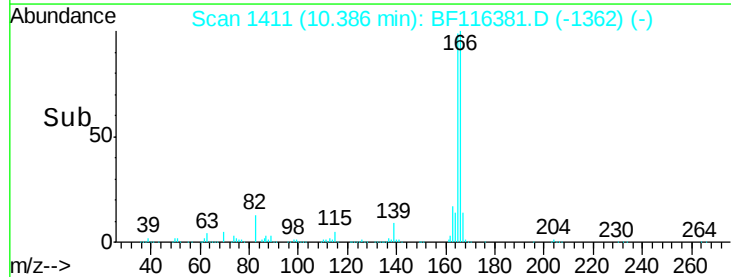
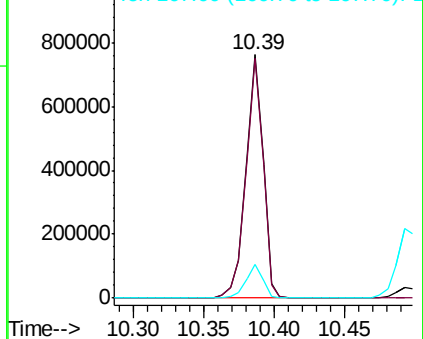


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

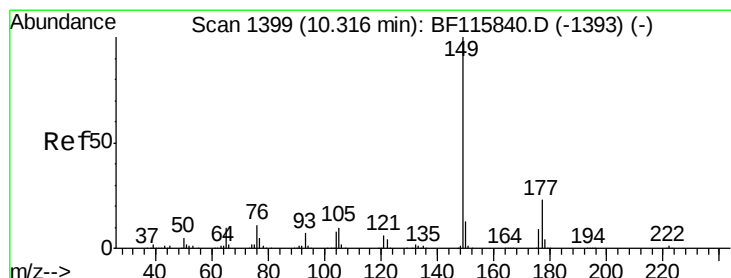
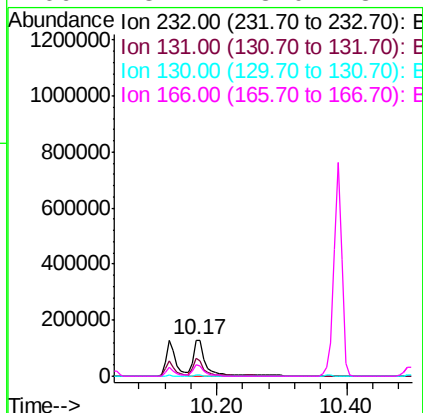
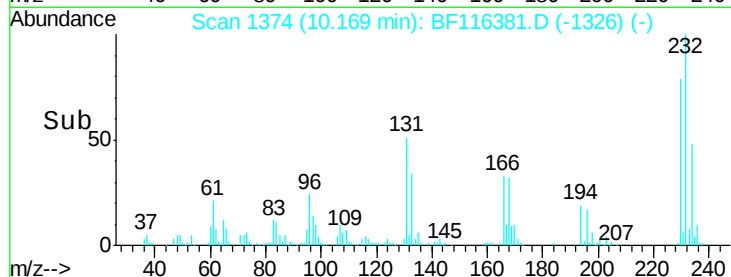
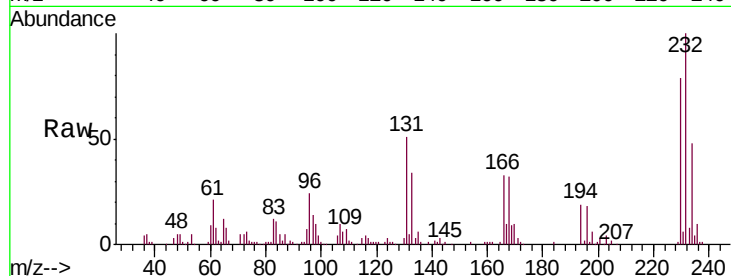




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.869 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. -0.02 min
 Lab File: BF116381.D
 Acq: 19 Aug 2019 10:26

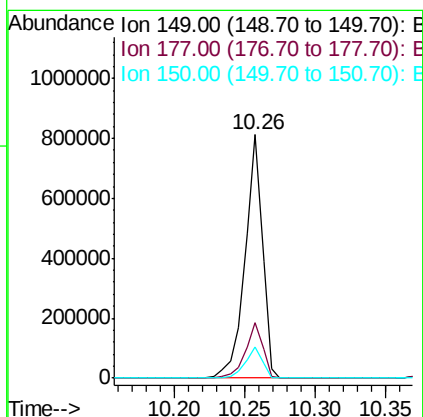
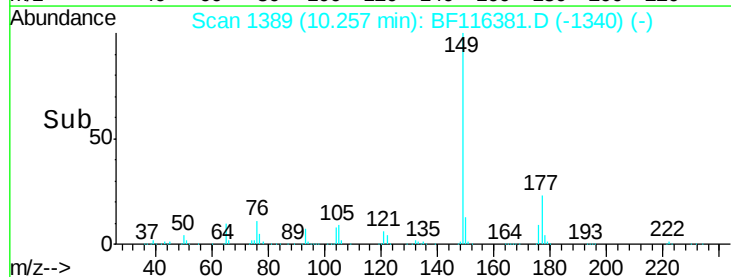
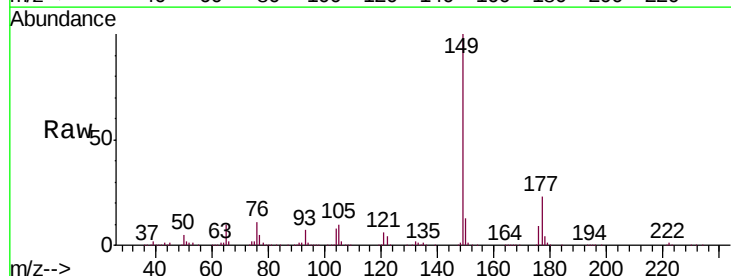
Instrument :
 BNA_F
 ClientSampleId :
 PB122335BS

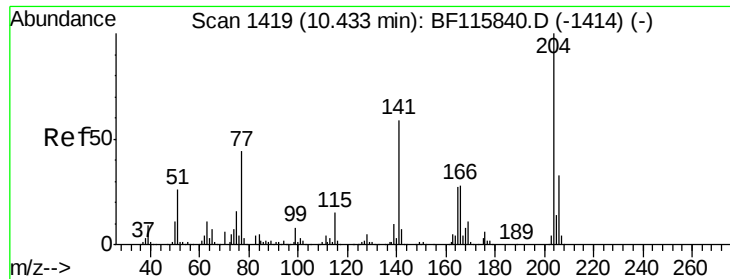
Tgt Ion:	232	Resp:	168529
Ion	Ratio	Lower	Upper
232	100		
131	44.1	36.2	54.2
130	2.3	1.9	2.9
166	28.1	23.0	34.4



#60
 Diethylphthalate
 Concen: 40.608 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BF116381.D
 Acq: 19 Aug 2019 10:26

Tgt Ion:	149	Resp:	699402
Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.8	28.2
150	12.6	10.2	15.4

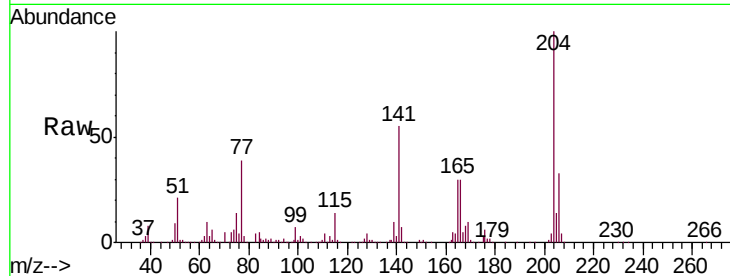




#61
 4-Chlorophenyl-phenylether
 Concen: 41.739 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF116381.D
 Acq: 19 Aug 2019 10:26

Instrument :
 BNA_F
 ClientSampleId :
 PB122335BS

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.4	39.6
141	54.9	46.4	69.6

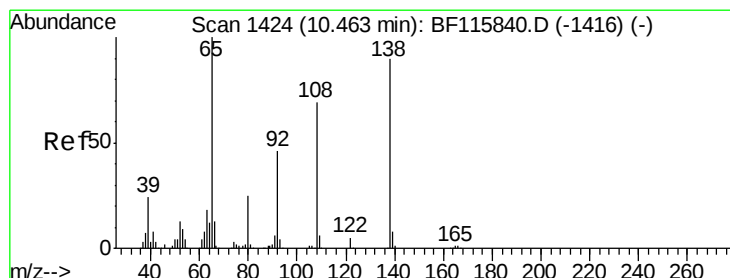
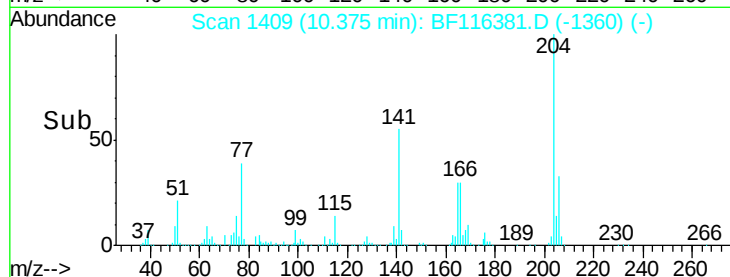
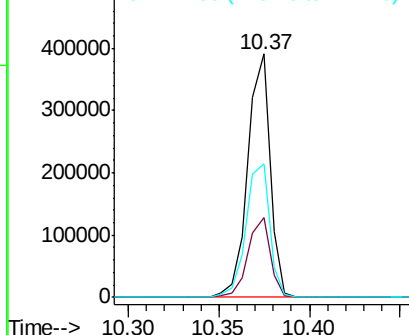


Abundance

Ion 204.00 (203.70 to 204.70): E

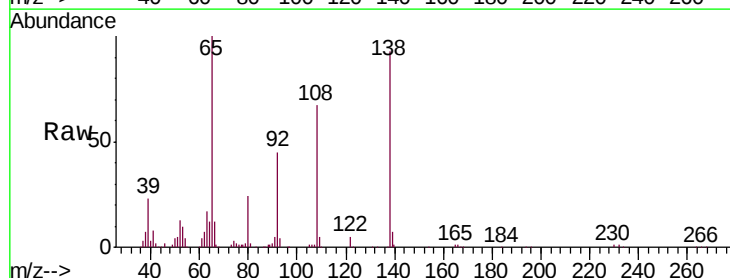
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 29.301 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF116381.D
 Acq: 19 Aug 2019 10:26

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.7	29.0	69.0
108	72.1	54.7	94.7

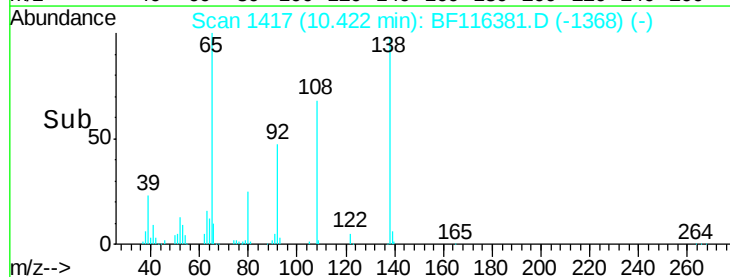
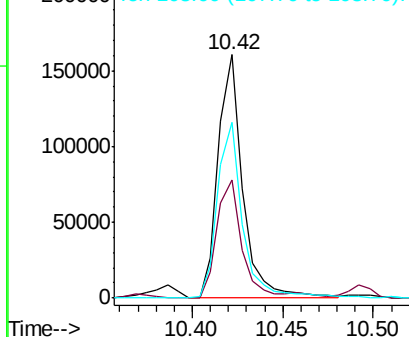


