

Data File : BF108907.D
Acq On : 10 Sep 2018 21:38
Operator : JU/SJ
Sample : J4821-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ENY-BC-02

Quant Time: Sep 11 03:03:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	196036	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	707222	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	304338	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	495029	20.00	ng	0.00
75) Chrysene-d12	13.88	240	410829	20.00	ng	0.01
86) Perylene-d12	15.29	264	268820	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.35	112	1110537	93.85	ng	0.02
7) Phenol-d6	6.38	99	1432793	94.11	ng	0.01
23) Nitrobenzene-d5	7.30	82	930138	82.31	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	263169	90.58	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1457789	81.72	ng	0.00
78) Terphenyl-d14	12.83	244	1134957	64.42	ng	0.00

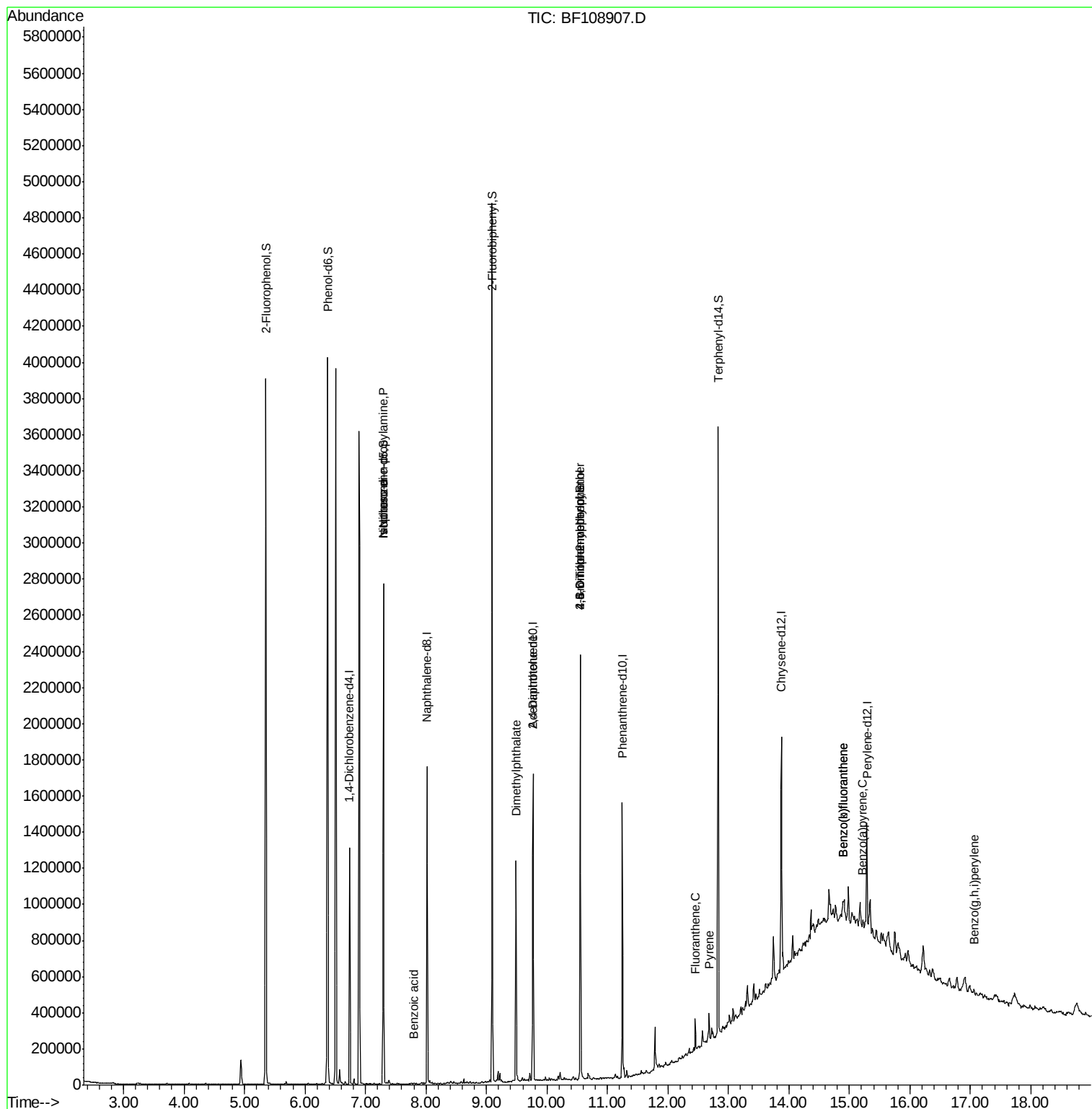
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.30	70	125735	11.881	ng	# 76
25) Isophorone	7.30	82	926813	41.115	ng	# 64
32) Benzoic acid	7.81	122	265	4.061	ng	# 1
49) Dimethylphthalate	9.49	163	451646	21.218	ng	99
56) 2,4-Dinitrotoluene	9.77	165	39426	7.601	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	562	7.116	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	16180	2.894	ng	# 1
74) Fluoranthene	12.45	202	62310	2.662	ng	96
77) Pyrene	12.68	202	67264	2.128	ng	99
87) Benzo(b)fluoranthene	14.89	252	58445	3.998	ng	# 64
88) Benzo(k)fluoranthene	14.89	252	58445	4.342	ng	# 68
89) Benzo(a)pyrene	15.23	252	30007	2.275	ng	# 73
91) Benzo(g,h,i)perylene	17.06	276	27493	2.363	ng	# 92

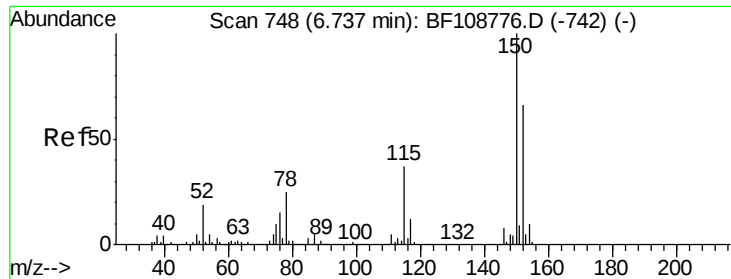
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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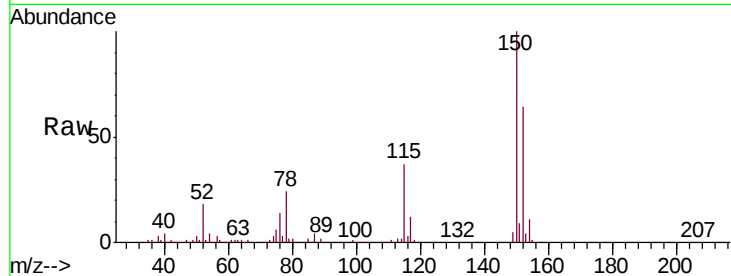


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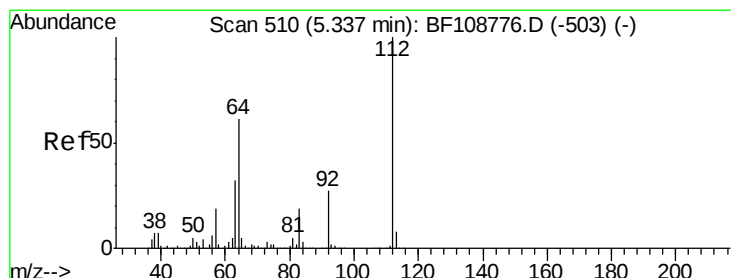
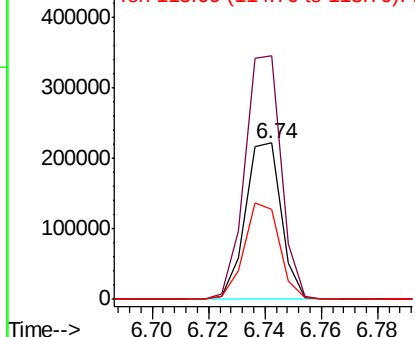
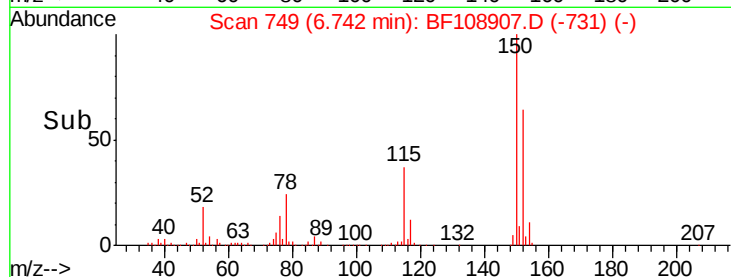
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 749
Delta R.T. 0.01 min
Lab File: BF108907.D
Acq: 10 Sep 2018 21:38

Instrument :
BNA_F
ClientSampleId :
ENY-BC-02

Tgt Ion:152 Resp: 196036
Ion Ratio Lower Upper
152 100
150 155.8 124.6 186.8
115 57.7 50.1 75.1



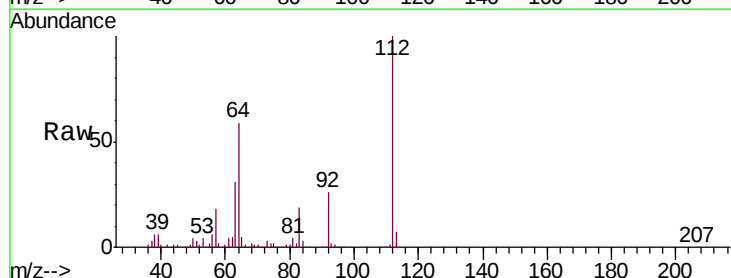
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



