

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082019\
 Data File : BF116427.D
 Acq On : 20 Aug 2019 11:44
 Operator : HP/JU
 Sample : PB122321BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122321BS

Quant Time: Aug 20 15:09:19 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	117576	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	490763	20.00	ng	-0.01
39) Acenaphthene-d10	9.84	164	257637	20.00	ng	-0.01
64) Phenanthrene-d10	11.32	188	446957	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	312924	20.00	ng	-0.01
87) Perylene-d12	15.42	264	262575	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	823037	117.19	ng	0.00
7) Phenol-d6	6.46	99	992044	111.95	ng	0.00
23) Nitrobenzene-d5	7.37	82	653498	76.86	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	273109	109.34	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	1148702	83.51	ng	-0.01
79) Terphenyl-d14	12.90	244	1244833	83.82	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	2.64	88	141314	39.828 ng	97
3) Pyridine	3.39	79	321908	32.478 ng	99
4) n-Nitrosodimethylamine	3.34	42	149736	38.282 ng	97
6) Aniline	6.47	93	364894	28.754 ng	# 54
8) 2-Chlorophenol	6.60	128	349186	44.961 ng	97
9) Benzaldehyde	6.36	77	110329	18.045 ng	98
10) Phenol	6.47	94	429245	41.135 ng	95
11) bis(2-Chloroethyl)ether	6.54	93	340600	44.396 ng	98
12) 1,3-Dichlorobenzene	6.75	146	372144	41.461 ng	99
13) 1,4-Dichlorobenzene	6.82	146	383108	42.629 ng	98
14) 1,2-Dichlorobenzene	6.97	146	350281	42.329 ng	99
15) Benzyl Alcohol	6.96	79	276422	41.105 ng	98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	433750	41.450 ng	61
17) 2-Methylphenol	7.07	107	283594	43.124 ng	# 91
18) Hexachloroethane	7.31	117	136237	41.174 ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	244445	44.517 ng	99
20) 3+4-Methylphenols	7.23	107	370802	47.648 ng	# 78
22) Acetophenone	7.22	105	484326	44.999 ng	# 93
24) Nitrobenzene	7.39	77	386969	42.153 ng	99
25) Isophorone	7.63	82	691575	42.540 ng	98
26) 2-Nitrophenol	7.71	139	188342	43.523 ng	95
27) 2,4-Dimethylphenol	7.75	122	306686	47.106 ng	96
28) bis(2-Chloroethoxy)methane	7.83	93	424310	42.109 ng	100
29) 2,4-Dichlorophenol	7.96	162	294093	42.782 ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	321318	41.006 ng	99
31) Naphthalene	8.10	128	1001019	43.345 ng	99
32) Benzoic acid	7.91	122	152010	33.117 ng	99
33) 4-Chloroaniline	8.16	127	279403	27.077 ng	98
34) Hexachlorobutadiene	8.22	225	182359	40.403 ng	99
35) Caprolactam	8.54	113	47034	21.155 ng	96
36) 4-Chloro-3-methylphenol	8.66	107	305189	42.676 ng	99
37) 2-Methylnaphthalene	8.80	142	661256	43.476 ng	99
38) 1-Methylnaphthalene	8.90	142	613350	42.627 ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	304352	44.188 ng	100

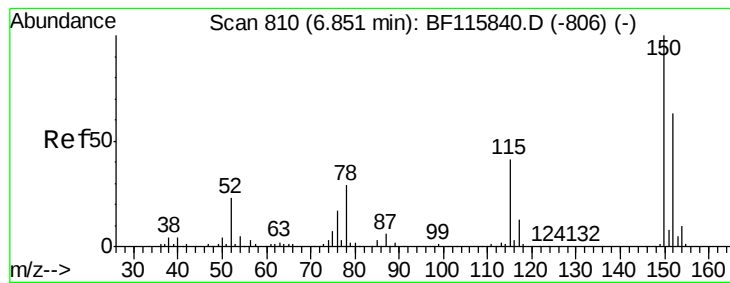
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082019\
 Data File : BF116427.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:03:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	138049	47.263	ng	98
43) 2,4,6-Trichlorophenol	9.09	196	182168	38.425	ng	100
44) 2,4,5-Trichlorophenol	9.14	196	186586	38.074	ng	96
46) 1,1'-Biphenyl	9.26	154	805467	44.283	ng	98
47) 2-Chloronaphthalene	9.29	162	628015	41.484	ng	99
48) 2-Nitroaniline	9.39	65	195549	39.079	ng	96
49) Acenaphthylene	9.70	152	930868	42.148	ng	99
50) Dimethylphthalate	9.56	163	716769	40.860	ng	100
51) 2,6-Dinitrotoluene	9.63	165	161082	42.254	ng #	81
52) Acenaphthene	9.87	154	572039	42.219	ng	100
53) 3-Nitroaniline	9.80	138	129728	27.540	ng	97
54) 2,4-Dinitrophenol	9.93	184	102092	55.324	ng	99
55) Dibenzofuran	10.05	168	799474	40.574	ng	99
56) 4-Nitrophenol	9.99	139	157721	52.268	ng	95
57) 2,4-Dinitrotoluene	10.05	165	195695	38.556	ng	92
58) Fluorene	10.39	166	658625	43.445	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	173730	42.137	ng	96
60) Diethylphthalate	10.26	149	698451	42.646	ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	334117	43.517	ng	99
62) 4-Nitroaniline	10.42	138	155394	31.921	ng	98
63) Azobenzene	10.53	77	722950	42.916	ng	99
65) 4,6-Dinitro-2-methylphenol	10.46	198	97934	41.347	ng	98
66) n-Nitrosodiphenylamine	10.50	169	583234	43.354	ng	100
67) 4-Bromophenyl-phenylether	10.86	248	198991	41.589	ng	99
68) Hexachlorobenzene	10.94	284	225496	40.757	ng	97
69) Atrazine	11.02	200	176110	39.792	ng	97
70) Pentachlorophenol	11.14	266	154085	57.364	ng	97
71) Phenanthrene	11.35	178	956675	41.869	ng	100
72) Anthracene	11.40	178	991812	42.890	ng	99
73) Carbazole	11.56	167	884659	42.167	ng	99
74) Di-n-butylphthalate	11.87	149	1108505	45.293	ng	99
75) Fluoranthene	12.54	202	1017036	42.516	ng	99
77) Benzidine	12.66	184	266289	25.188	ng	98
78) Pyrene	12.77	202	1020845	43.277	ng	100
80) Butylbenzylphthalate	13.37	149	471494	47.253	ng	96
81) Benzo(a)anthracene	13.96	228	842108	42.103	ng	99
82) 3,3'-Dichlorobenzidine	13.91	252	261228	37.594	ng	100
83) Chrysene	13.99	228	826187	42.548	ng	99
84) Bis(2-ethylhexyl)phthalate	13.93	149	649683	50.105	ng #	97
85) Di-n-octyl phthalate	14.53	149	1030532	50.037	ng	99
86) Indeno(1,2,3-cd)pyrene	16.89	276	713544	43.752	ng	100
88) Benzo(b)fluoranthene	15.00	252	753158	49.607	ng	99
89) Benzo(k)fluoranthene	15.03	252	703454	47.570	ng	98
90) Benzo(a)pyrene	15.36	252	683688	50.375	ng	99
91) Dibenzo(a,h)anthracene	16.88	278	605670	51.555	ng	99
92) Benzo(g,h,i)perylene	17.32	276	605785	52.505	ng	99

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

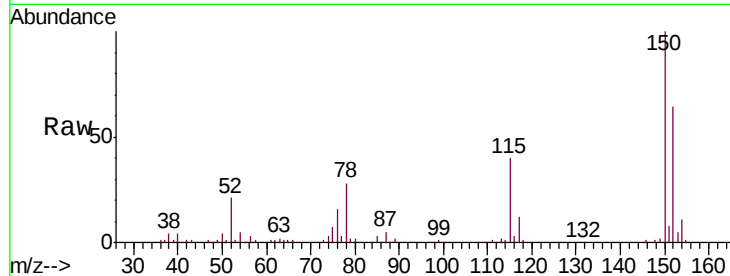


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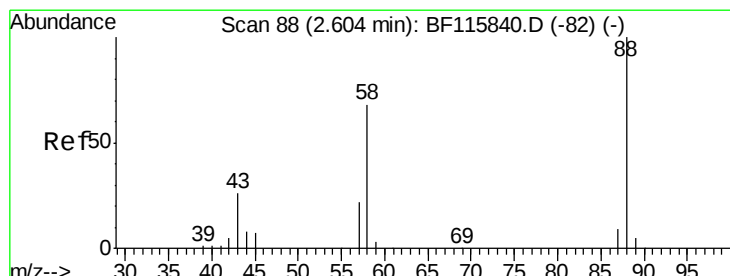
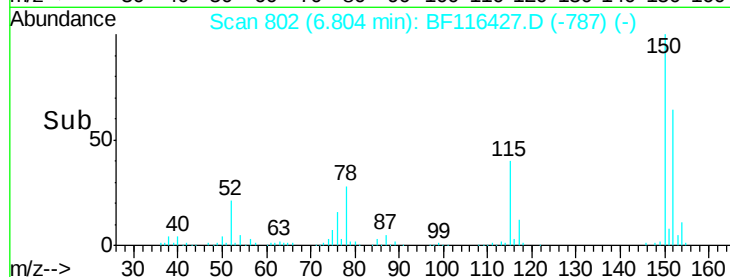
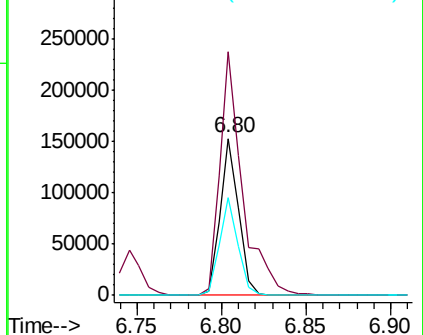
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF116427.D
Acq: 20 Aug 2019 11:44

Instrument :
BNA_F
ClientSampleId :
PB122321BS

Tgt Ion: 152 Resp: 117576
Ion Ratio Lower Upper
152 100
150 155.3 126.2 189.2
115 62.4 49.9 74.9



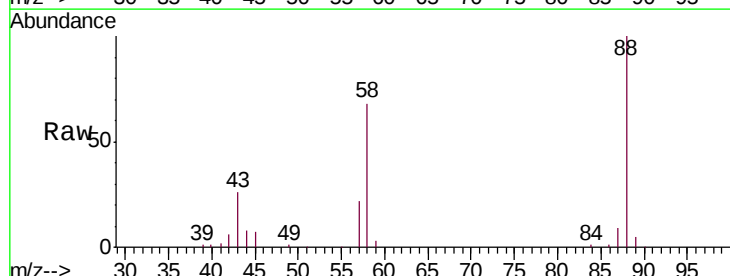
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



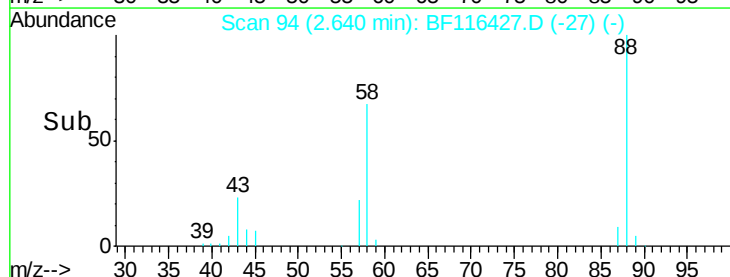
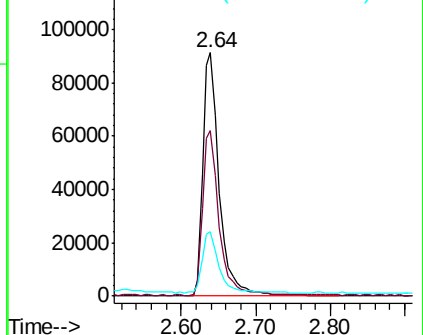
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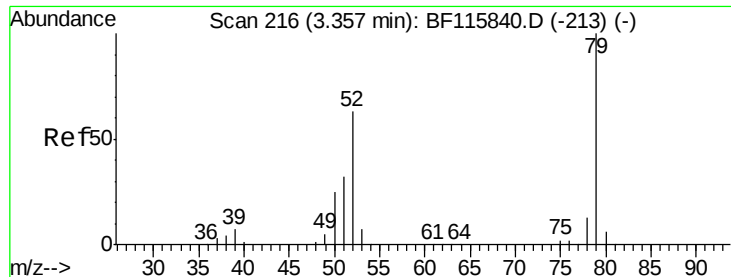
1,4-Dioxane
Concen: 39.828 ng
RT: 2.64 min Scan# 94
Delta R.T. 0.09 min
Lab File: BF116427.D
Acq: 20 Aug 2019 11:44

Tgt Ion: 88 Resp: 141314
Ion Ratio Lower Upper
88 100
58 69.7 53.7 80.5
43 25.7 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

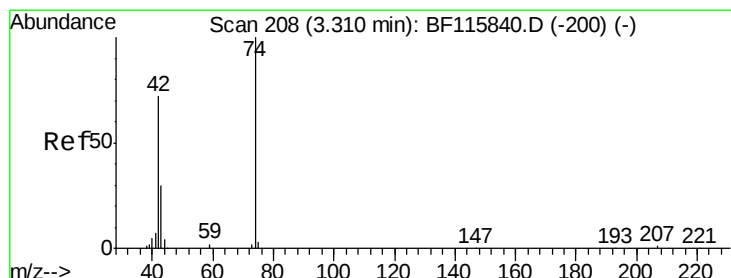
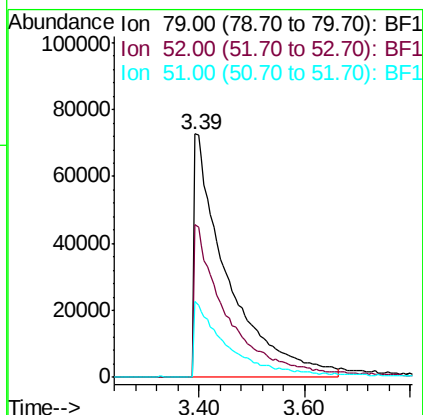
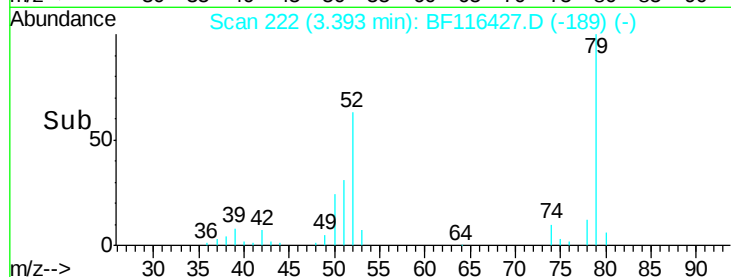
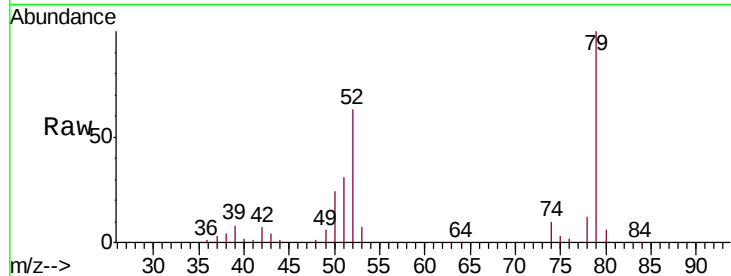




#3
 Pyridine
 Concen: 32.478 ng
 RT: 3.39 min Scan# 222
 Delta R.T. 0.09 min
 Lab File: BF116427.D
 Acq: 20 Aug 2019 11:44

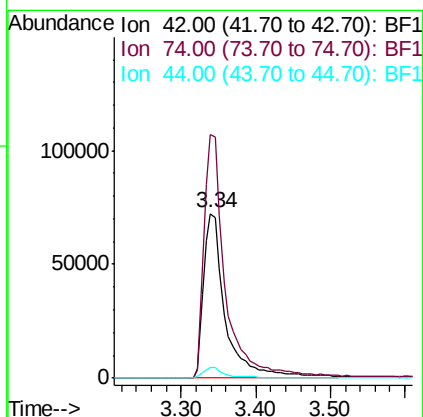
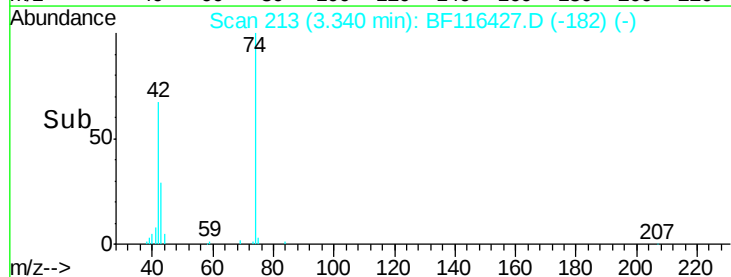
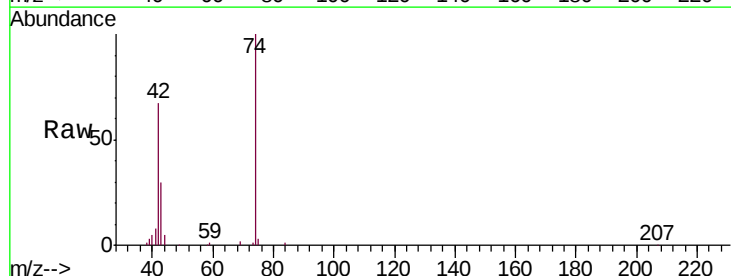
Instrument :
 BNA_F
 ClientSampleId :
 PB122321BS

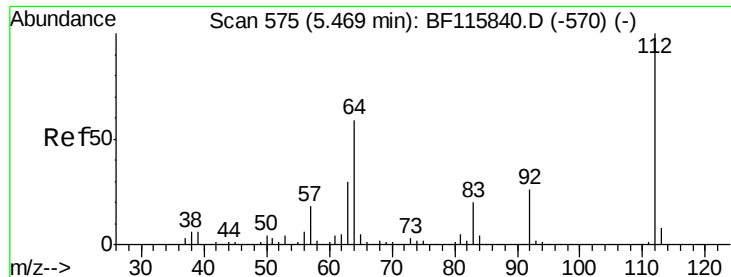
Tgt Ion: 79 Resp: 321908
 Ion Ratio Lower Upper
 79 100
 52 62.8 49.8 74.8
 51 31.1 25.2 37.8



#4
 n-Nitrosodimethylamine
 Concen: 38.282 ng
 RT: 3.34 min Scan# 213
 Delta R.T. 0.08 min
 Lab File: BF116427.D
 Acq: 20 Aug 2019 11:44

Tgt Ion: 42 Resp: 149736
 Ion Ratio Lower Upper
 42 100
 74 148.2 116.0 174.0
 44 6.8 4.6 7.0

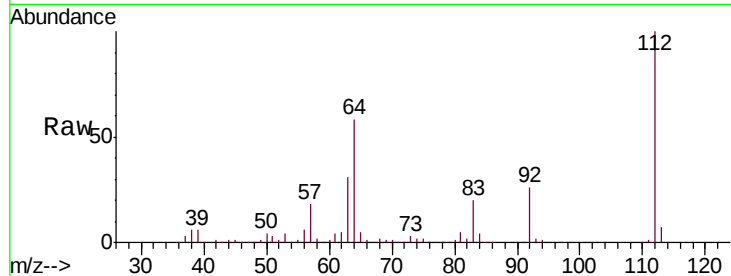




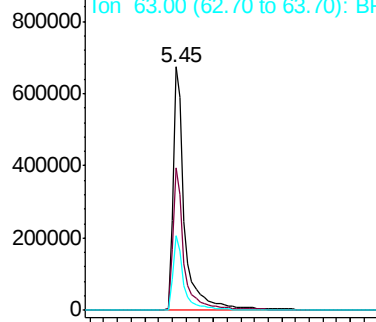
#5
 2-Fluorophenol
 Concen: 117.185 ng
 RT: 5.45 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: BF116427.D
 Acq: 20 Aug 2019 11:44

Instrument :
 BNA_F
 ClientSampleId :
 PB122321BS

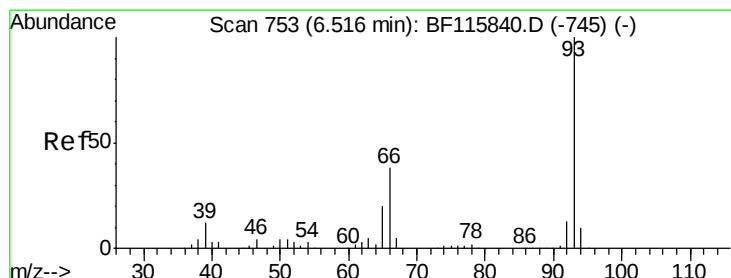
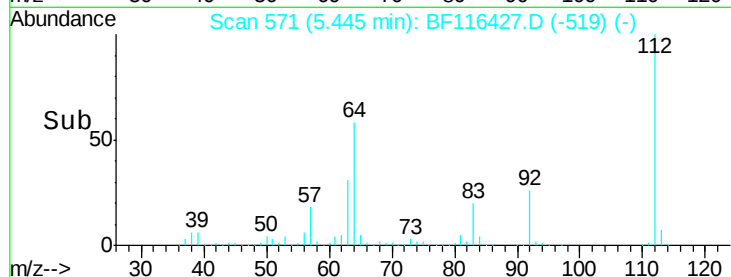
Tgt Ion: 112 Resp: 823037
 Ion Ratio Lower Upper
 112 100
 64 58.5 45.4 68.2
 63 30.8 23.7 35.5



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

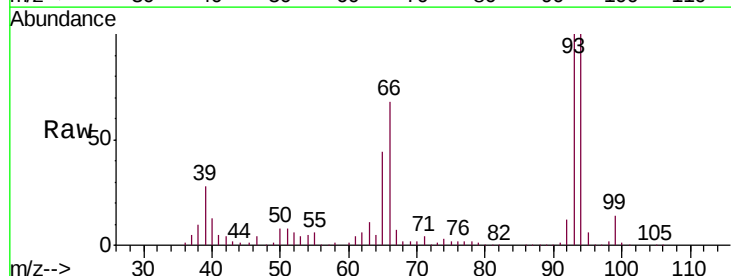


Time-->

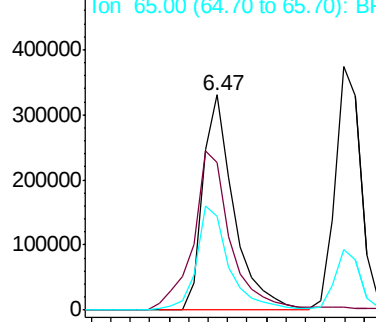


#6
 Aniline
 Concen: 28.754 ng
 RT: 6.47 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF116427.D
 Acq: 20 Aug 2019 11:44

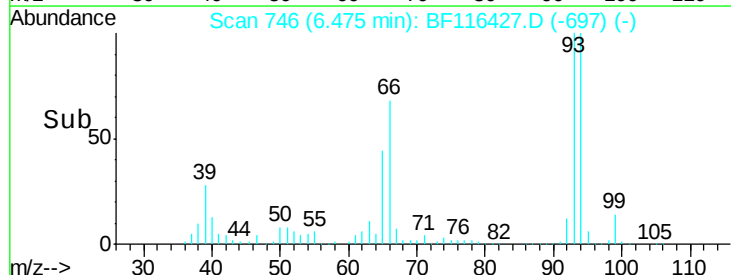
Tgt Ion: 93 Resp: 364894
 Ion Ratio Lower Upper
 93 100
 66 68.4 32.2 48.4#
 65 43.8 17.0 25.6#



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



Time-->





#7

Phenol-d6

Concen: 111.953 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF116427.D

Acq: 20 Aug 2019 11:44

Instrument :

BNA_F

ClientSampled :

PB122321BS

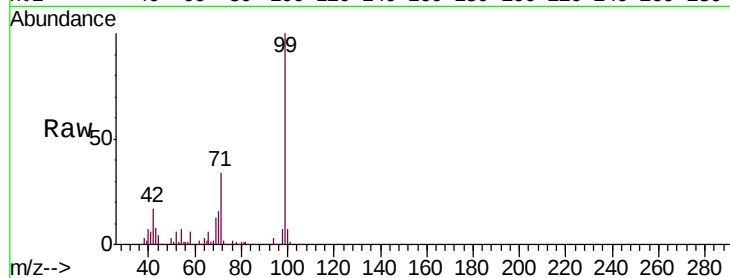
Tgt Ion: 99 Resp: 992044

Ion Ratio Lower Upper

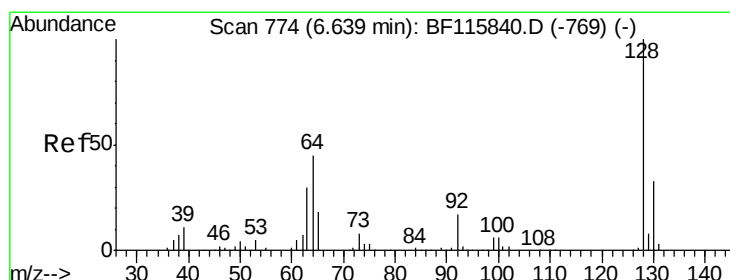
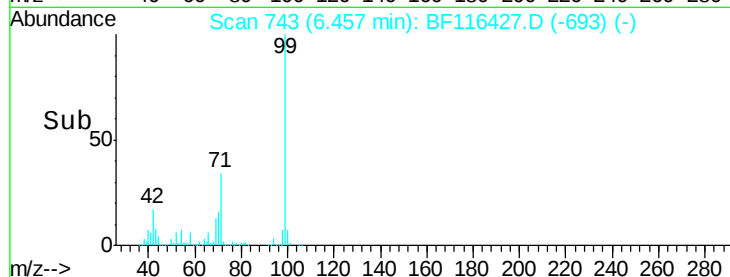
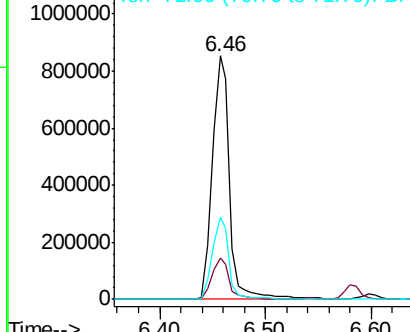
99 100

42 17.1 13.8 20.8

71 34.0 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: 44.961 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF116427.D

Acq: 20 Aug 2019 11:44

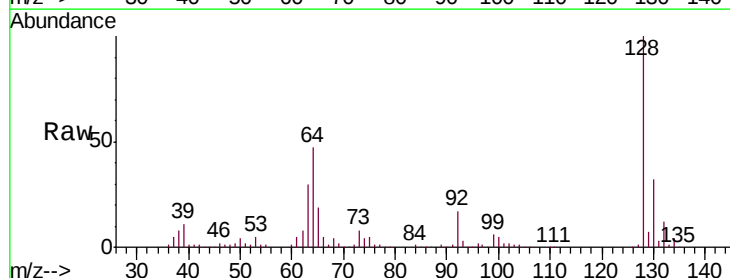
Tgt Ion: 128 Resp: 349186

Ion Ratio Lower Upper

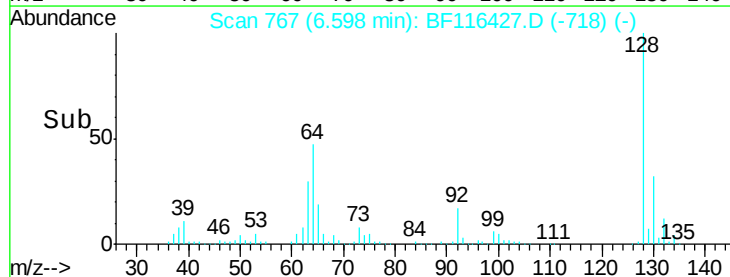
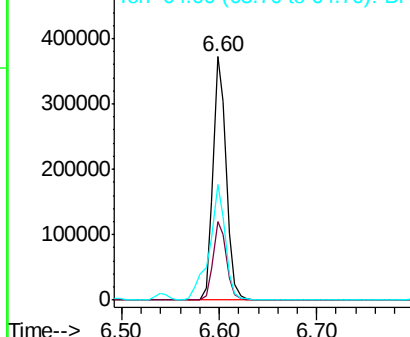
128 100

130 32.1 12.9 52.9

64 47.4 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

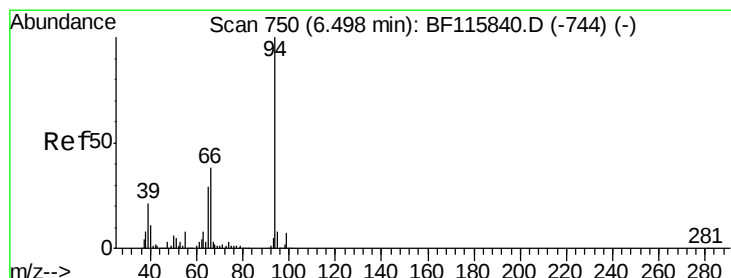
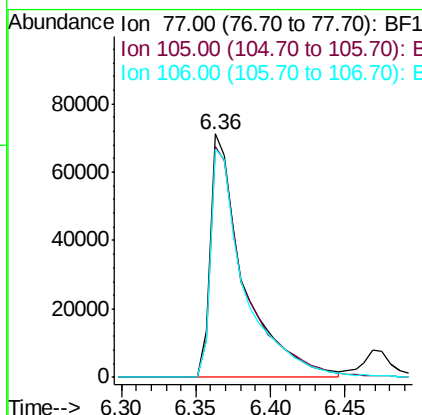
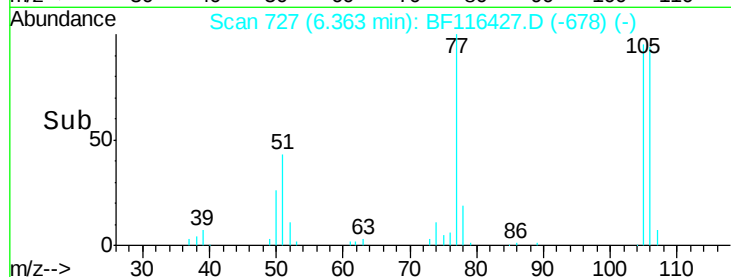
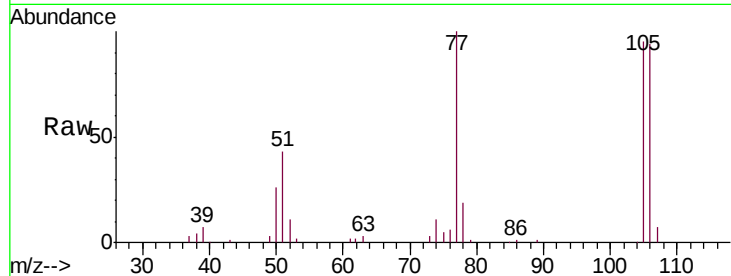




#9
Benzaldehyde
Concen: 18.045 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF116427.D
Acq: 20 Aug 2019 11:44