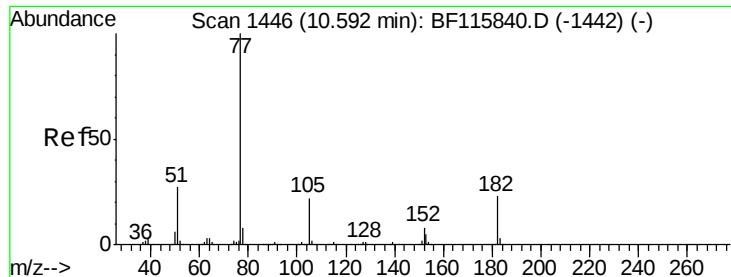
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 40.753 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.02 min

Lab File: BF116381.D

Acq: 19 Aug 2019 10:26

Instrument :

BNA_F

ClientSampleId :

PB122335BS

Tgt Ion: 77 Resp: 721948

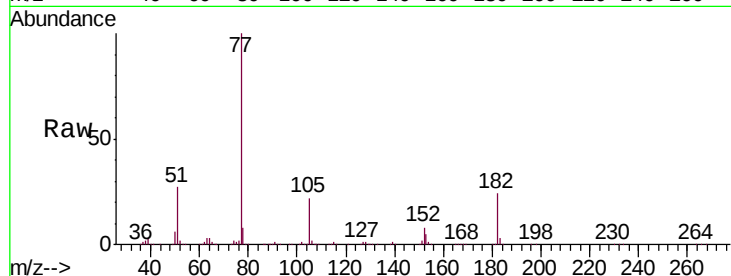
Ion Ratio Lower Upper

77 100

182 23.6 4.0 44.0

105 22.1 2.0 42.0

51 27.1 7.5 47.5

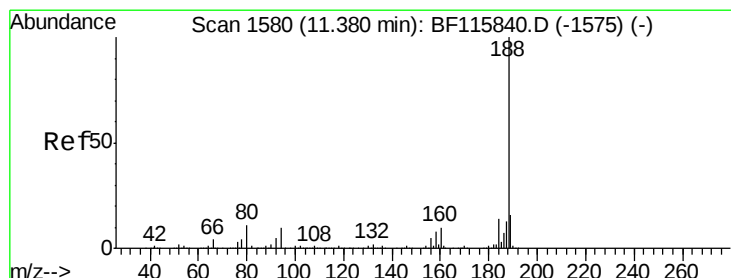
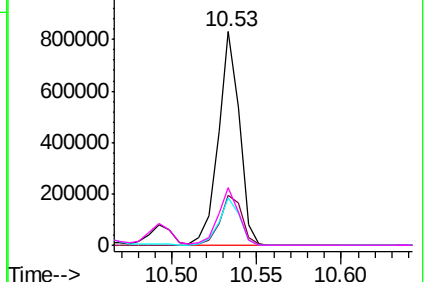
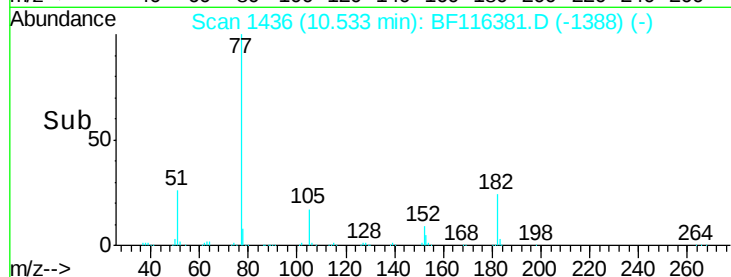


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.32 min Scan# 1570

Delta R.T. -0.02 min

Lab File: BF116381.D

Acq: 19 Aug 2019 10:26

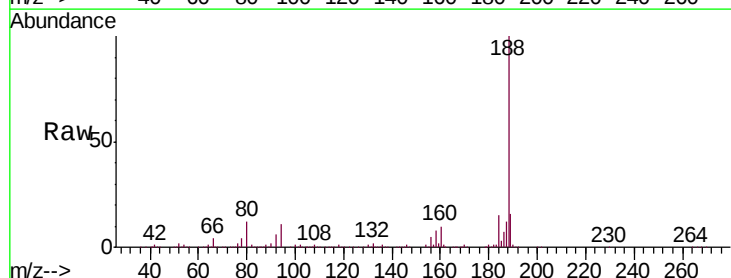
Tgt Ion: 188 Resp: 467305

Ion Ratio Lower Upper

188 100

94 10.6 8.1 12.1

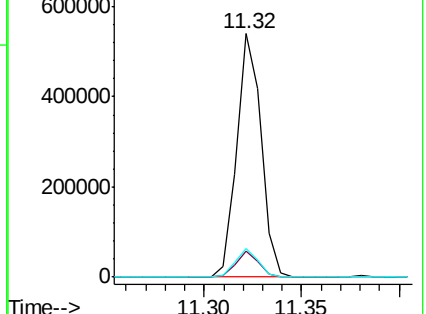
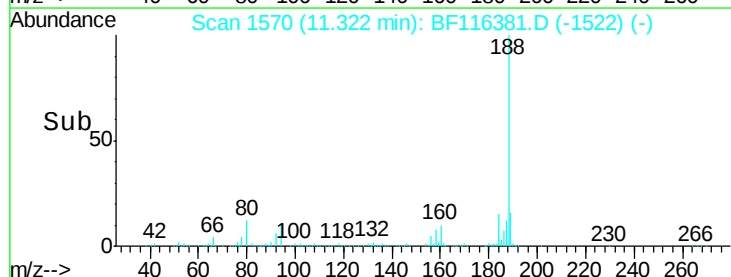
80 11.5 8.7 13.1

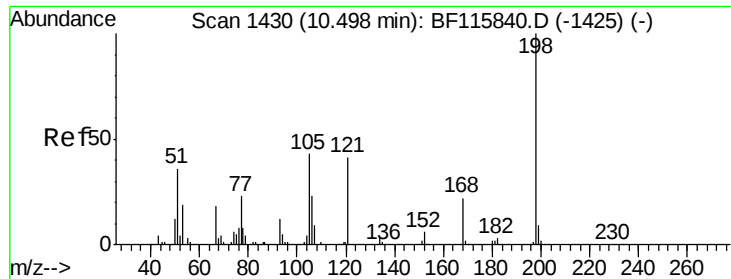


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

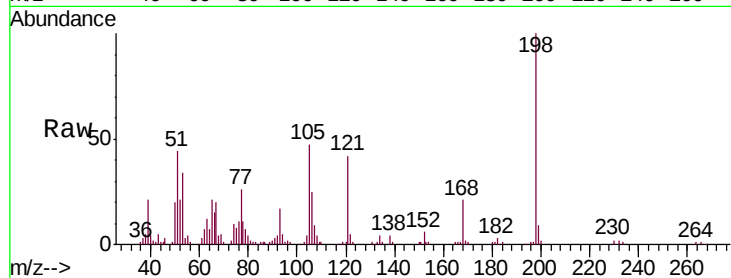




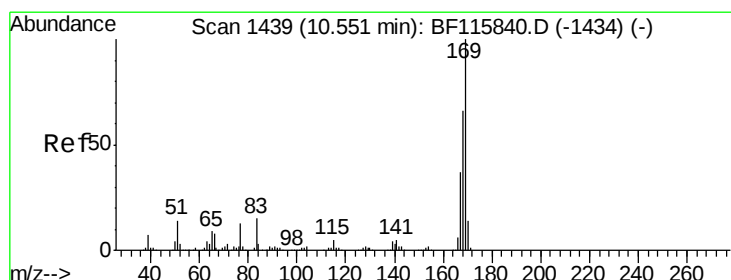
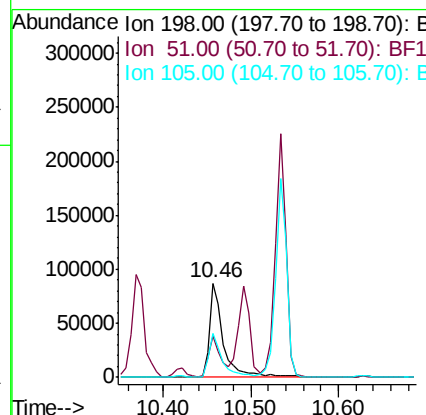
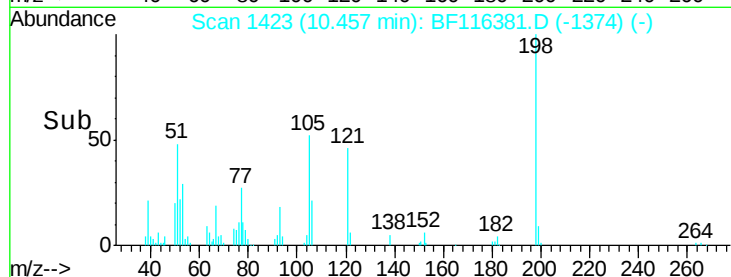
#65
4,6-Dinitro-2-methylphenol
Concen: 39.261 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF116381.D
Acq: 19 Aug 2019 10:26

Instrument :
BNA_F
ClientSampleId :
PB122335BS

Tgt Ion:198 Resp: 97225
Ion Ratio Lower Upper
198 100
51 44.5 17.0 57.0
105 47.2 21.6 61.6

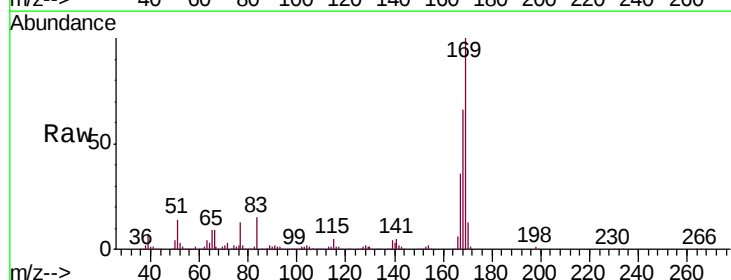


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

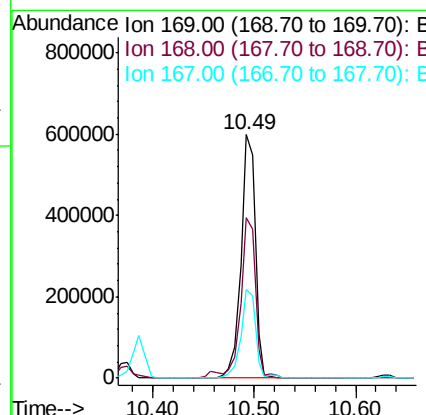
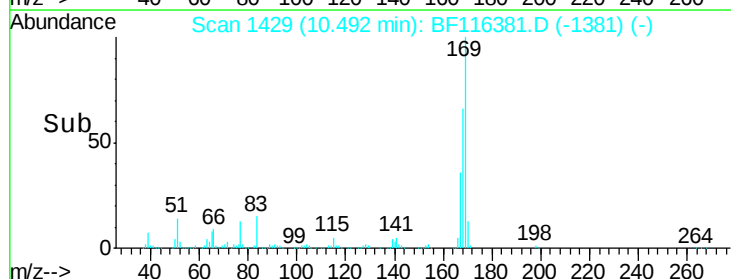