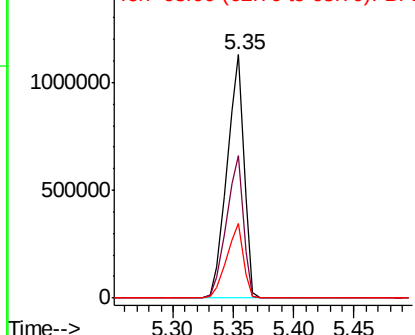
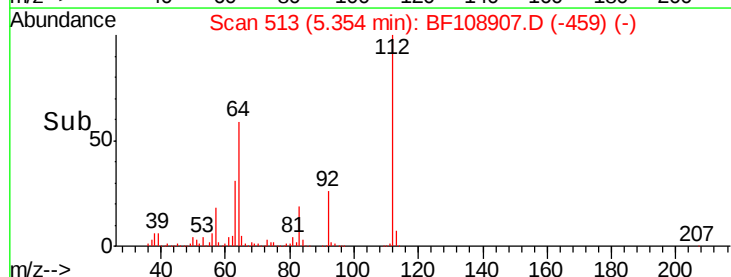
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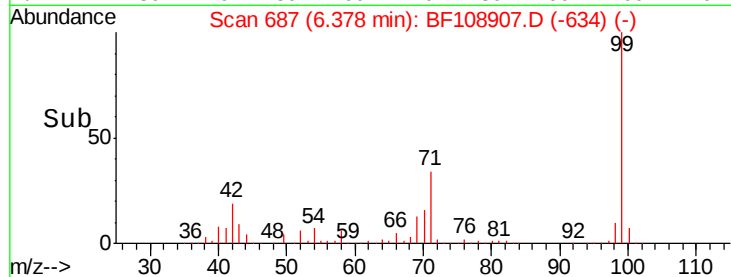
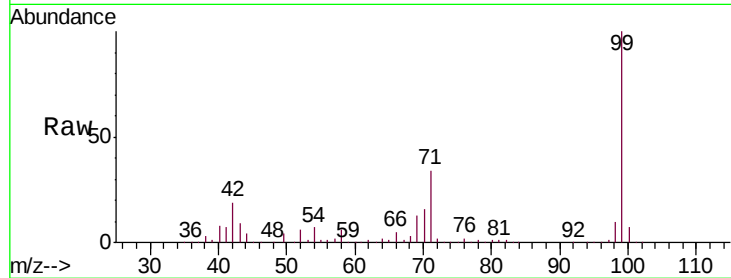
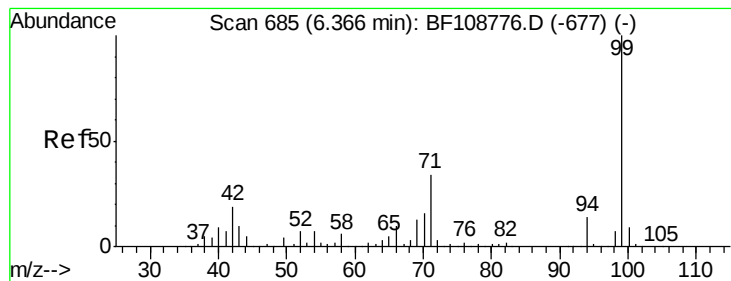
2-Fluorophenol
Concen: 93.850 ng
RT: 5.35 min Scan# 513
Delta R.T. 0.02 min
Lab File: BF108907.D
Acq: 10 Sep 2018 21:38

Tgt Ion:112 Resp: 1110537
Ion Ratio Lower Upper
112 100
64 58.7 47.9 71.9
63 30.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 94.107 ng

RT: 6.38 min Scan# 687

Delta R.T. 0.01 min

Lab File: BF108907.D

Acq: 10 Sep 2018 21:38

Instrument :

BNA_F

ClientSampleId :

ENY-BC-02

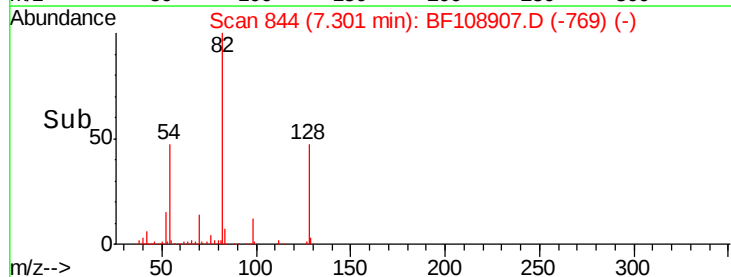
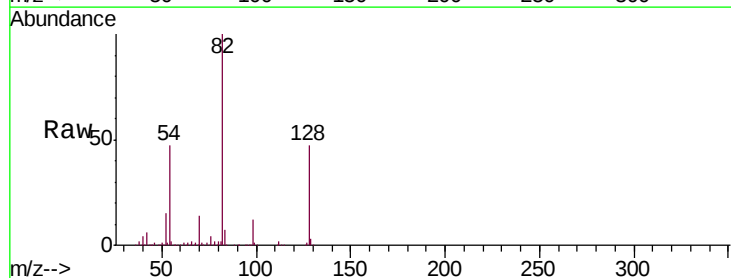
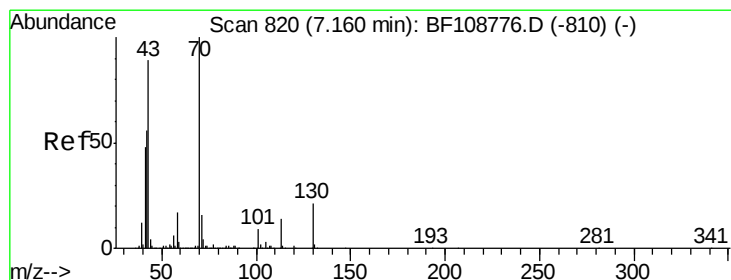
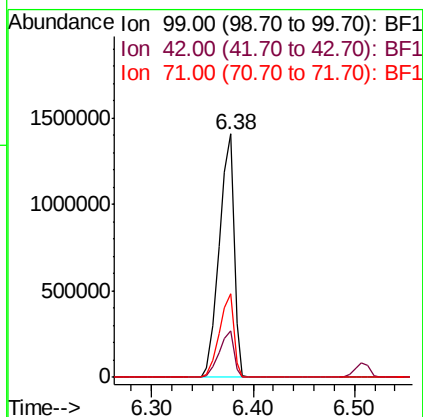
Tgt Ion: 99 Resp: 1432793

Ion Ratio Lower Upper

99 100

42 19.3 14.5 21.7

71 34.4 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 11.881 ng

RT: 7.30 min Scan# 844

Delta R.T. 0.14 min

Lab File: BF108907.D

Acq: 10 Sep 2018 21:38

Tgt Ion: 70 Resp: 125735

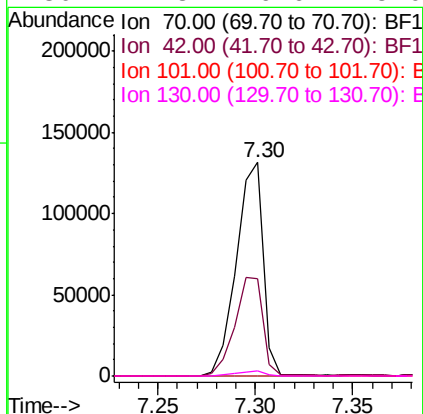
Ion Ratio Lower Upper

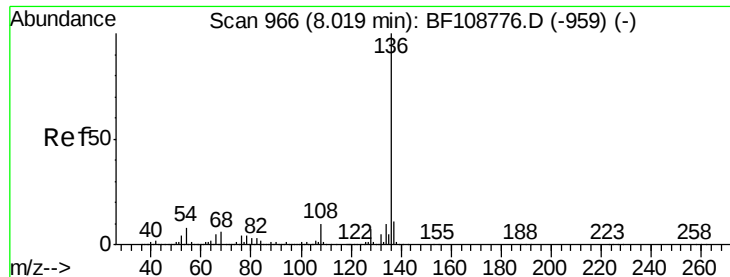
70 100

42 45.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

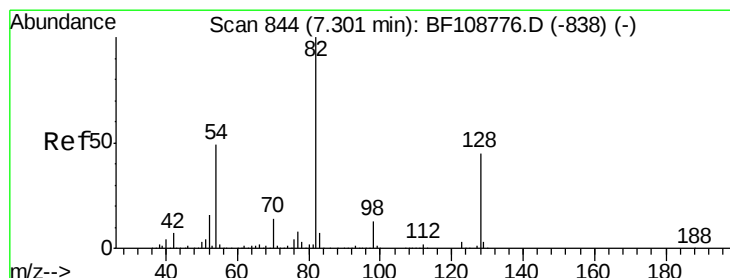
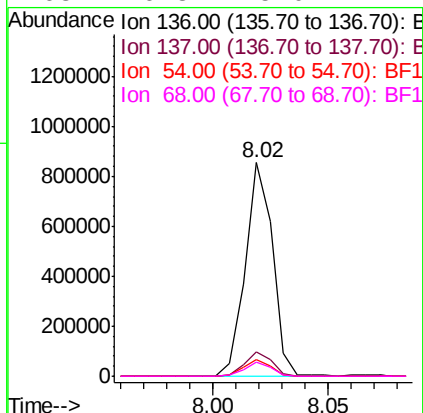
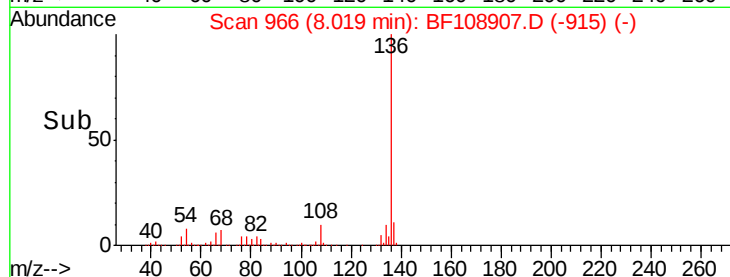
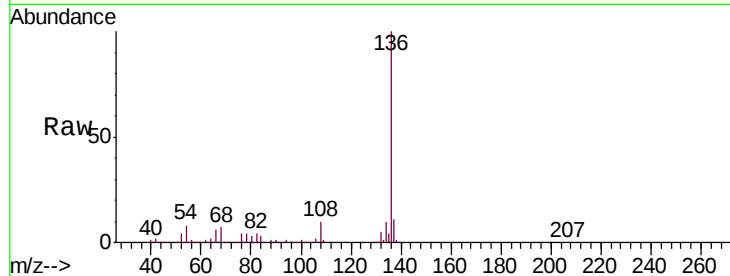