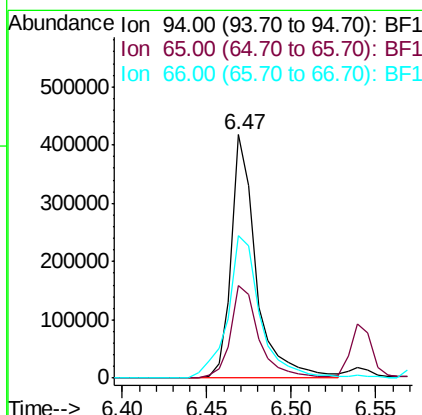
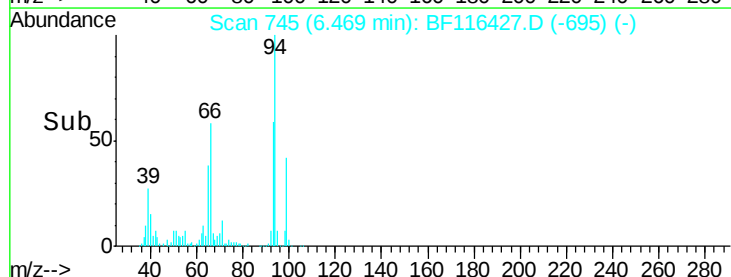
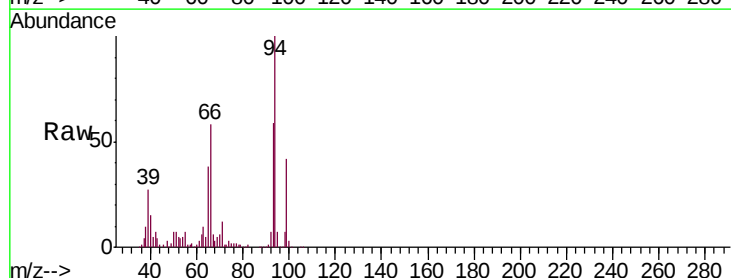
Instrument :
BNA_F
ClientSampleId :
PB122321BS

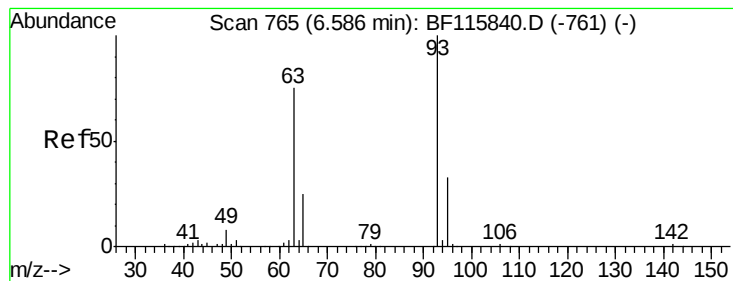
Tgt Ion: 77 Resp: 110329
Ion Ratio Lower Upper
77 100
105 94.9 79.2 119.2
106 93.7 74.3 114.3



#10
Phenol
Concen: 41.135 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF116427.D
Acq: 20 Aug 2019 11:44

Tgt Ion: 94 Resp: 429245
Ion Ratio Lower Upper
94 100
65 38.2 16.8 56.8
66 58.5 34.2 74.2





#11

bis(2-Chloroethyl)ether

Concen: 44.396 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF116427.D

Acq: 20 Aug 2019 11:44

Instrument :

BNA_F

ClientSampleId :

PB122321BS

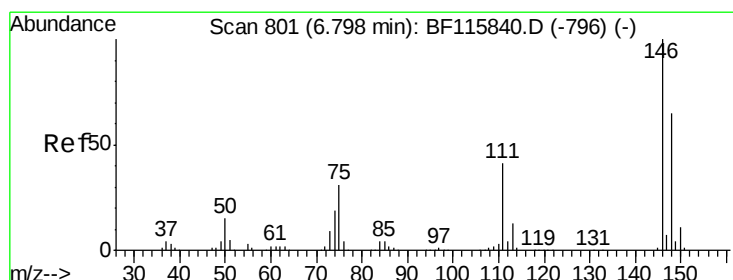
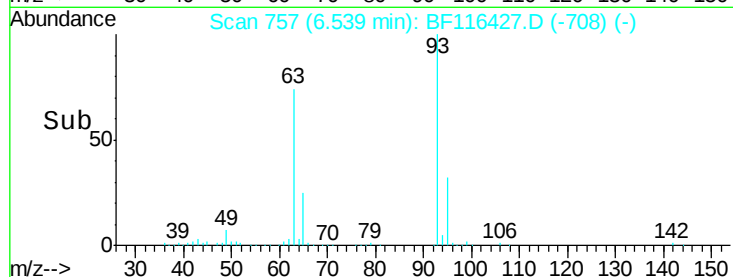
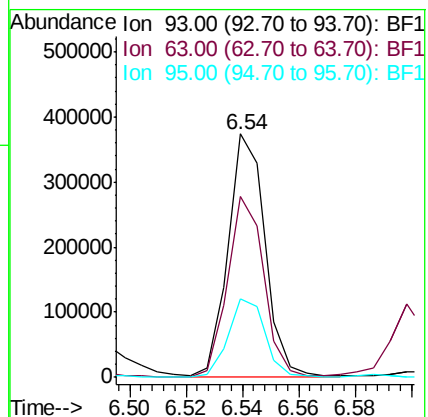
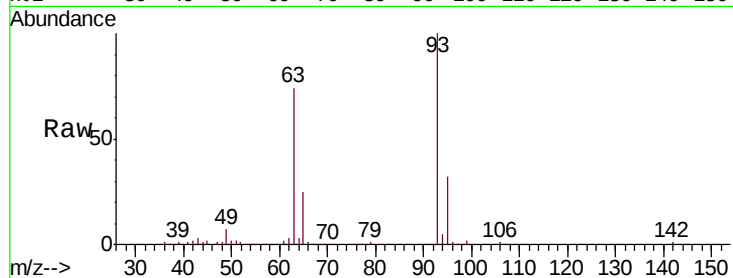
Tgt Ion: 93 Resp: 340600

Ion Ratio Lower Upper

93 100

63 74.1 51.9 91.9

95 32.1 13.0 53.0



#12

1,3-Dichlorobenzene

Concen: 41.461 ng

RT: 6.75 min Scan# 792

Delta R.T. -0.01 min

Lab File: BF116427.D

Acq: 20 Aug 2019 11:44

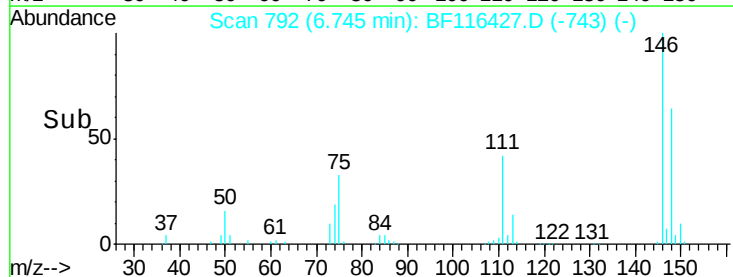
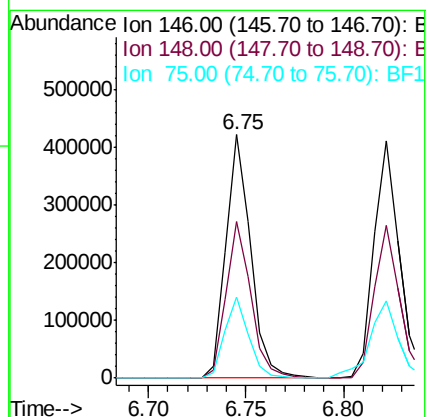
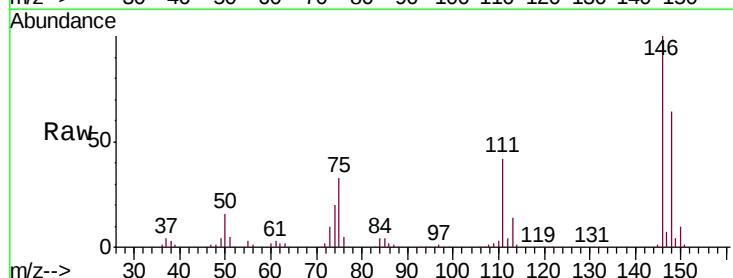
Tgt Ion: 146 Resp: 372144

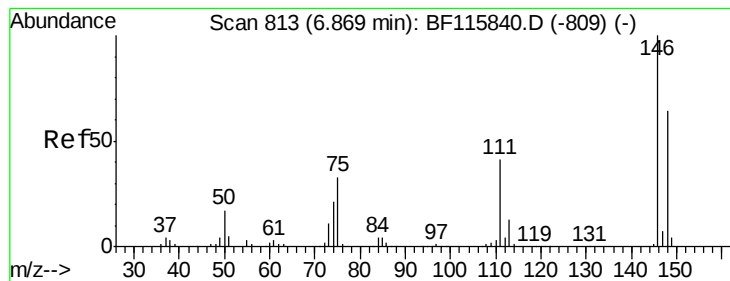
Ion Ratio Lower Upper

146 100

148 64.3 51.3 76.9

75 33.1 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 42.629 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF116427.D

Acq: 20 Aug 2019 11:44

Instrument :

BNA_F

ClientSampleId :

PB122321BS

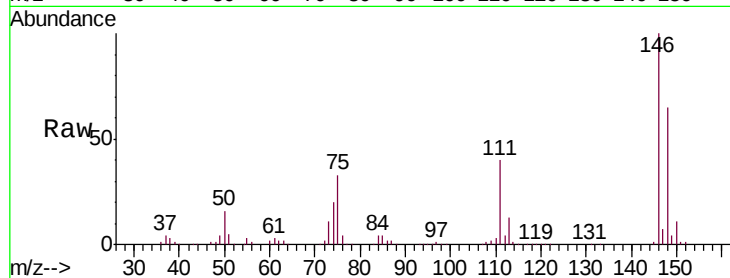
Tgt Ion:146 Resp: 383108

Ion Ratio Lower Upper

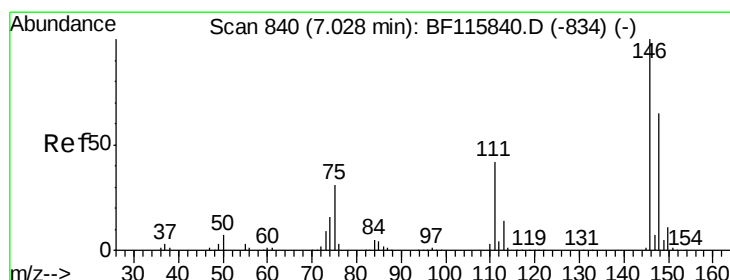
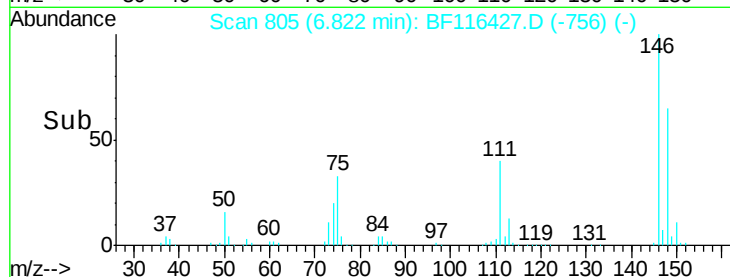
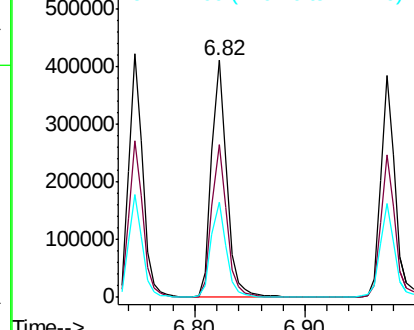
146 100

148 64.6 51.3 76.9

111 40.4 34.0 51.0



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



#14

1,2-Dichlorobenzene

Concen: 42.329 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF116427.D

Acq: 20 Aug 2019 11:44

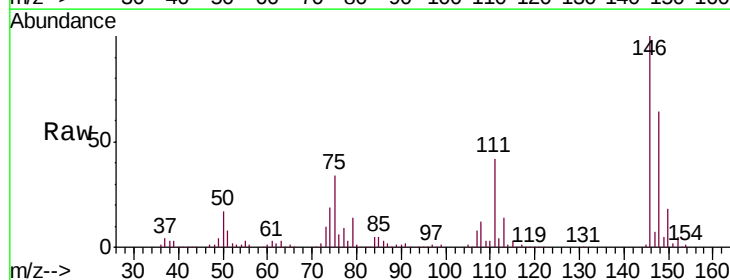
Tgt Ion:146 Resp: 350281

Ion Ratio Lower Upper

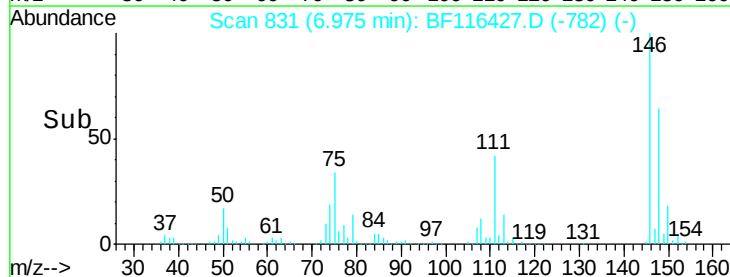
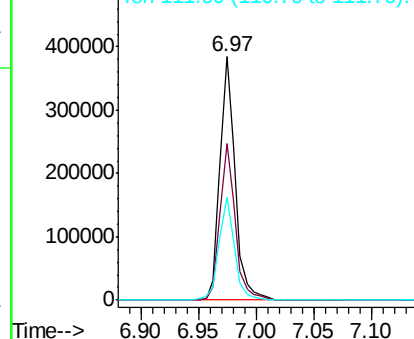
146 100

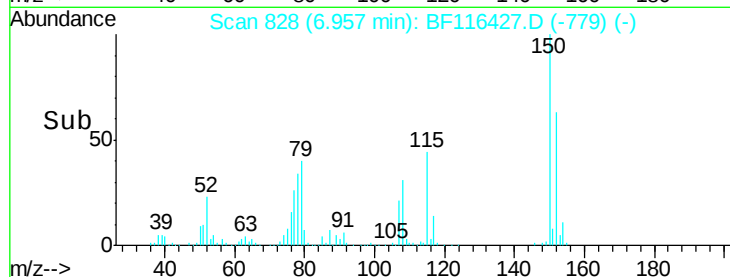
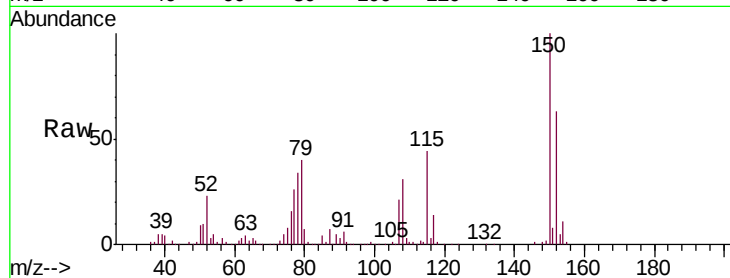
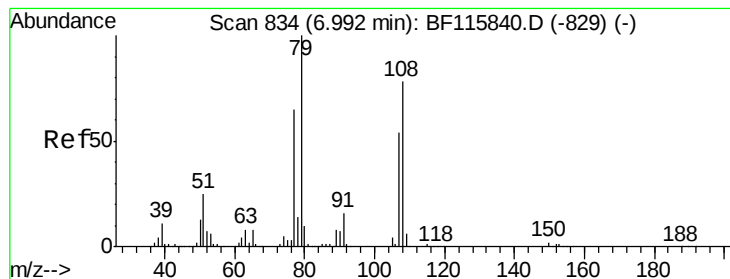
148 64.4 51.2 76.8

111 42.4 33.5 50.3



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





#15

Benzyl Alcohol

Concen: 41.105 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF116427.D

Acq: 20 Aug 2019 11:44

Instrument :

BNA_F

ClientSampleId :

PB122321BS

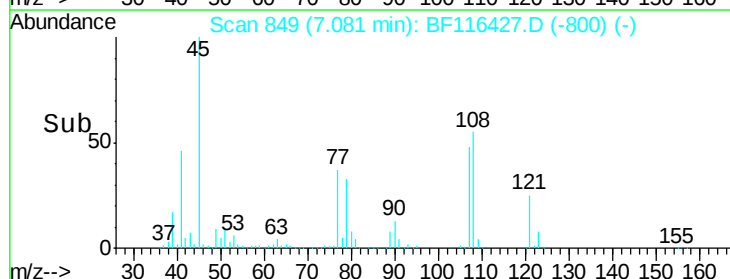
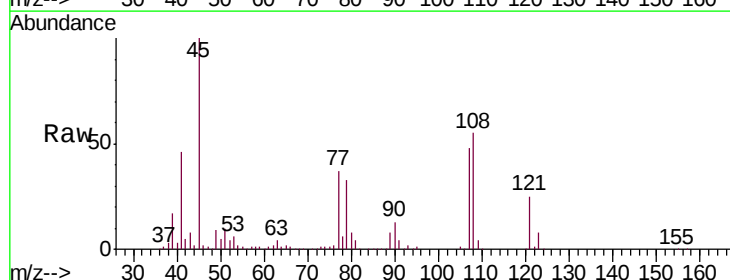
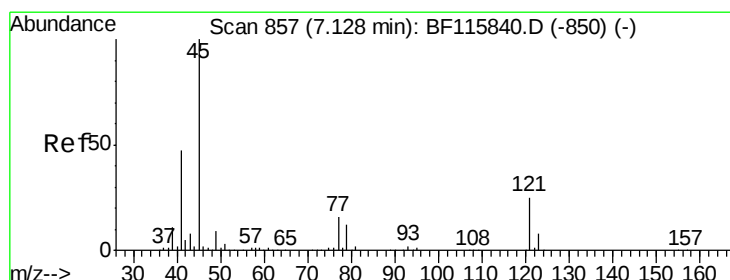
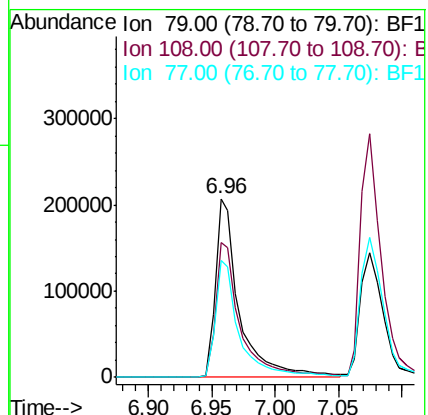
Tgt Ion: 79 Resp: 276422

Ion Ratio Lower Upper

79 100

108 75.9 62.7 94.1

77 65.7 52.2 78.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.450 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF116427.D

Acq: 20 Aug 2019 11:44

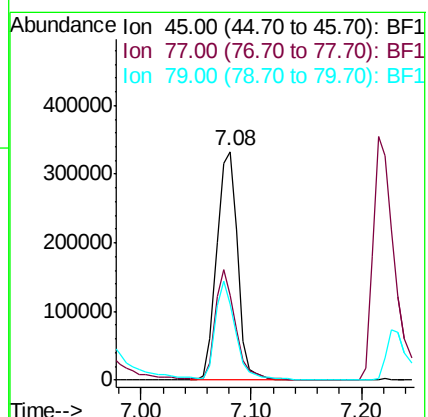
Tgt Ion: 45 Resp: 433750

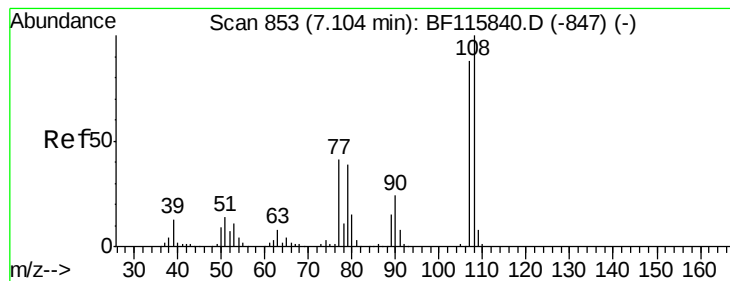
Ion Ratio Lower Upper

45 100

77 37.3 0.0 40.0

79 33.3 0.0 35.9





#17

2-Methylphenol

Concen: 43.124 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF116427.D

Acq: 20 Aug 2019 11:44

Instrument :

BNA_F

ClientSampleId :

PB122321BS

Tgt Ion:107 Resp: 283594

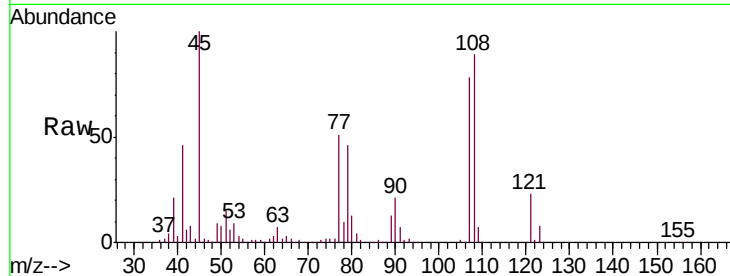
Ion Ratio Lower Upper

107 100

108 114.6 91.2 136.8

77 65.7 40.3 60.5#

79 58.4 37.6 56.4#

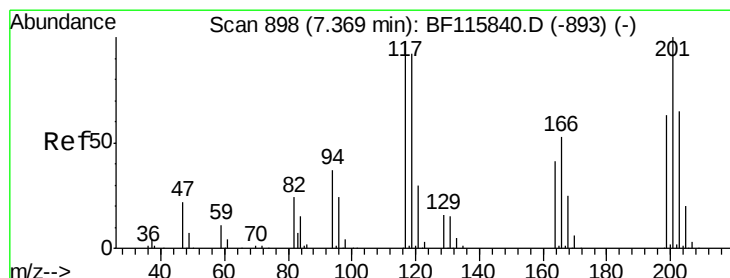
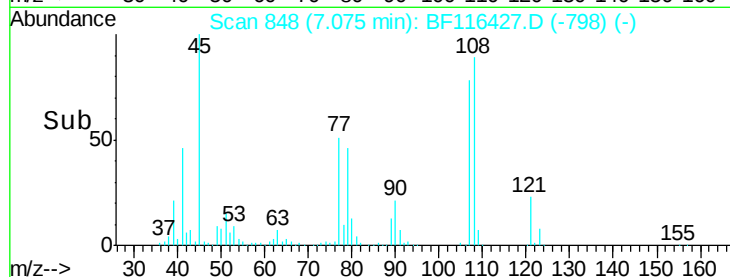
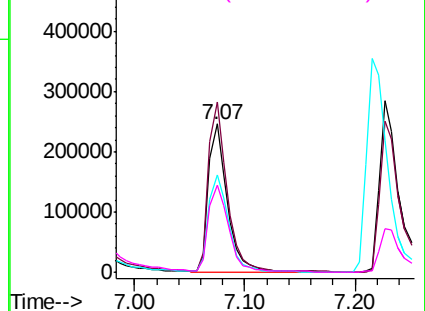


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.174 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.02 min

Lab File: BF116427.D

Acq: 20 Aug 2019 11:44

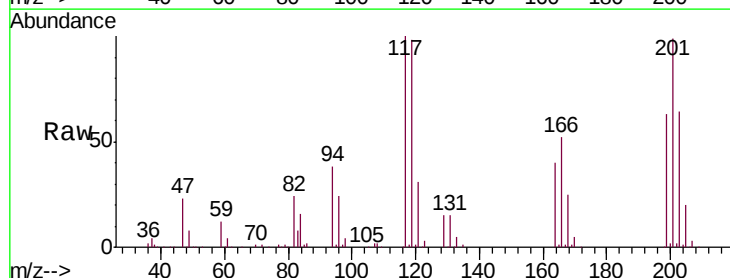
Tgt Ion:117 Resp: 136237

Ion Ratio Lower Upper

117 100

119 97.5 76.1 114.1

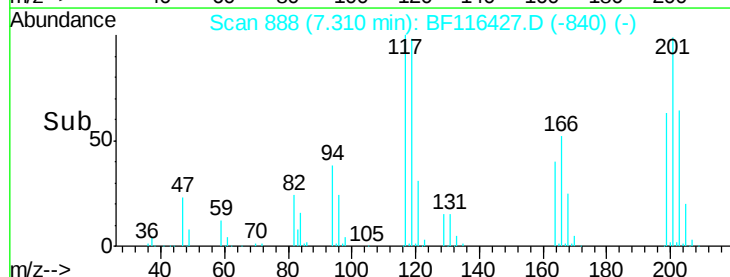
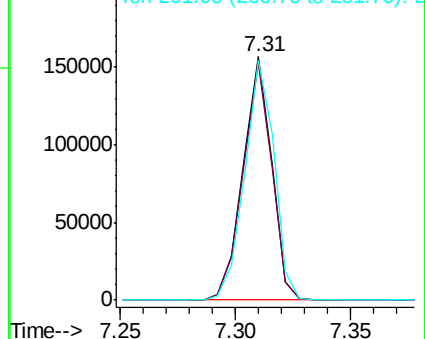
201 98.5 77.0 115.4

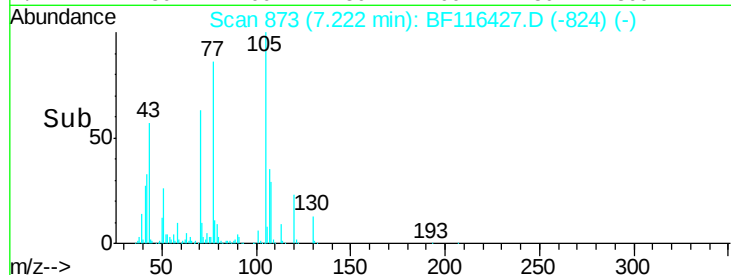
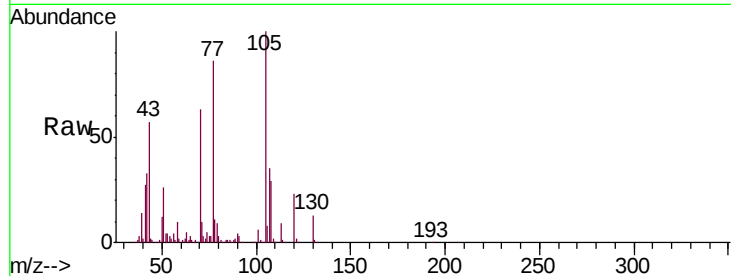


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

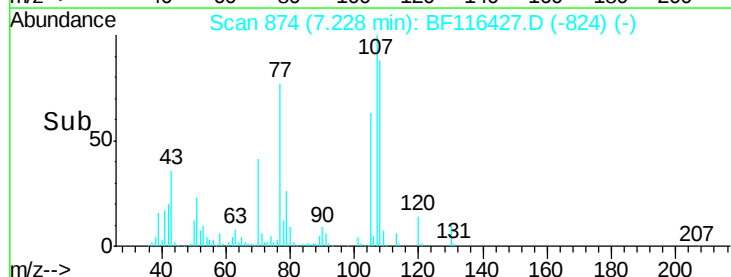
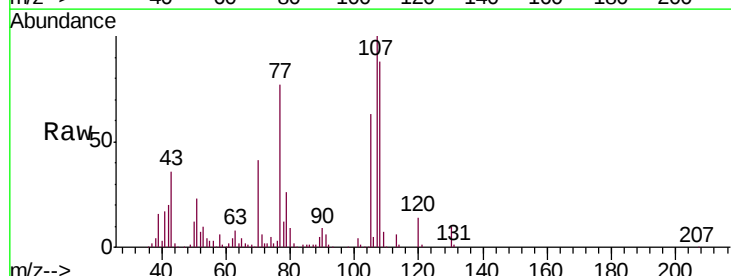
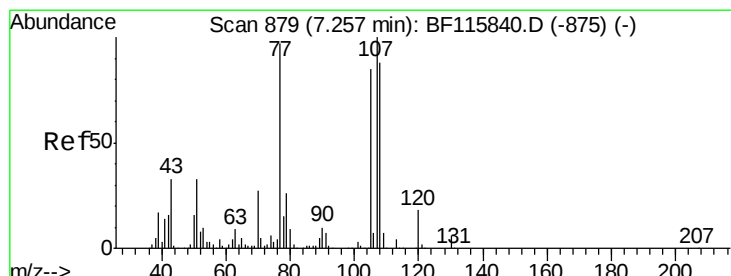
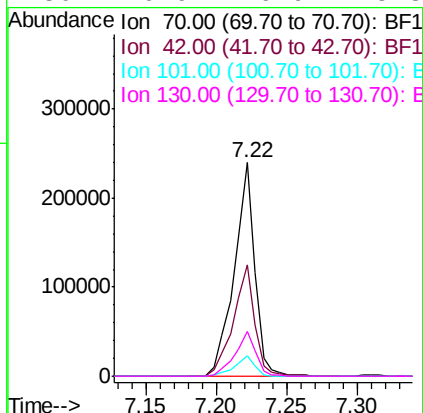




#19
n-Nitroso-di-n-propylamine
Concen: 44.517 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF116427.D
Acq: 20 Aug 2019 11:44

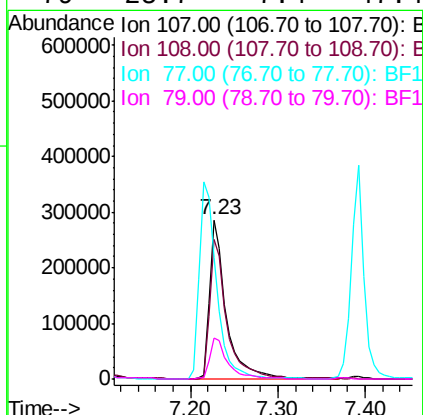
Instrument :
BNA_F
ClientSampleId :
PB122321BS

Tgt Ion:	70	Resp:	244445
Ion	Ratio	Lower	Upper
70	100		
42	52.4	40.9	61.3
101	9.3	7.9	11.9
130	20.9	16.9	25.3



#20
3+4-Methylphenols
Concen: 47.648 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF116427.D
Acq: 20 Aug 2019 11:44

Tgt Ion:	107	Resp:	370802
Ion	Ratio	Lower	Upper
107	100		
108	88.0	67.6	107.6
77	76.9	104.4	144.4#
79	25.7	7.4	47.4

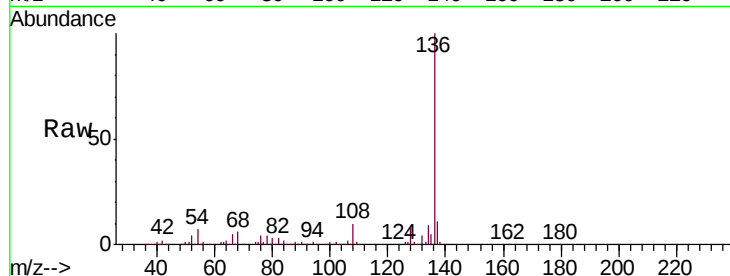




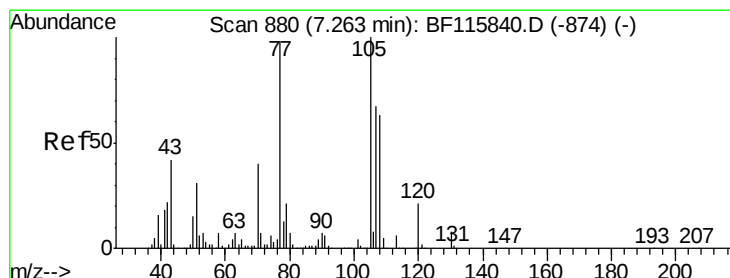
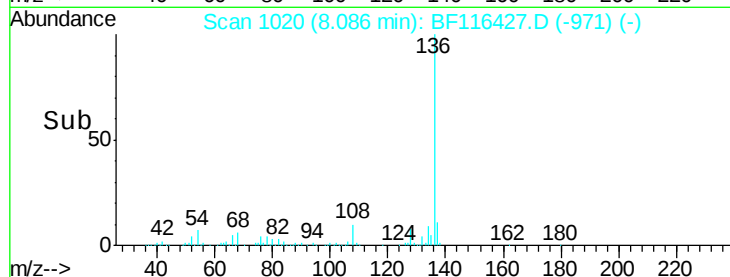
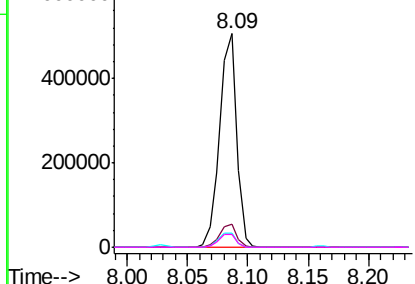
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF116427.D
Acq: 20 Aug 2019 11:44

