

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082318\
 Data File : BF108435.D
 Acq On : 23 Aug 2018 21:54
 Operator : JU/SJ
 Sample : J4535-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RA-081618-FL-044

Quant Time: Aug 24 01:06:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	145007	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	534266	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	254258	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	434407	20.00	ng	0.00
75) Chrysene-d12	14.19	240	272302	20.00	ng	0.00
86) Perylene-d12	15.75	264	285218	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.63	112	923363	115.28	ng	0.00
7) Phenol-d6	6.62	99	1239753	116.48	ng	0.00
23) Nitrobenzene-d5	7.57	82	849300	88.71	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	323885	127.71	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1419581	89.64	ng	0.00
78) Terphenyl-d14	13.13	244	1014756	94.75	ng	0.00

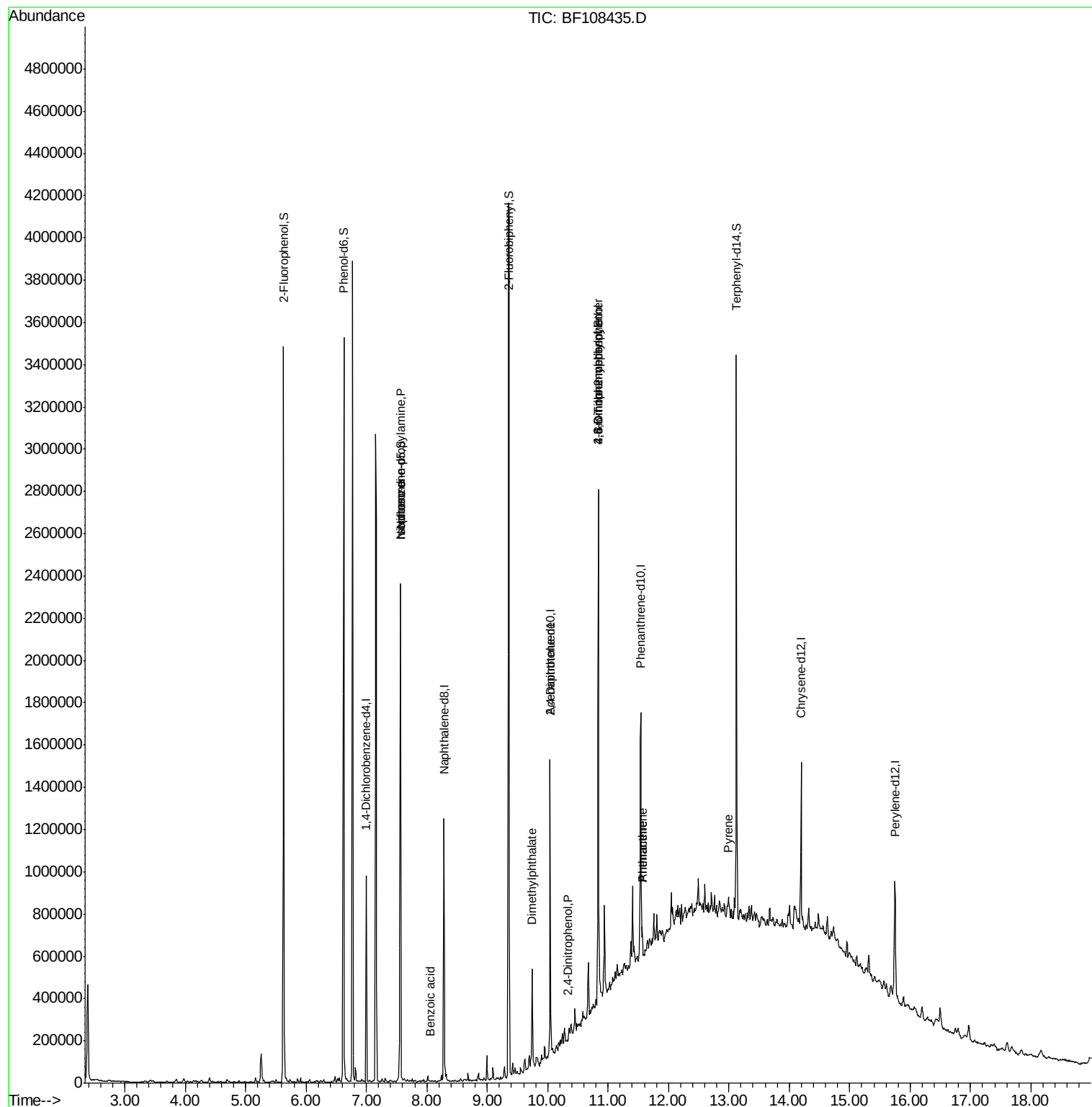
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.57	70	114707	15.937	ng	# 81
25) Isophorone	7.57	82	847014	46.414	ng	# 64
32) Benzoic acid	8.05	122	109	5.995	ng	# 33
49) Dimethylphthalate	9.74	163	151015	8.527	ng	# 99
53) 2,4-Dinitrophenol	10.33	184	126	7.104	ng	# 1
56) 2,4-Dinitrotoluene	10.04	165	34122	7.154	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.84	198	1754	6.314	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	23285	4.932	ng	# 1
70) Phenanthrene	11.57	178	45449	2.218	ng	98
71) Anthracene	11.57	178	45449	2.164	ng	97
77) Pyrene	12.99	202	36442	2.114	ng	# 94