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108907.D
Acq: 10 Sep 2018 21:38

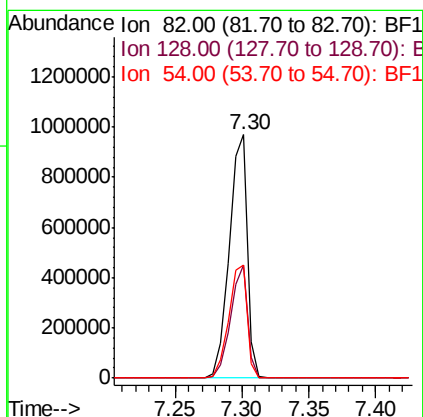
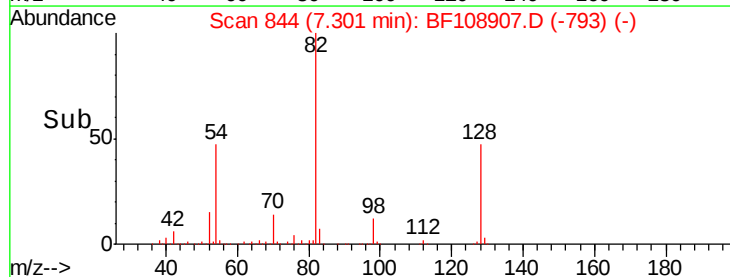
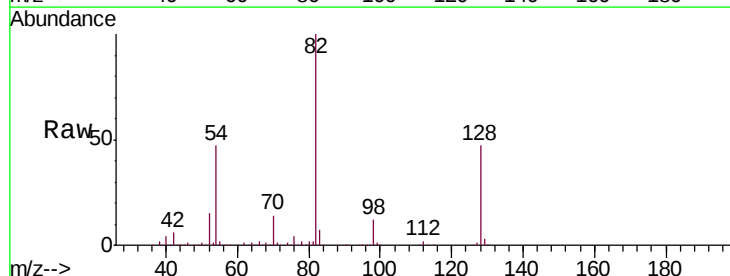
Instrument :
BNA_F
ClientSampleId :
ENY-BC-02

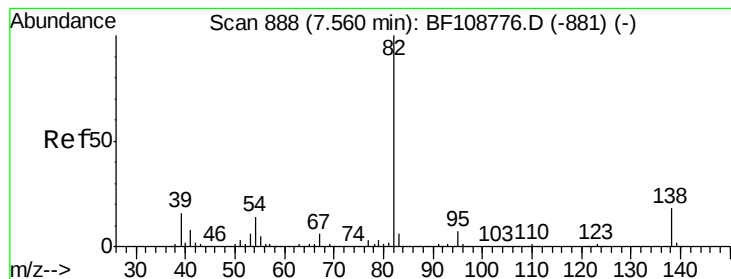
Tgt Ion:	136	Resp:	707222
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.0	6.6	9.8
68	6.8	5.0	7.4



#23
Nitrobenzene-d5
Concen: 82.306 ng
RT: 7.30 min Scan# 844
Delta R.T. -0.00 min
Lab File: BF108907.D
Acq: 10 Sep 2018 21:38

Tgt Ion:	82	Resp:	930138
Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.1	54.1
54	46.5	41.4	62.2





#25

Isophorone

Concen: 41.115 ng

RT: 7.30 min Scan# 844

Delta R.T. -0.26 min

Lab File: BF108907.D

Acq: 10 Sep 2018 21:38

Instrument :

BNA_F

ClientSampleId :

ENY-BC-02

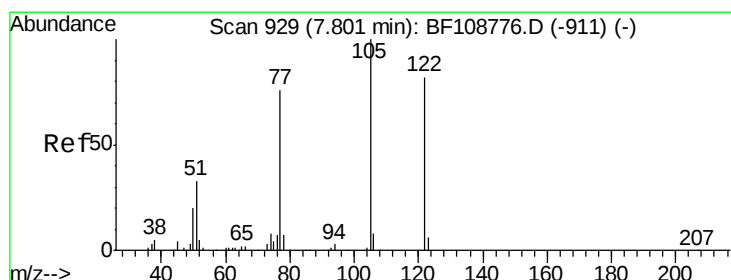
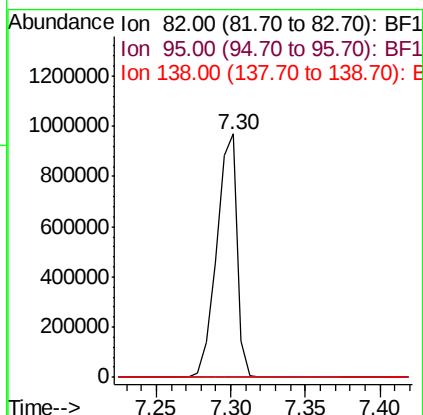
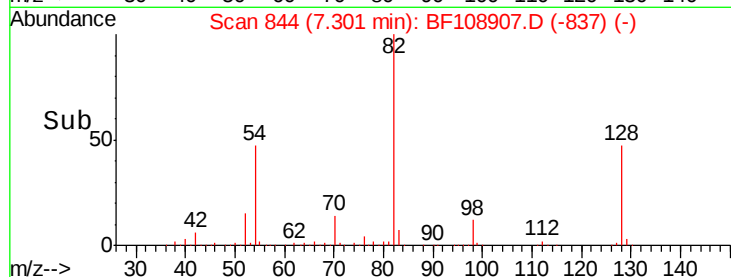
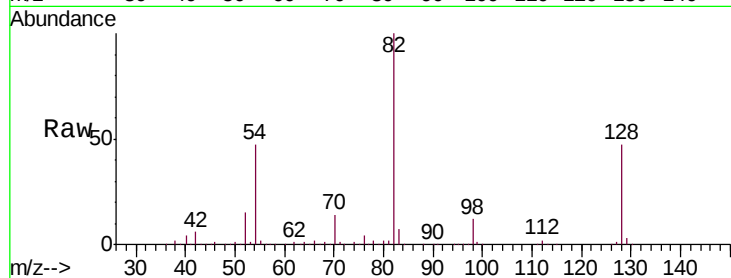
Tgt Ion: 82 Resp: 926813

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#32

Benzoic acid

Concen: 4.061 ng

RT: 7.81 min Scan# 931

Delta R.T. 0.01 min

Lab File: BF108907.D

Acq: 10 Sep 2018 21:38

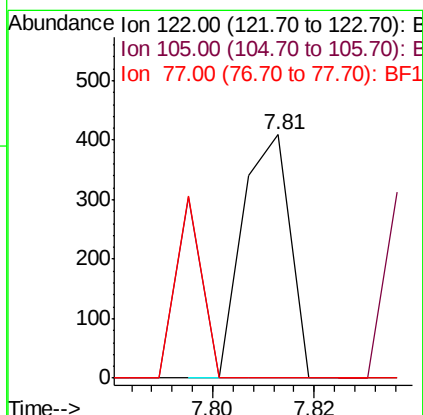
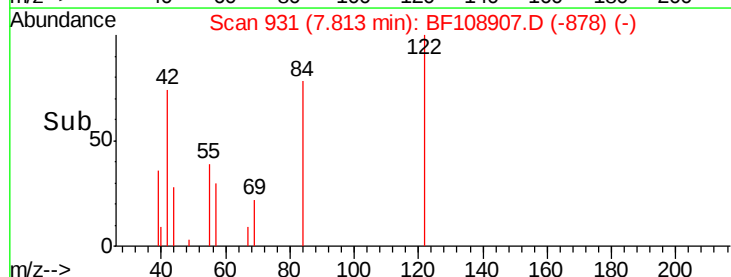
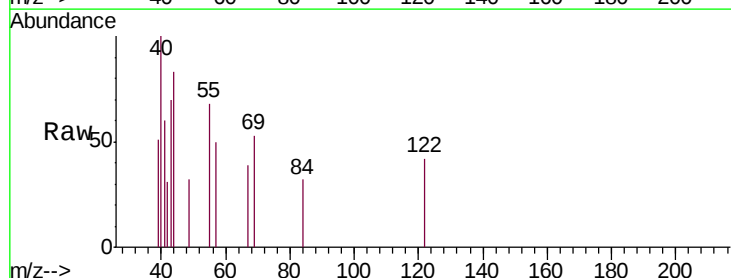
Tgt Ion: 122 Resp: 265