Instrument :
BNA_F
ClientSampleId :
PB122321BS

Tgt Ion:	136	Resp:	490763
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.5	5.8	8.6
68	5.8	5.2	7.8

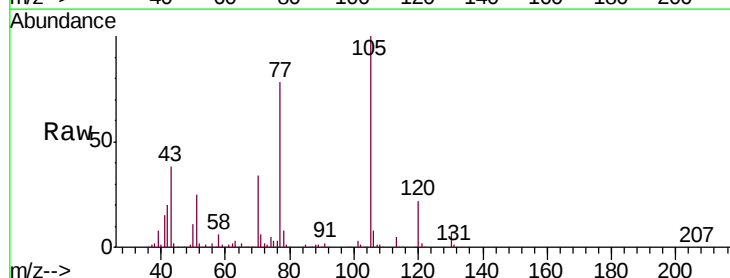


Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
600000
Ion 54.00 (53.70 to 54.70): BF1
400000
Ion 68.00 (67.70 to 68.70): BF1
200000
0

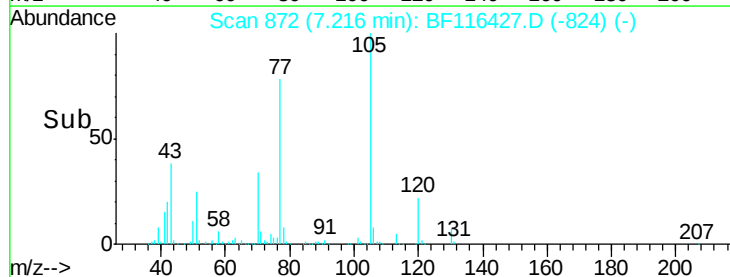
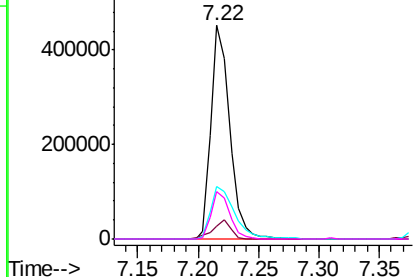


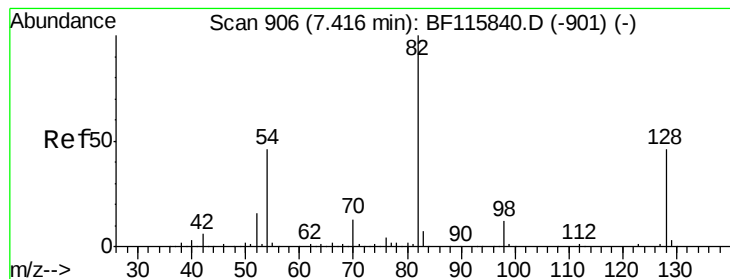
#22
Acetophenone
Concen: 44.999 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF116427.D
Acq: 20 Aug 2019 11:44

Tgt Ion:	105	Resp:	484326
Ion	Ratio	Lower	Upper
105	100		
71	6.0	5.9	8.9
51	24.6	25.3	37.9#
120	22.4	17.9	26.9



Abundance Ion 105.00 (104.70 to 105.70): E
600000
Ion 71.00 (70.70 to 71.70): BF1
400000
Ion 51.00 (50.70 to 51.70): BF1
200000
Ion 120.00 (119.70 to 120.70): E
0





#23

Nitrobenzene-d5

Concen: 76.864 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF116427.D

Acq: 20 Aug 2019 11:44

Instrument :

BNA_F

ClientSampleId :

PB122321BS

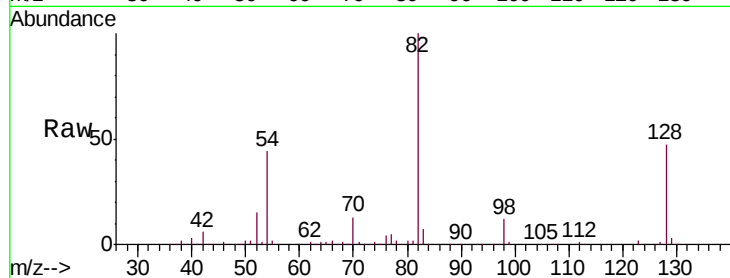
Tgt Ion: 82 Resp: 653498

Ion Ratio Lower Upper

82 100

128 46.9 36.5 54.7

54 44.4 36.0 54.0



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

7.37

600000

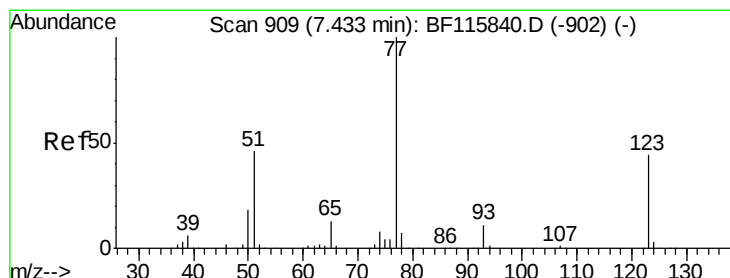
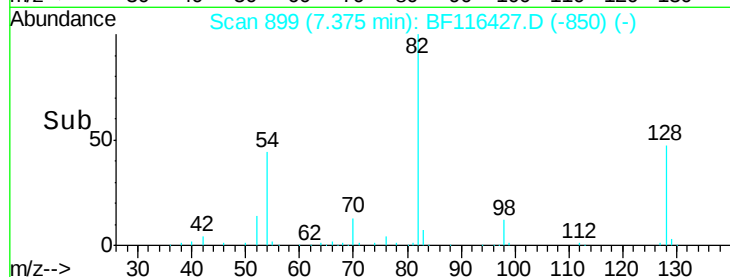
400000

200000

0

7.30 7.40 7.50

Time-->



#24

Nitrobenzene

Concen: 42.153 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BF116427.D

Acq: 20 Aug 2019 11:44

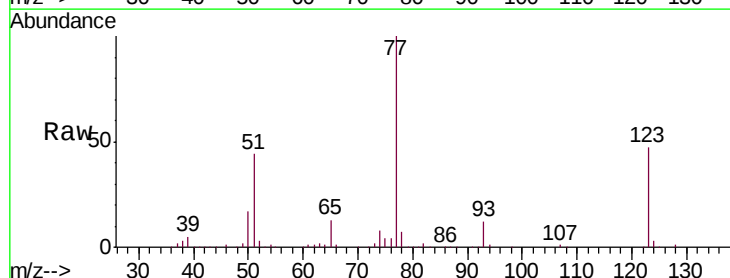
Tgt Ion: 77 Resp: 386969

Ion Ratio Lower Upper

77 100

123 46.6 36.7 55.1

65 13.0 10.6 16.0



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

7.39

500000

400000

300000

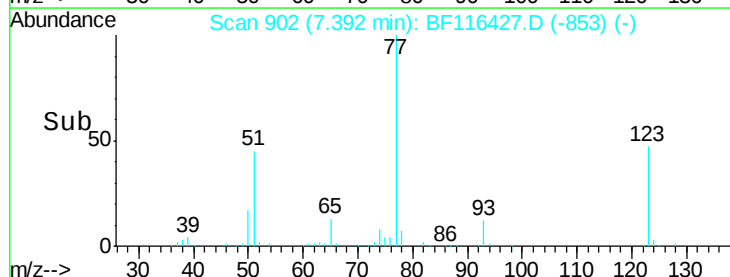
200000

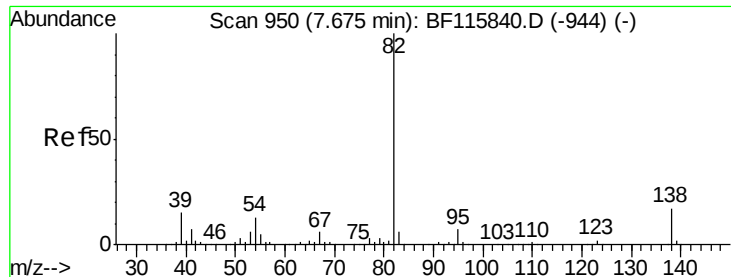
100000

0

7.30 7.35 7.40 7.45 7.50

Time-->





#25

Isophorone

Concen: 42.540 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF116427.D

Acq: 20 Aug 2019 11:44

Instrument :

BNA_F

ClientSampleId :

PB122321BS

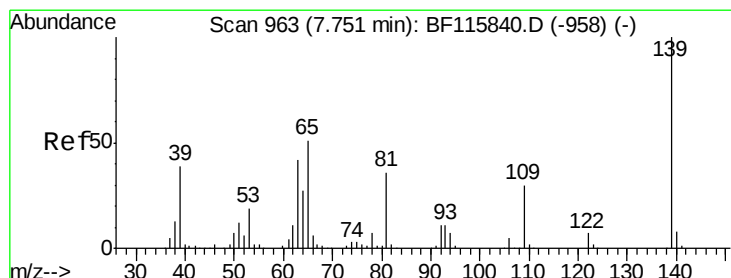
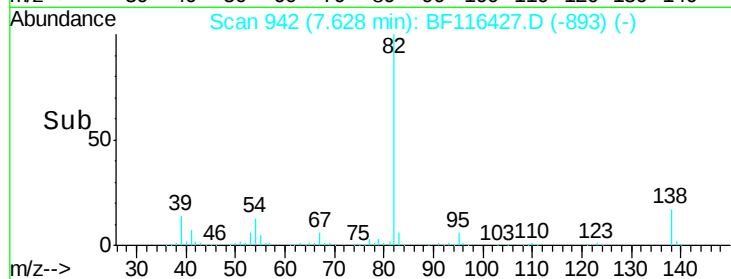
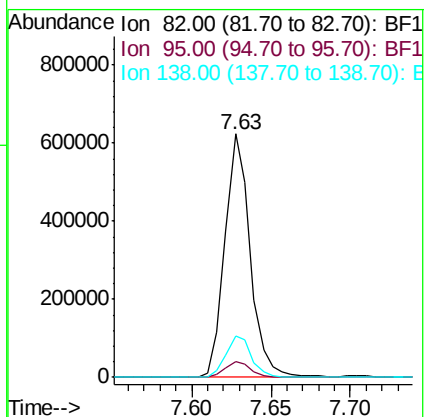
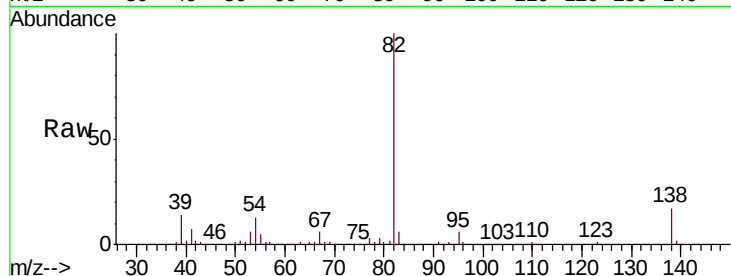
Tgt Ion: 82 Resp: 691575

Ion Ratio Lower Upper

82 100

95 6.4 5.4 8.0

138 16.9 14.5 21.7



#26

2-Nitrophenol

Concen: 43.523 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF116427.D

Acq: 20 Aug 2019 11:44

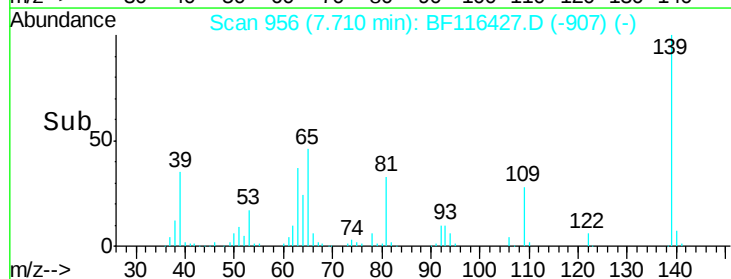
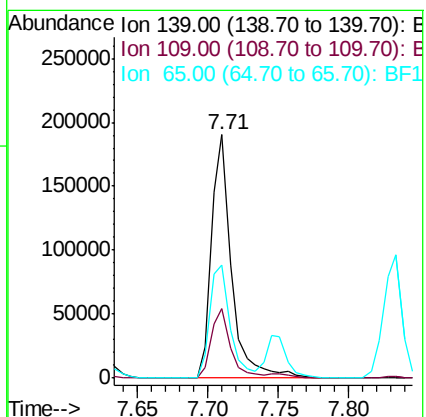
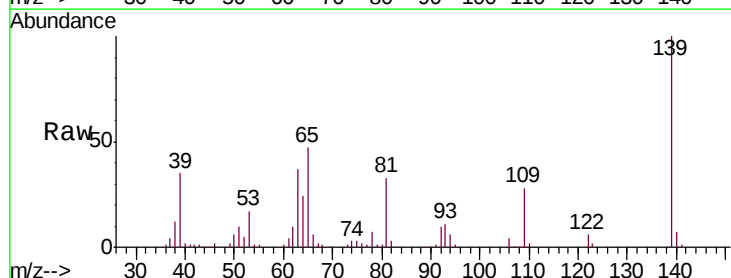
Tgt Ion: 139 Resp: 188342

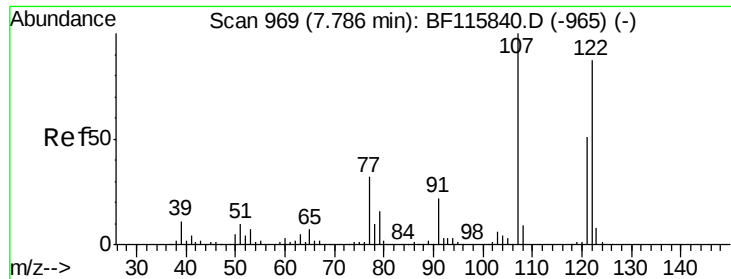
Ion Ratio Lower Upper

139 100

109 28.4 23.4 35.2

65 46.6 41.1 61.7

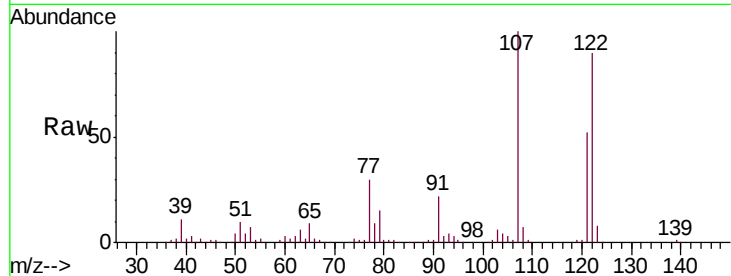




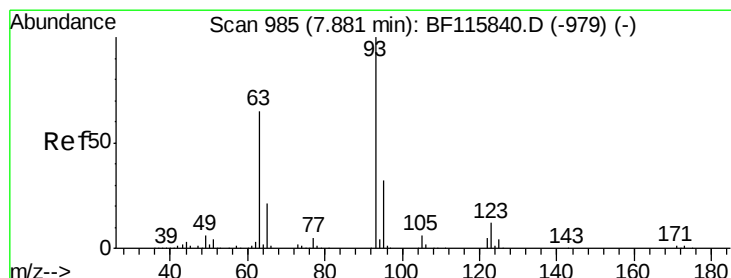
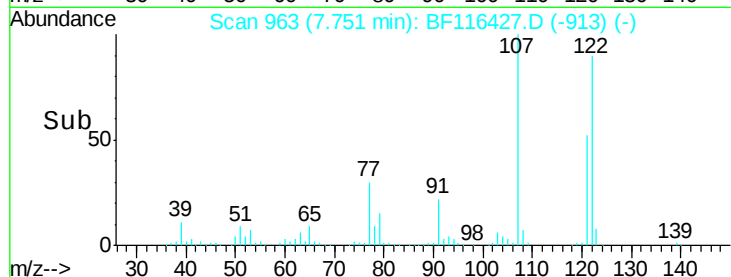
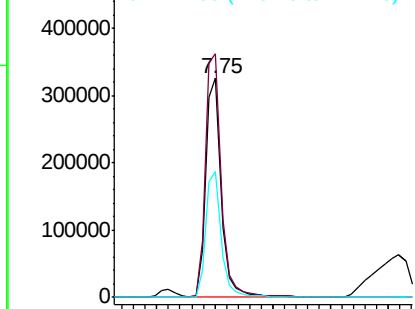
#27
 2,4-Dimethylphenol
 Concen: 47.106 ng
 RT: 7.75 min Scan# 963
 Delta R.T. -0.01 min
 Lab File: BF116427.D
 Acq: 20 Aug 2019 11:44

Instrument :
 BNA_F
 ClientSampleId :
 PB122321BS

Tgt Ion:122 Resp: 306686
 Ion Ratio Lower Upper
 122 100
 107 111.1 93.0 139.6
 121 57.5 47.6 71.4

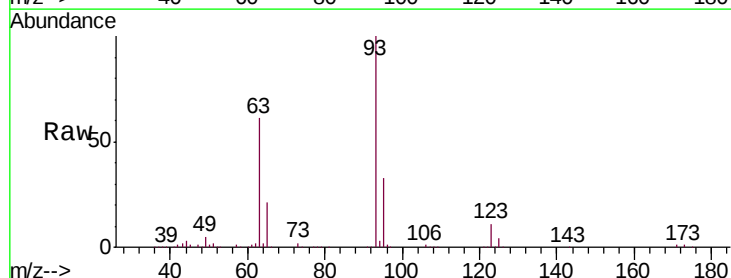


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

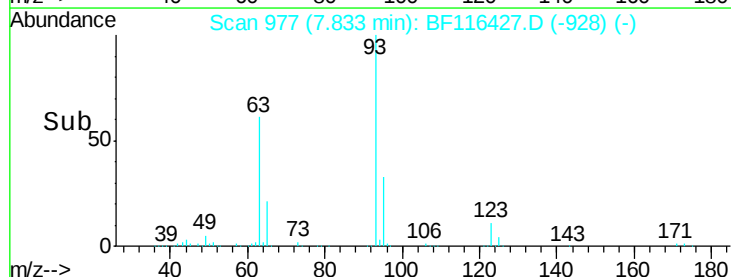
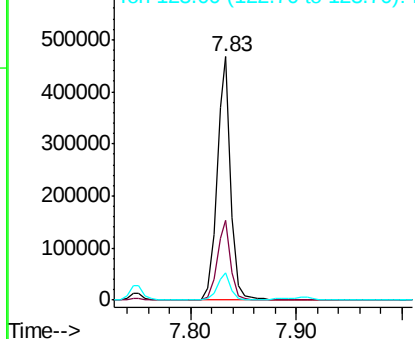


#28
 bis(2-Chloroethoxy)methane
 Concen: 42.109 ng
 RT: 7.83 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: BF116427.D
 Acq: 20 Aug 2019 11:44

Tgt Ion: 93 Resp: 424310
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.2 39.4
 123 11.5 9.2 13.8



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

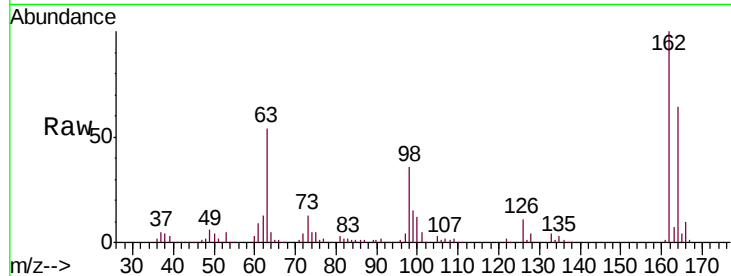




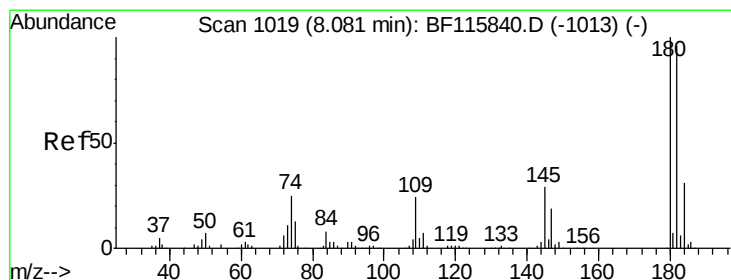
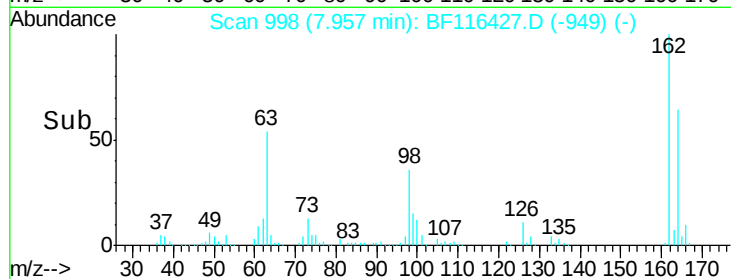
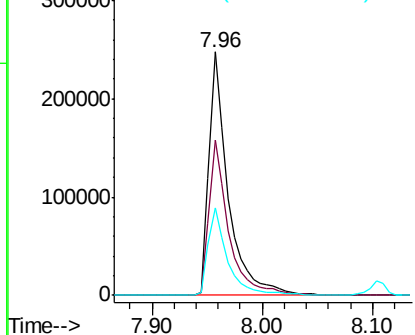
#29
 2,4-Dichlorophenol
 Concen: 42.782 ng
 RT: 7.96 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: BF116427.D
 Acq: 20 Aug 2019 11:44

Instrument :
 BNA_F
 ClientSampleId :
 PB122321BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.7	45.1	85.1
98	36.0	15.8	55.8

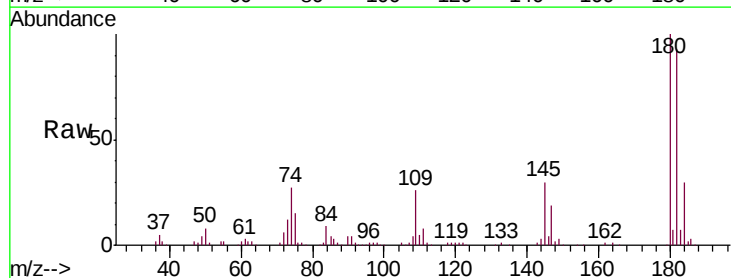


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

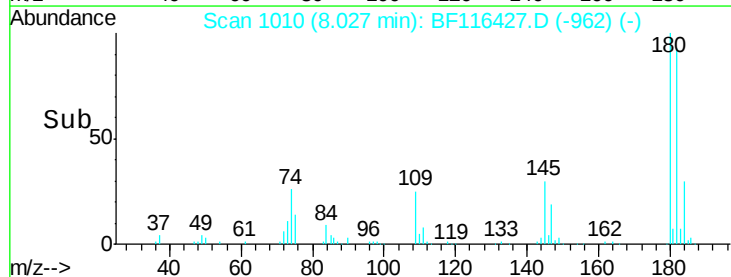
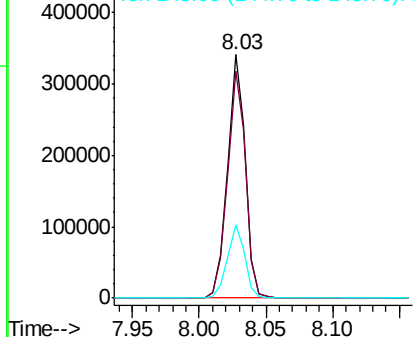


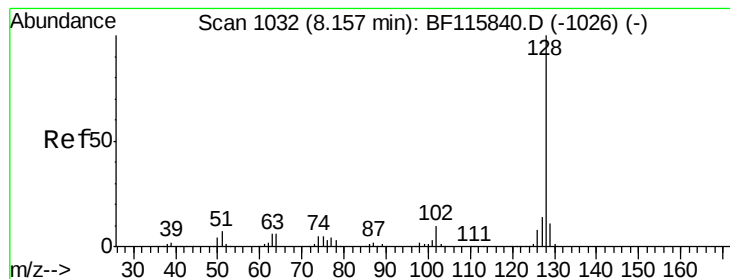
#30
 1,2,4-Trichlorobenzene
 Concen: 41.006 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. -0.02 min
 Lab File: BF116427.D
 Acq: 20 Aug 2019 11:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	75.7	113.5
145	30.0	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: 43.345 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BF116427.D

Acq: 20 Aug 2019 11:44

Instrument :

BNA_F

ClientSampleId :

PB122321BS

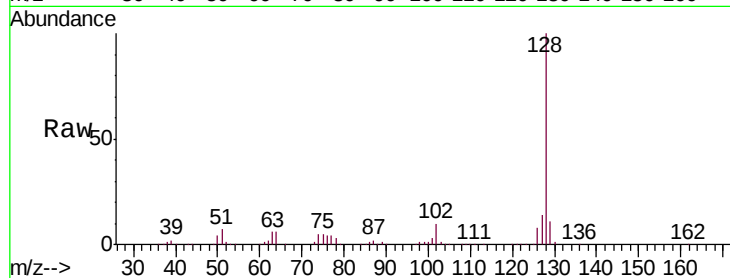
Tgt Ion:128 Resp: 1001019

Ion Ratio Lower Upper

128 100

129 11.5 9.3 13.9

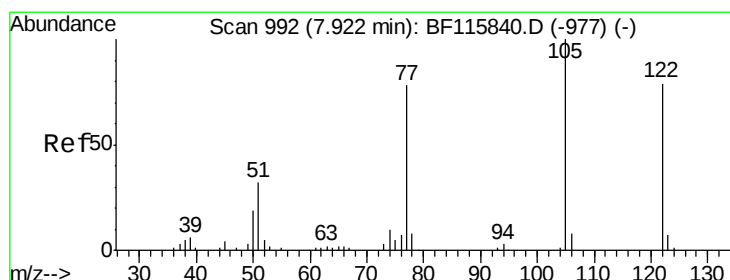
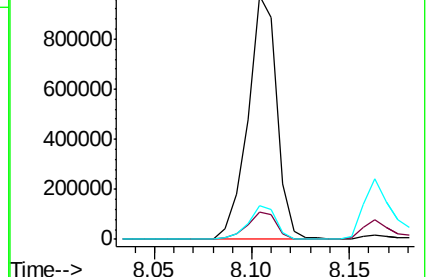
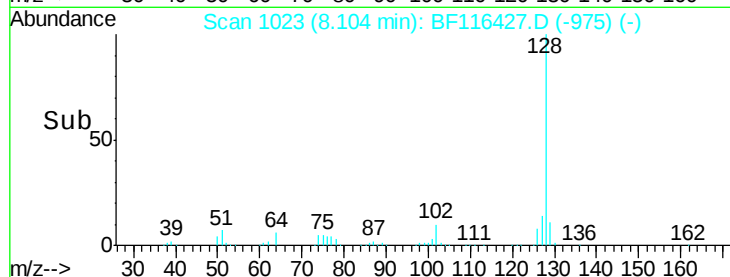
127 13.9 11.4 17.0



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: 33.117 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.00 min

Lab File: BF116427.D

Acq: 20 Aug 2019 11:44

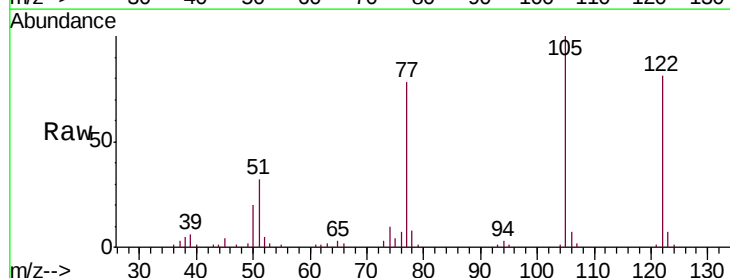
Tgt Ion:122 Resp: 152010

Ion Ratio Lower Upper

122 100

105 123.7 106.1 146.1

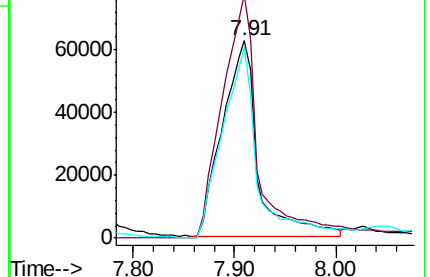
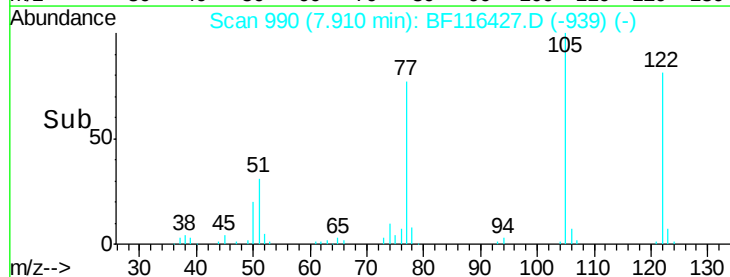
77 97.0 76.7 116.7



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

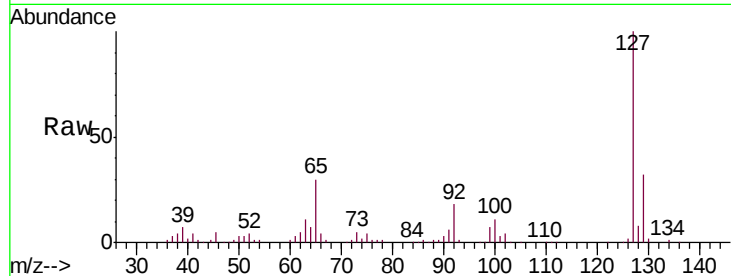




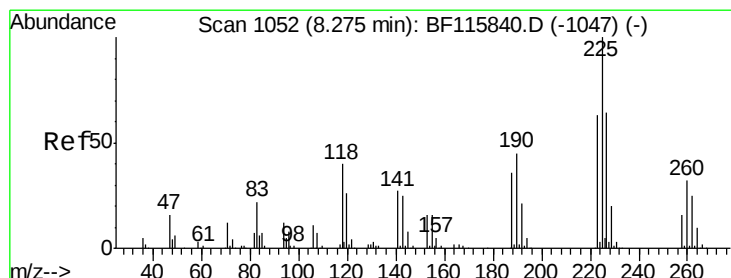
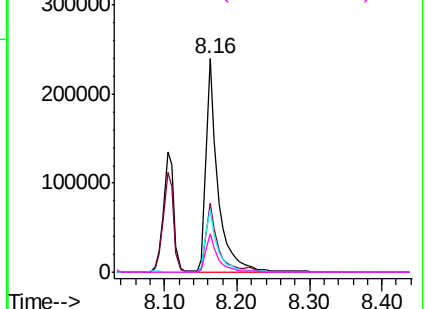
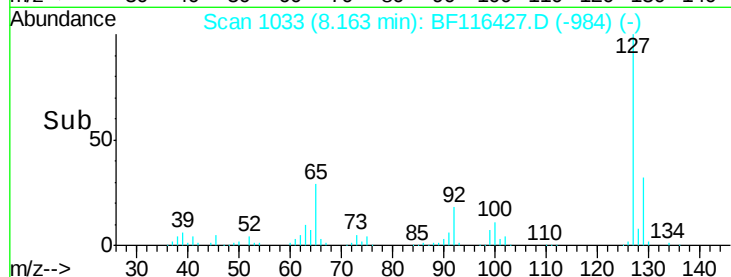
#33
4-Chloroaniline
Concen: 27.077 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF116427.D
Acq: 20 Aug 2019 11:44