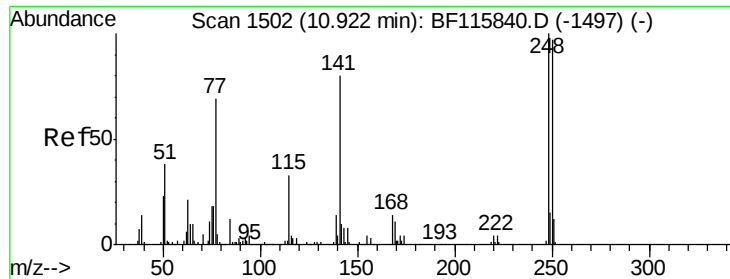
#66
n-Nitrosodiphenylamine
Concen: 41.793 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.02 min
Lab File: BF116381.D
Acq: 19 Aug 2019 10:26

Tgt Ion:169 Resp: 587830
Ion Ratio Lower Upper
169 100
168 65.9 53.8 80.6
167 36.4 29.6 44.4



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

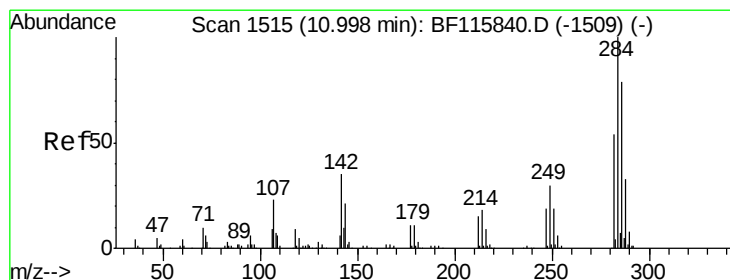
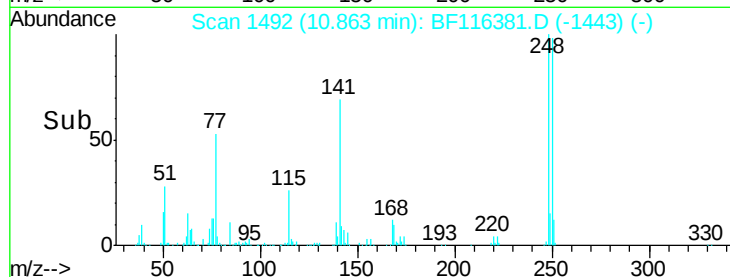
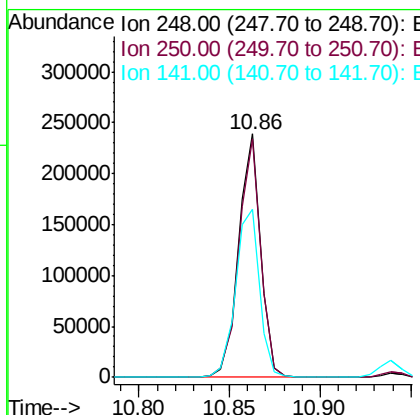
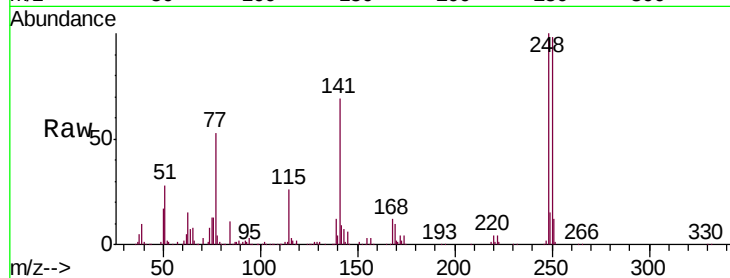




#67
 4-Bromophenyl-phenylether
 Concen: 40.328 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BF116381.D
 Acq: 19 Aug 2019 10:26

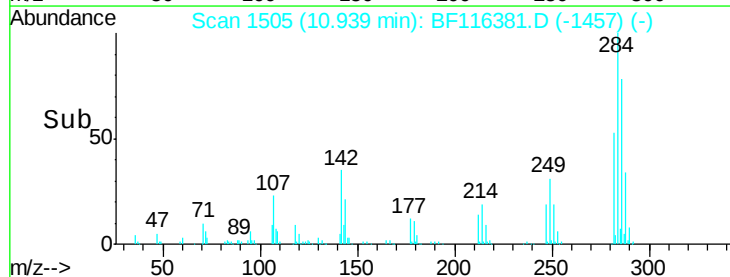
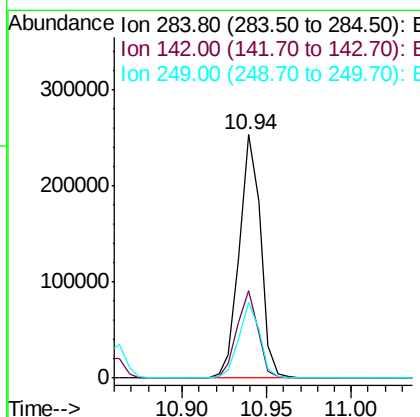
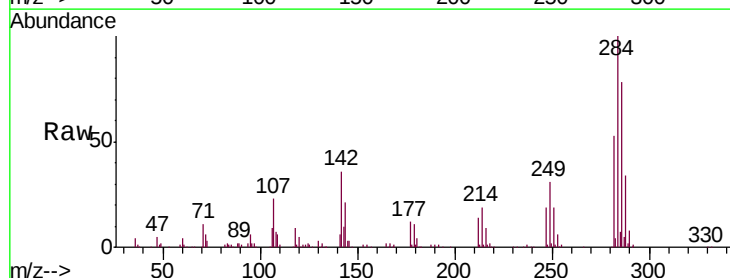
Instrument :
 BNA_F
 ClientSampleId :
 PB122335BS

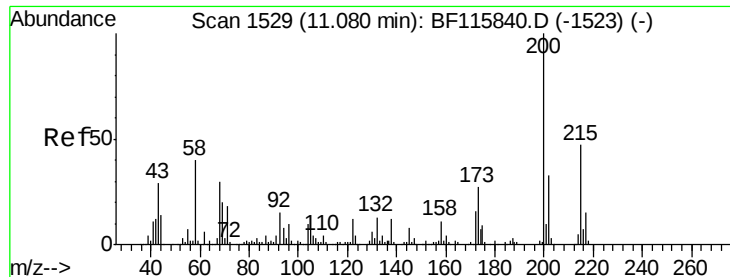
Tgt Ion:248 Resp: 201741
 Ion Ratio Lower Upper
 248 100
 250 97.8 77.4 116.2
 141 68.9 56.8 85.2



#68
 Hexachlorobenzene
 Concen: 38.614 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. -0.02 min
 Lab File: BF116381.D
 Acq: 19 Aug 2019 10:26

Tgt Ion:284 Resp: 223367
 Ion Ratio Lower Upper
 284 100
 142 35.7 28.4 42.6
 249 31.0 24.5 36.7





#69

Atrazine

Concen: 37.884 ng

RT: 11.02 min Scan# 1519

Delta R.T. -0.01 min

Lab File: BF116381.D

Acq: 19 Aug 2019 10:26

Instrument :

BNA_F

ClientSampleId :

PB122335BS

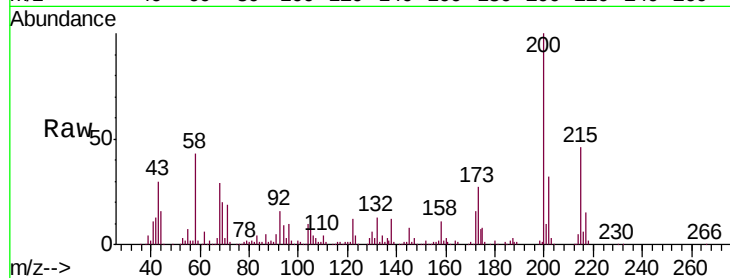
Tgt Ion:200 Resp: 175298

Ion Ratio Lower Upper

200 100

173 27.0 6.8 46.8

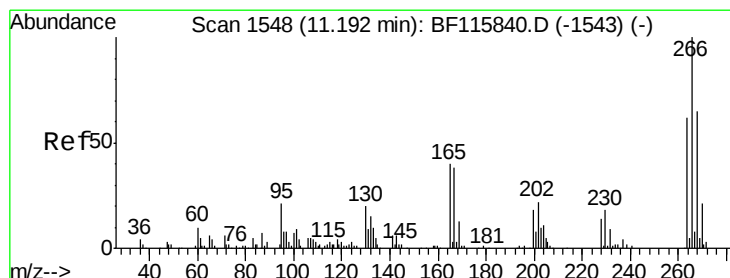
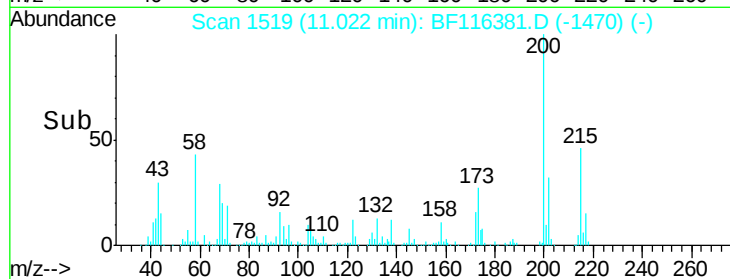
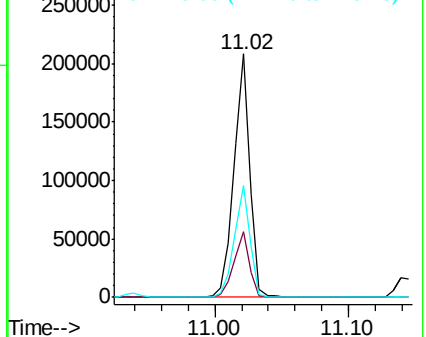
215 46.2 27.5 67.5



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 52.939 ng

RT: 11.14 min Scan# 1539

Delta R.T. -0.02 min

Lab File: BF116381.D

Acq: 19 Aug 2019 10:26

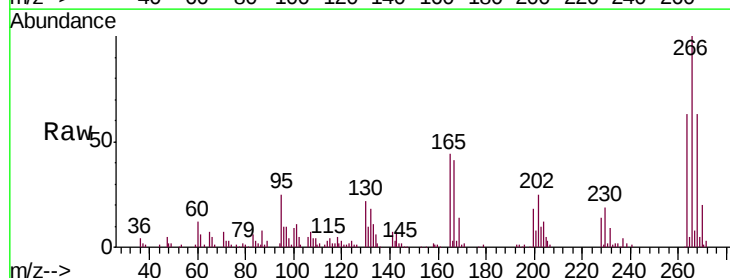
Tgt Ion:266 Resp: 148675

Ion Ratio Lower Upper

266 100

268 62.9 48.8 73.2

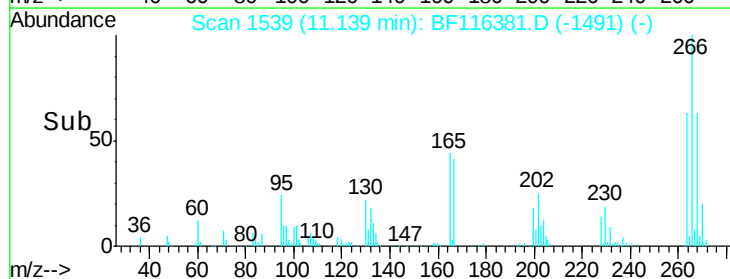
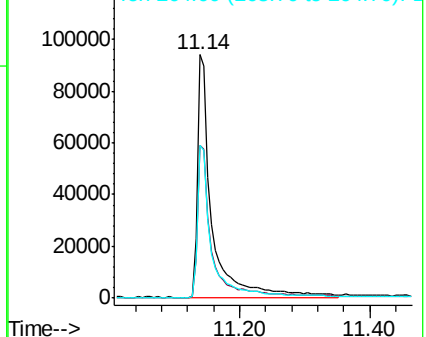
264 63.0 50.6 76.0