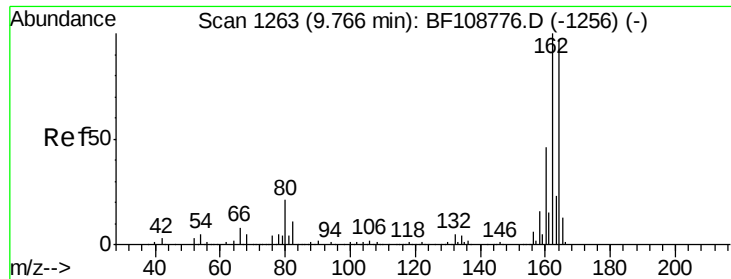
Ion Ratio Lower Upper

122 100

105 0.0 101.1 141.1#

77 0.0 70.7 110.7#

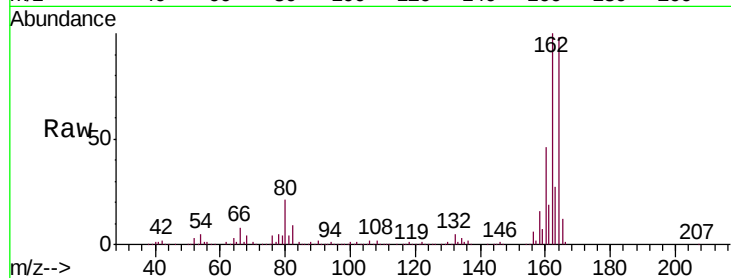




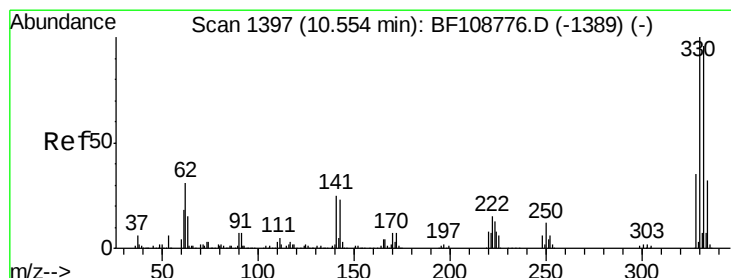
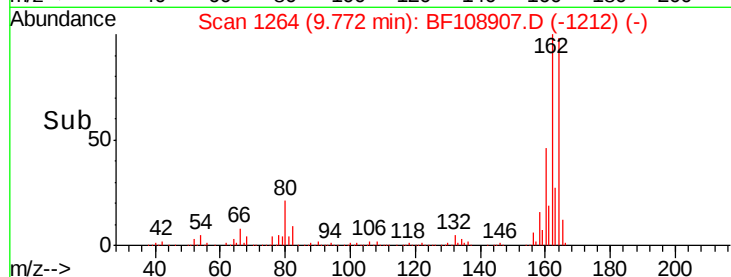
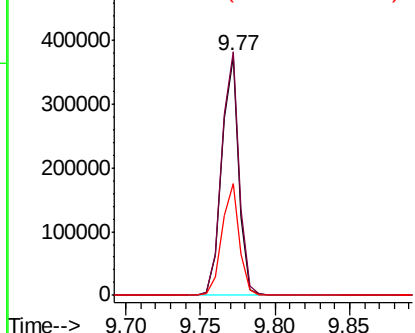
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1264
 Delta R.T. 0.01 min
 Lab File: BF108907.D
 Acq: 10 Sep 2018 21:38

Instrument :
 BNA_F
 ClientSampleId :
 ENY-BC-02

Tgt Ion:164 Resp: 304338
 Ion Ratio Lower Upper
 164 100
 162 102.0 86.1 129.1
 160 46.8 38.3 57.5

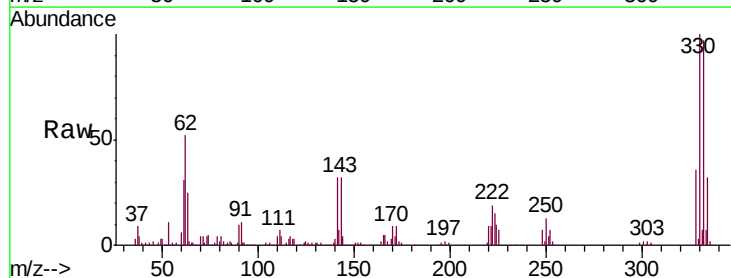


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

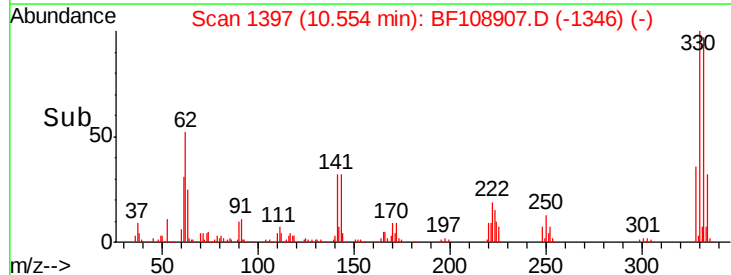
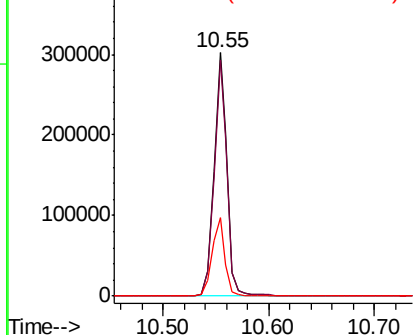


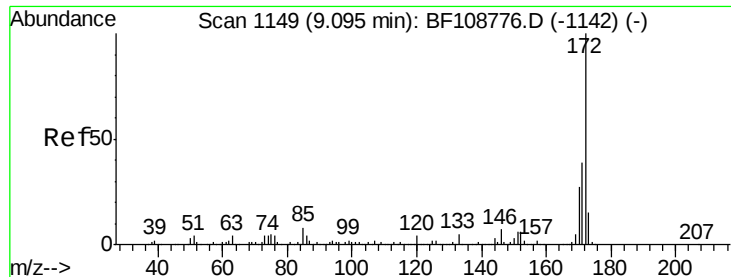
#41
 2,4,6-Tribromophenol
 Concen: 90.581 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: BF108907.D
 Acq: 10 Sep 2018 21:38

Tgt Ion:330 Resp: 263169
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 32.2 29.9 44.9



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

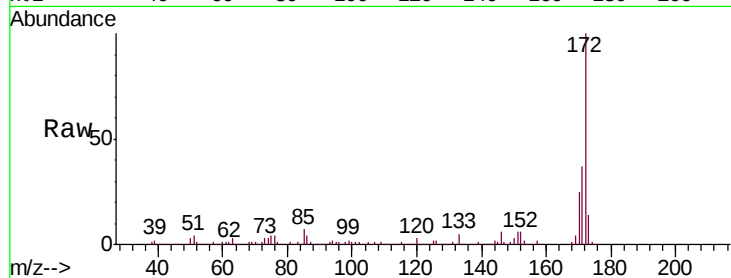




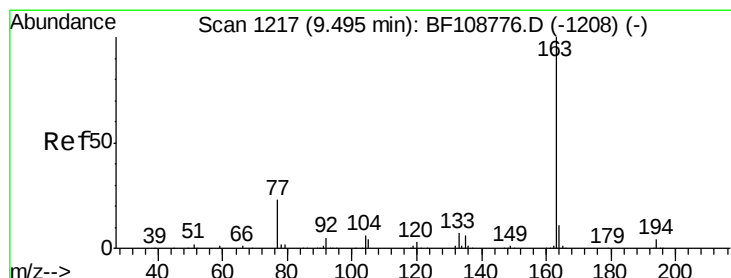
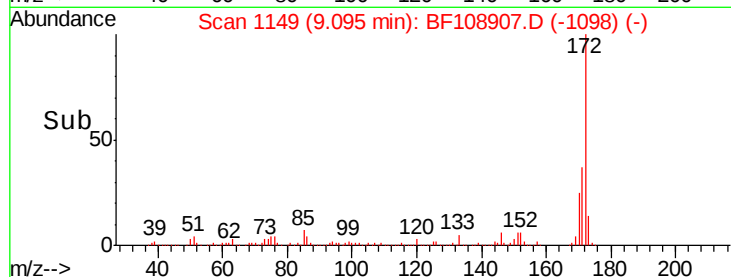
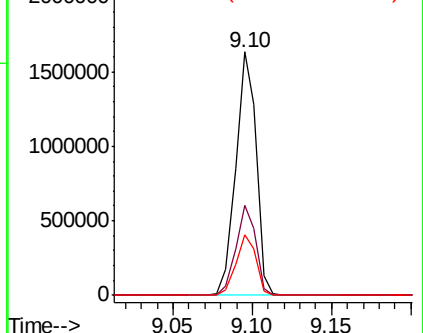
#44
 2-Fluorobiphenyl
 Concen: 81.717 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF108907.D
 Acq: 10 Sep 2018 21:38

Instrument :
 BNA_F
 ClientSampleId :
 ENY-BC-02

Tgt Ion:172 Resp: 1457789
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 25.0 19.6 29.4