Instrument :
BNA_F
ClientSampleId :
PB122321BS

Tgt Ion:	127	Resp:	279403
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.1	39.1
65	29.5	24.9	37.3
92	18.1	15.7	23.5

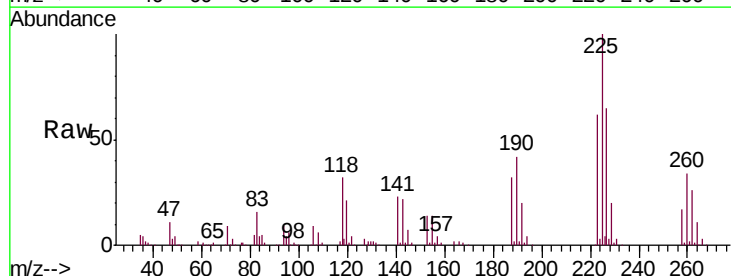


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

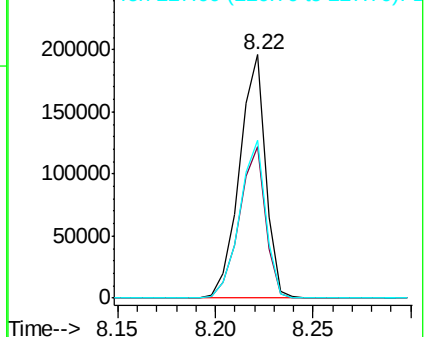
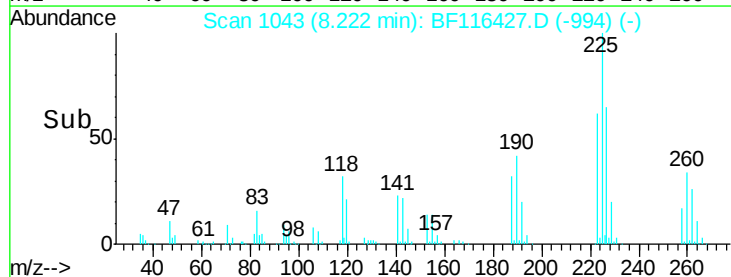


#34
Hexachlorobutadiene
Concen: 40.403 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF116427.D
Acq: 20 Aug 2019 11:44

Tgt Ion:	225	Resp:	182359
Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.0	75.0
227	64.8	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

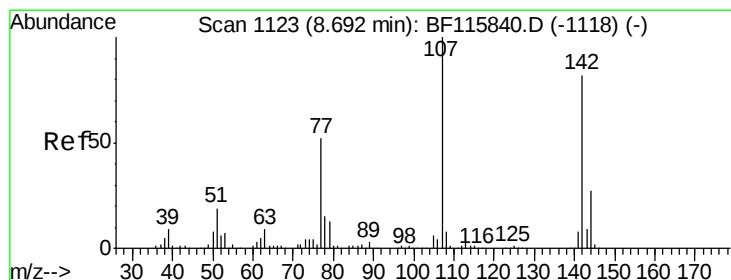
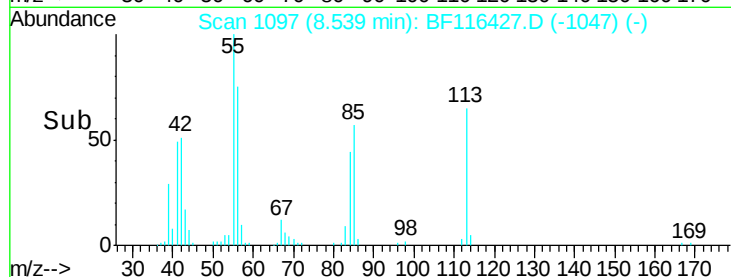
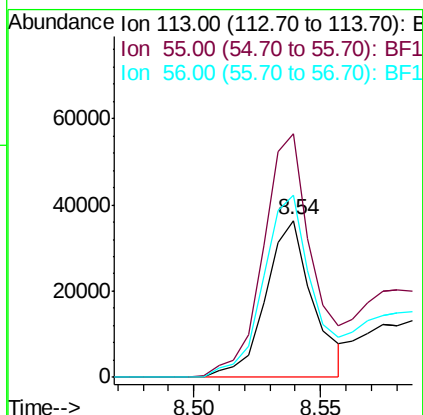
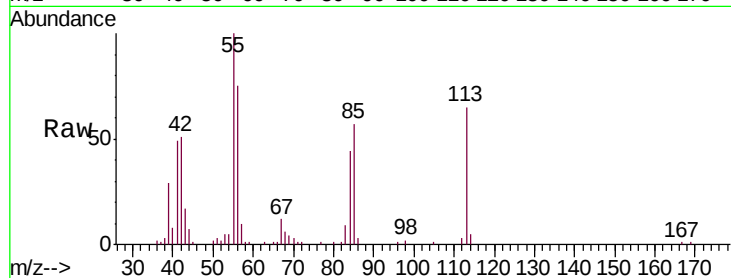




#35
 Caprolactam
 Concen: 21.155 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: BF116427.D
 Acq: 20 Aug 2019 11:44

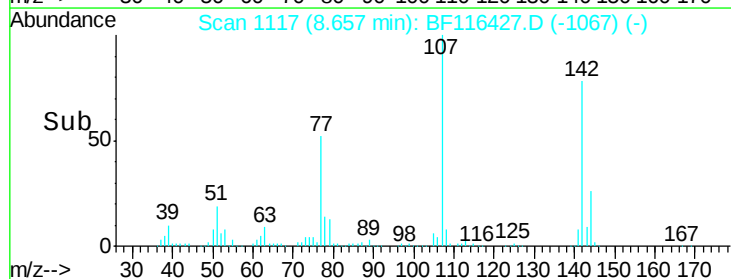
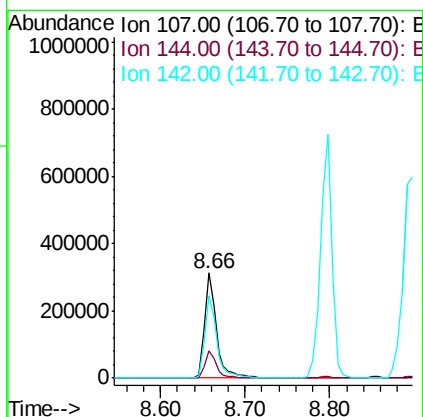
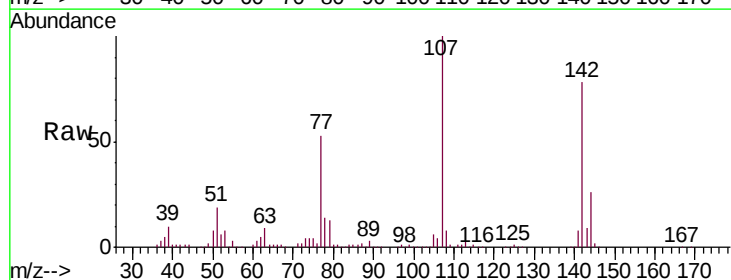
Instrument :
 BNA_F
 ClientSampleId :
 PB122321BS

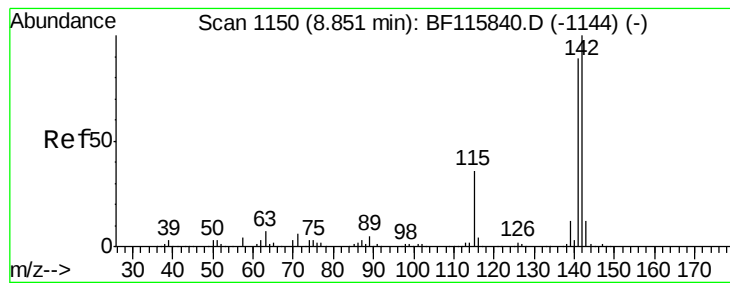
Tgt Ion:113 Resp: 47034
 Ion Ratio Lower Upper
 113 100
 55 155.0 144.3 184.3
 56 116.4 97.1 137.1



#36
 4-Chloro-3-methylphenol
 Concen: 42.676 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. -0.01 min
 Lab File: BF116427.D
 Acq: 20 Aug 2019 11:44

Tgt Ion:107 Resp: 305189
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.2 30.2
 142 78.4 61.7 92.5





#37

2-Methylnaphthalene

Concen: 43.476 ng

RT: 8.80 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BF116427.D

Acq: 20 Aug 2019 11:44

Instrument :

BNA_F

ClientSampleId :

PB122321BS

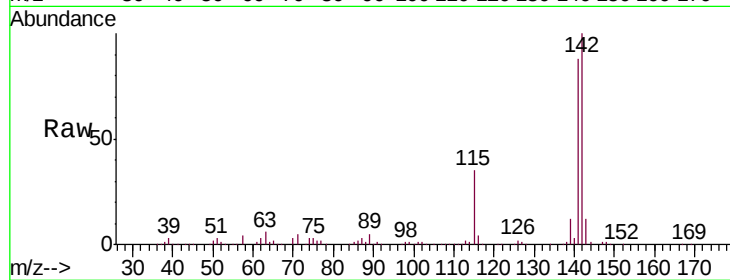
Tgt Ion:142 Resp: 661256

Ion Ratio Lower Upper

142 100

141 88.0 70.9 106.3

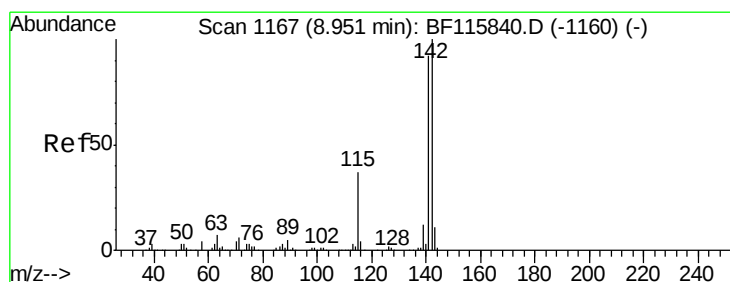
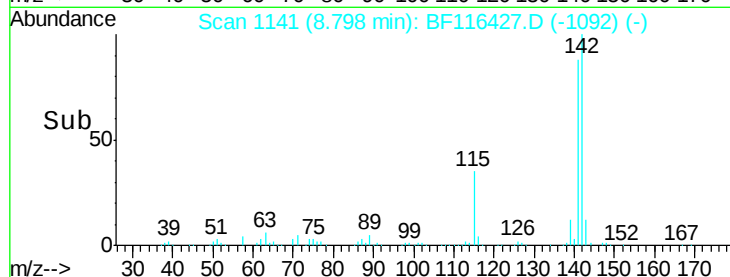
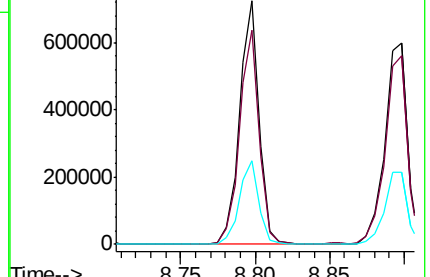
115 34.5 29.0 43.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 42.627 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BF116427.D

Acq: 20 Aug 2019 11:44

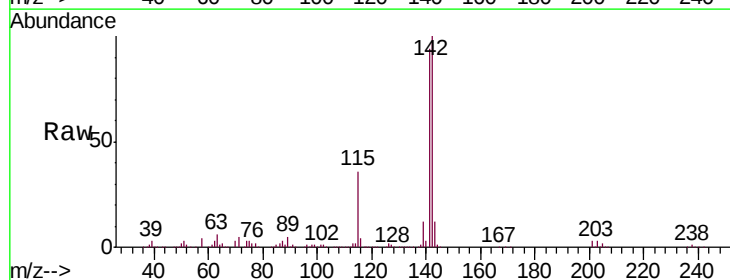
Tgt Ion:142 Resp: 613350

Ion Ratio Lower Upper

142 100

141 93.5 74.4 111.6

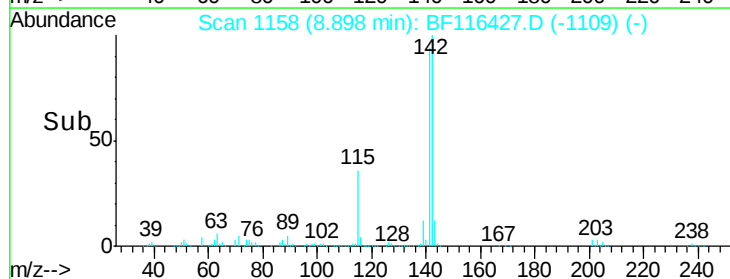
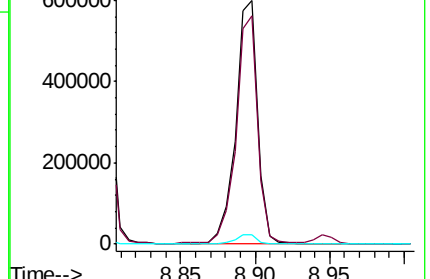
116 3.7 3.1 4.7

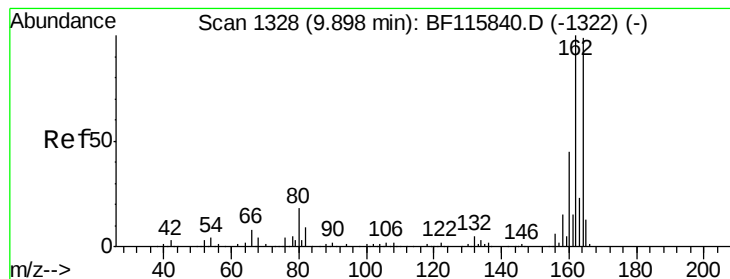


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF116427.D

Acq: 20 Aug 2019 11:44

Instrument :

BNA_F

ClientSampleId :

PB122321BS

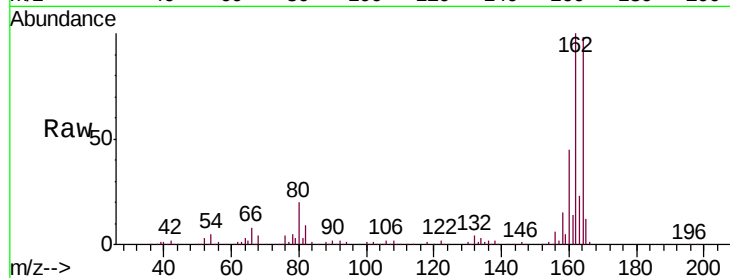
Tgt Ion:164 Resp: 257637

Ion Ratio Lower Upper

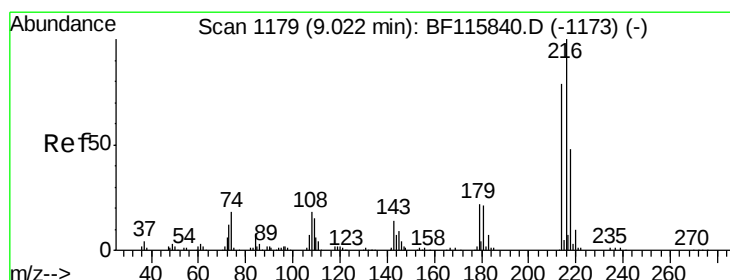
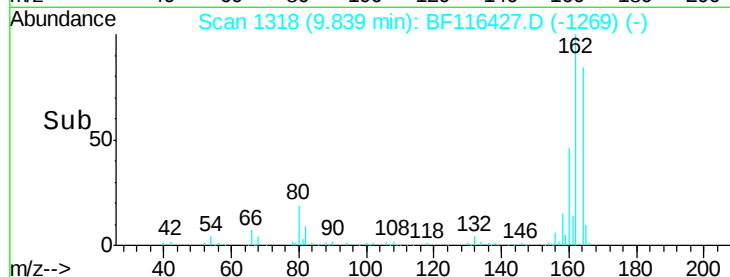
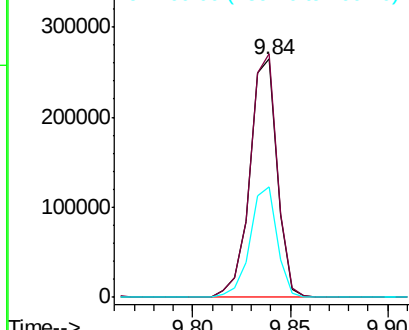
164 100

162 102.4 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: 44.188 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF116427.D

Acq: 20 Aug 2019 11:44

Tgt Ion:216 Resp: 304352

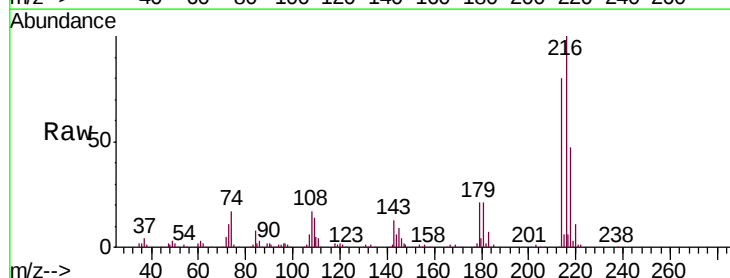
Ion Ratio Lower Upper

216 100

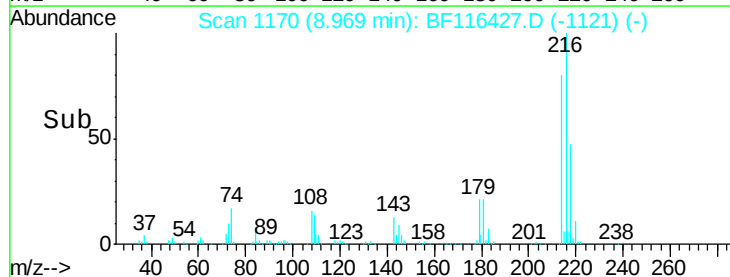
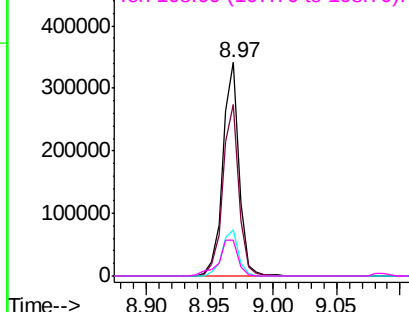
214 79.9 63.6 95.4

179 21.9 17.8 26.8

108 20.5 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

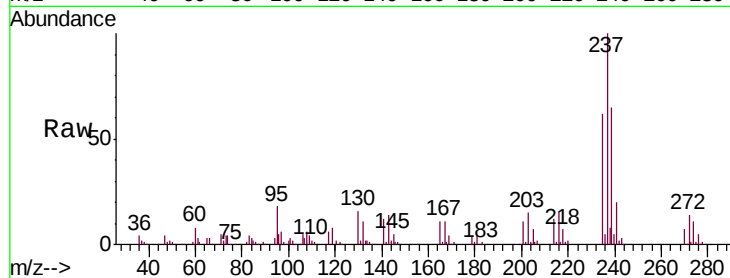




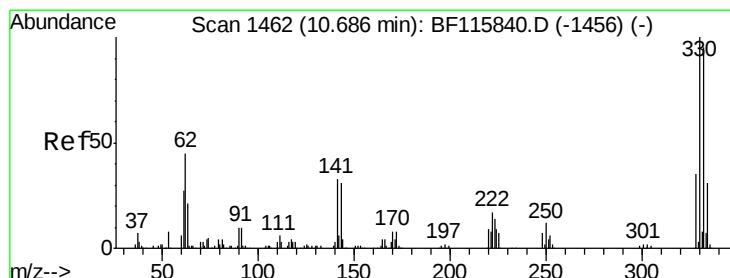
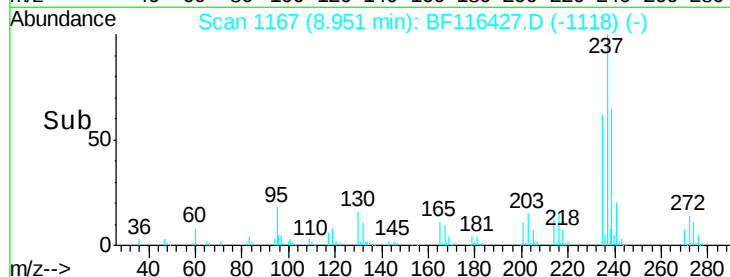
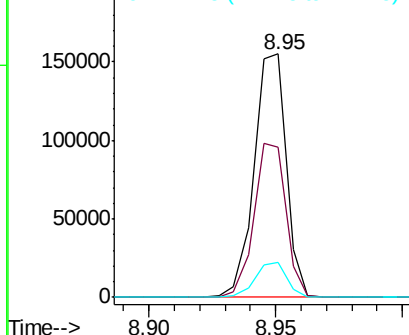
#41
Hexachlorocyclopentadiene
Concen: 47.263 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF116427.D
Acq: 20 Aug 2019 11:44

Instrument :
BNA_F
ClientSampleId :
PB122321BS

Tgt Ion: 237 Resp: 138049
Ion Ratio Lower Upper
237 100
235 61.9 43.4 83.4
272 14.2 0.0 33.2

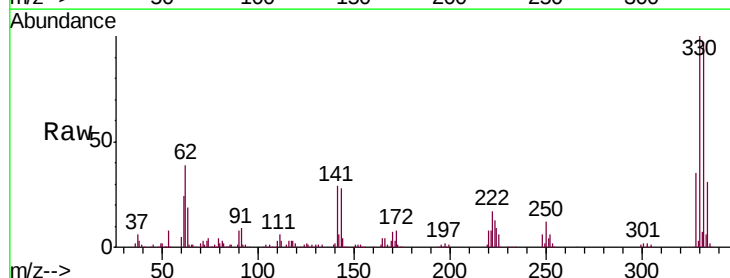


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

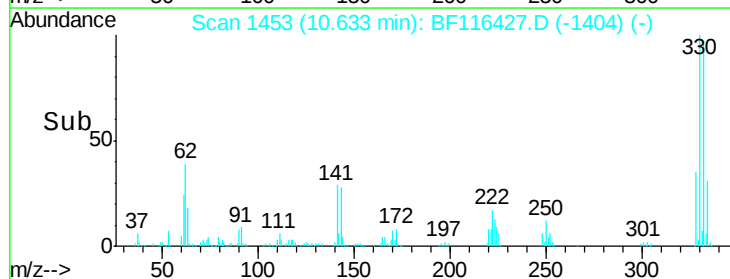
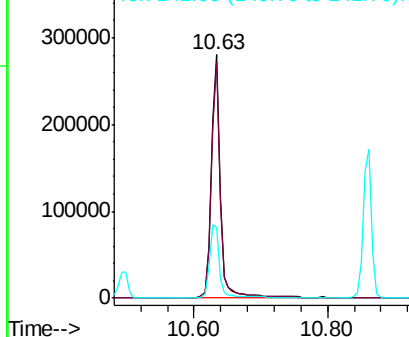


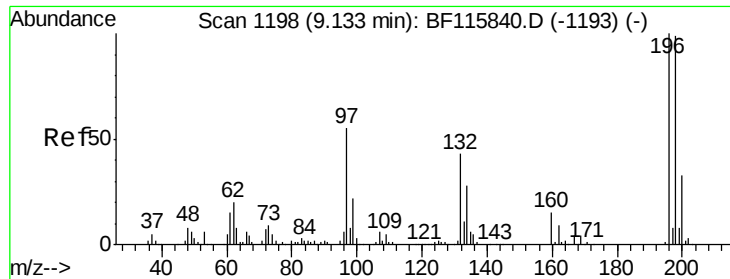
#42
2,4,6-Tribromophenol
Concen: 109.337 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF116427.D
Acq: 20 Aug 2019 11:44

Tgt Ion: 330 Resp: 273109
Ion Ratio Lower Upper
330 100
332 95.1 76.8 115.2
141 32.5 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

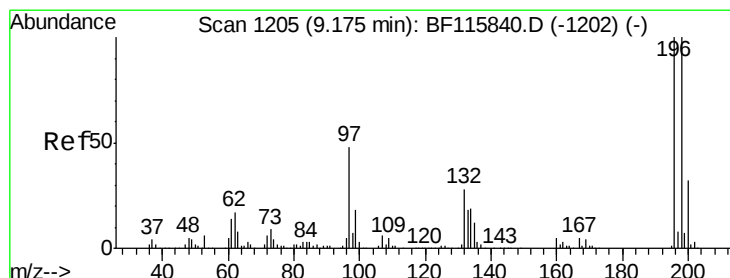
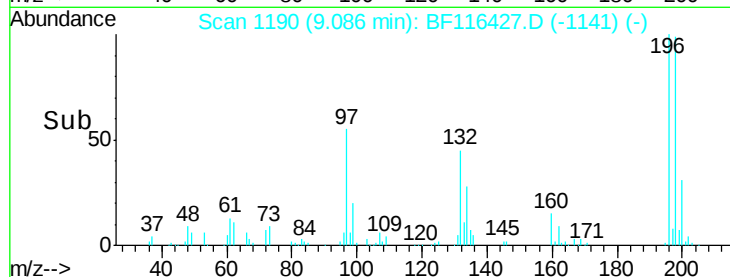
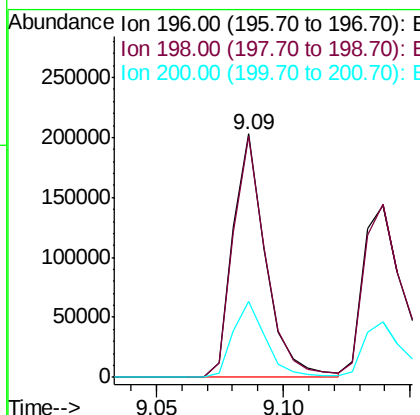
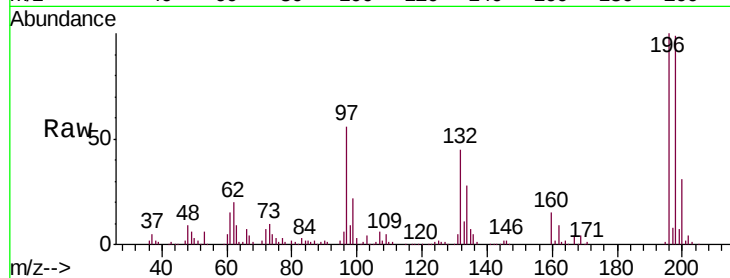




#43
 2,4,6-Trichlorophenol
 Concen: 38.425 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF116427.D
 Acq: 20 Aug 2019 11:44

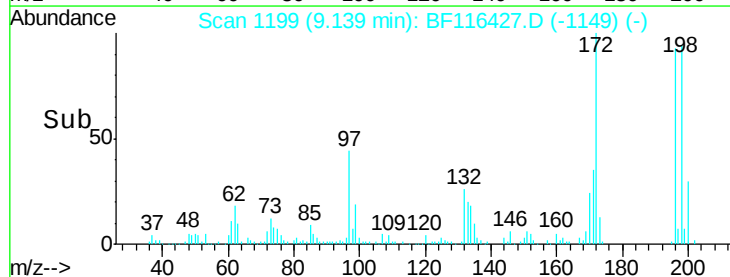
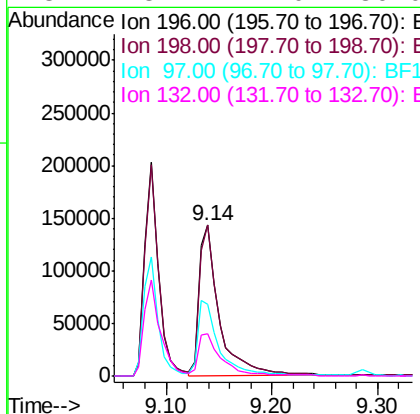
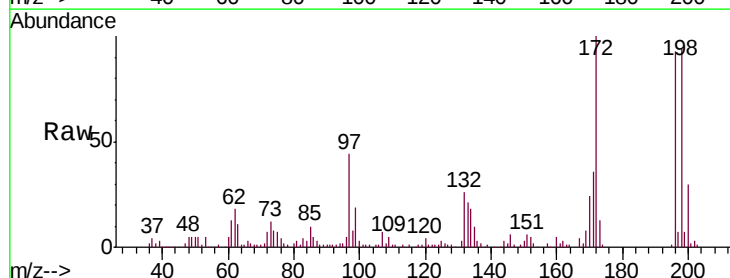
Instrument :
 BNA_F
 ClientSampleID :
 PB122321BS

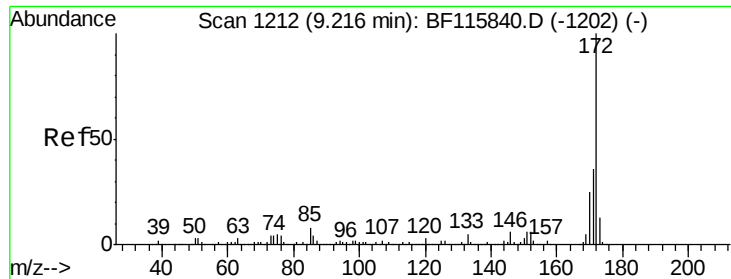
Tgt Ion:196 Resp: 182168
 Ion Ratio Lower Upper
 196 100
 198 99.2 79.2 118.8
 200 31.0 25.2 37.8



#44
 2,4,5-Trichlorophenol
 Concen: 38.074 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF116427.D
 Acq: 20 Aug 2019 11:44

Tgt Ion:196 Resp: 186586
 Ion Ratio Lower Upper
 196 100
 198 100.7 78.8 118.2
 97 47.7 42.2 63.4
 132 28.4 24.0 36.0