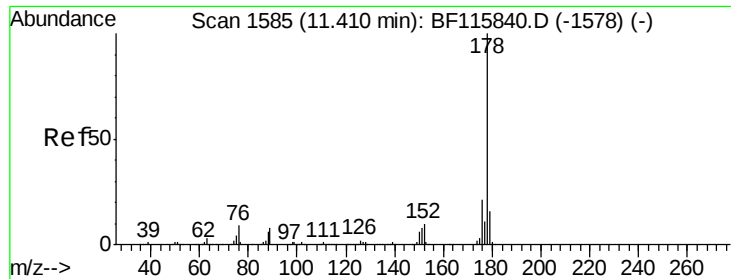


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

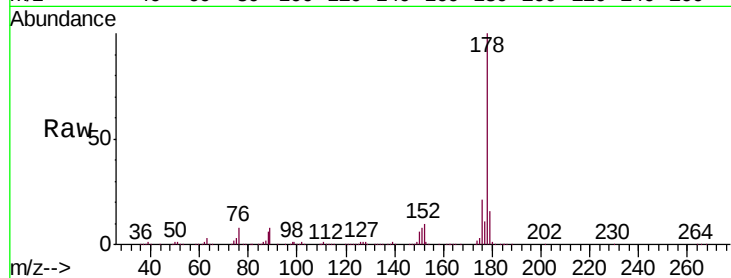




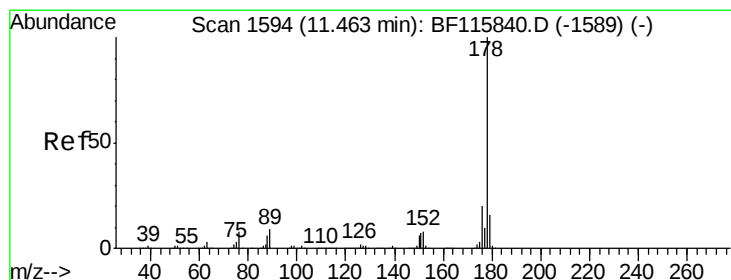
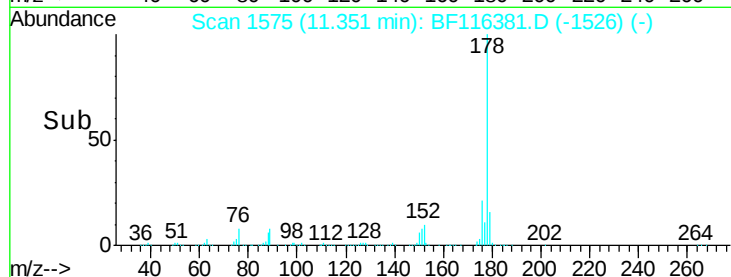
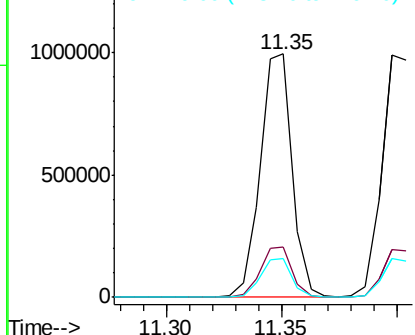
#71
Phenanthrene
Concen: 40.148 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF116381.D
Acq: 19 Aug 2019 10:26

Instrument :
BNA_F
ClientSampleId :
PB122335BS

Tgt Ion:178 Resp: 959126
Ion Ratio Lower Upper
178 100
176 20.7 16.6 24.8
179 15.8 12.5 18.7

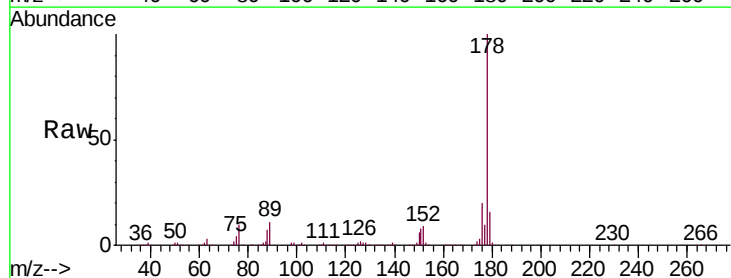


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

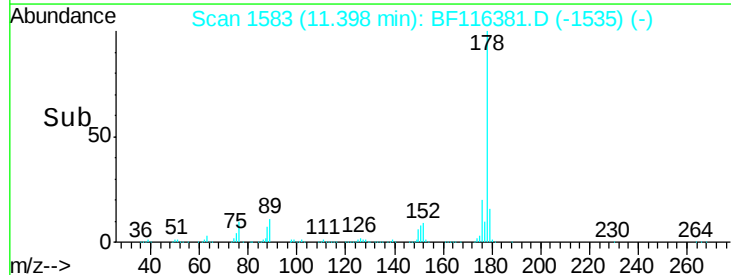
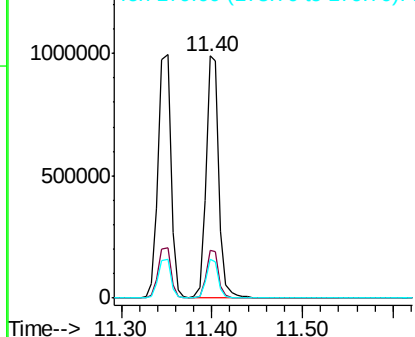


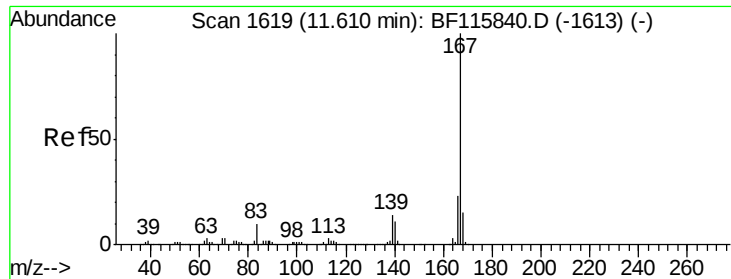
#72
Anthracene
Concen: 40.822 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.02 min
Lab File: BF116381.D
Acq: 19 Aug 2019 10:26

Tgt Ion:178 Resp: 986962
Ion Ratio Lower Upper
178 100
176 19.6 15.7 23.5
179 16.0 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

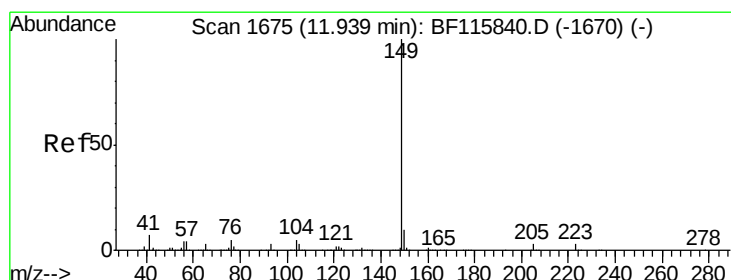
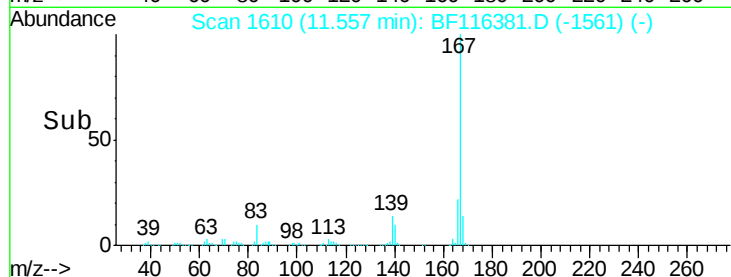
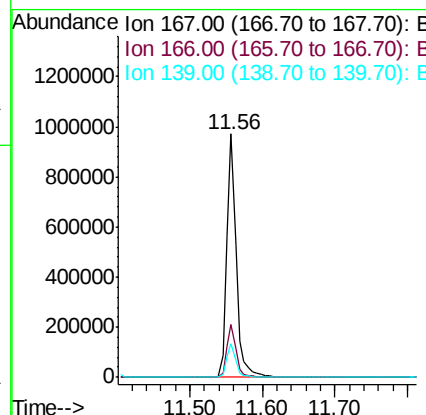
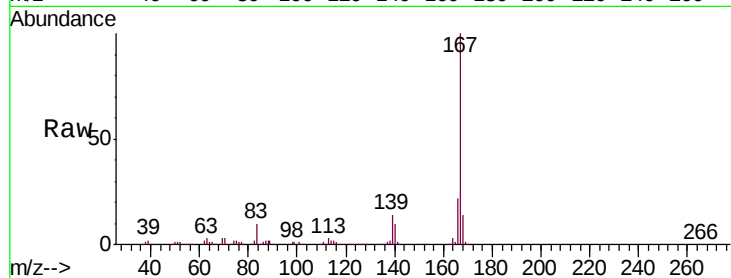




#73
 Carbazole
 Concen: 39.986 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF116381.D
 Acq: 19 Aug 2019 10:26

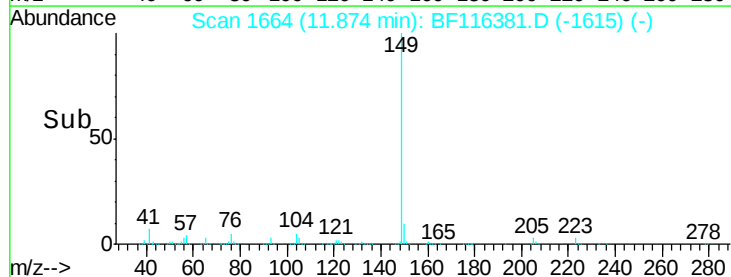
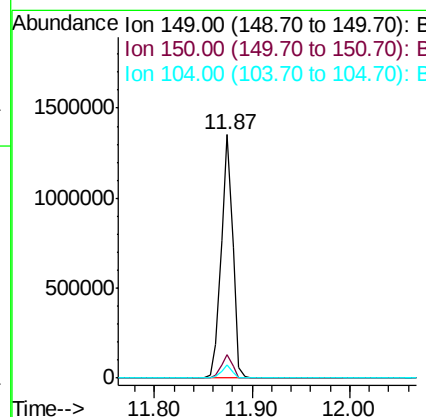
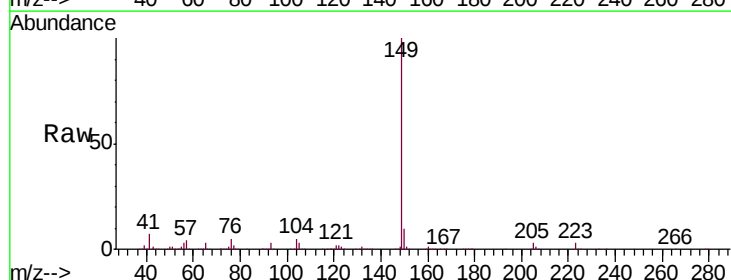
Instrument :
 BNA_F
 ClientSampleId :
 PB122335BS

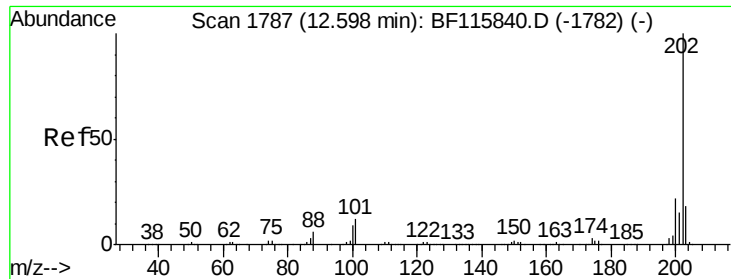
Tgt Ion:167 Resp: 877089
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.8 26.6
 139 14.0 11.4 17.0