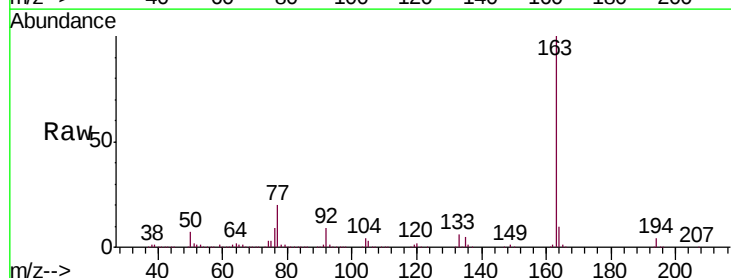


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

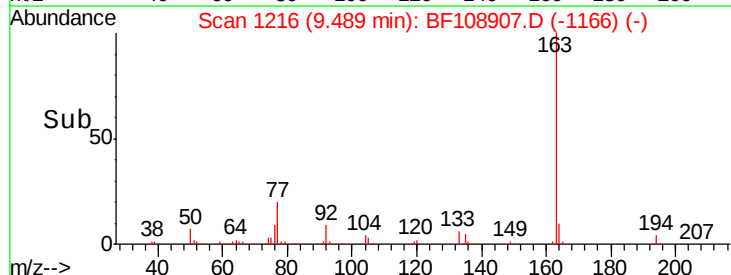
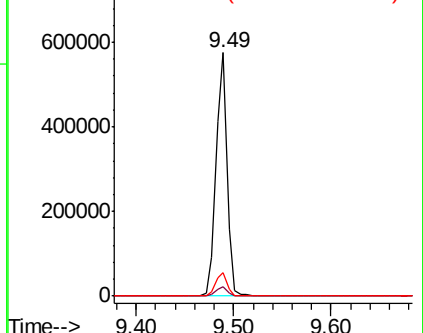


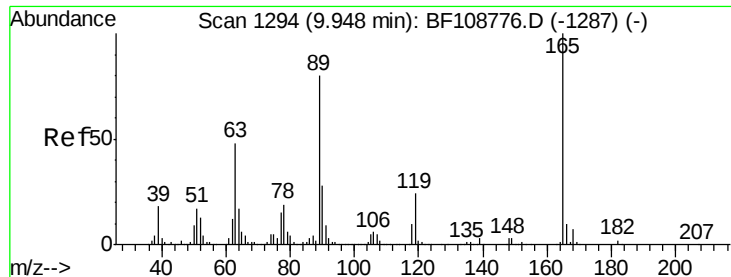
#49
 Dimethylphthalate
 Concen: 21.218 ng
 RT: 9.49 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF108907.D
 Acq: 10 Sep 2018 21:38

Tgt Ion:163 Resp: 451646
 Ion Ratio Lower Upper
 163 100
 194 4.0 2.7 4.1
 164 9.8 8.2 12.2



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

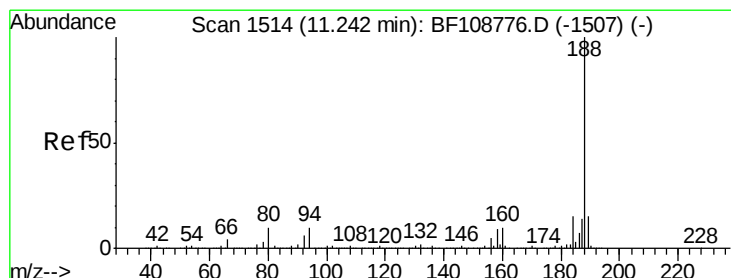
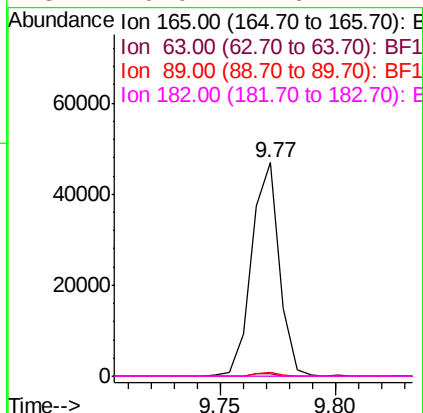
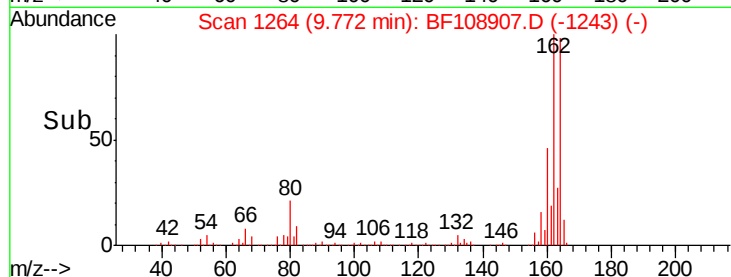
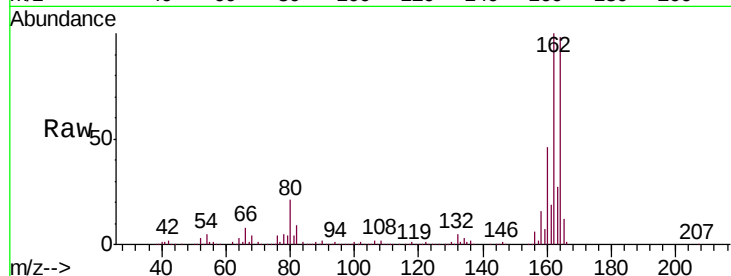




#56
 2,4-Dinitrotoluene
 Concen: 7.601 ng
 RT: 9.77 min Scan# 1264
 Delta R.T. -0.18 min
 Lab File: BF108907.D
 Acq: 10 Sep 2018 21:38

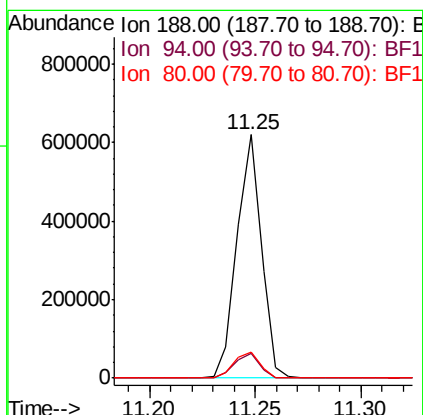
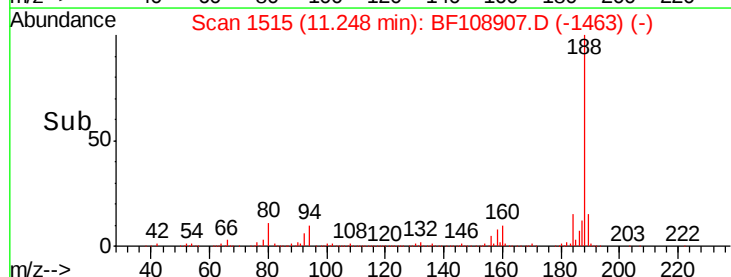
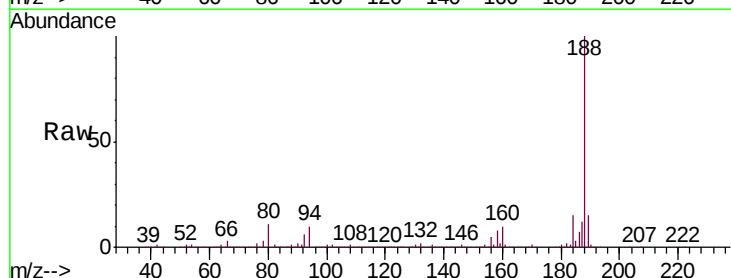
Instrument :
 BNA_F
 ClientSampleId :
 ENY-BC-02

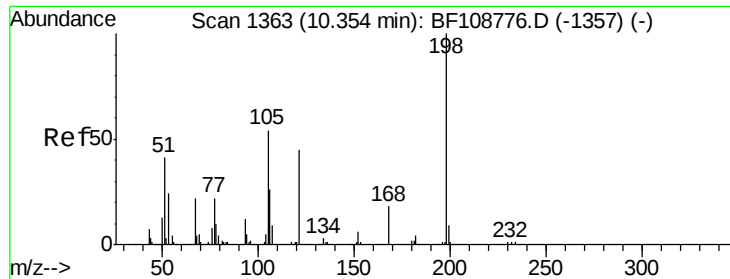
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1515
 Delta R.T. 0.01 min
 Lab File: BF108907.D
 Acq: 10 Sep 2018 21:38

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	10.8	9.2	13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 7.116 ng

RT: 10.55 min Scan# 1397

Delta R.T. 0.20 min

Lab File: BF108907.D

Acq: 10 Sep 2018 21:38

Instrument :

BNA_F

ClientSampleId :