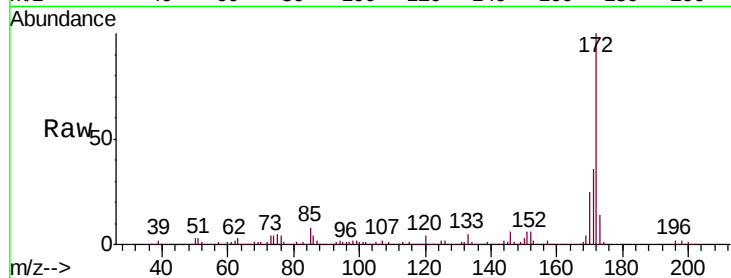




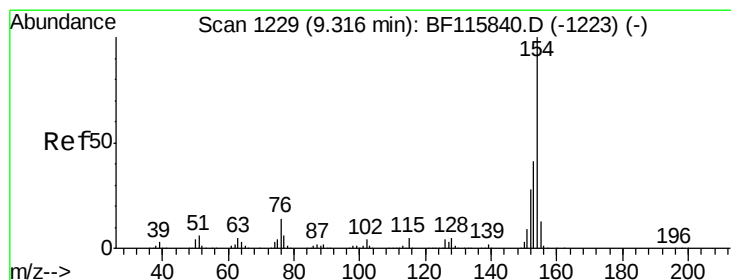
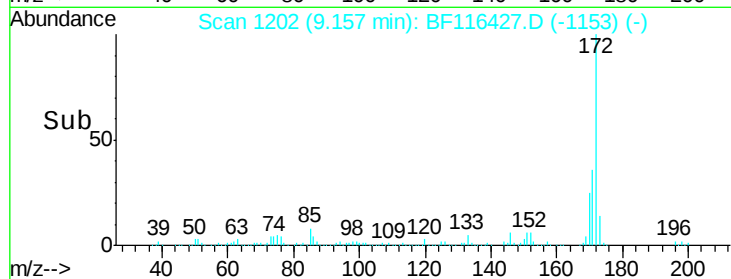
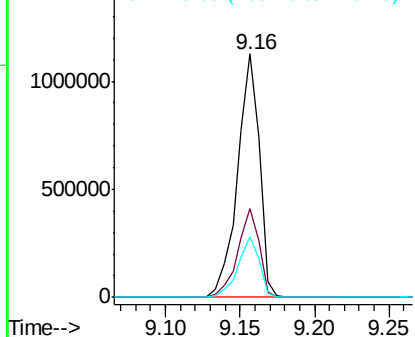
#45
2-Fluorobiphenyl
Concen: 83.513 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF116427.D
Acq: 20 Aug 2019 11:44

Instrument :
BNA_F
ClientSampleId :
PB122321BS

Tgt Ion:172 Resp: 1148702
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 24.9 20.1 30.1

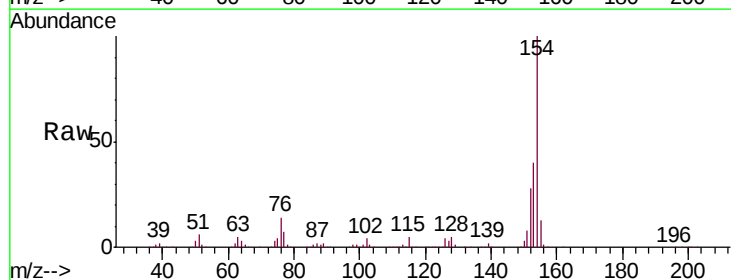


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

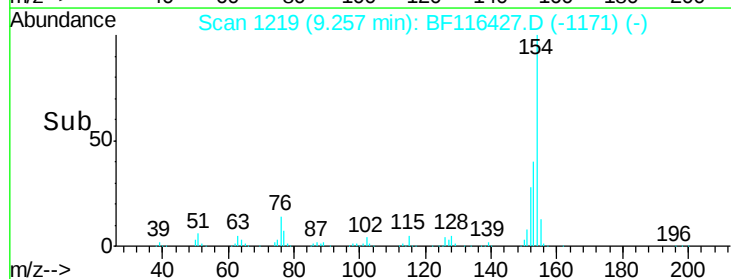
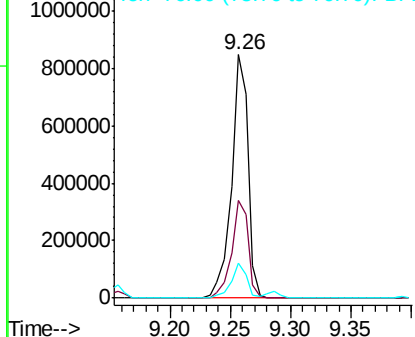


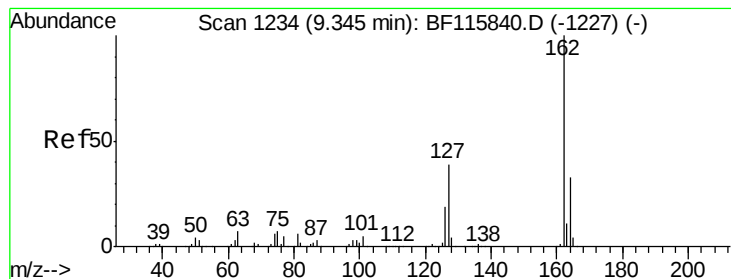
#46
1,1'-Biphenyl
Concen: 44.283 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.02 min
Lab File: BF116427.D
Acq: 20 Aug 2019 11:44

Tgt Ion:154 Resp: 805467
Ion Ratio Lower Upper
154 100
153 40.3 21.4 61.4
76 14.1 0.0 35.2



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





#47

2-Chloronaphthalene

Concen: 41.484 ng

RT: 9.29 min Scan# 1224

Delta R.T. -0.01 min

Lab File: BF116427.D

Acq: 20 Aug 2019 11:44

Instrument :

BNA_F

ClientSampleId :

PB122321BS

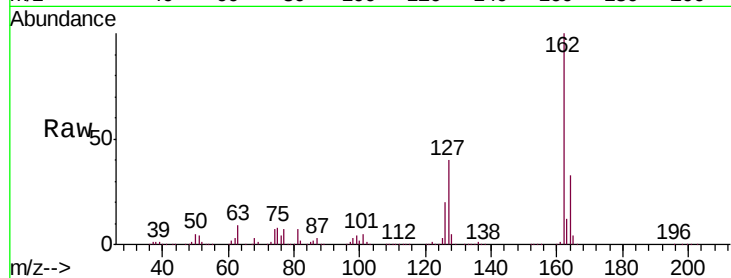
Tgt Ion: 162 Resp: 628015

Ion Ratio Lower Upper

162 100

127 40.3 32.8 49.2

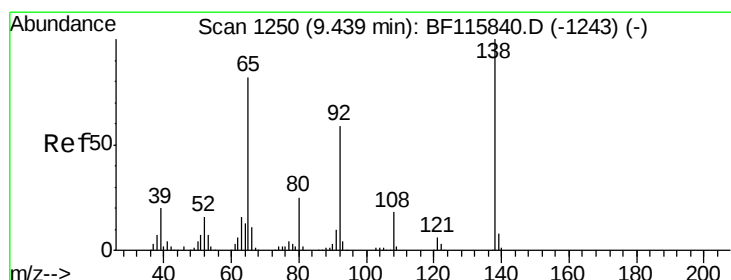
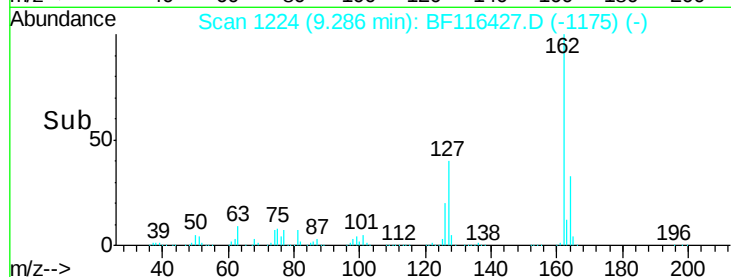
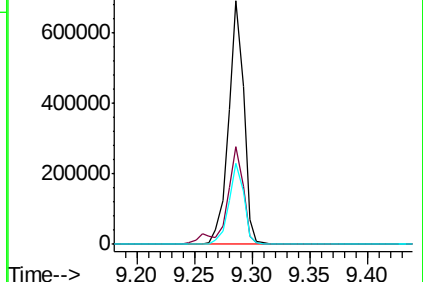
164 33.2 26.6 39.8



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: 39.079 ng

RT: 9.39 min Scan# 1242

Delta R.T. -0.01 min

Lab File: BF116427.D

Acq: 20 Aug 2019 11:44

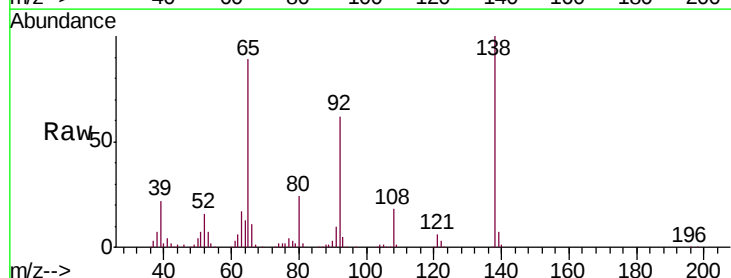
Tgt Ion: 65 Resp: 195549

Ion Ratio Lower Upper

65 100

92 69.4 57.8 86.8

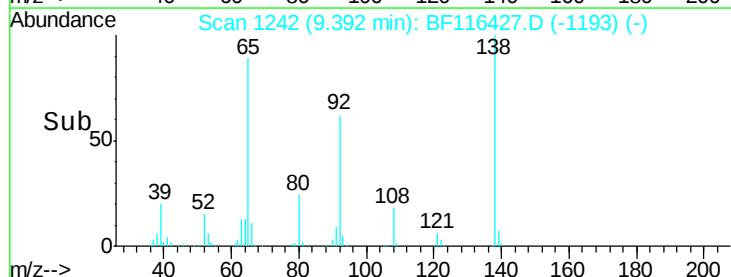
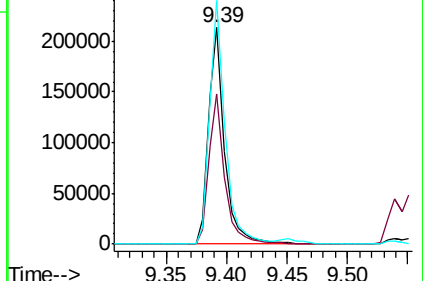
138 112.5 94.0 141.0

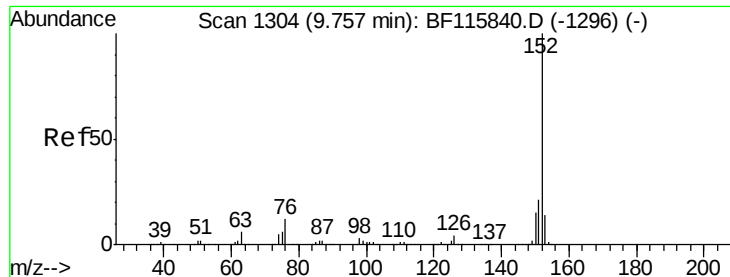


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.148 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.02 min

Lab File: BF116427.D

Acq: 20 Aug 2019 11:44

Instrument :

BNA_F

ClientSampleId :

PB122321BS

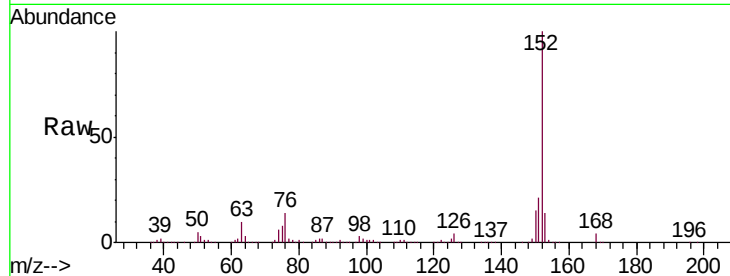
Tgt Ion:152 Resp: 930868

Ion Ratio Lower Upper

152 100

151 21.1 17.2 25.8

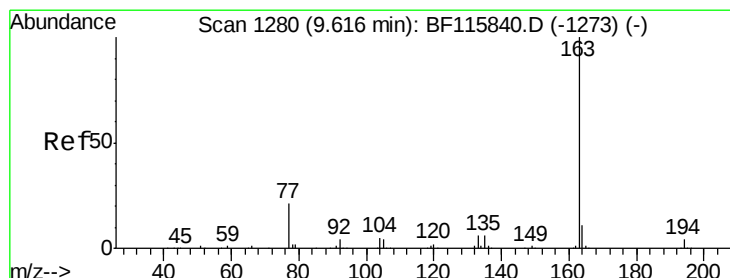
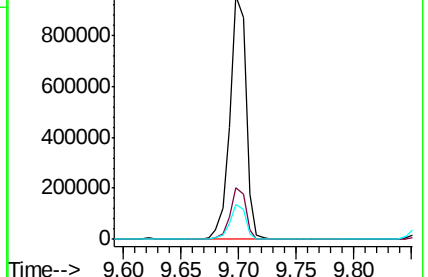
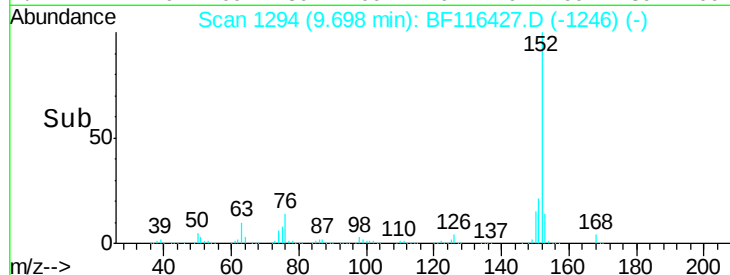
153 14.2 11.8 17.8



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: 40.860 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF116427.D

Acq: 20 Aug 2019 11:44

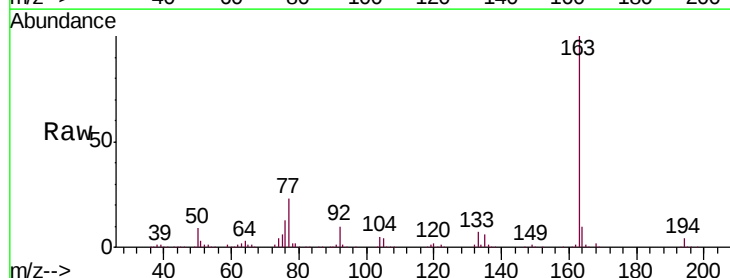
Tgt Ion:163 Resp: 716769

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

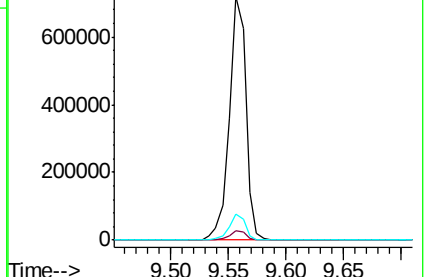
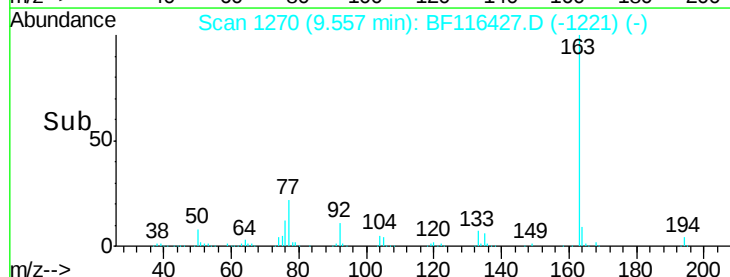
164 10.5 8.4 12.6



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

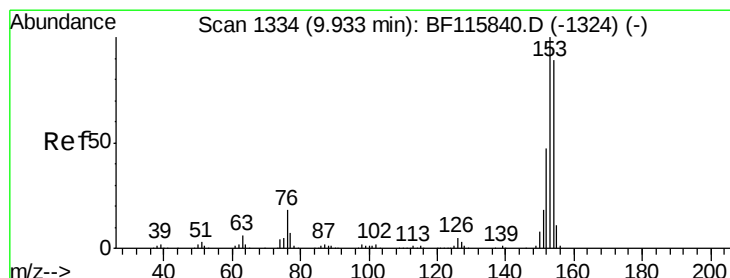
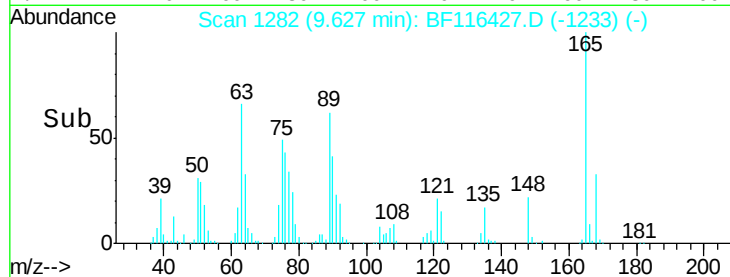
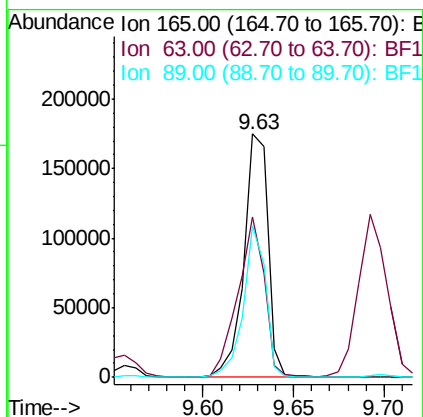
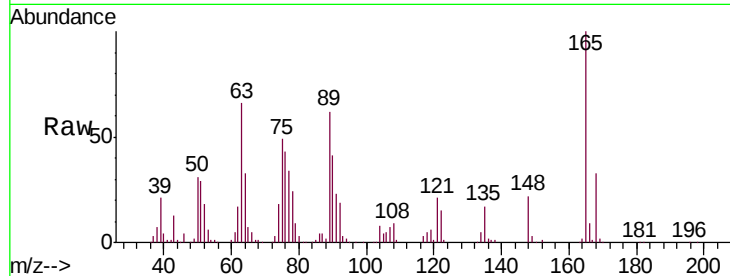




#51
2,6-Dinitrotoluene
Concen: 42.254 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF116427.D
Acq: 20 Aug 2019 11:44

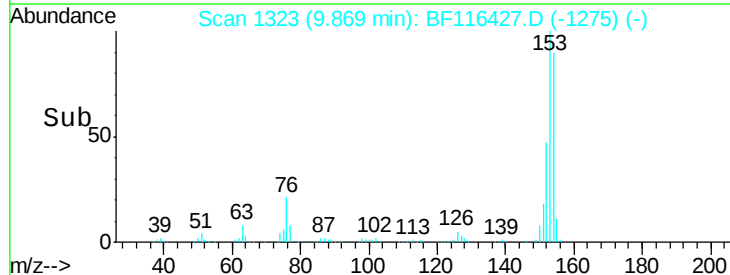
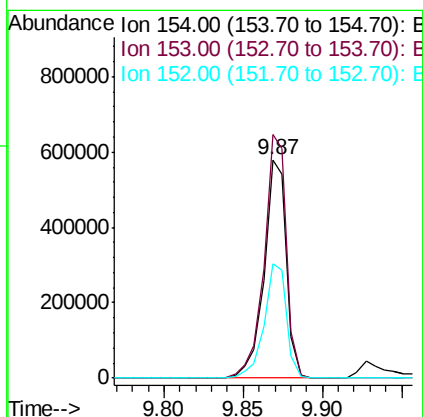
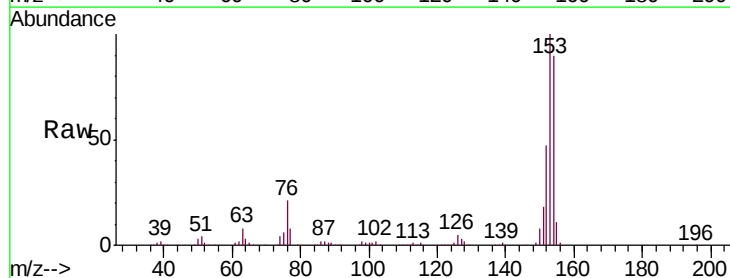
Instrument :
BNA_F
ClientSampleId :
PB122321BS

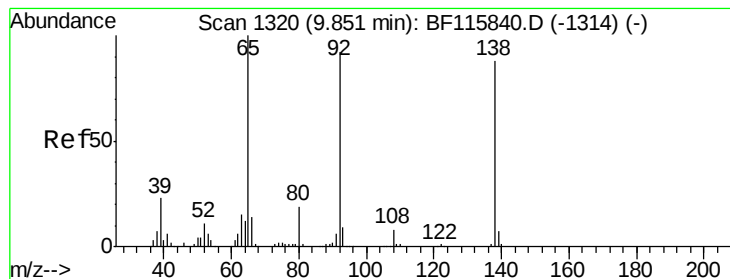
Tgt Ion:165 Resp: 161082
Ion Ratio Lower Upper
165 100
63 65.7 38.2 57.2#
89 62.2 42.9 64.3



#52
Acenaphthene
Concen: 42.219 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF116427.D
Acq: 20 Aug 2019 11:44

Tgt Ion:154 Resp: 572039
Ion Ratio Lower Upper
154 100
153 111.7 89.4 134.0
152 52.4 42.3 63.5





#53

3-Nitroaniline

Concen: 27.540 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF116427.D

Acq: 20 Aug 2019 11:44

Instrument :

BNA_F

ClientSampleId :

PB122321BS

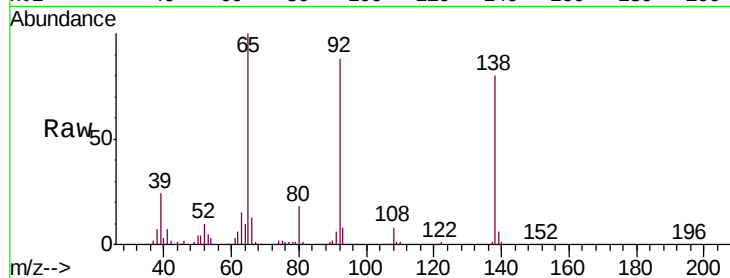
Tgt Ion:138 Resp: 129728

Ion Ratio Lower Upper

138 100

108 9.7 8.0 12.0

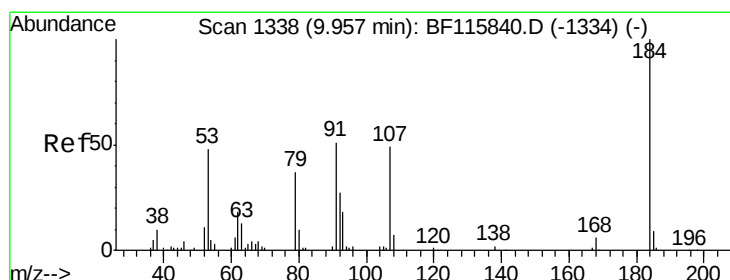
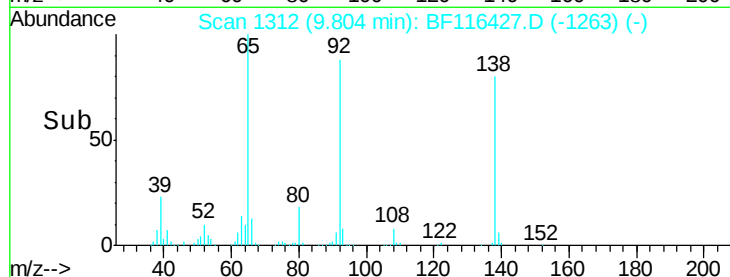
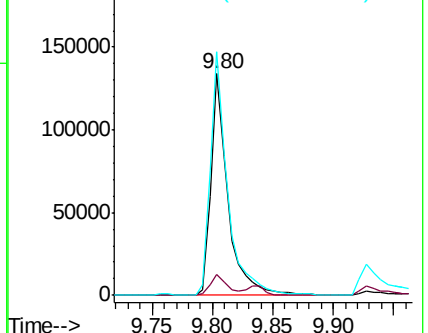
92 110.0 91.0 136.6



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: 55.324 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.02 min

Lab File: BF116427.D

Acq: 20 Aug 2019 11:44

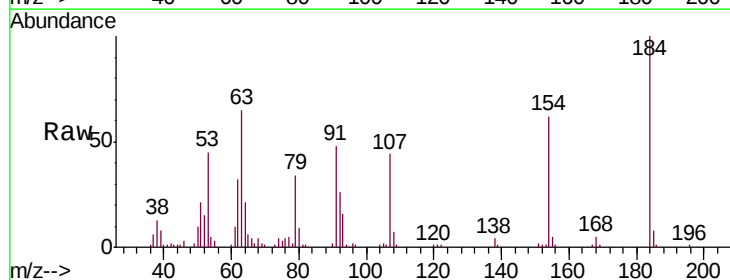
Tgt Ion:184 Resp: 102092

Ion Ratio Lower Upper

184 100

63 65.2 53.0 79.4

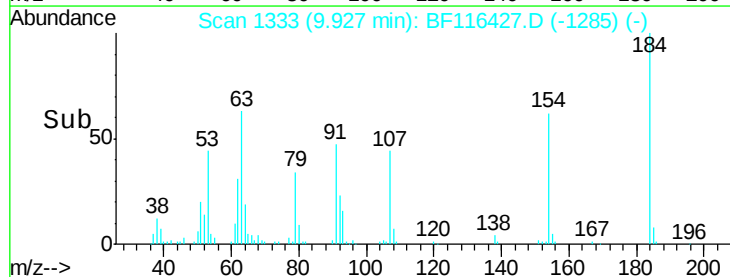
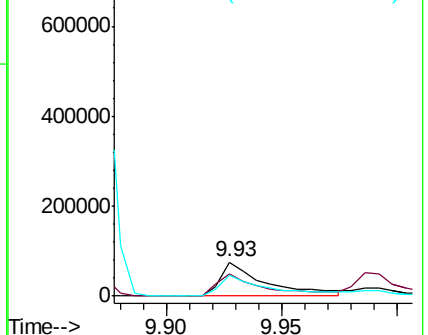
154 61.6 50.1 75.1

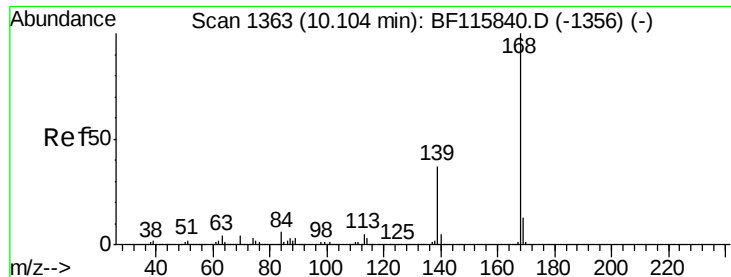


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

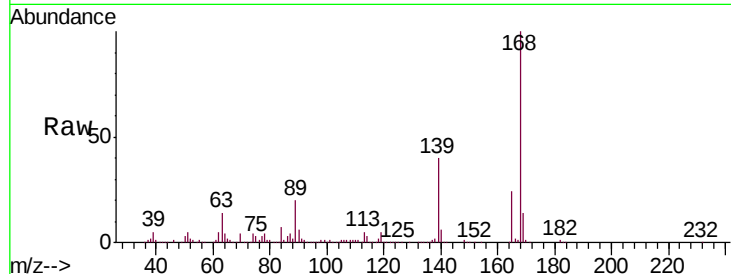




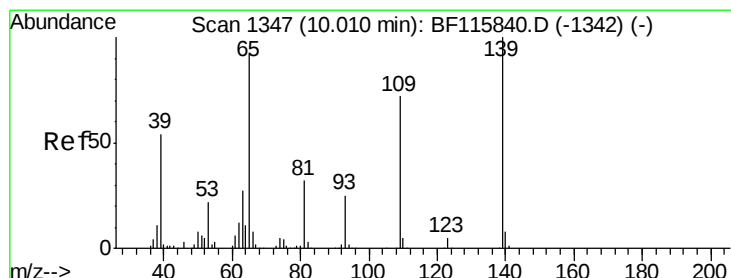
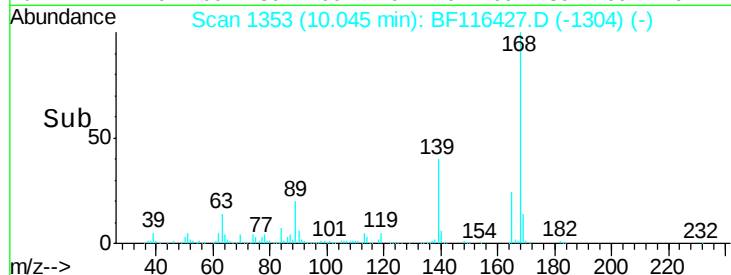
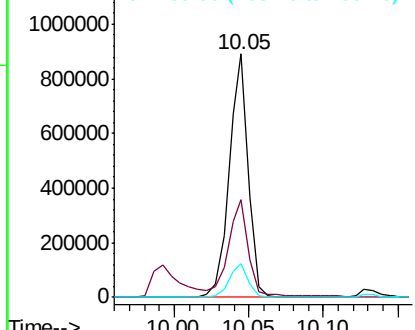
#55
Dibenzofuran
Concen: 40.574 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF116427.D
Acq: 20 Aug 2019 11:44

Instrument :
BNA_F
ClientSampleId :
PB122321BS

Tgt Ion:168 Resp: 799474
Ion Ratio Lower Upper
168 100
139 40.2 31.4 47.2
169 13.7 10.9 16.3

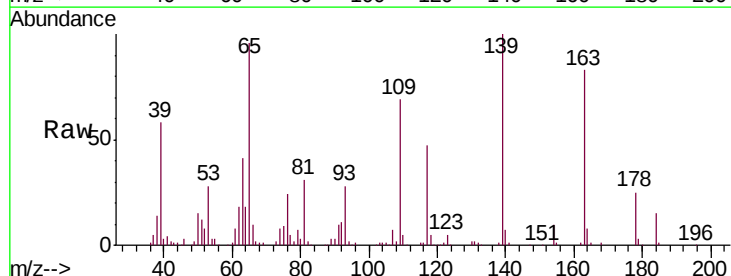


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

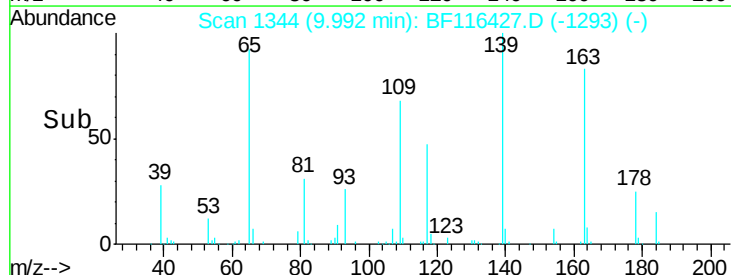
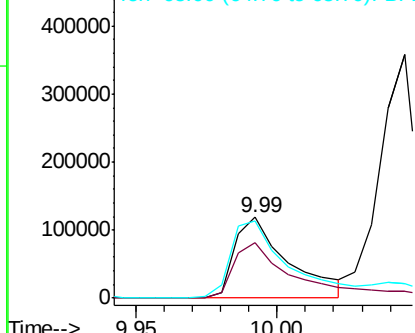


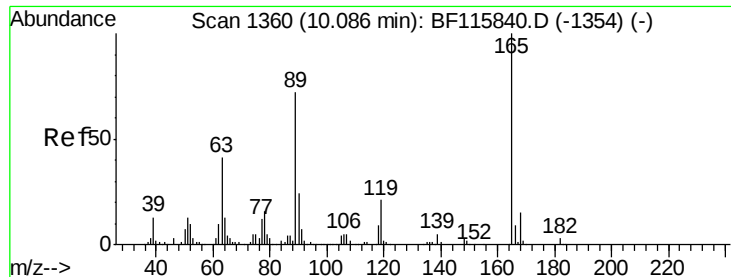
#56
4-Nitrophenol
Concen: 52.268 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BF116427.D
Acq: 20 Aug 2019 11:44

Tgt Ion:139 Resp: 157721
Ion Ratio Lower Upper
139 100
109 68.7 54.4 94.4
65 96.1 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