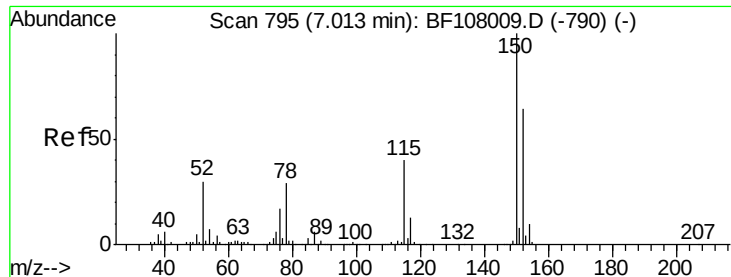
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082318\
Data File : BF108435.D
Acq On : 23 Aug 2018 21:54
Operator : JU/SJ
Sample : J4535-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-044

Quant Time: Aug 24 01:06:22 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 11:01:45 2018
Response via : Initial Calibration



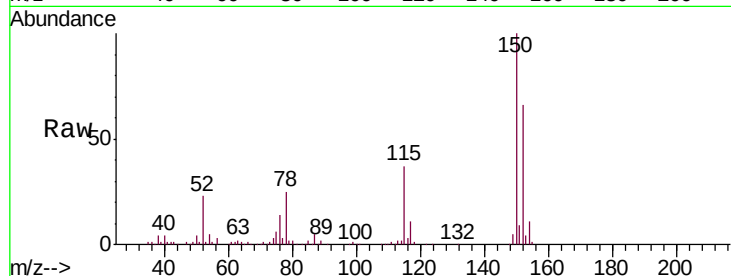


#1

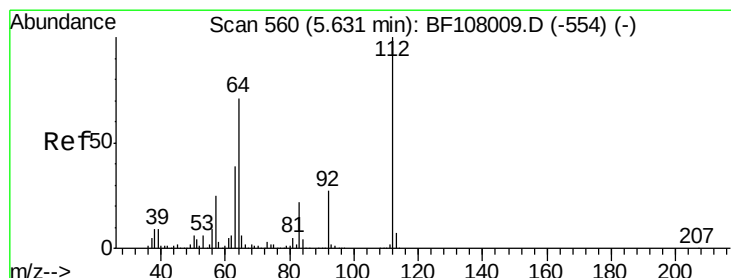
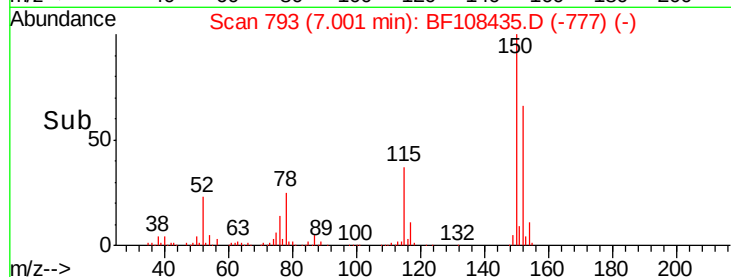
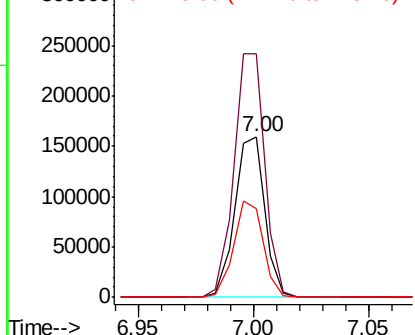
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108435.D
Acq: 23 Aug 2018 21:54