#74
 Di-n-butylphthalate
 Concen: 43.215 ng
 RT: 11.87 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BF116381.D
 Acq: 19 Aug 2019 10:26

Tgt Ion:149 Resp: 1105776
 Ion Ratio Lower Upper
 149 100
 150 9.6 8.0 12.0
 104 5.2 4.5 6.7





#75

Fluoranthene

Concen: 39.644 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BF116381.D

Acq: 19 Aug 2019 10:26

Instrument :

BNA_F

ClientSampleId :

PB122335BS

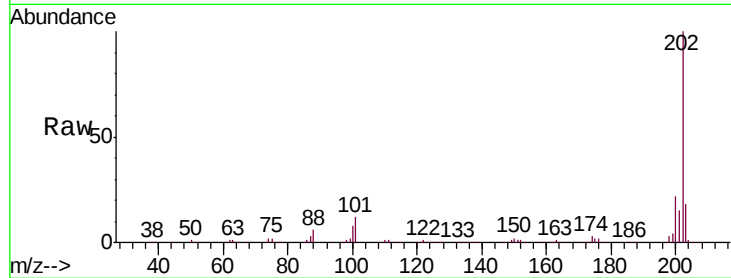
Tgt Ion: 202 Resp: 991507

Ion Ratio Lower Upper

202 100

101 11.7 0.0 31.2

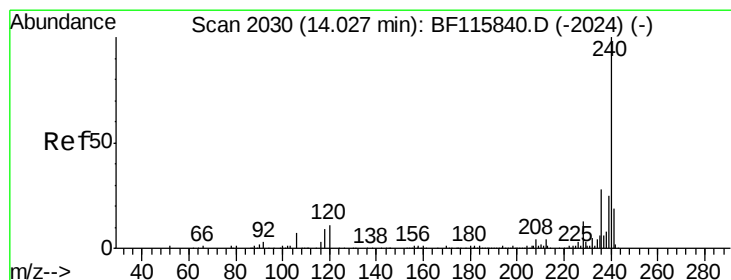
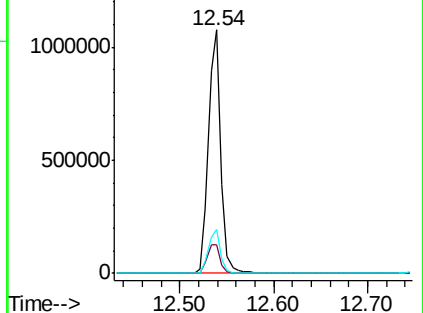
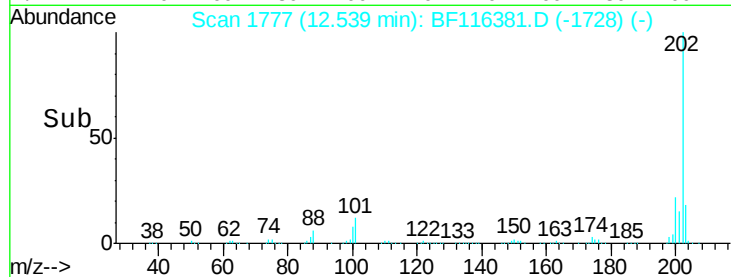
203 17.8 0.0 37.8



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: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF116381.D

Acq: 19 Aug 2019 10:26

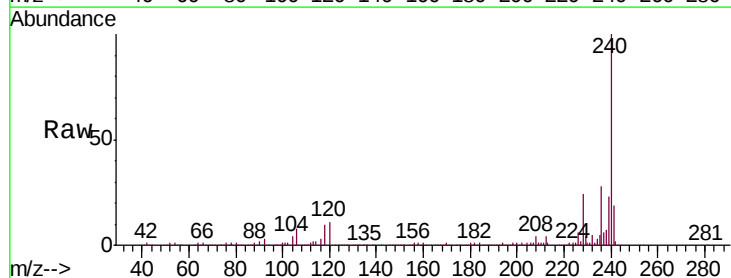
Tgt Ion: 240 Resp: 322610

Ion Ratio Lower Upper

240 100

120 11.4 10.7 16.1

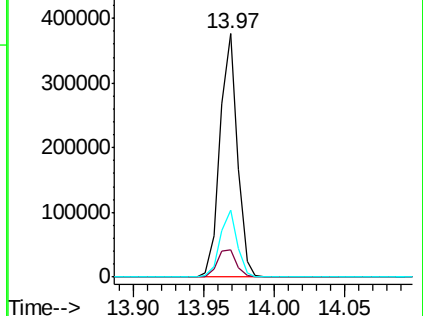
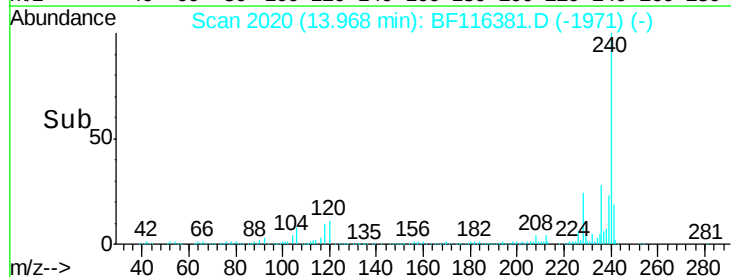
236 27.5 22.2 33.2

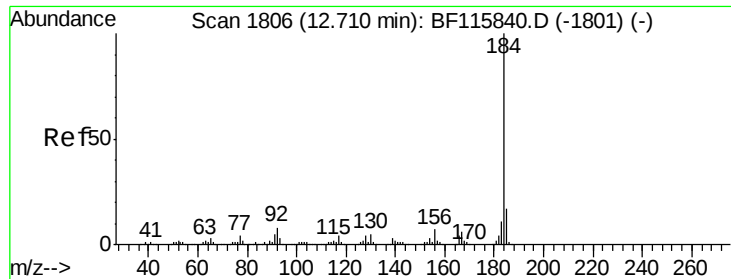


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 19.414 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.02 min

Lab File: BF116381.D

Acq: 19 Aug 2019 10:26

Instrument :

BNA_F

ClientSampleId :

PB122335BS

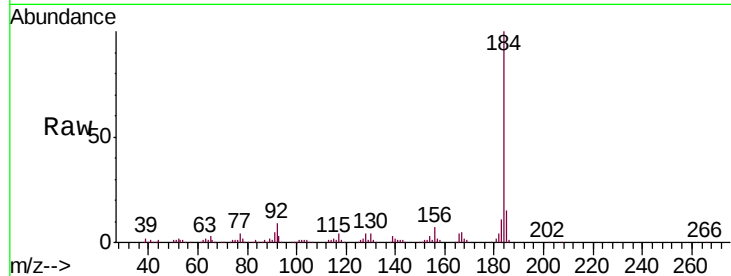
Tgt Ion:184 Resp: 211593

Ion Ratio Lower Upper

184 100

185 15.0 12.8 19.2

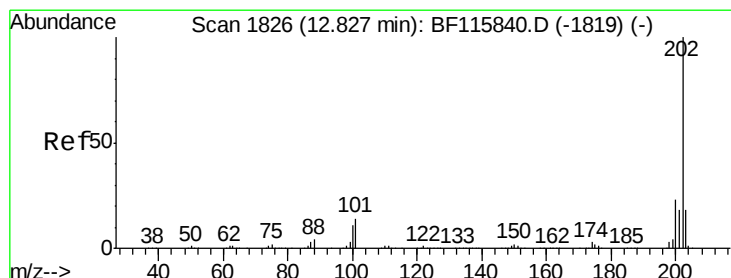
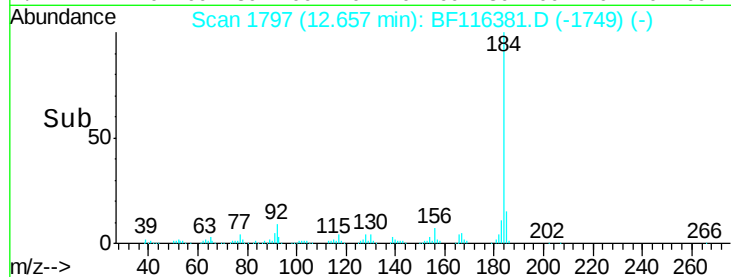
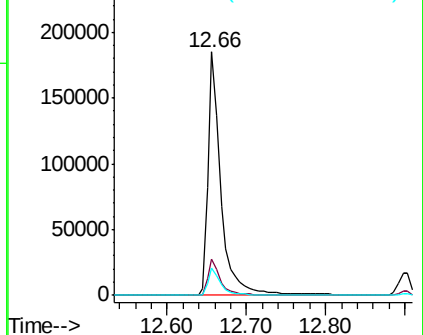
183 11.2 9.4 14.0



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: 41.460 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF116381.D

Acq: 19 Aug 2019 10:26

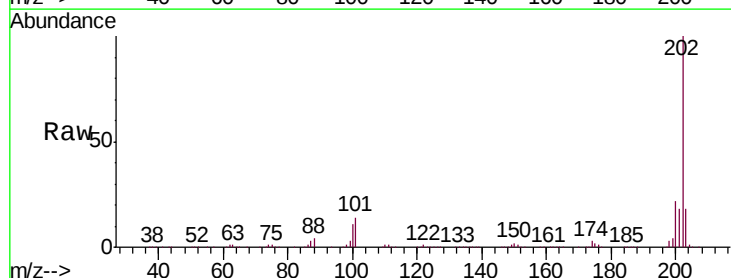
Tgt Ion:202 Resp: 1008267

Ion Ratio Lower Upper

202 100

200 22.5 18.0 27.0

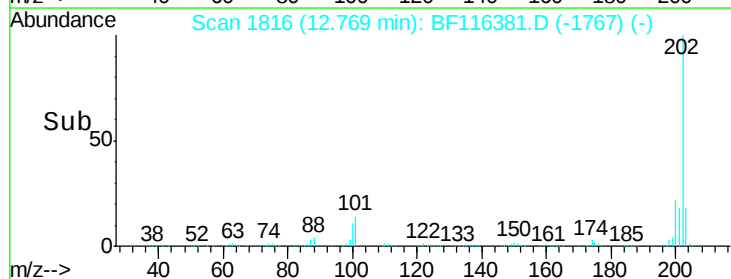
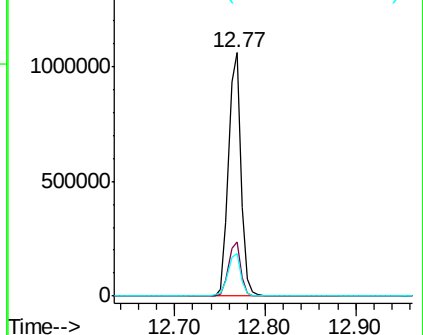
203 17.8 14.1 21.1



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: 79.855 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF116381.D

Acq: 19 Aug 2019 10:26

Instrument :

BNA_F

ClientSampleId :