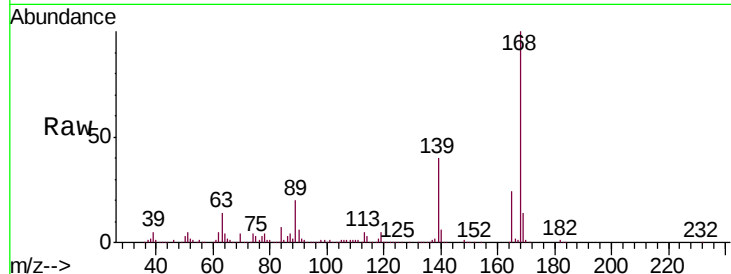




#57
 2,4-Dinitrotoluene
 Concen: 38.556 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: BF116427.D
 Acq: 20 Aug 2019 11:44

Instrument :
 BNA_F
 ClientSampleId :
 PB122321BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	59.3	39.6	59.4
89	82.1	62.2	93.2
182	2.5	2.1	3.1

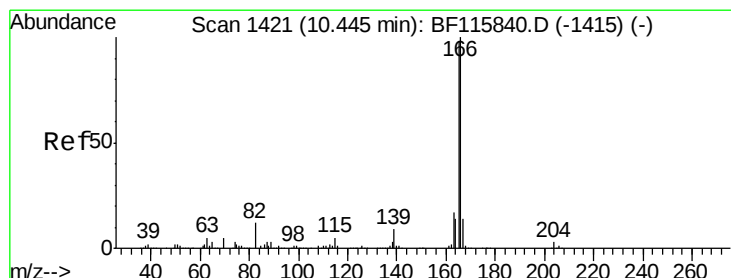
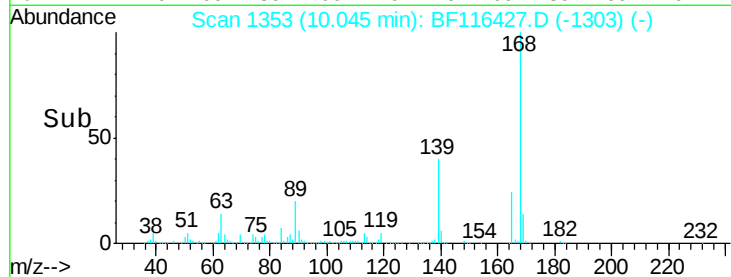
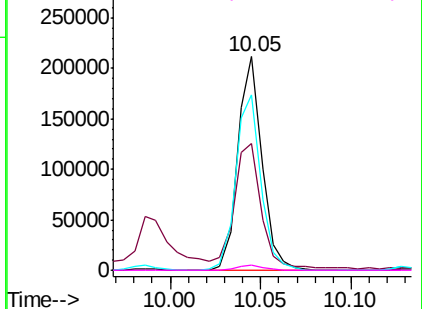


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

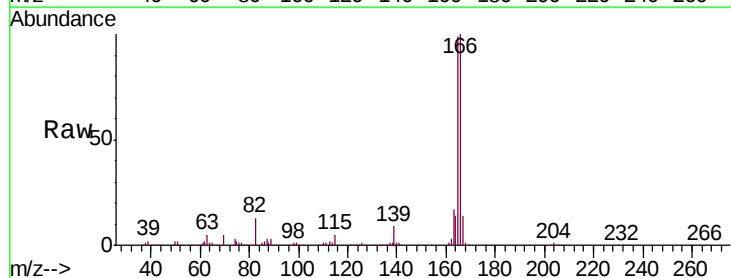
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 43.445 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: BF116427.D
 Acq: 20 Aug 2019 11:44

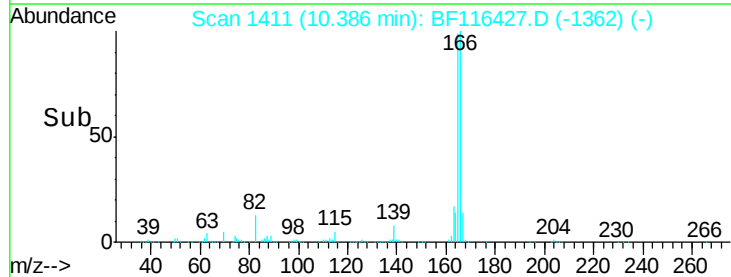
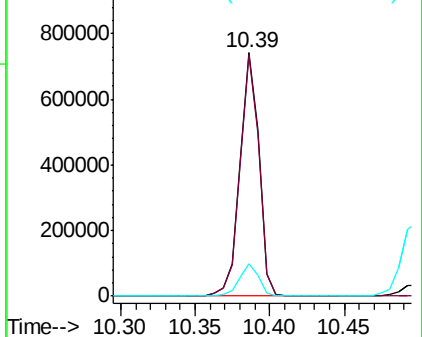
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.4	117.6
167	13.6	11.0	16.4

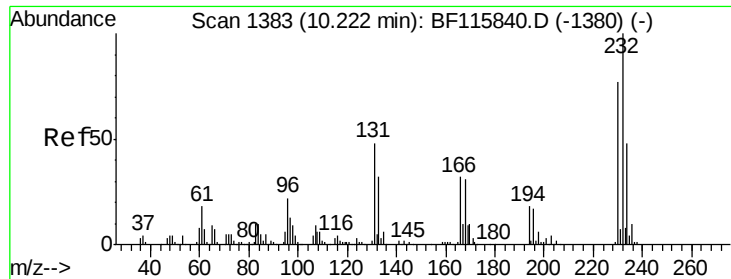


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

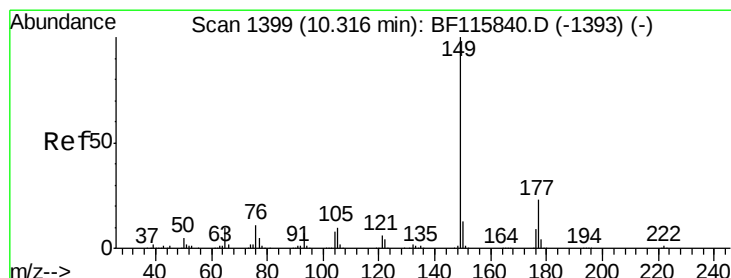
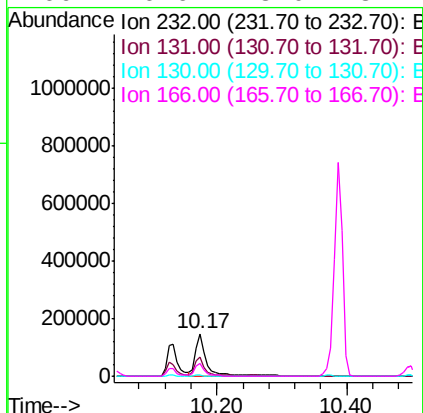
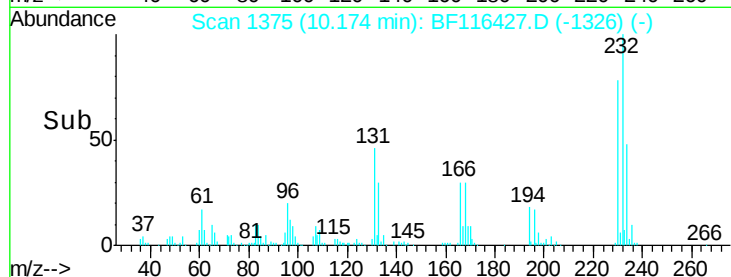
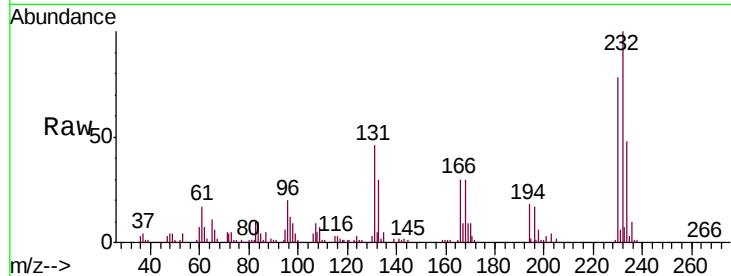




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.137 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BF116427.D
Acq: 20 Aug 2019 11:44

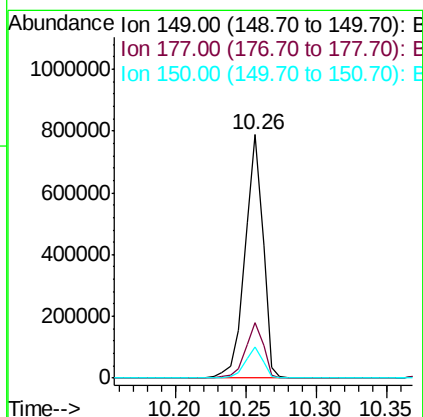
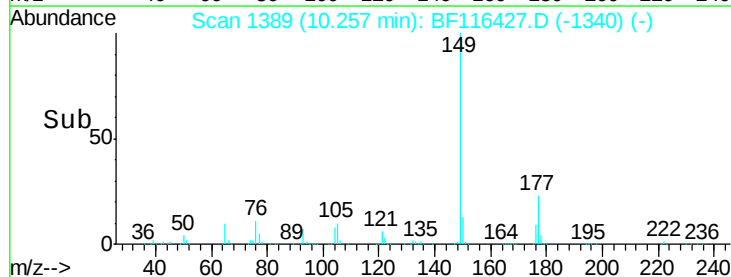
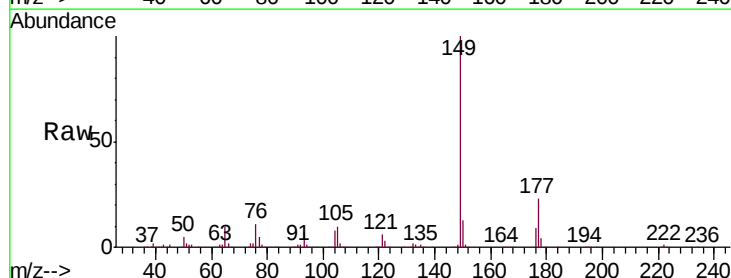
Instrument :
BNA_F
ClientSampleId :
PB122321BS

Tgt Ion:232 Resp: 173730
Ion Ratio Lower Upper
232 100
131 42.8 36.2 54.2
130 2.3 1.9 2.9
166 26.6 23.0 34.4



#60
Diethylphthalate
Concen: 42.646 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BF116427.D
Acq: 20 Aug 2019 11:44

Tgt Ion:149 Resp: 698451
Ion Ratio Lower Upper
149 100
177 22.8 18.8 28.2
150 12.9 10.2 15.4

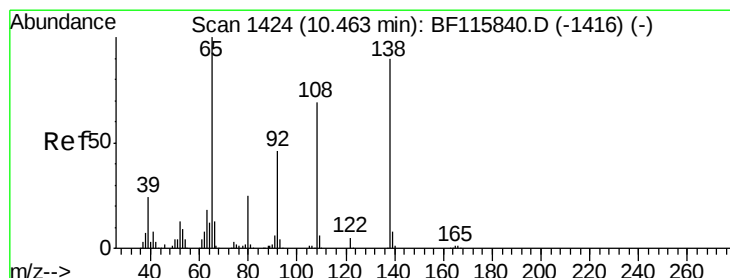
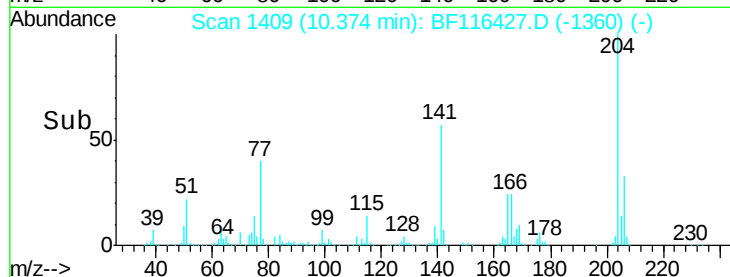
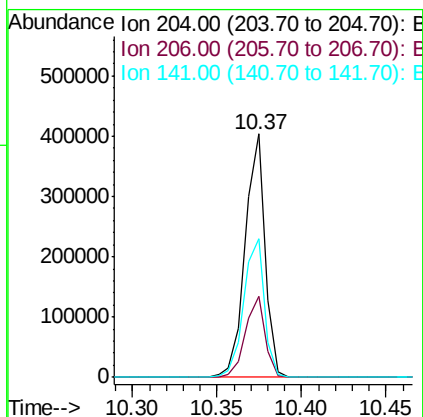
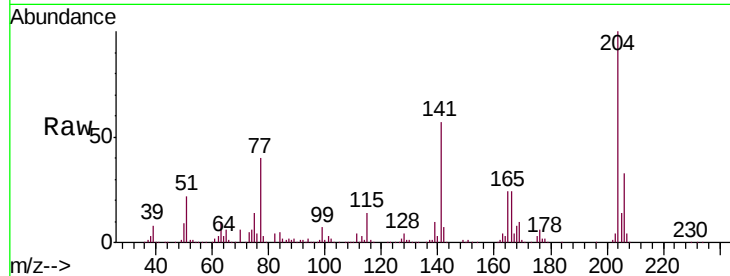




#61
4-Chlorophenyl-phenylether
Concen: 43.517 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF116427.D
Acq: 20 Aug 2019 11:44

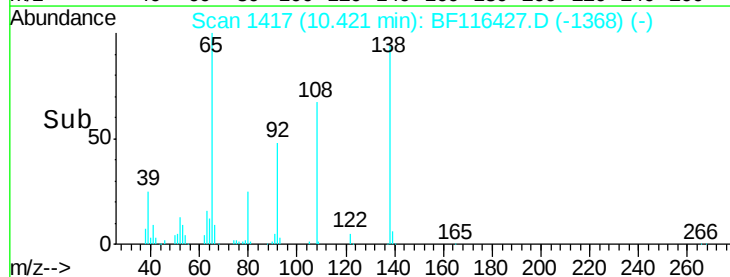
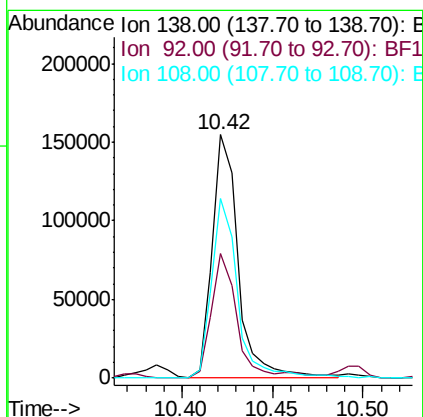
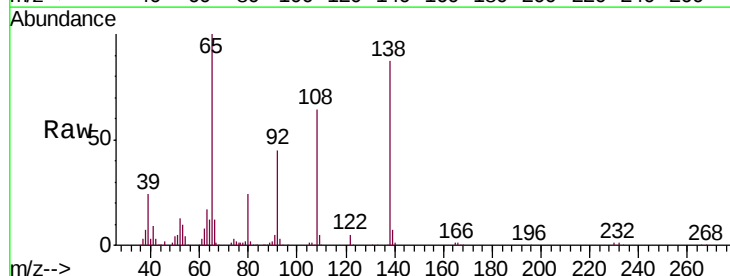
Instrument :
BNA_F
ClientSampleId :
PB122321BS

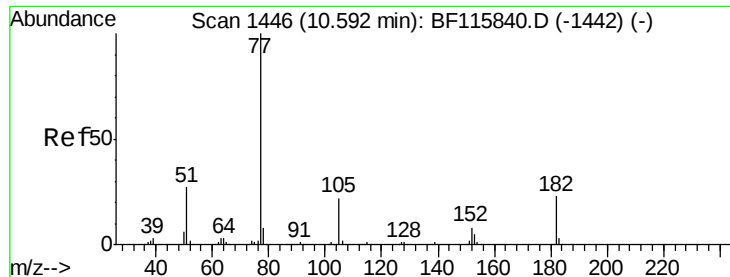
Tgt Ion:204 Resp: 334117
Ion Ratio Lower Upper
204 100
206 33.1 26.4 39.6
141 56.9 46.4 69.6



#62
4-Nitroaniline
Concen: 31.921 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF116427.D
Acq: 20 Aug 2019 11:44

Tgt Ion:138 Resp: 155394
Ion Ratio Lower Upper
138 100
92 51.1 29.0 69.0
108 73.8 54.7 94.7





#63

Azobenzene

Concen: 42.916 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.02 min

Lab File: BF116427.D

Acq: 20 Aug 2019 11:44

Instrument :

BNA_F

ClientSampleId :

PB122321BS

Tgt Ion: 77 Resp: 722950

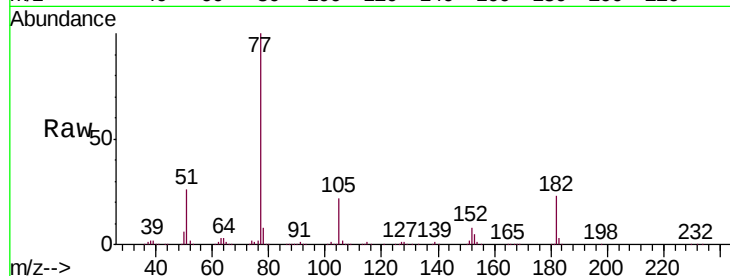
Ion Ratio Lower Upper

77 100

182 23.2 4.0 44.0

105 21.9 2.0 42.0

51 26.4 7.5 47.5

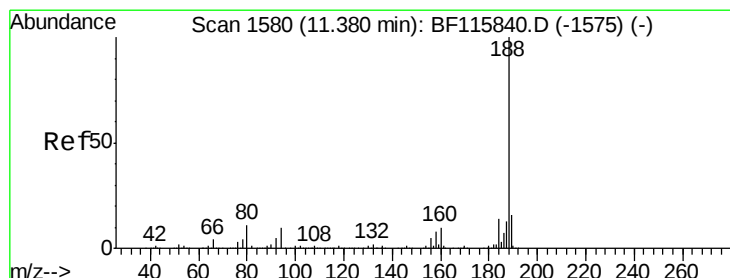
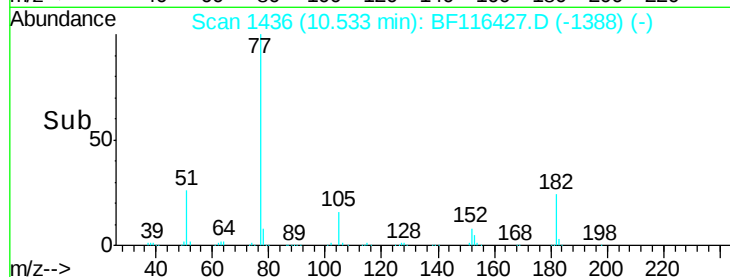
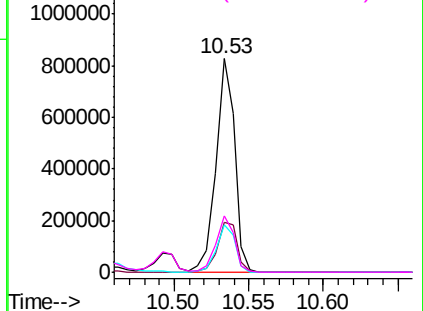


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF116427.D

Acq: 20 Aug 2019 11:44

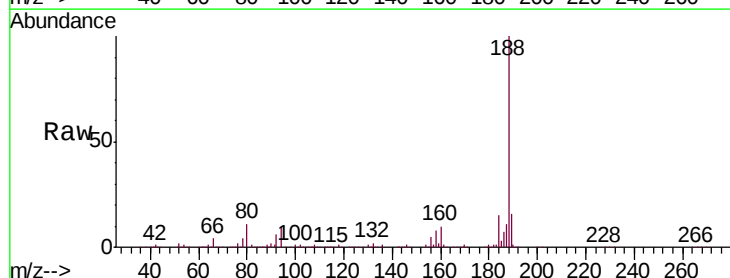
Tgt Ion: 188 Resp: 446957

Ion Ratio Lower Upper

188 100

94 10.3 8.1 12.1

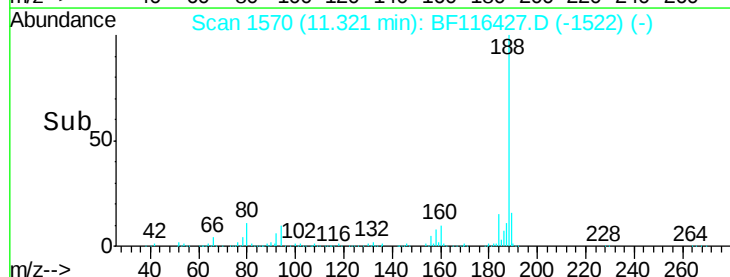
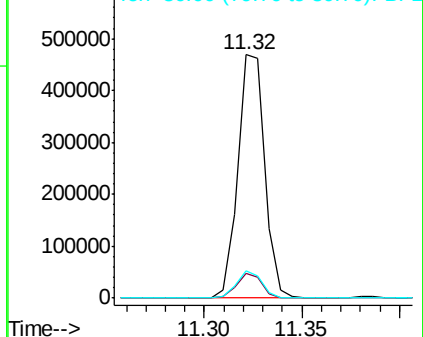
80 11.4 8.7 13.1

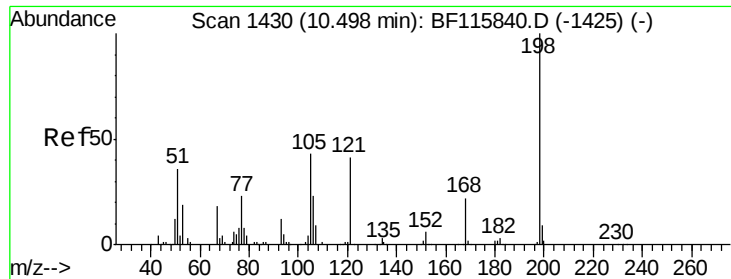


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 41.347 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF116427.D

Acq: 20 Aug 2019 11:44

Instrument :

BNA_F

ClientSampleId :

PB122321BS

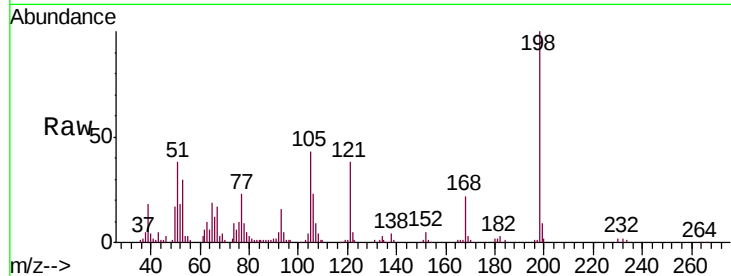
Tgt Ion:198 Resp: 97934

Ion Ratio Lower Upper

198 100

51 38.1 17.0 57.0

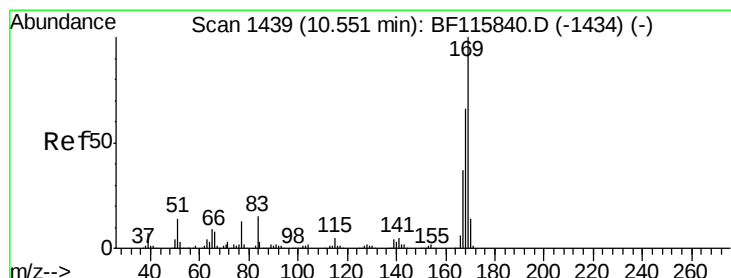
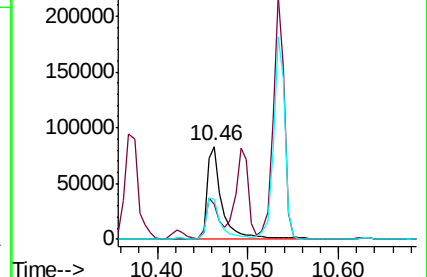
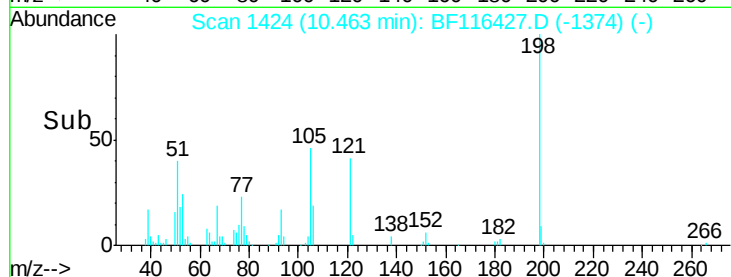
105 42.6 21.6 61.6



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: 43.354 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.01 min

Lab File: BF116427.D

Acq: 20 Aug 2019 11:44

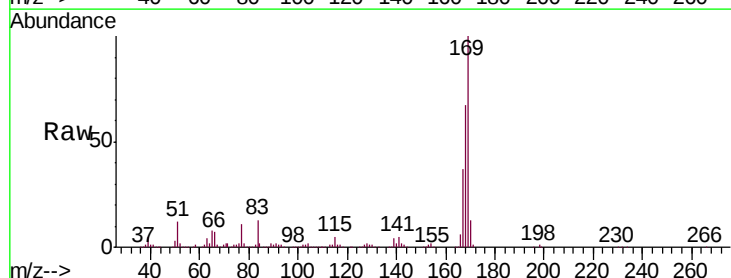
Tgt Ion:169 Resp: 583234

Ion Ratio Lower Upper

169 100

168 67.5 53.8 80.6

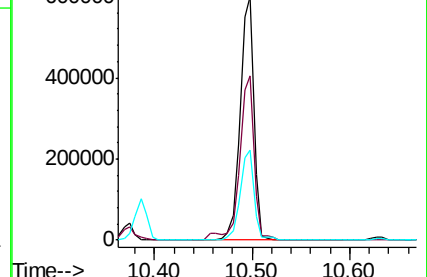
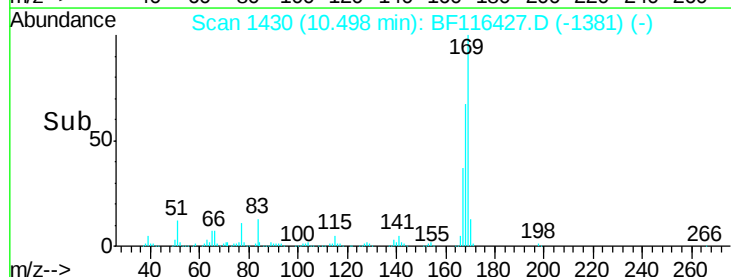
167 37.1 29.6 44.4



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

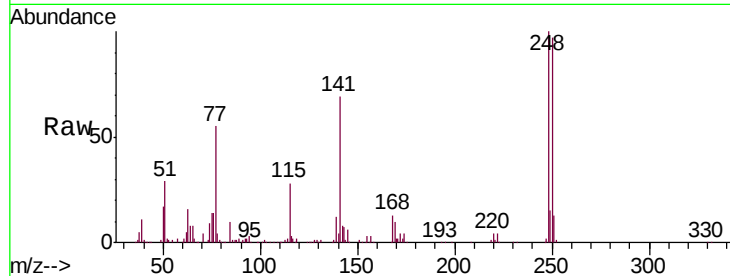




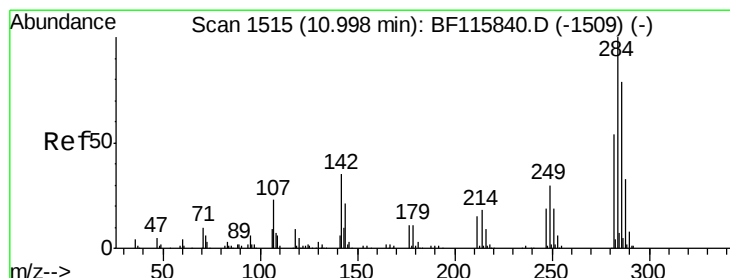
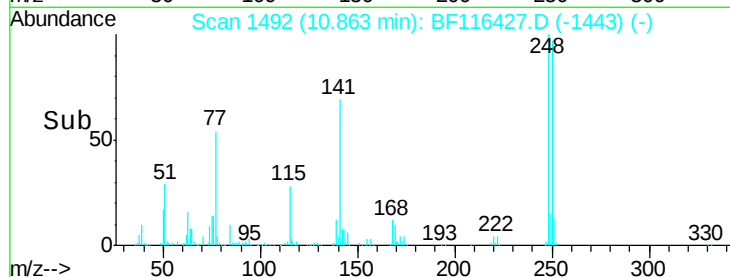
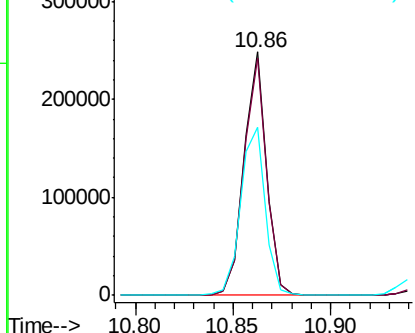
#67
4-Bromophenyl-phenylether
Concen: 41.589 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BF116427.D
Acq: 20 Aug 2019 11:44

Instrument :
BNA_F
ClientSampleId :
PB122321BS

Tgt Ion:248 Resp: 198991
Ion Ratio Lower Upper
248 100
250 97.4 77.4 116.2
141 69.2 56.8 85.2

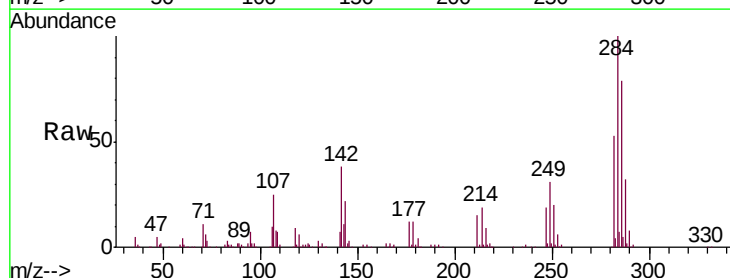


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

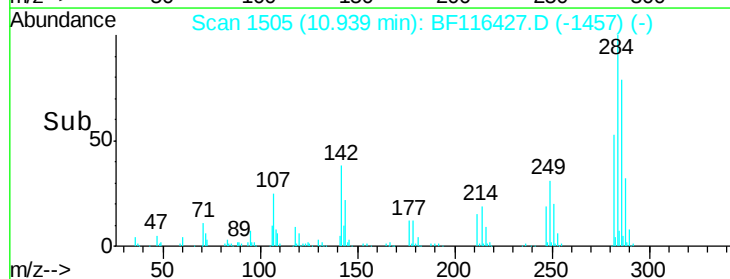
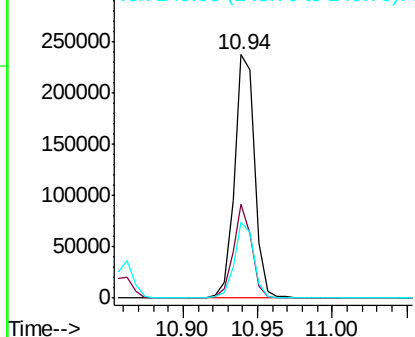


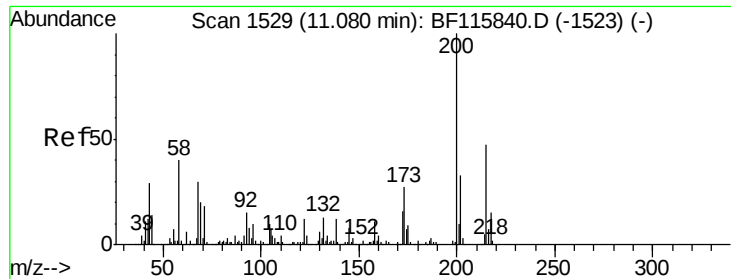
#68
Hexachlorobenzene
Concen: 40.757 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.02 min
Lab File: BF116427.D
Acq: 20 Aug 2019 11:44