ENY-BC-02

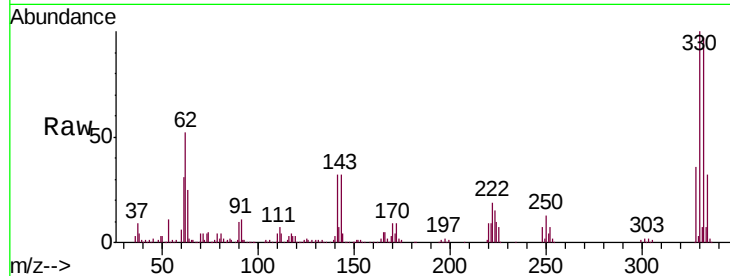
Tgt Ion:198 Resp: 562

Ion Ratio Lower Upper

198 100

51 172.8 37.7 77.7#

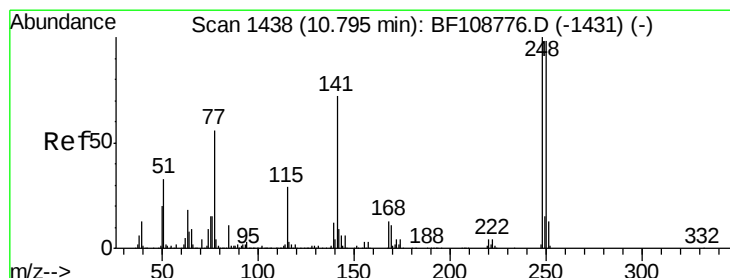
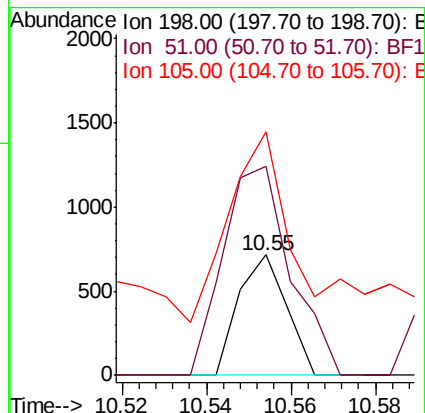
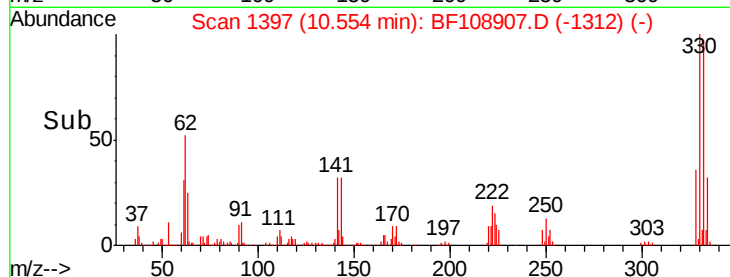
105 201.8 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 2.894 ng

RT: 10.55 min Scan# 1397

Delta R.T. -0.24 min

Lab File: BF108907.D

Acq: 10 Sep 2018 21:38

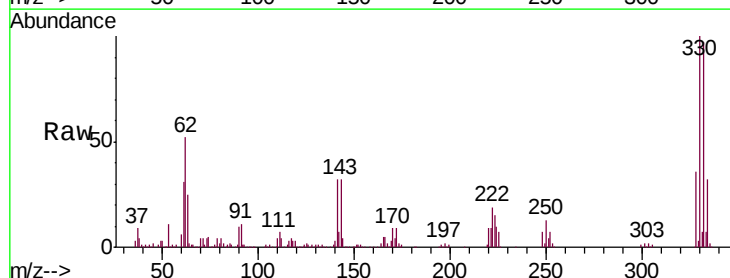
Tgt Ion:248 Resp: 16180

Ion Ratio Lower Upper

248 100

250 196.6 76.9 115.3#

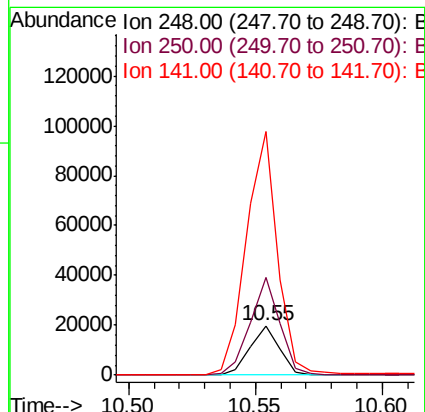
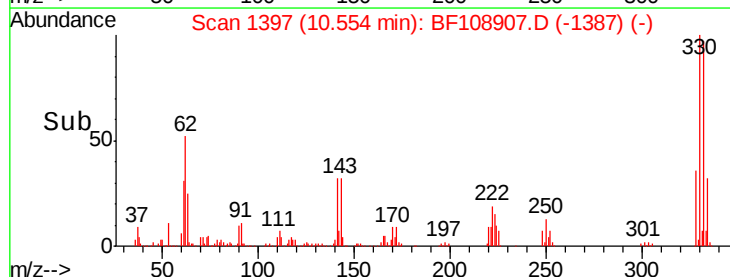
141 492.3 74.4 111.6#

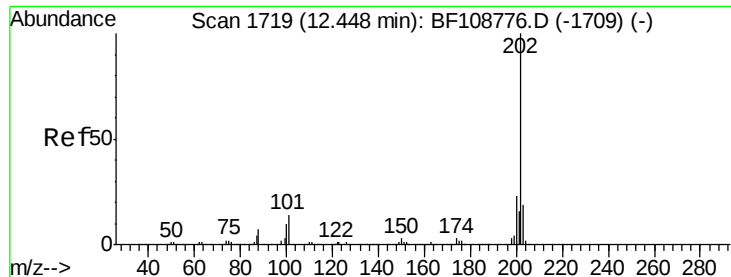


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#74

Fluoranthene

Concen: 2.662 ng

RT: 12.45 min Scan# 1720

Delta R.T. 0.01 min

Lab File: BF108907.D

Acq: 10 Sep 2018 21:38

Instrument :

BNA_F

ClientSampleId :

ENY-BC-02

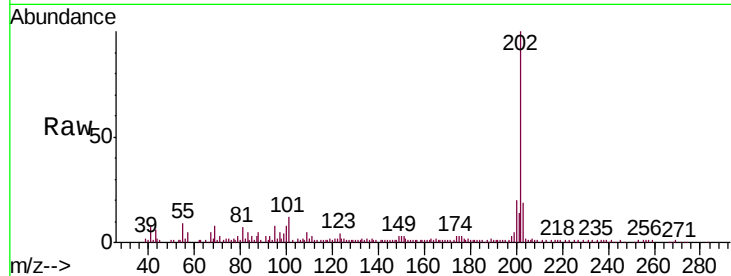
Tgt Ion:202 Resp: 62310

Ion Ratio Lower Upper

202 100

101 12.1 0.0 34.1

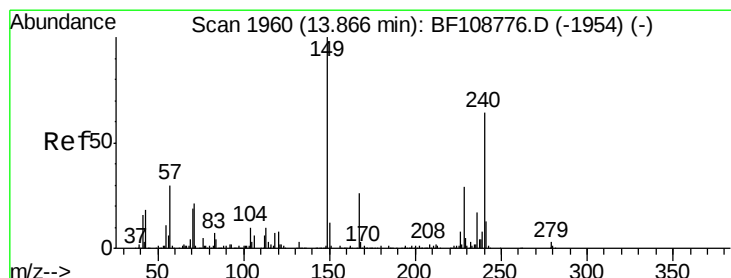
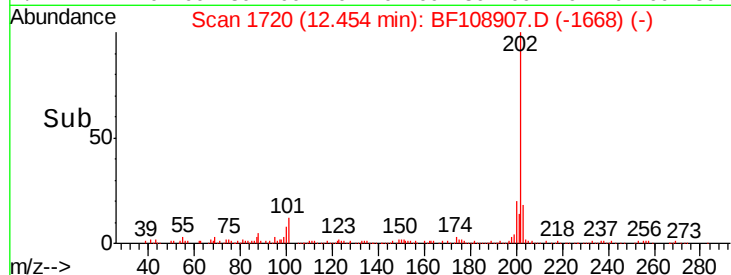
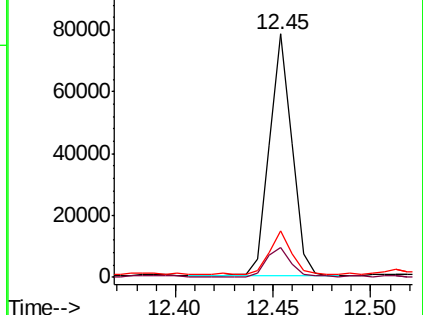
203 19.3 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 1962

Delta R.T. 0.01 min

Lab File: BF108907.D

Acq: 10 Sep 2018 21:38

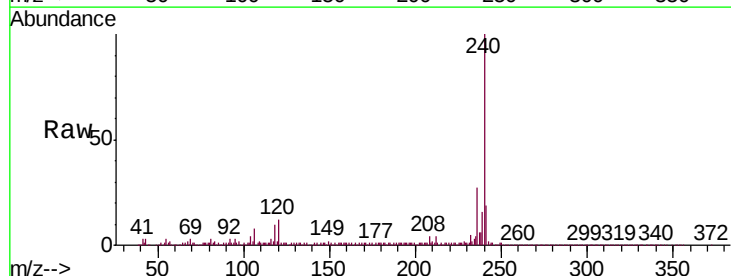
Tgt Ion:240 Resp: 410829

Ion Ratio Lower Upper

240 100

120 12.0 9.5 14.3

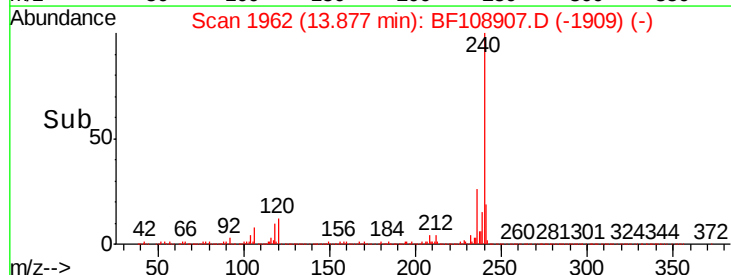
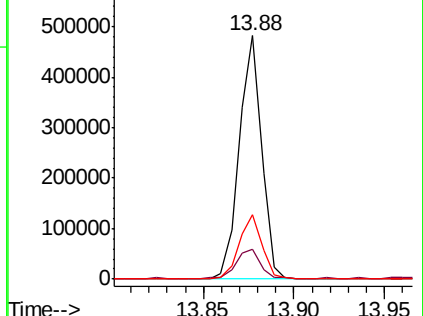
236 26.6 20.7 31.1