PB122335BS

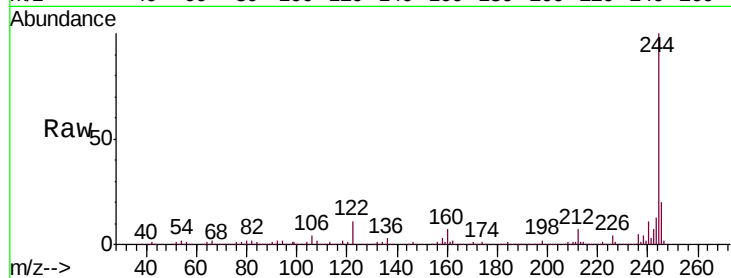
Tgt Ion:244 Resp: 1222599

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

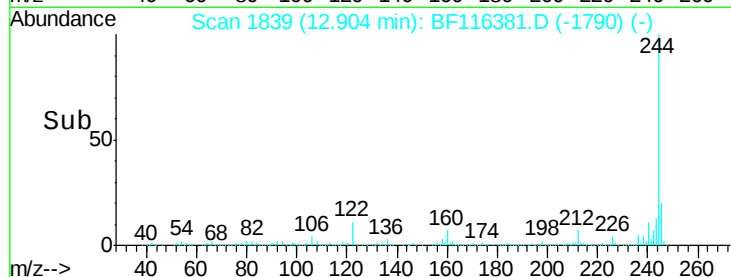
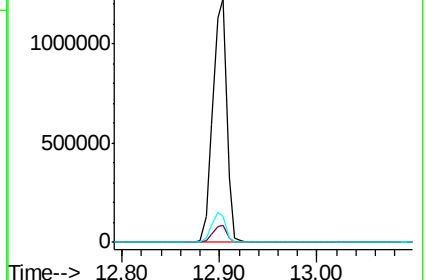
122 10.7 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.478 ng

RT: 13.37 min Scan# 1918

Delta R.T. -0.02 min

Lab File: BF116381.D

Acq: 19 Aug 2019 10:26

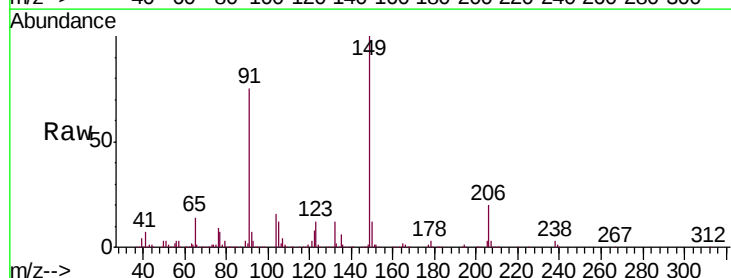
Tgt Ion:149 Resp: 447259

Ion Ratio Lower Upper

149 100

91 75.0 56.3 84.5

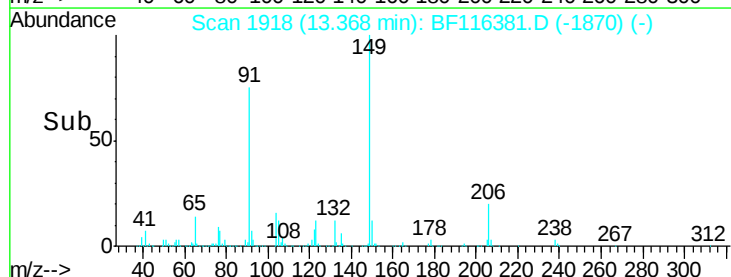
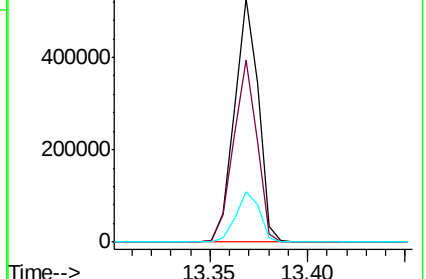
206 20.4 18.0 27.0

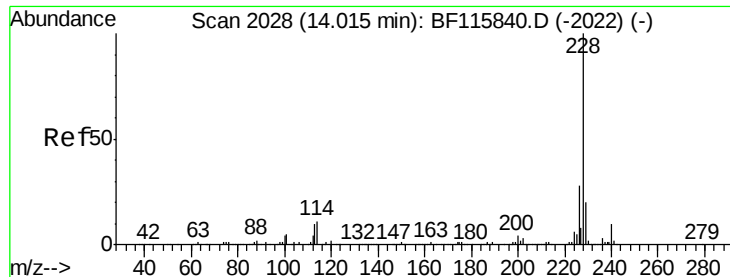


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.361 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF116381.D

Acq: 19 Aug 2019 10:26

Instrument :

BNA_F

ClientSampleId :

PB122335BS

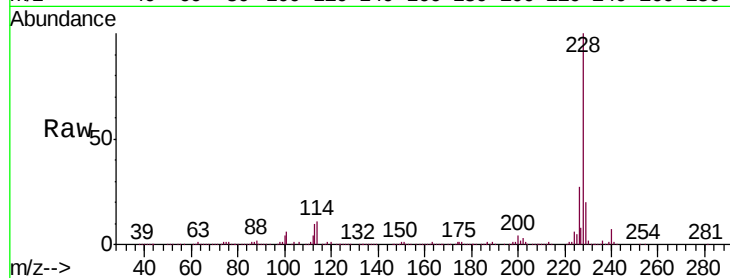
Tgt Ion:228 Resp: 811622

Ion Ratio Lower Upper

228 100

226 27.5 22.7 34.1

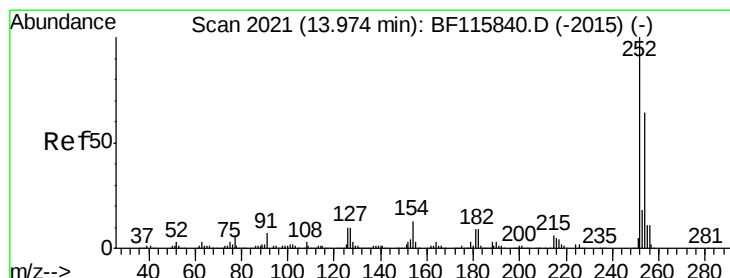
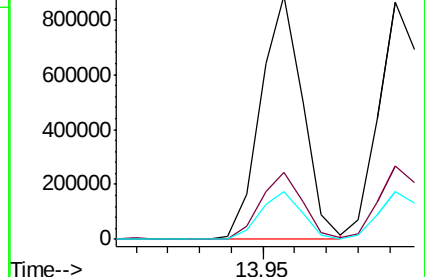
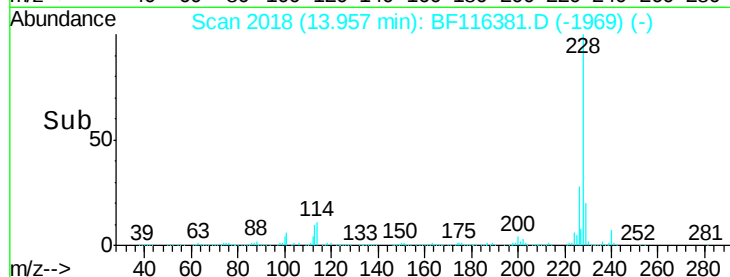
229 19.7 16.2 24.4



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: 33.696 ng

RT: 13.91 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF116381.D

Acq: 19 Aug 2019 10:26

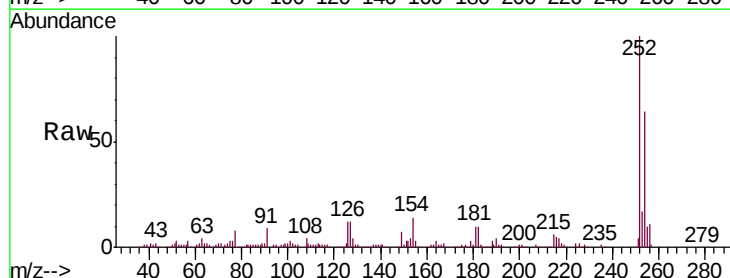
Tgt Ion:252 Resp: 241388

Ion Ratio Lower Upper

252 100

254 64.4 50.9 76.3

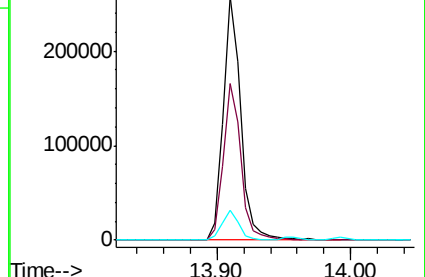
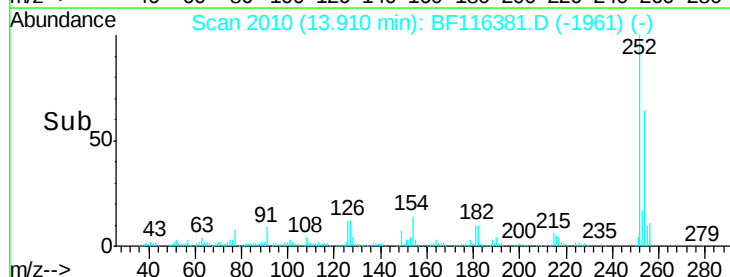
126 12.0 9.8 14.8



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: 40.123 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF116381.D

Acq: 19 Aug 2019 10:26

Instrument :

BNA_F

ClientSampleId :

PB122335BS

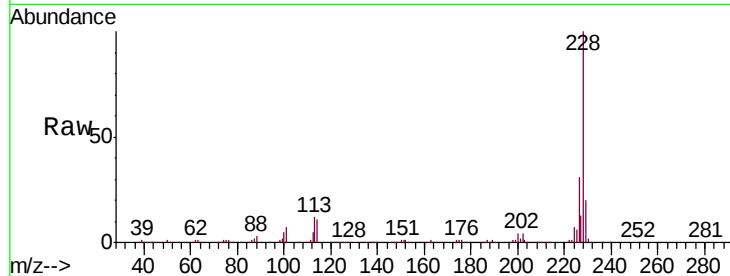
Tgt Ion:228 Resp: 803214

Ion Ratio Lower Upper

228 100

226 31.1 25.5 38.3

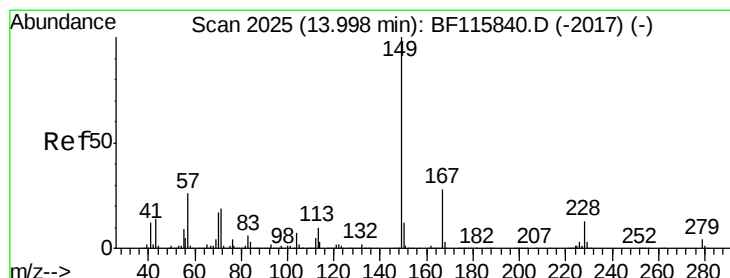
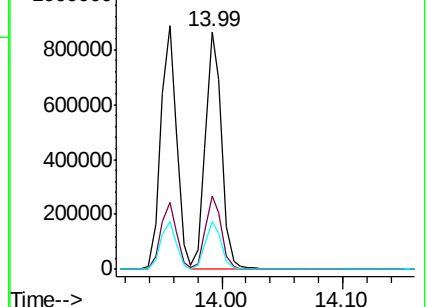
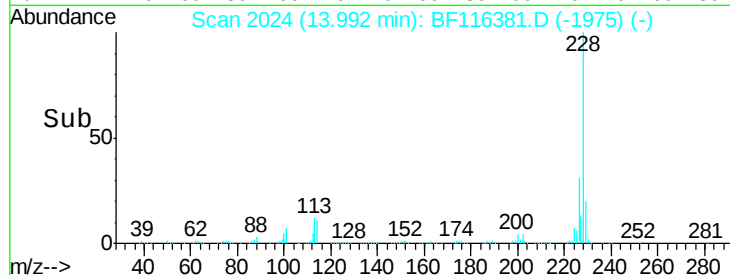
229 20.0 16.6 24.8



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.656 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF116381.D