Tgt Ion:284 Resp: 225496
Ion Ratio Lower Upper
284 100
142 38.3 28.4 42.6
249 31.0 24.5 36.7



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





#69

Atrazine

Concen: 39.792 ng

RT: 11.02 min Scan# 1519

Delta R.T. -0.01 min

Lab File: BF116427.D

Acq: 20 Aug 2019 11:44

Instrument :

BNA_F

ClientSampleId :

PB122321BS

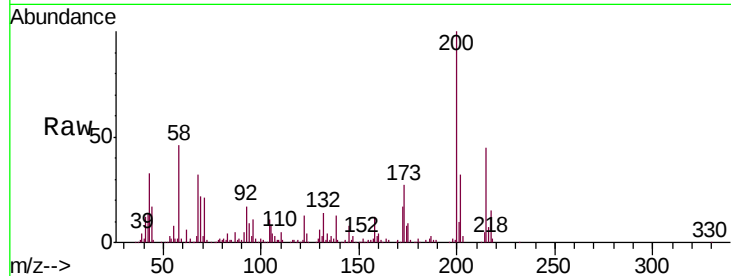
Tgt Ion:200 Resp: 176110

Ion Ratio Lower Upper

200 100

173 26.5 6.8 46.8

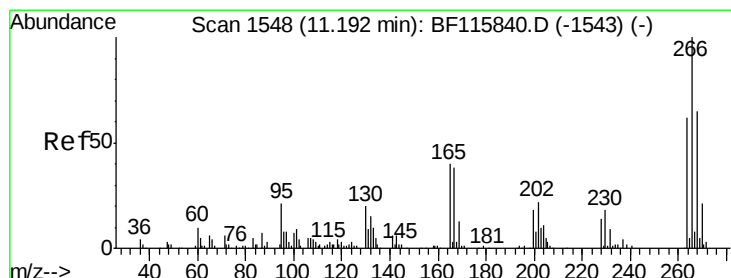
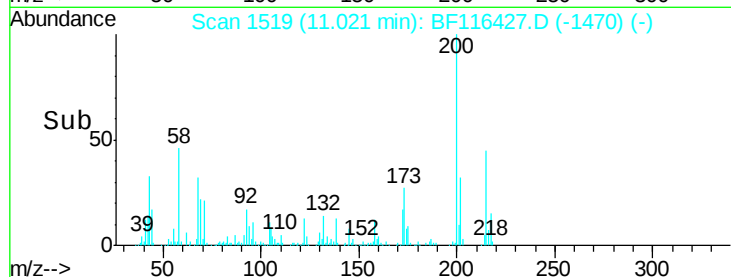
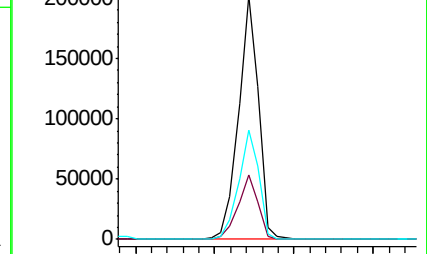
215 44.9 27.5 67.5



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: 57.364 ng

RT: 11.14 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BF116427.D

Acq: 20 Aug 2019 11:44

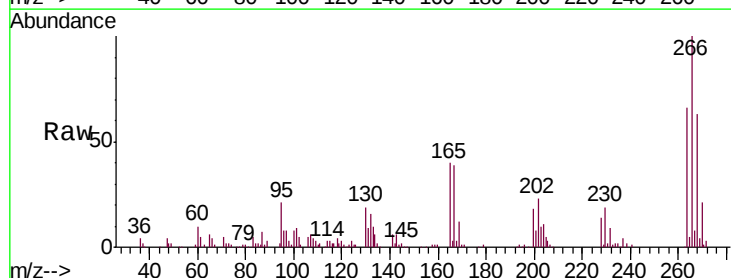
Tgt Ion:266 Resp: 154085

Ion Ratio Lower Upper

266 100

268 63.3 48.8 73.2

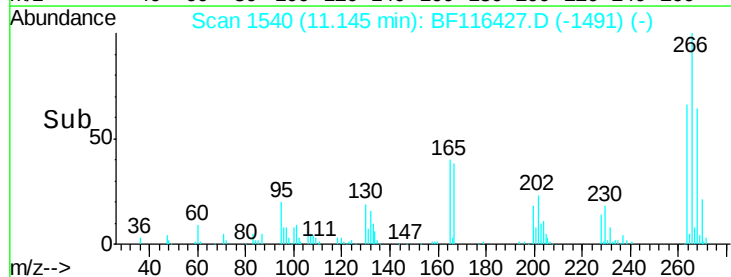
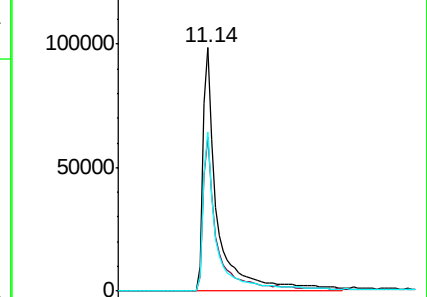
264 65.5 50.6 76.0

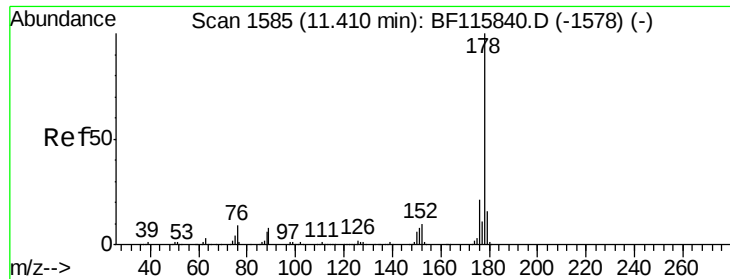


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

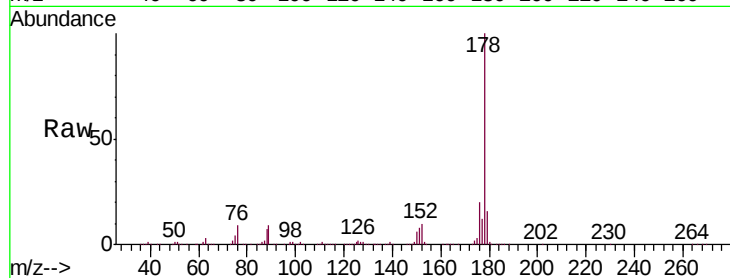




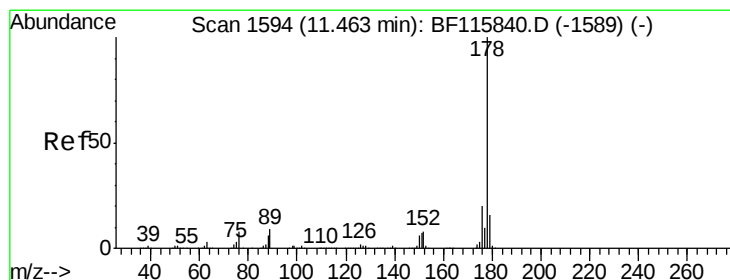
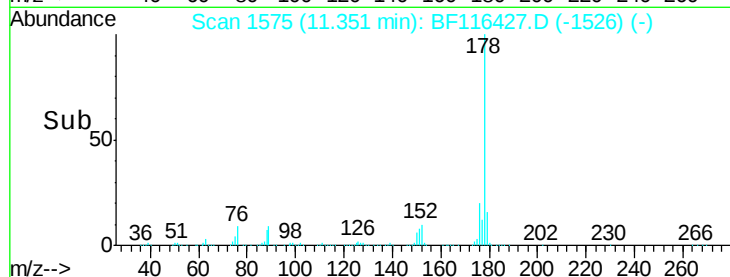
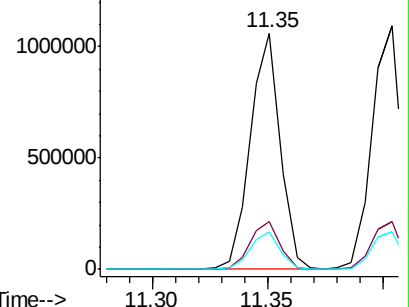
#71
Phenanthrene
Concen: 41.869 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF116427.D
Acq: 20 Aug 2019 11:44

Instrument :
BNA_F
ClientSampleId :
PB122321BS

Tgt Ion:178 Resp: 956675
Ion Ratio Lower Upper
178 100
176 20.5 16.6 24.8
179 15.8 12.5 18.7

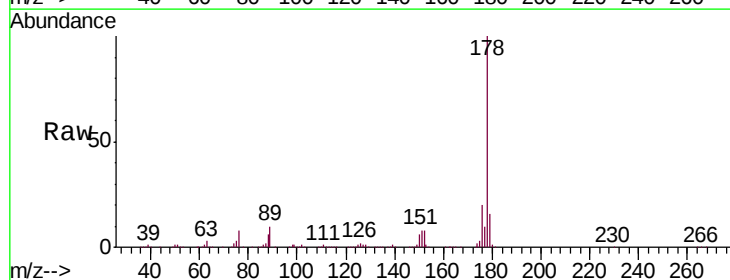


Abundance Ion 178.00 (177.70 to 178.70): E
1500000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

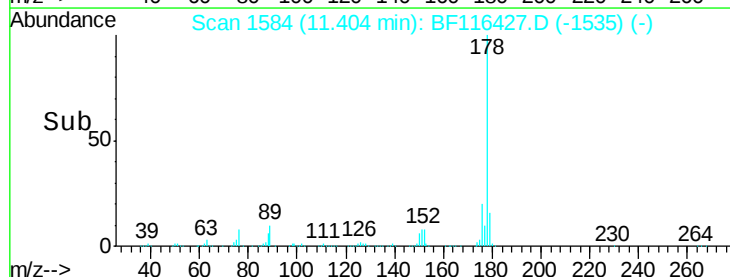
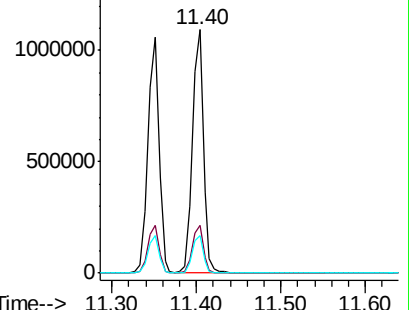


#72
Anthracene
Concen: 42.890 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF116427.D
Acq: 20 Aug 2019 11:44

Tgt Ion:178 Resp: 991812
Ion Ratio Lower Upper
178 100
176 19.7 15.7 23.5
179 15.5 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E
1500000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

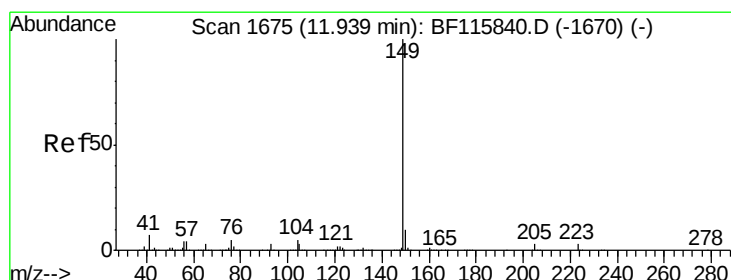
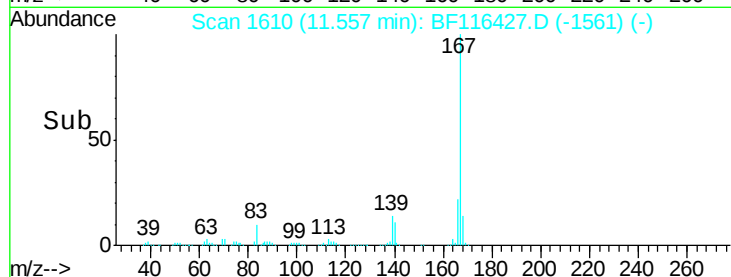
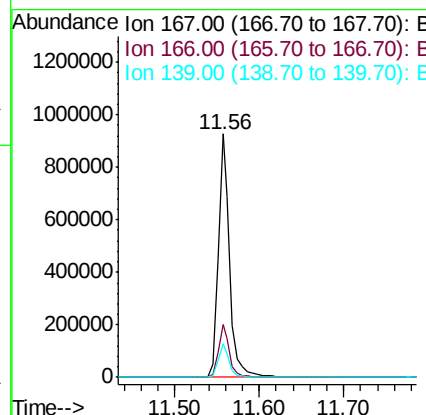
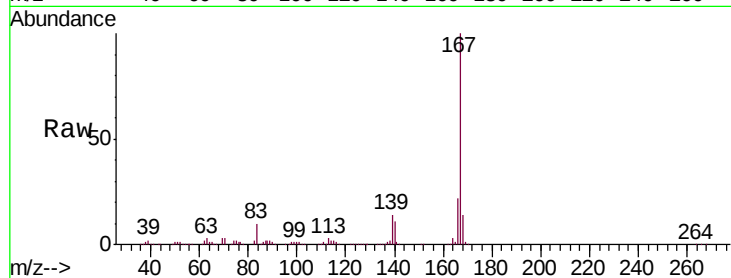




#73
 Carbazole
 Concen: 42.167 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF116427.D
 Acq: 20 Aug 2019 11:44

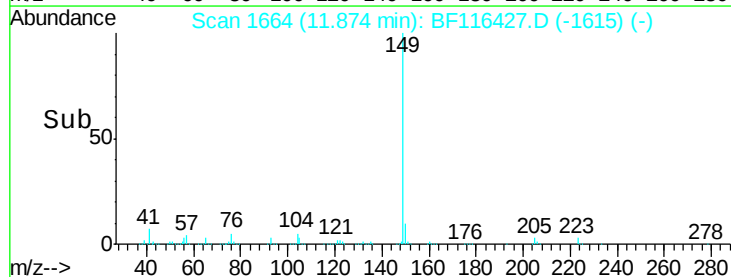
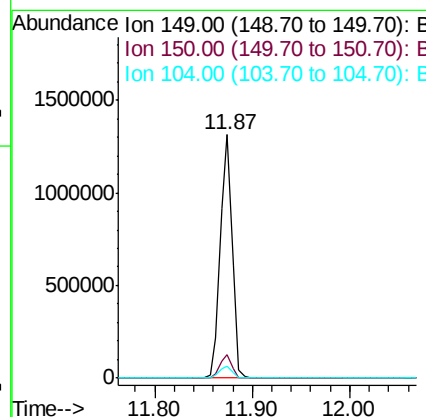
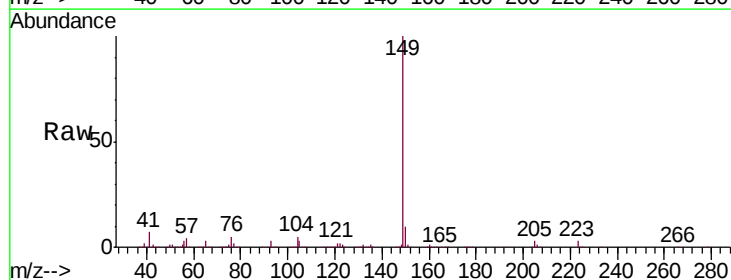
Instrument :
 BNA_F
 ClientSampleId :
 PB122321BS

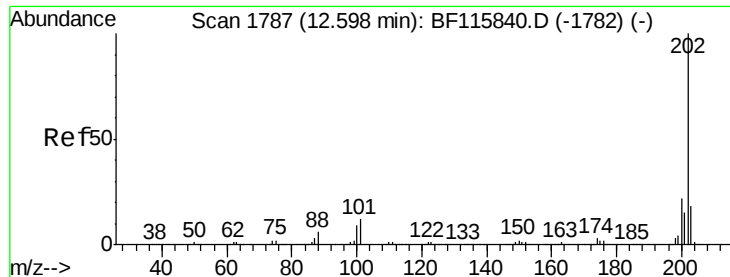
Tgt Ion:167 Resp: 884659
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.8 26.6
 139 13.9 11.4 17.0



#74
 Di-n-butylphthalate
 Concen: 45.293 ng
 RT: 11.87 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BF116427.D
 Acq: 20 Aug 2019 11:44

Tgt Ion:149 Resp: 1108505
 Ion Ratio Lower Upper
 149 100
 150 9.7 8.0 12.0
 104 5.2 4.5 6.7

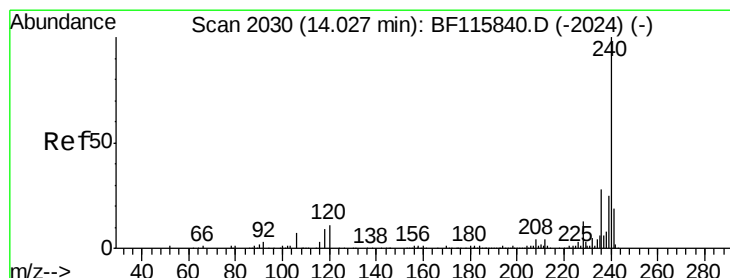
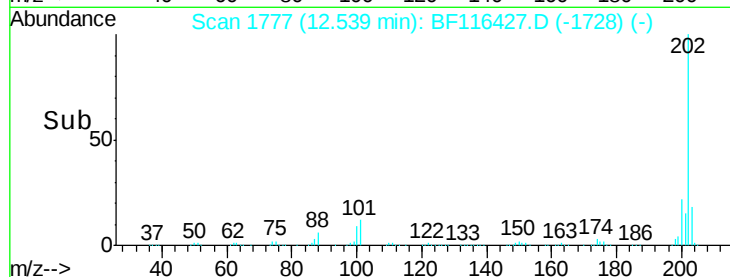
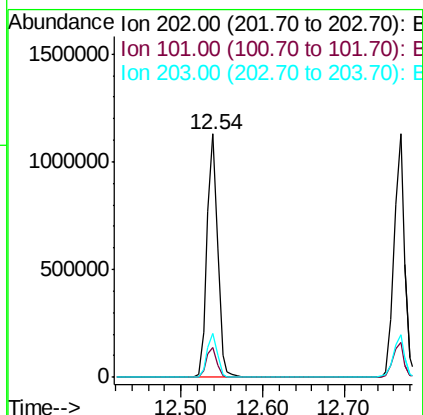
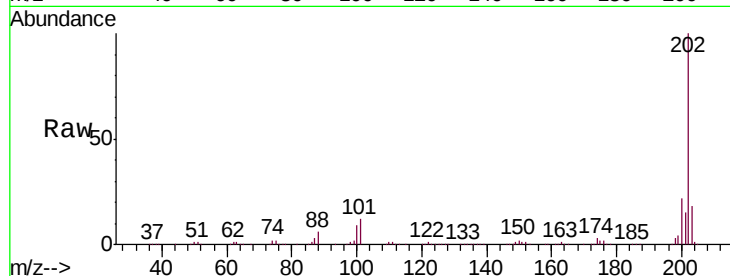




#75
Fluoranthene
 Concen: 42.516 ng
 RT: 12.54 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BF116427.D
 Acq: 20 Aug 2019 11:44

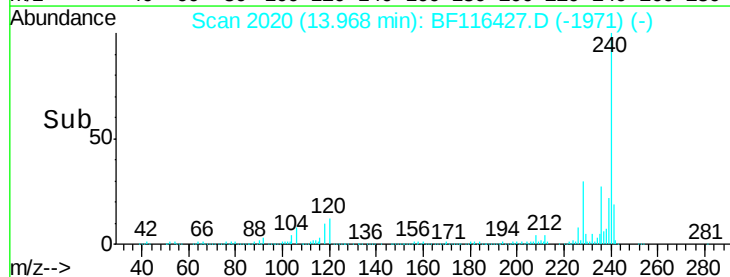
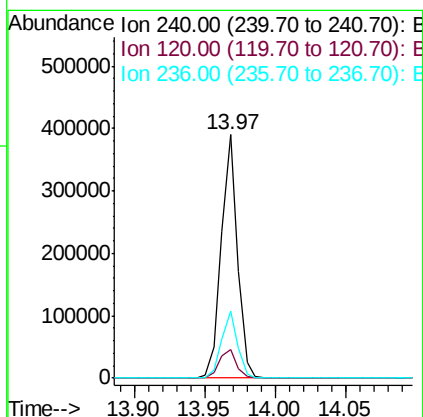
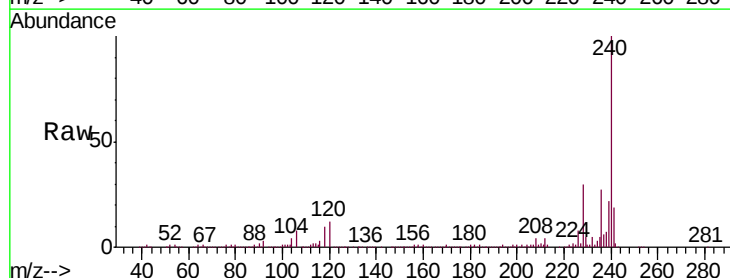
Instrument :
 BNA_F
 ClientSampleId :
 PB122321BS

Tgt Ion: 202 Resp: 1017036
 Ion Ratio Lower Upper
 202 100
 101 12.4 0.0 31.2
 203 17.9 0.0 37.8



#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF116427.D
 Acq: 20 Aug 2019 11:44

Tgt Ion: 240 Resp: 312924
 Ion Ratio Lower Upper
 240 100
 120 11.5 10.7 16.1
 236 27.4 22.2 33.2





#77

Benzidine

Concen: 25.188 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.02 min

Lab File: BF116427.D

Acq: 20 Aug 2019 11:44

Instrument :

BNA_F

ClientSampleId :

PB122321BS

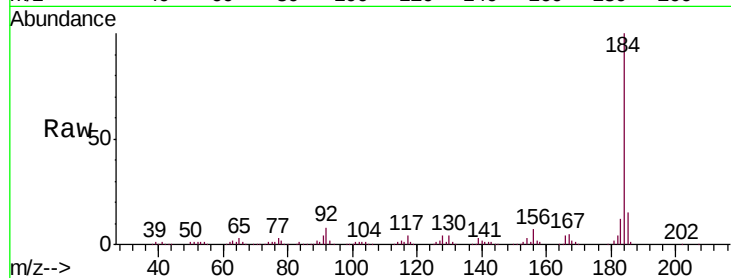
Tgt Ion:184 Resp: 266289

Ion Ratio Lower Upper

184 100

185 15.0 12.8 19.2

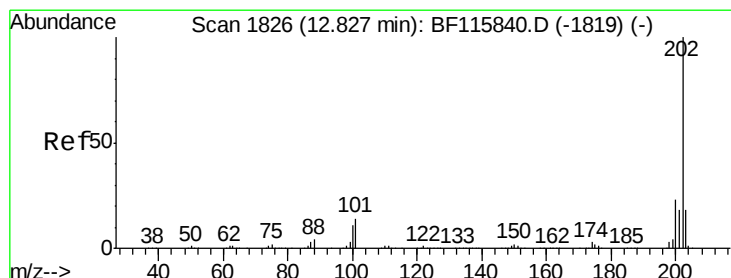
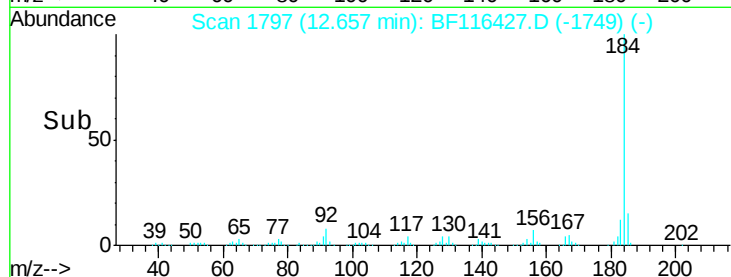
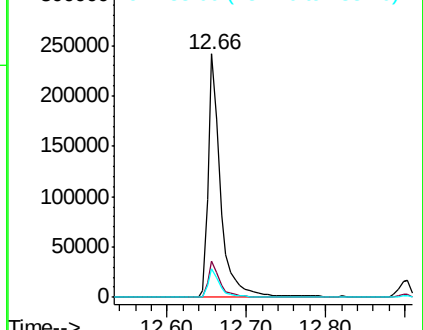
183 11.6 9.4 14.0



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: 43.277 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF116427.D

Acq: 20 Aug 2019 11:44

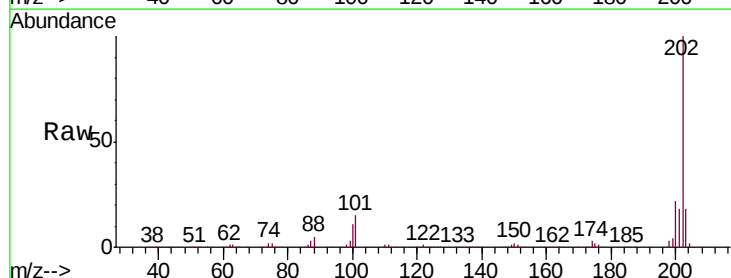
Tgt Ion:202 Resp: 1020845

Ion Ratio Lower Upper

202 100

200 22.5 18.0 27.0

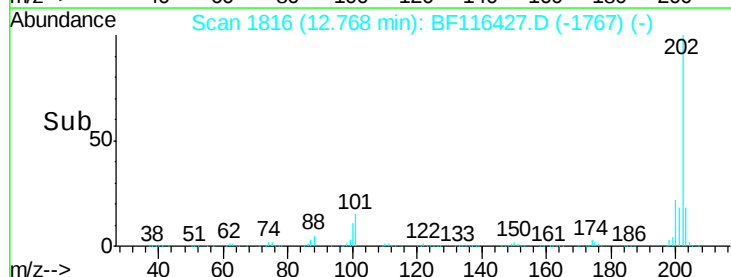
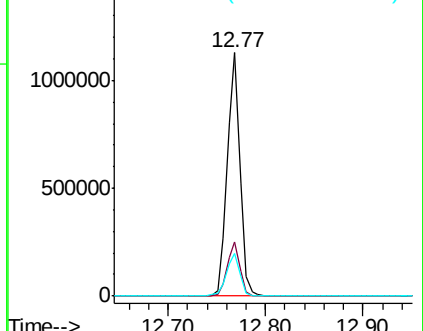
203 17.6 14.1 21.1



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

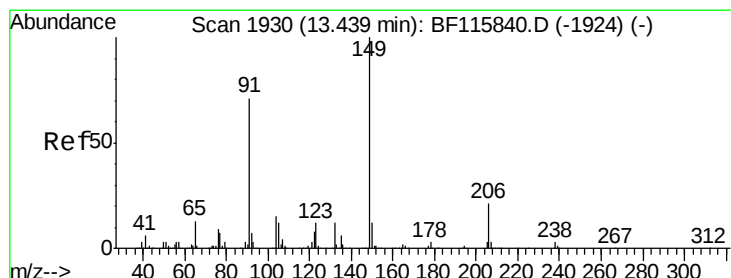
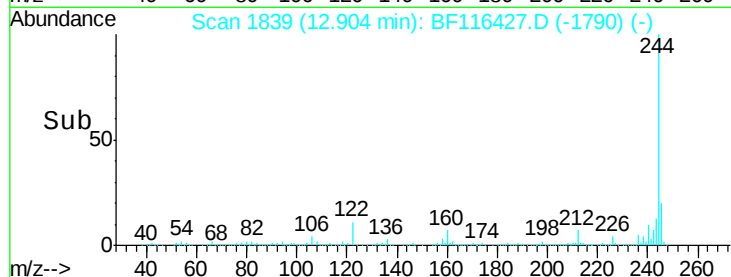
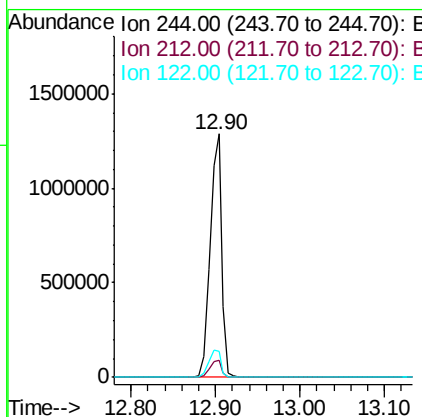
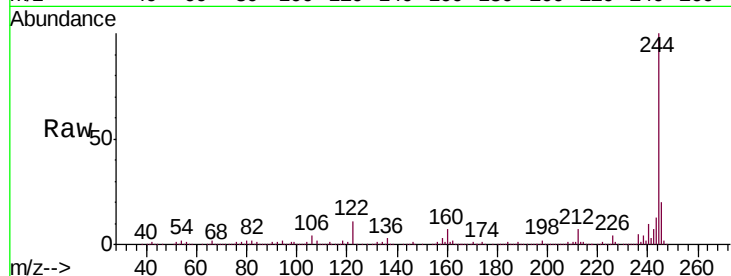




#79
 Terphenyl-d14
 Concen: 83.824 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF116427.D
 Acq: 20 Aug 2019 11:44

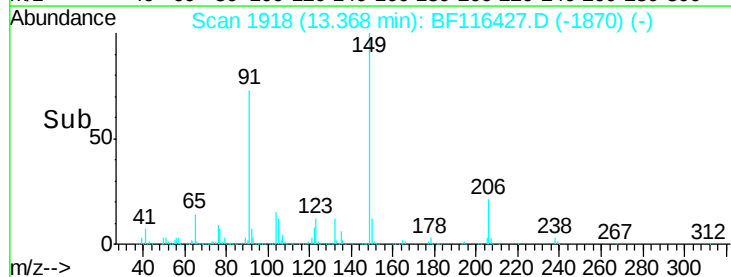
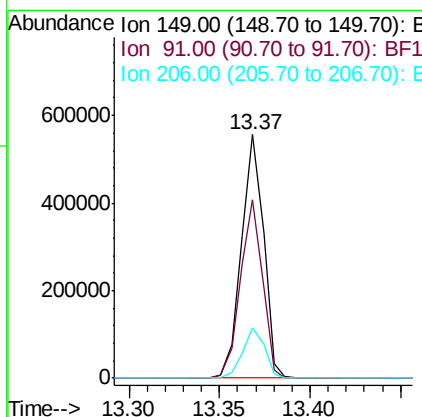
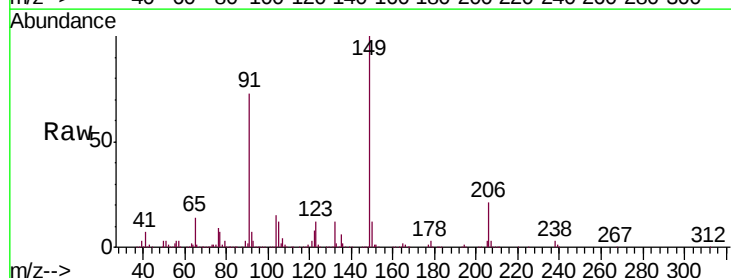
Instrument :
 BNA_F
 ClientSampleId :
 PB122321BS

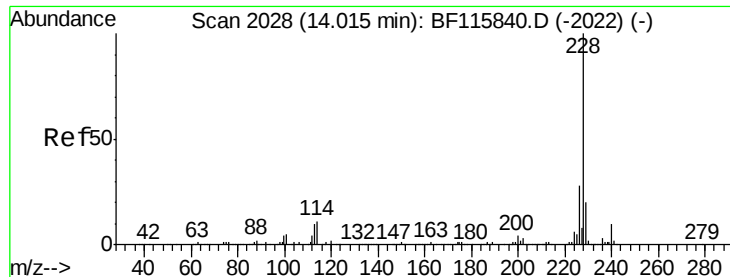
Tgt Ion:244 Resp: 1244833
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 10.9 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 47.253 ng
 RT: 13.37 min Scan# 1918
 Delta R.T. -0.02 min
 Lab File: BF116427.D
 Acq: 20 Aug 2019 11:44