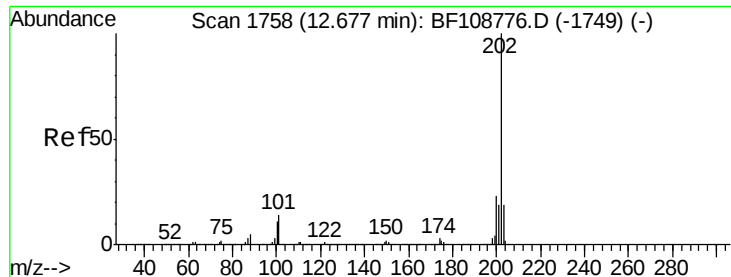


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 2.128 ng

RT: 12.68 min Scan# 1759

Delta R.T. 0.01 min

Lab File: BF108907.D

Acq: 10 Sep 2018 21:38

Instrument :

BNA_F

ClientSampleId :

ENY-BC-02

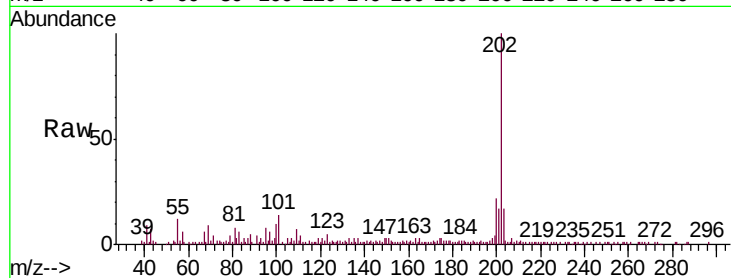
Tgt Ion:202 Resp: 67264

Ion Ratio Lower Upper

202 100

200 21.6 17.4 26.2

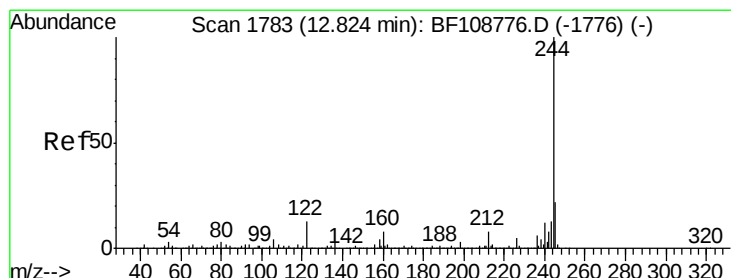
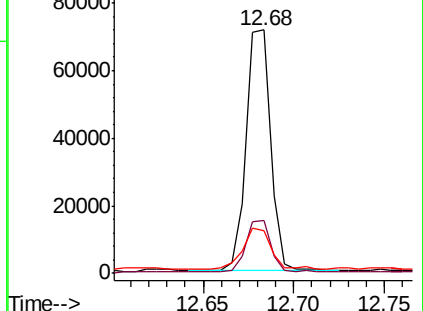
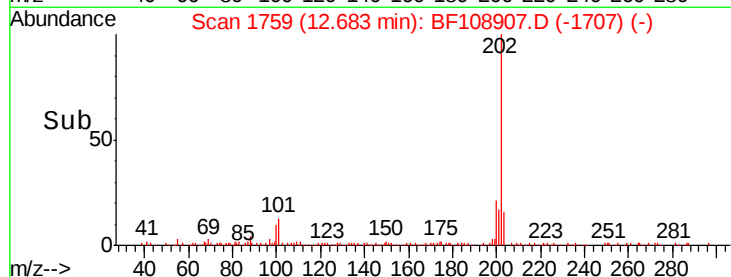
203 17.4 14.3 21.5



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



#78

Terphenyl-d14

Concen: 64.421 ng

RT: 12.83 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF108907.D

Acq: 10 Sep 2018 21:38

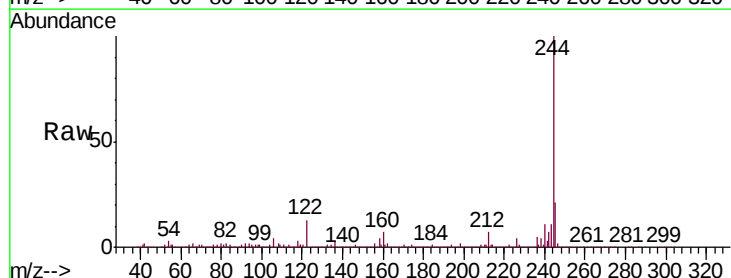
Tgt Ion:244 Resp: 1134957

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

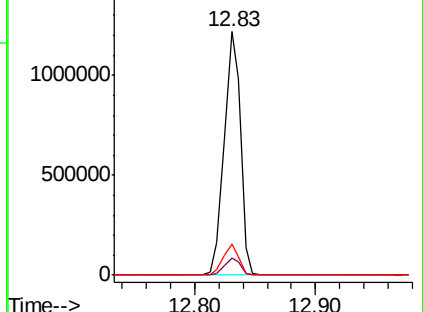
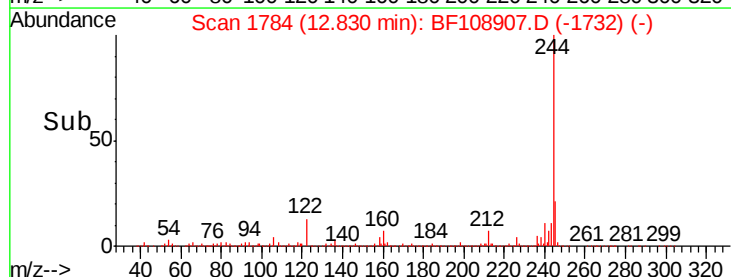
122 12.9 11.0 16.4

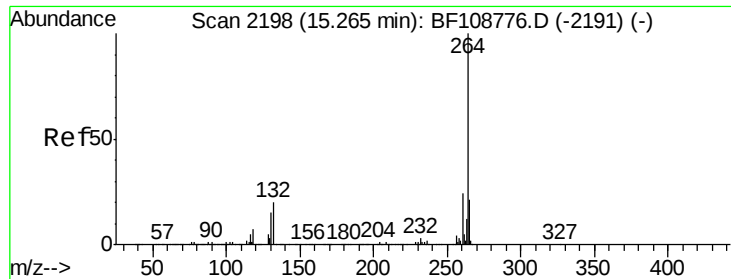


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

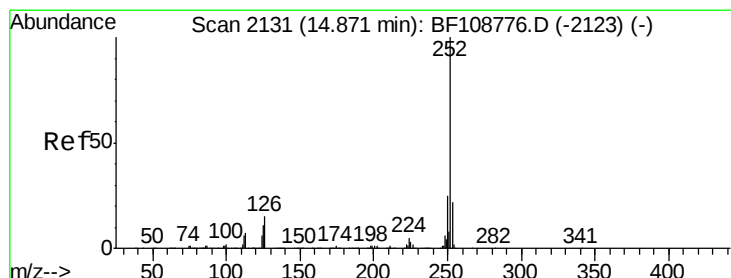
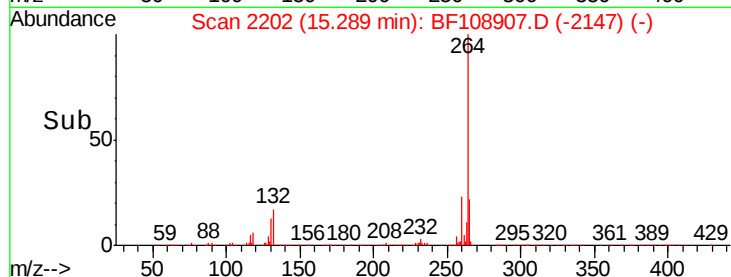
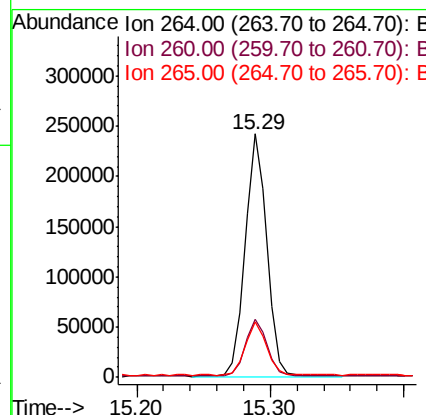
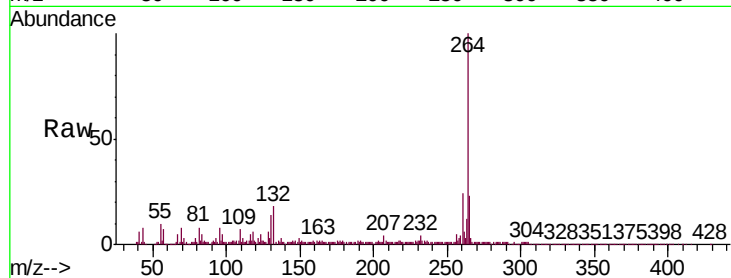




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2202
Delta R.T. 0.02 min
Lab File: BF108907.D
Acq: 10 Sep 2018 21:38