Acq: 19 Aug 2019 10:26

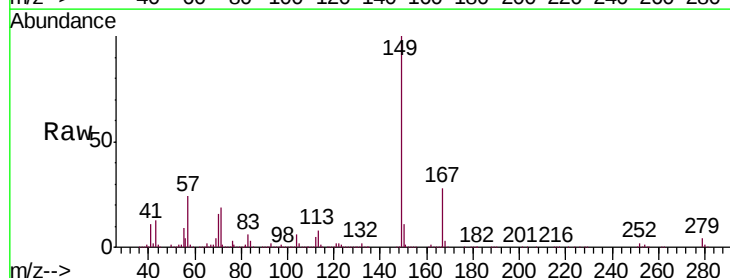
Tgt Ion:149 Resp: 623689

Ion Ratio Lower Upper

149 100

167 27.9 21.6 32.4

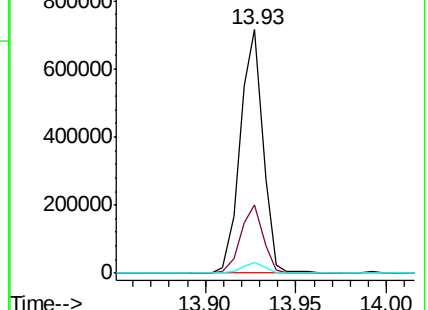
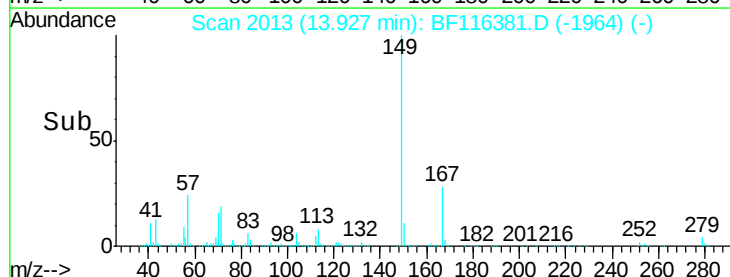
279 4.3 3.0 4.4



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

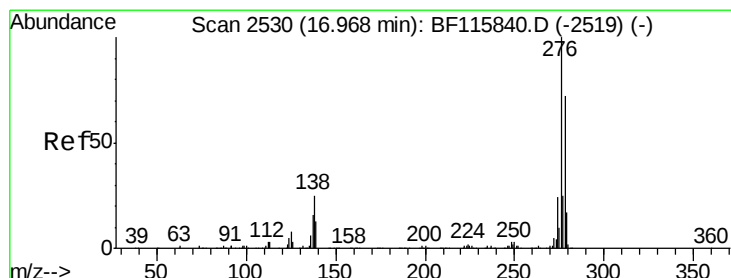
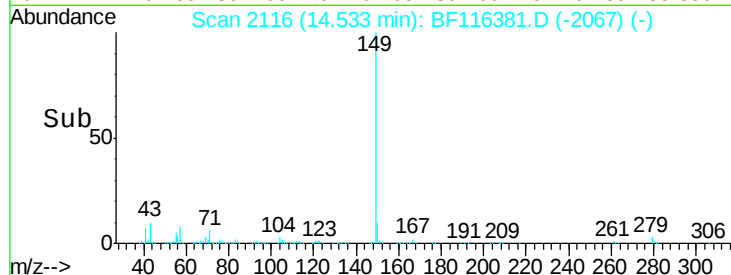
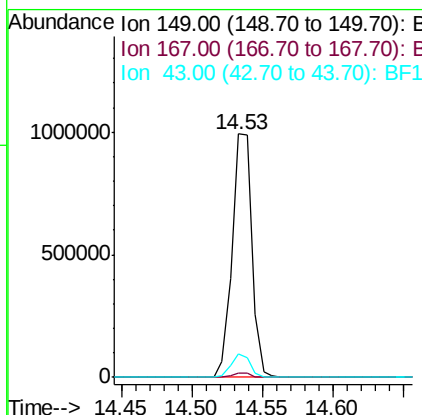
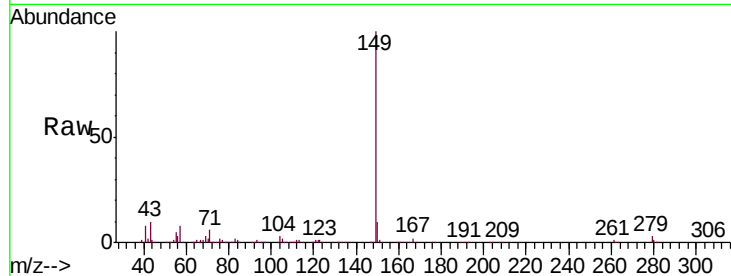




#85
Di-n-octyl phthalate
Concen: 45.750 ng
RT: 14.53 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BF116381.D
Acq: 19 Aug 2019 10:26

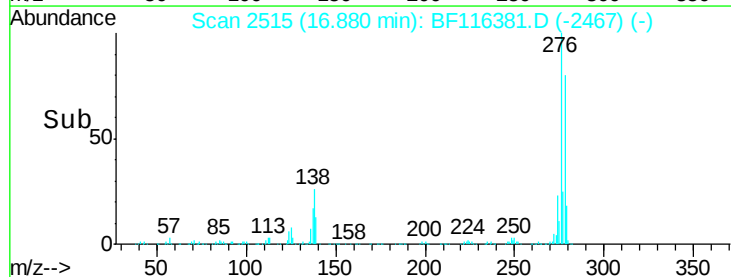
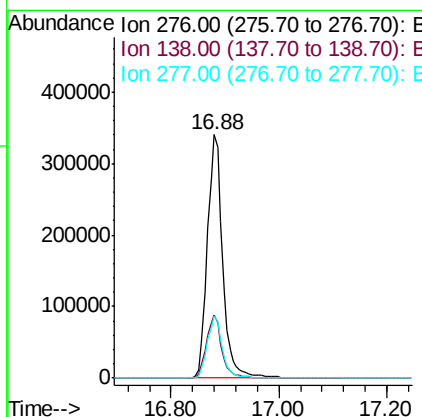
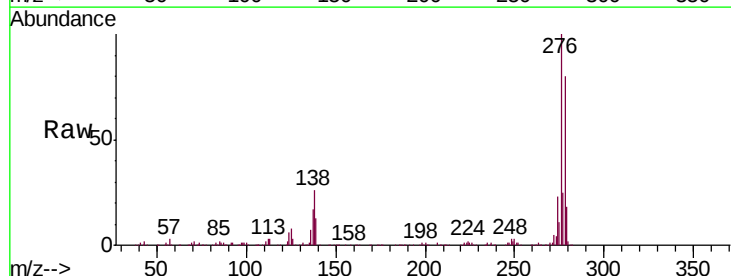
Instrument :
BNA_F
ClientSampleId :
PB122335BS

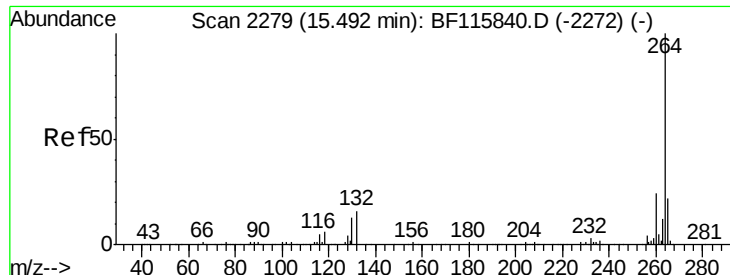
Tgt Ion:149 Resp: 971416
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 8.9 7.5 11.3



#86
Indeno(1,2,3-cd)pyrene
Concen: 39.803 ng
RT: 16.88 min Scan# 2515
Delta R.T. -0.02 min
Lab File: BF116381.D
Acq: 19 Aug 2019 10:26

Tgt Ion:276 Resp: 669238
Ion Ratio Lower Upper
276 100
138 25.9 20.4 30.6
277 24.9 20.0 30.0

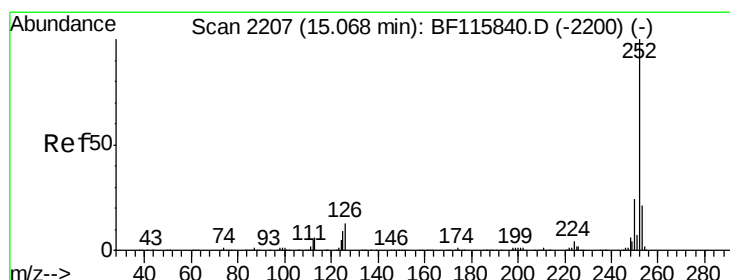
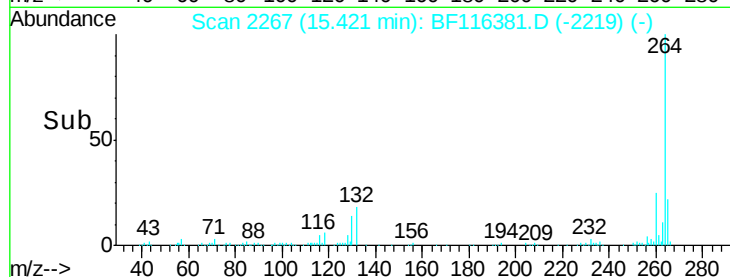
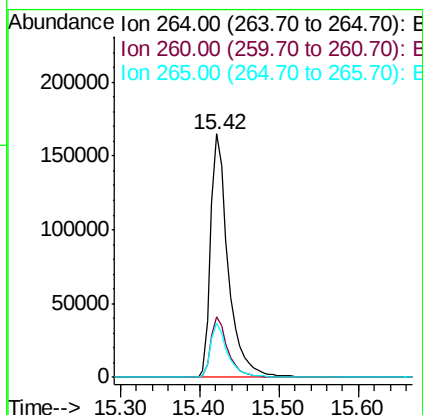
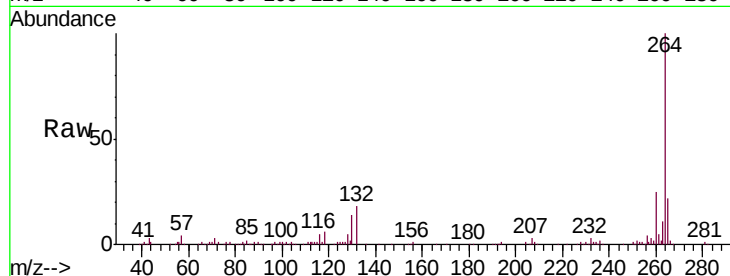




#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. -0.02 min
 Lab File: BF116381.D
 Acq: 19 Aug 2019 10:26

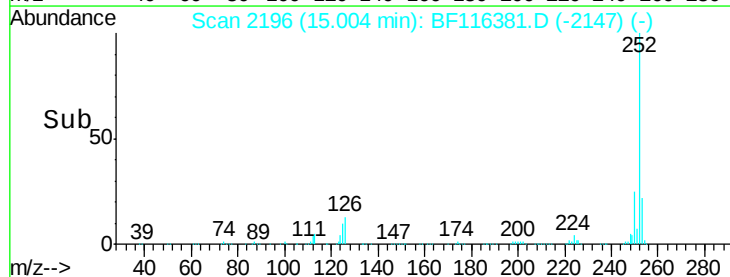
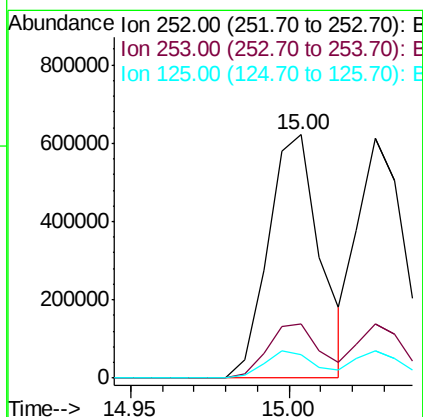
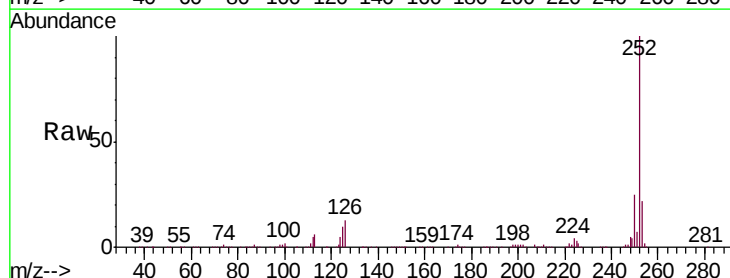
Instrument :
 BNA_F
 ClientSampleId :
 PB122335BS