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-044

Tgt Ion	Ratio	Lower	Upper
152	100		
150	150.9	124.6	186.8
115	55.2	50.1	75.1



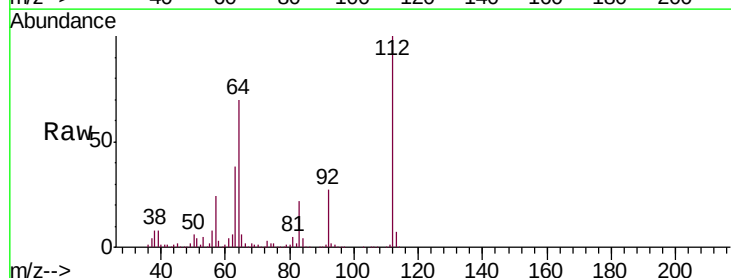
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



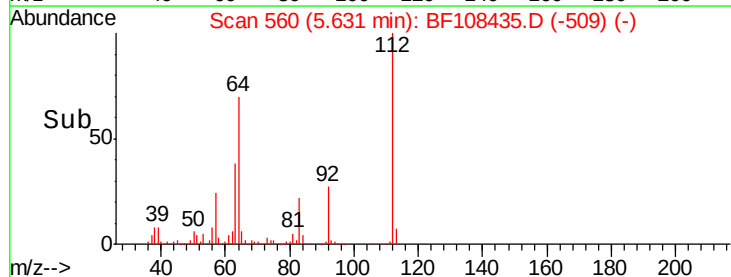
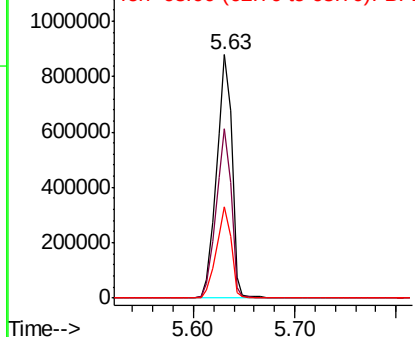
#5

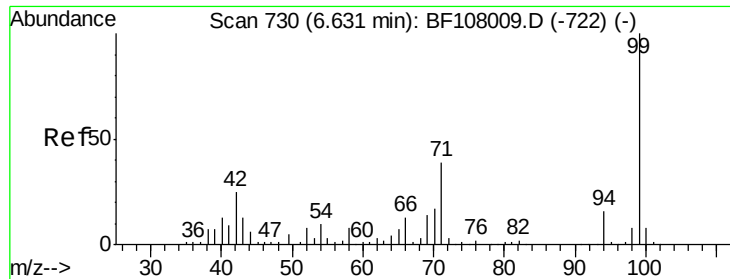
2-Fluorophenol
Concen: 115.285 ng
RT: 5.63 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF108435.D
Acq: 23 Aug 2018 21:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.5	47.9	71.9
63	37.5	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: 116.480 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108435.D