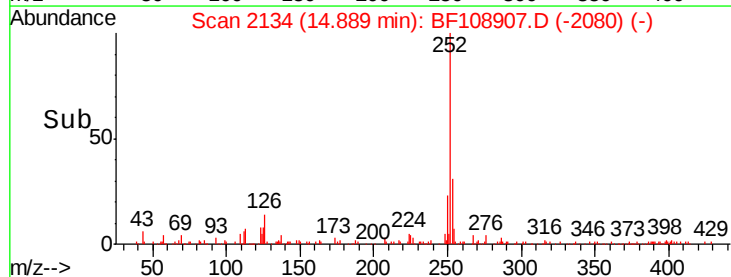
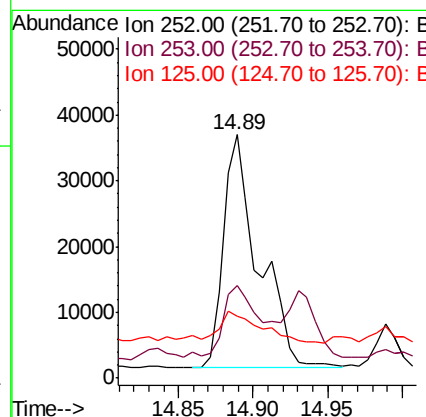
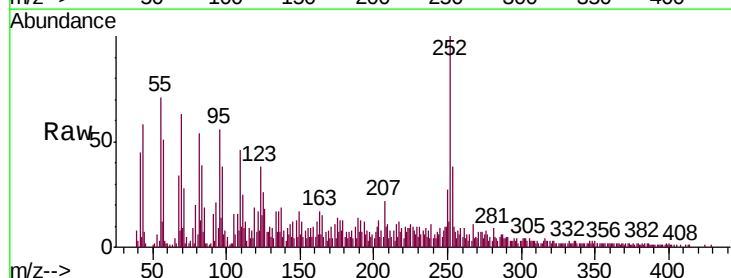
Instrument :
BNA_F
ClientSampleId :
ENY-BC-02

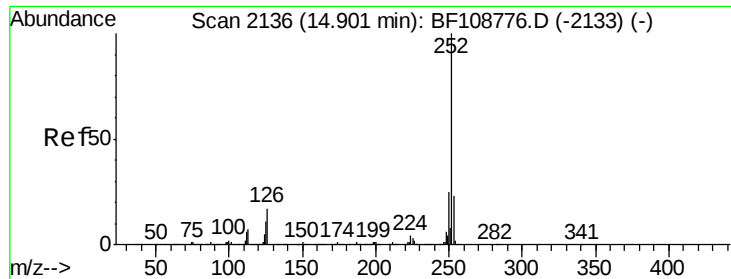
Tgt Ion: 264 Resp: 268820
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 22.8 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 3.998 ng
RT: 14.89 min Scan# 2134
Delta R.T. 0.02 min
Lab File: BF108907.D
Acq: 10 Sep 2018 21:38

Tgt Ion: 252 Resp: 58445
Ion Ratio Lower Upper
252 100
253 38.0 17.0 25.6#
125 25.5 9.0 13.6#

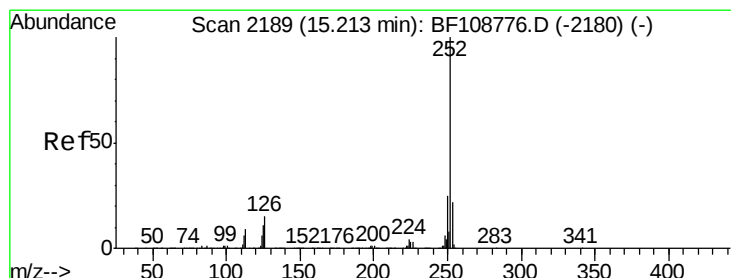
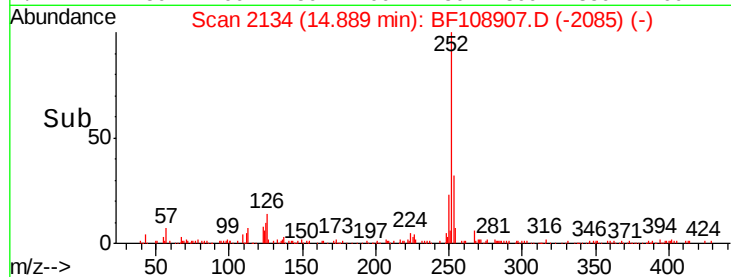
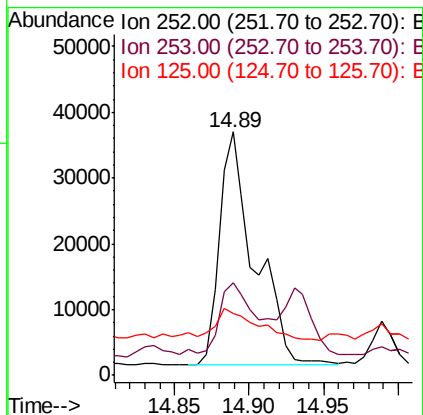
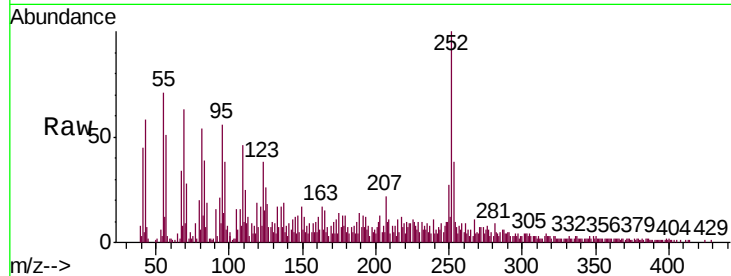




#88
Benzo(k)fluoranthene
Concen: 4.342 ng
RT: 14.89 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BF108907.D
Acq: 10 Sep 2018 21:38

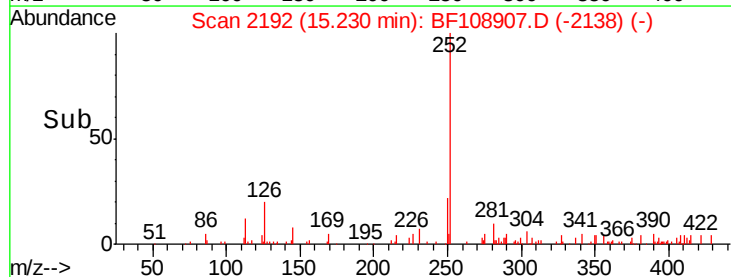
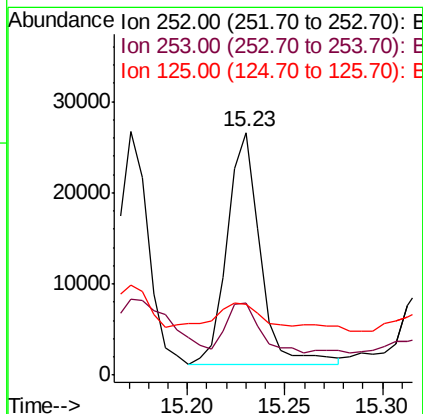
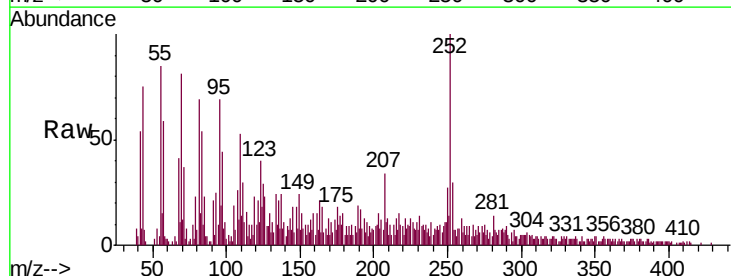
Instrument :
BNA_F
ClientSampleId :
ENY-BC-02

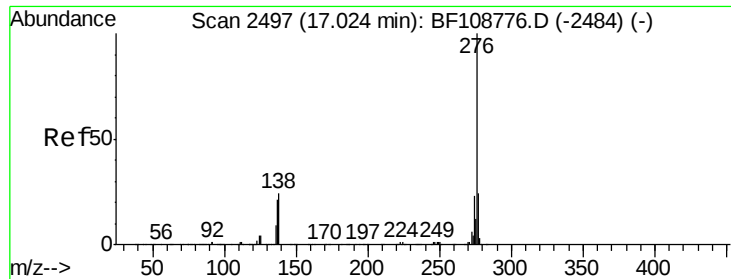
Tgt Ion: 252 Resp: 58445
Ion Ratio Lower Upper
252 100
253 38.0 17.9 26.9#
125 25.5 10.2 15.2#



#89
Benzo(a)pyrene
Concen: 2.275 ng
RT: 15.23 min Scan# 2192
Delta R.T. 0.02 min
Lab File: BF108907.D
Acq: 10 Sep 2018 21:38

Tgt Ion: 252 Resp: 30007
Ion Ratio Lower Upper
252 100
253 29.6 17.1 25.7#
125 29.3 9.8 14.6#

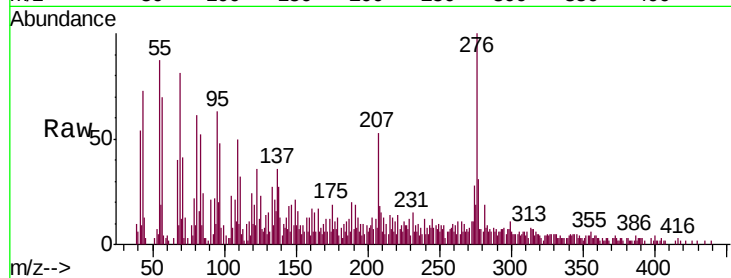




#91
 Benzo(g,h,i)perylene
 Concen: 2.363 ng
 RT: 17.06 min Scan# 2503
 Delta R.T. 0.04 min
 Lab File: BF108907.D
 Acq: 10 Sep 2018 21:38

Instrument :
 BNA_F
 ClientSampleId :
 ENY-BC-02

Tgt Ion: 276 Resp: 27493
 Ion Ratio Lower Upper
 276 100
 277 30.6 17.9 26.9#
 138 27.4 21.8 32.8



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