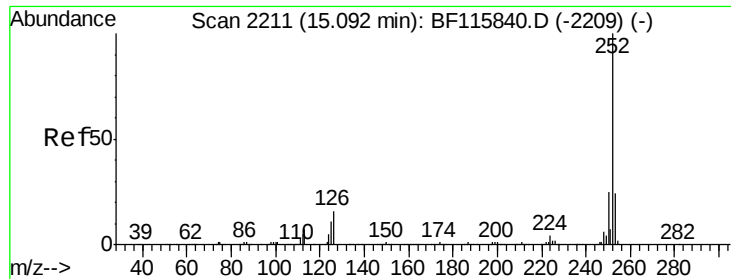
Tgt Ion: 264 Resp: 253144
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.7 29.5
 265 22.4 17.4 26.0



#88
 Benzo(b)fluoranthene
 Concen: 48.603 ng
 RT: 15.00 min Scan# 2196
 Delta R.T. -0.01 min
 Lab File: BF116381.D
 Acq: 19 Aug 2019 10:26

Tgt Ion: 252 Resp: 711404
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.8 26.8
 125 9.8 8.4 12.6

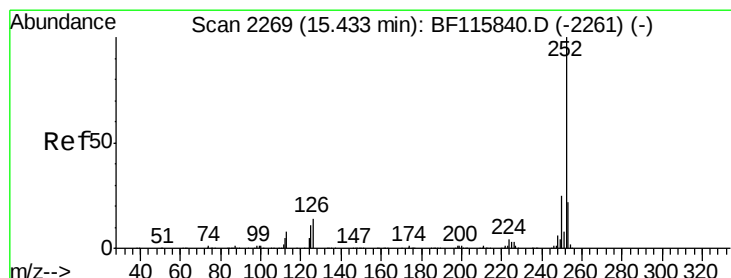
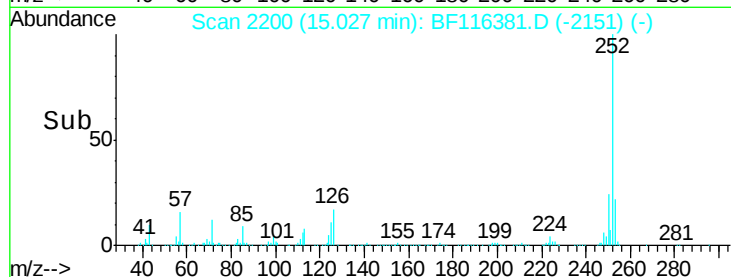
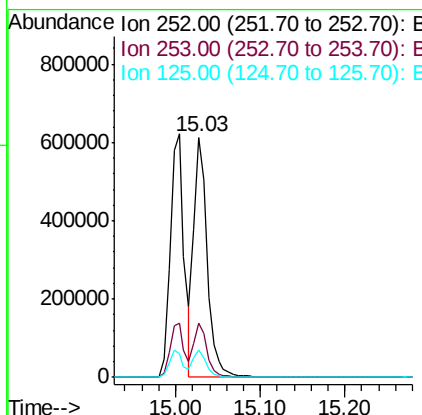
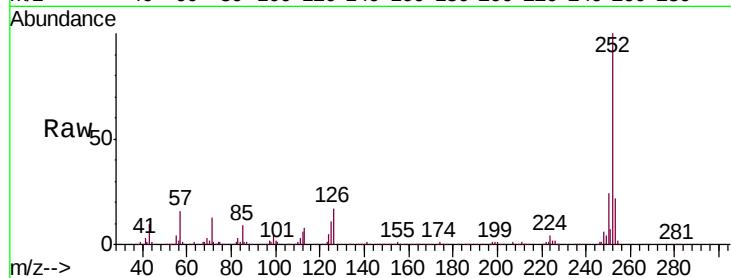




#89
Benzo(k)fluoranthene
Concen: 46.706 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF116381.D
Acq: 19 Aug 2019 10:26

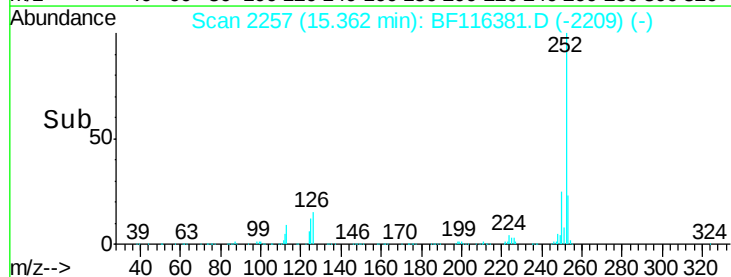
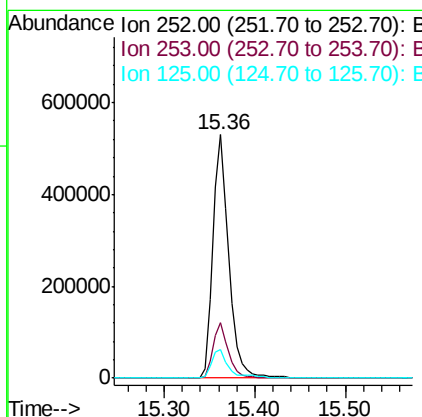
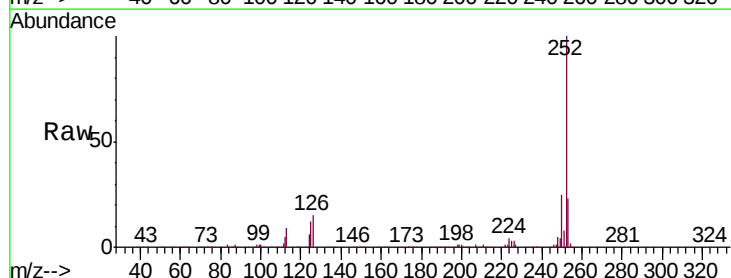
Instrument :
BNA_F
ClientSampleId :
PB122335BS

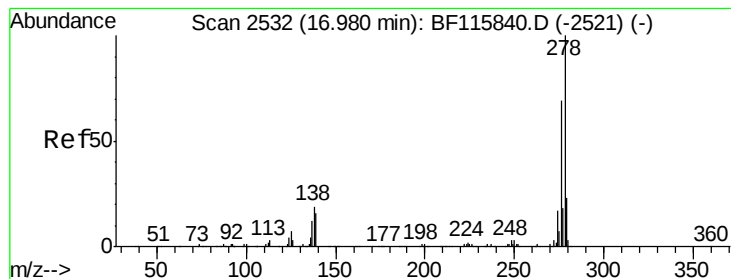
Tgt Ion:252 Resp: 665876
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 11.3 7.7 11.5



#90
Benzo(a)pyrene
Concen: 49.576 ng
RT: 15.36 min Scan# 2257
Delta R.T. -0.02 min
Lab File: BF116381.D
Acq: 19 Aug 2019 10:26

Tgt Ion:252 Resp: 648677
Ion Ratio Lower Upper
252 100
253 22.7 18.0 27.0
125 11.6 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 49.822 ng

RT: 16.88 min Scan# 2515

Delta R.T. -0.02 min

Lab File: BF116381.D

Acq: 19 Aug 2019 10:26

Instrument :

BNA_F

ClientSampleId :

PB122335BS

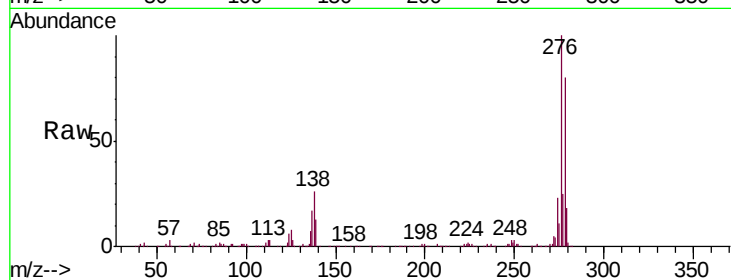
Tgt Ion:278 Resp: 564279

Ion Ratio Lower Upper

278 100

139 16.7 12.8 19.2

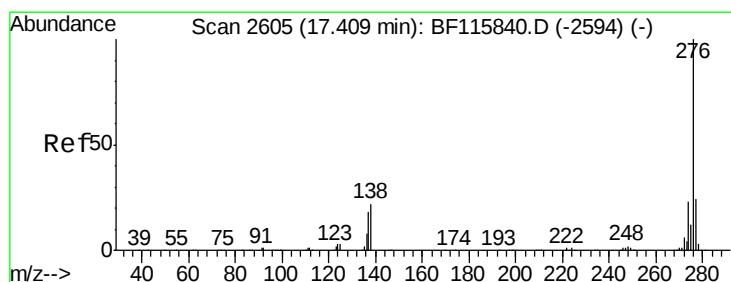
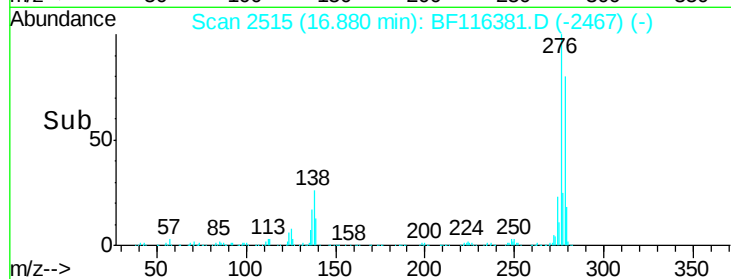
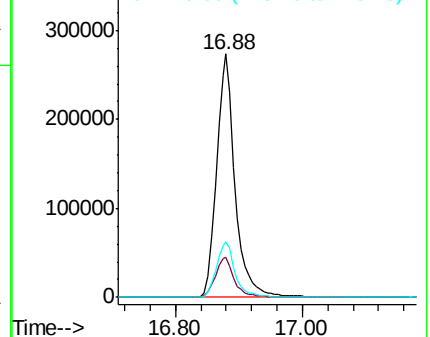
279 23.0 18.8 28.2



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: 50.309 ng

RT: 17.32 min Scan# 2589

Delta R.T. -0.02 min

Lab File: BF116381.D

Acq: 19 Aug 2019 10:26

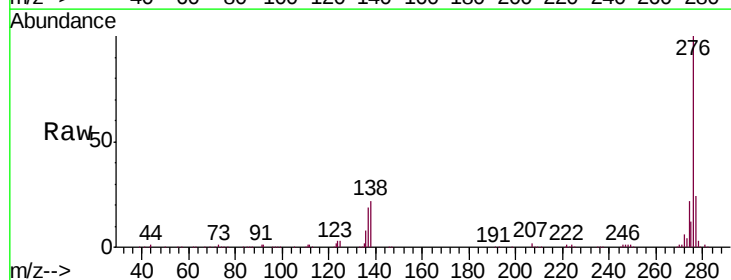
Tgt Ion:276 Resp: 559598

Ion Ratio Lower Upper

276 100

277 23.6 18.4 27.6

138 22.0 17.0 25.6



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