Tgt Ion:149 Resp: 471494
 Ion Ratio Lower Upper
 149 100
 91 73.4 56.3 84.5
 206 20.5 18.0 27.0





#81

Benzo(a)anthracene

Concen: 42.103 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF116427.D

Acq: 20 Aug 2019 11:44

Instrument :

BNA_F

ClientSampleId :

PB122321BS

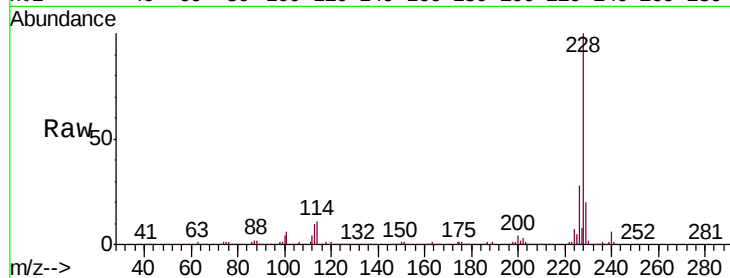
Tgt Ion:228 Resp: 842108

Ion Ratio Lower Upper

228 100

226 27.6 22.7 34.1

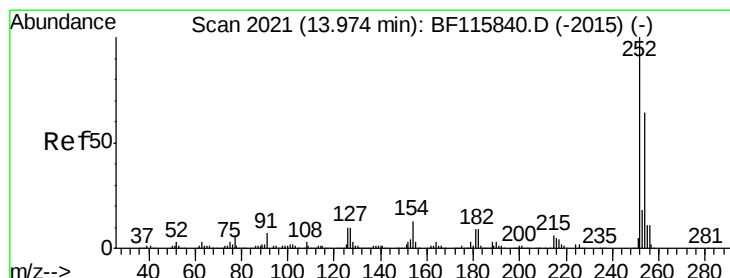
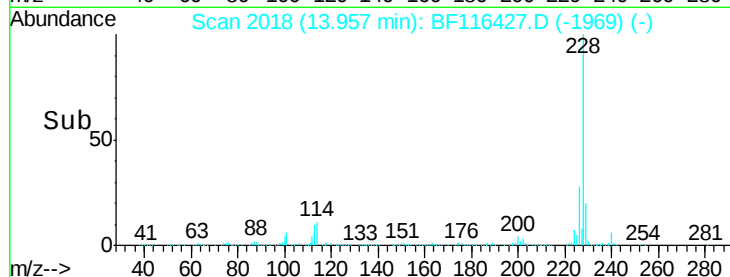
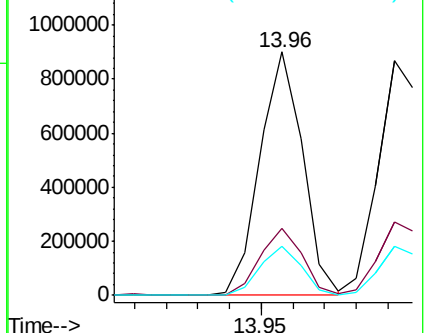
229 20.1 16.2 24.4



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: 37.594 ng

RT: 13.91 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF116427.D

Acq: 20 Aug 2019 11:44

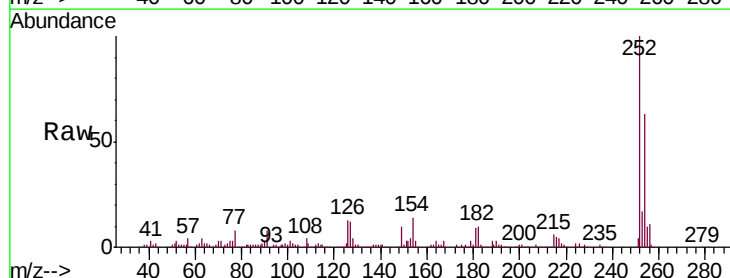
Tgt Ion:252 Resp: 261228

Ion Ratio Lower Upper

252 100

254 63.3 50.9 76.3

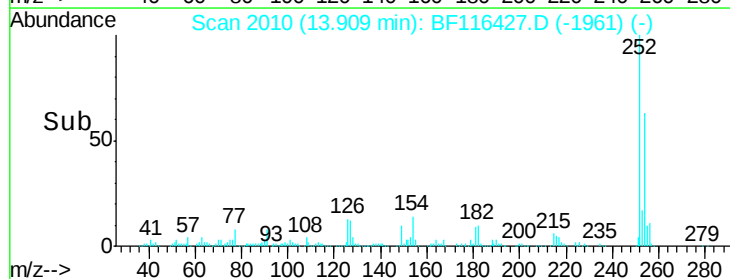
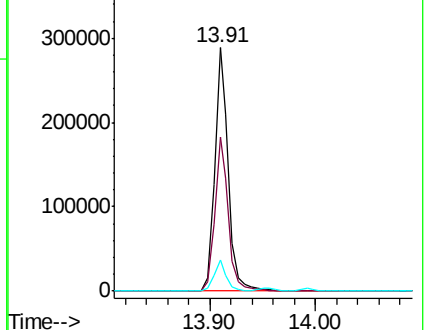
126 12.7 9.8 14.8



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: 42.548 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF116427.D

Acq: 20 Aug 2019 11:44

Instrument :

BNA_F

ClientSampleId :

PB122321BS

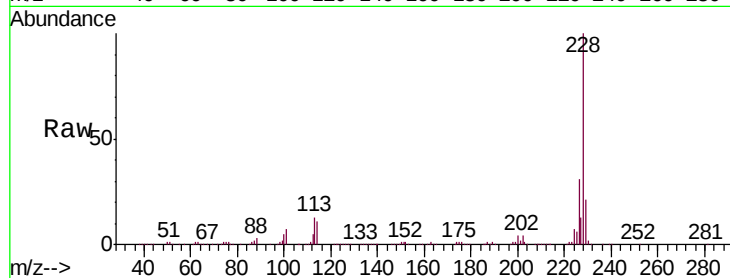
Tgt Ion:228 Resp: 826187

Ion Ratio Lower Upper

228 100

226 31.4 25.5 38.3

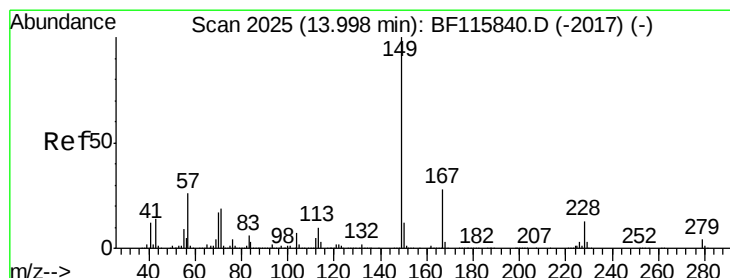
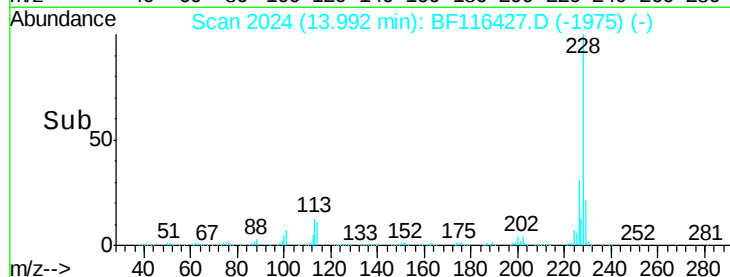
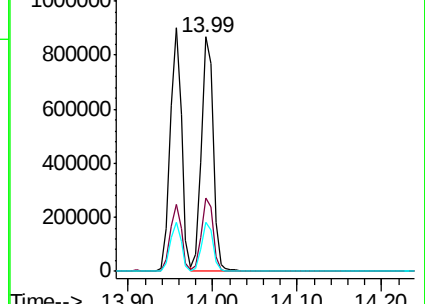
229 20.7 16.6 24.8



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: 50.105 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF116427.D

Acq: 20 Aug 2019 11:44

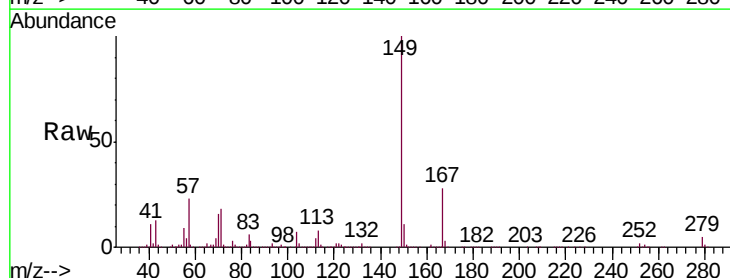
Tgt Ion:149 Resp: 649683

Ion Ratio Lower Upper

149 100

167 28.4 21.6 32.4

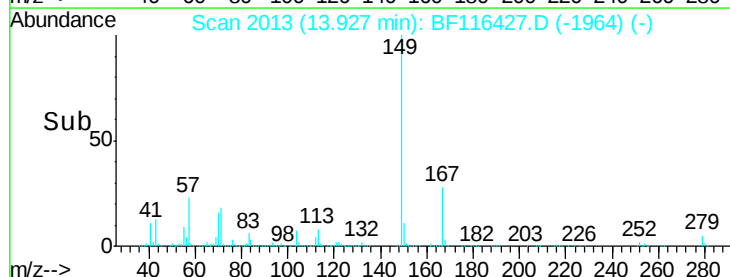
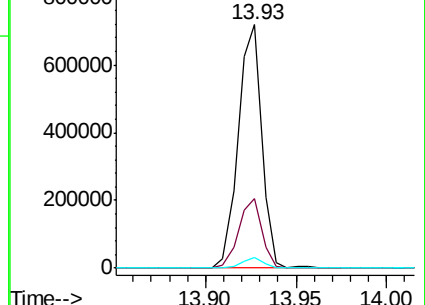
279 4.5 3.0 4.4#

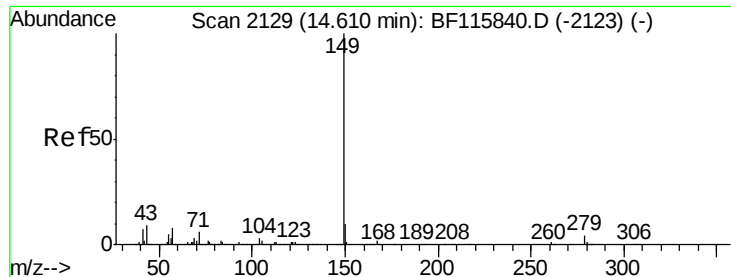


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

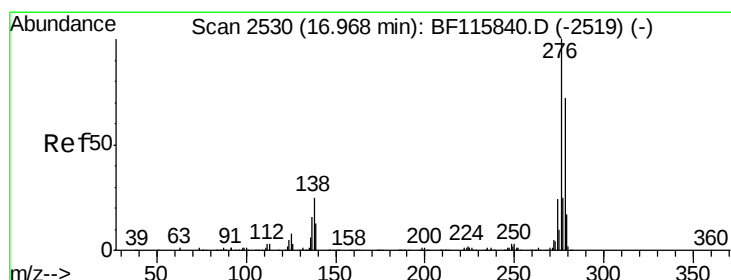
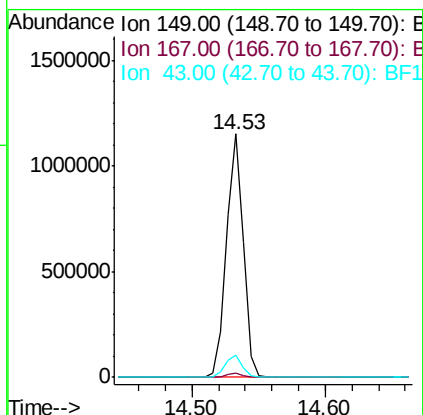
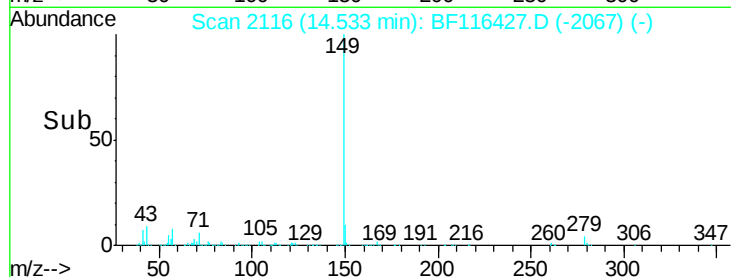
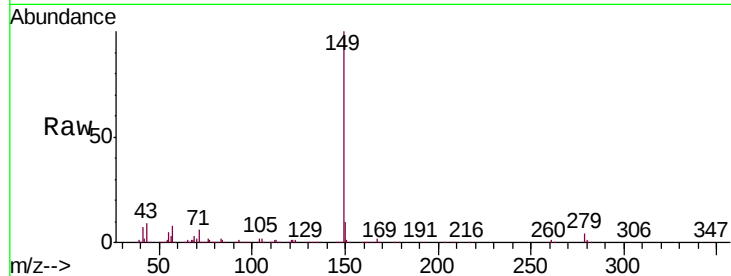




#85
 Di-n-octyl phthalate
 Concen: 50.037 ng
 RT: 14.53 min Scan# 2116
 Delta R.T. -0.01 min
 Lab File: BF116427.D
 Acq: 20 Aug 2019 11:44

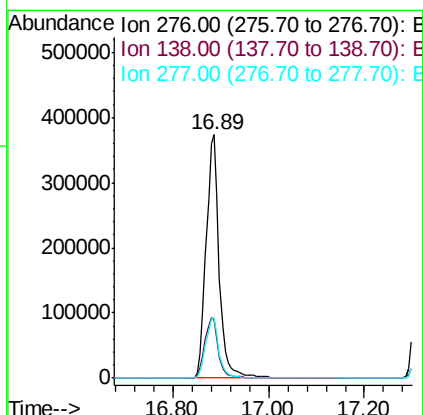
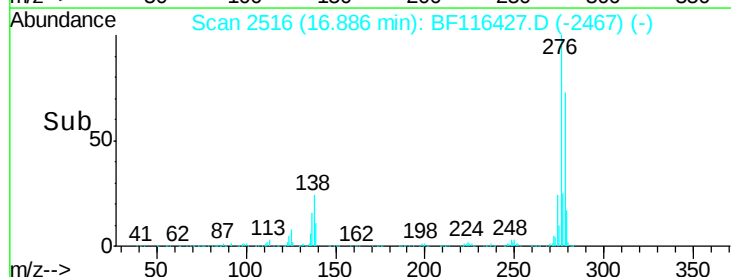
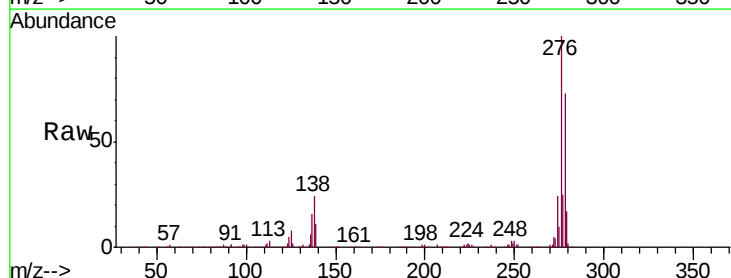
Instrument :
 BNA_F
 ClientSampleId :
 PB122321BS

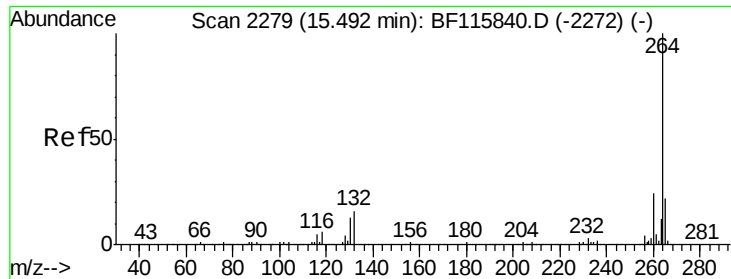
Tgt Ion:149 Resp: 1030532
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.4 2.0
 43 9.0 7.5 11.3



#86
 Indeno(1,2,3-cd)pyrene
 Concen: 43.752 ng
 RT: 16.89 min Scan# 2516
 Delta R.T. -0.01 min
 Lab File: BF116427.D
 Acq: 20 Aug 2019 11:44

Tgt Ion:276 Resp: 713544
 Ion Ratio Lower Upper
 276 100
 138 25.9 20.4 30.6
 277 25.0 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: BF116427.D

Acq: 20 Aug 2019 11:44

Instrument :

BNA_F

ClientSampleId :

PB122321BS

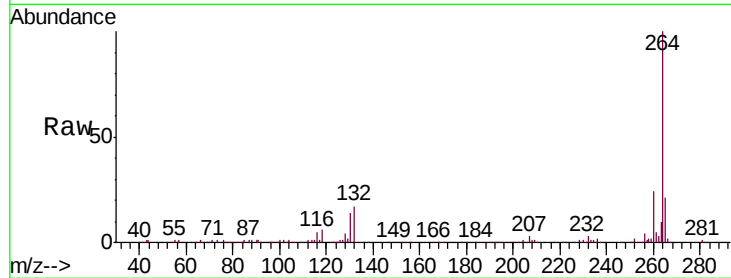
Tgt Ion:264 Resp: 262575

Ion Ratio Lower Upper

264 100

260 23.9 19.7 29.5

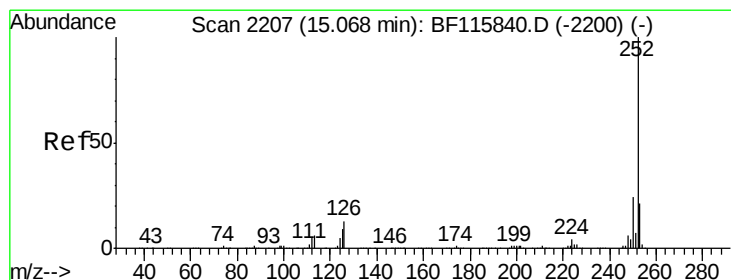
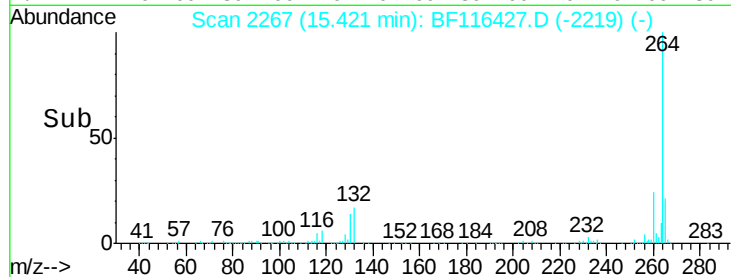
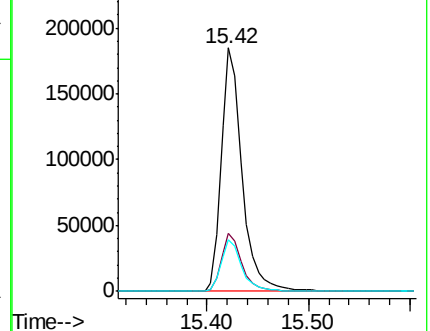
265 21.0 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 49.607 ng

RT: 15.00 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BF116427.D

Acq: 20 Aug 2019 11:44

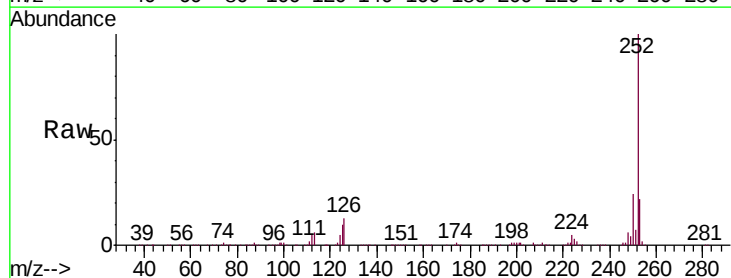
Tgt Ion:252 Resp: 753158

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

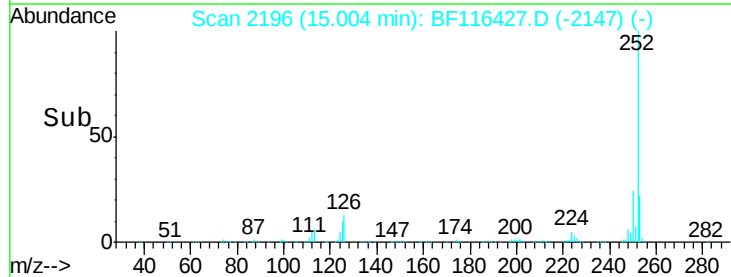
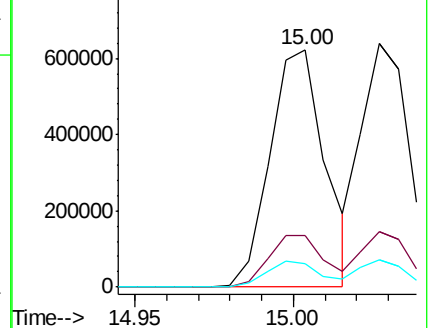
125 9.8 8.4 12.6

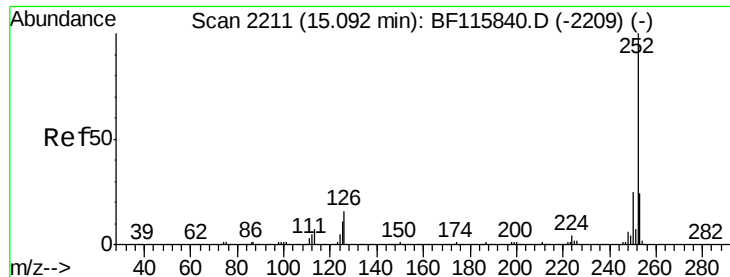


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

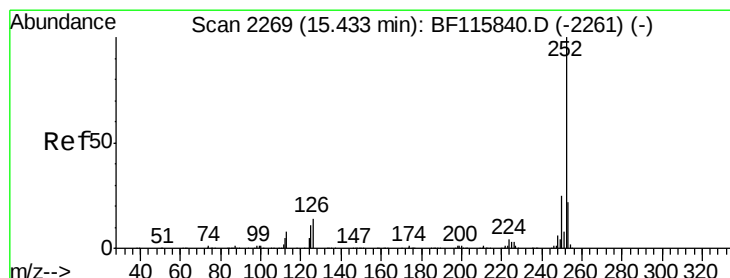
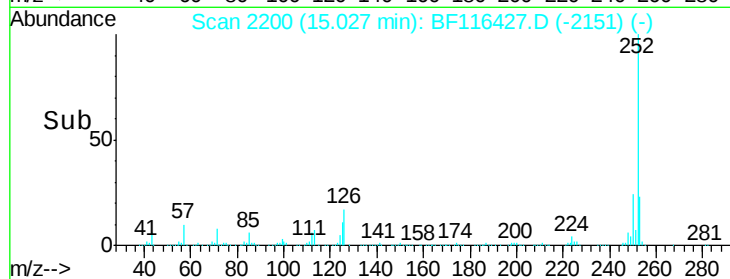
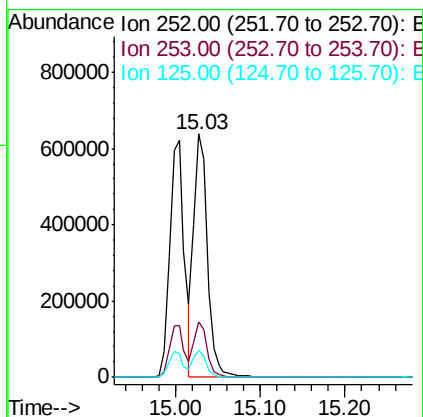
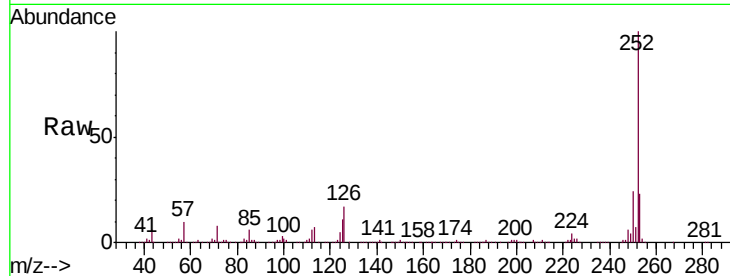




#89
Benzo(k)fluoranthene
Concen: 47.570 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF116427.D
Acq: 20 Aug 2019 11:44

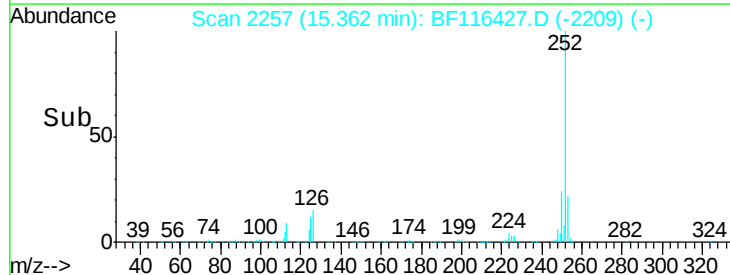
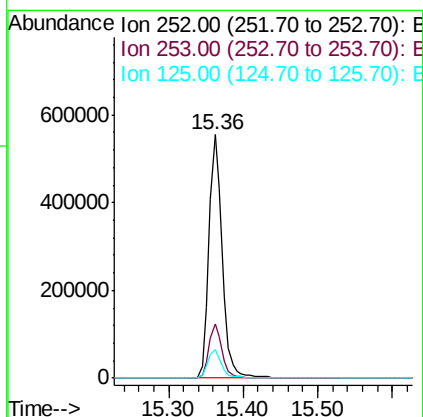
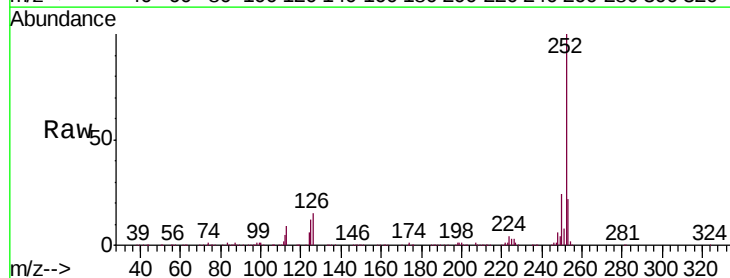
Instrument :
BNA_F
ClientSampleId :
PB122321BS

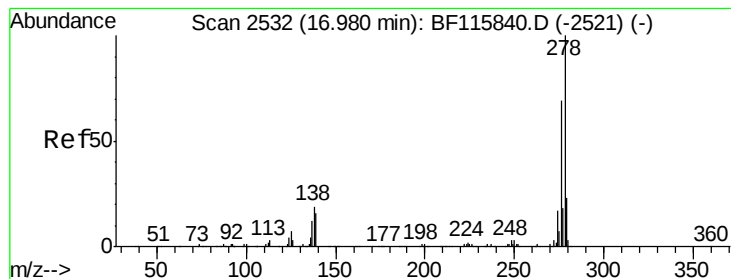
Tgt Ion:252 Resp: 703454
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 11.5 7.7 11.5



#90
Benzo(a)pyrene
Concen: 50.375 ng
RT: 15.36 min Scan# 2257
Delta R.T. -0.02 min
Lab File: BF116427.D
Acq: 20 Aug 2019 11:44

Tgt Ion:252 Resp: 683688
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 12.0 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 51.555 ng

RT: 16.88 min Scan# 2515

Delta R.T. -0.02 min

Lab File: BF116427.D

Acq: 20 Aug 2019 11:44

Instrument :

BNA_F

ClientSampleId :

PB122321BS

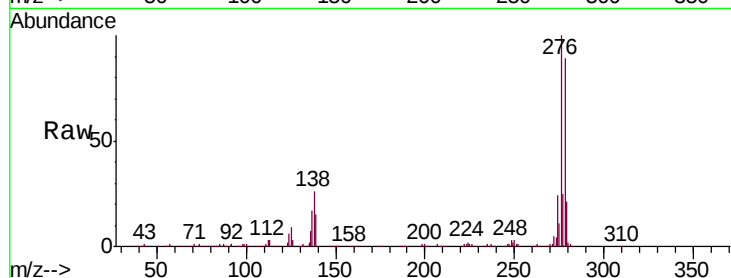
Tgt Ion: 278 Resp: 605670

Ion Ratio Lower Upper

278 100

139 16.6 12.8 19.2

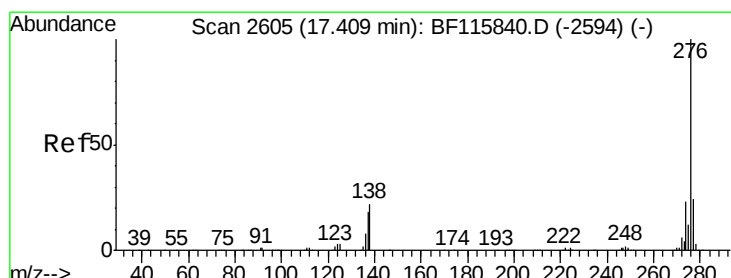
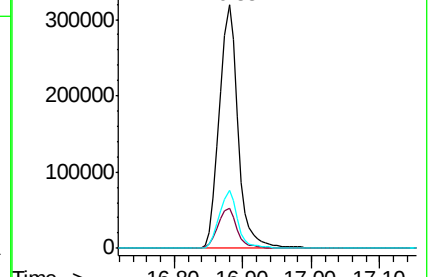
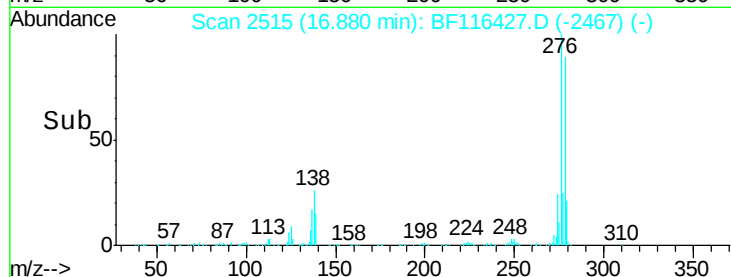
279 23.6 18.8 28.2



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: 52.505 ng

RT: 17.32 min Scan# 2590

Delta R.T. -0.02 min

Lab File: BF116427.D

Acq: 20 Aug 2019 11:44

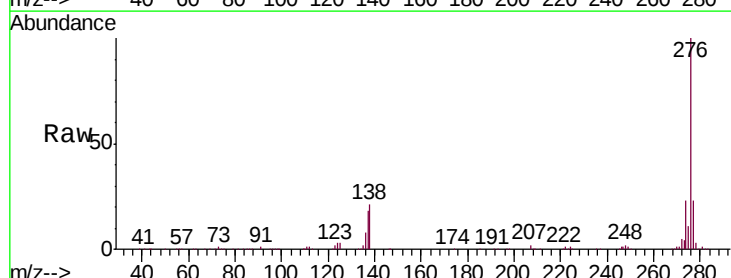
Tgt Ion: 276 Resp: 605785

Ion Ratio Lower Upper

276 100

277 23.5 18.4 27.6

138 21.1 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