Acq: 23 Aug 2018 21:54

Instrument :

BNA_F

ClientSampleId :

RA-081618-FL-044

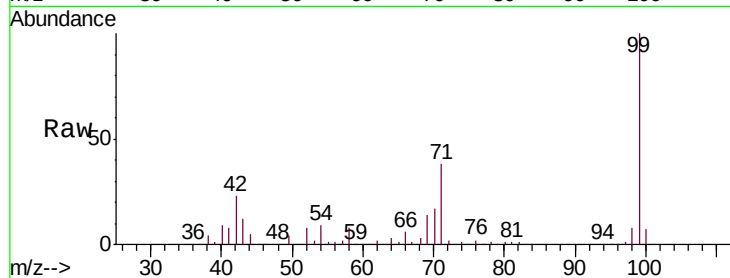
Tgt Ion: 99 Resp: 1239753

Ion Ratio Lower Upper

99 100

42 22.7 14.5 21.7#

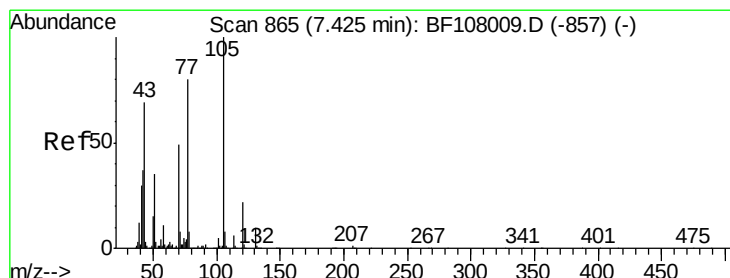
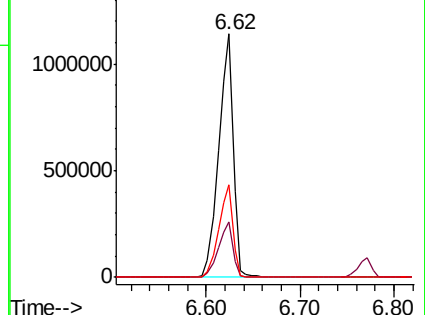
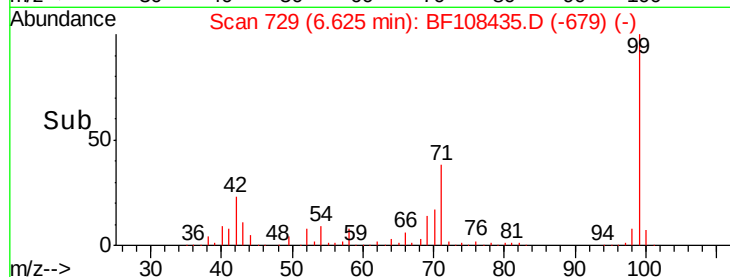
71 37.8 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.937 ng

RT: 7.57 min Scan# 889

Delta R.T. 0.15 min

Lab File: BF108435.D

Acq: 23 Aug 2018 21:54

Tgt Ion: 70 Resp: 114707

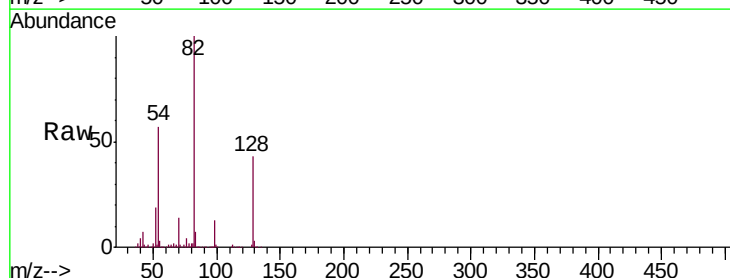
Ion Ratio Lower Upper

70 100

42 51.8 47.5 71.3

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

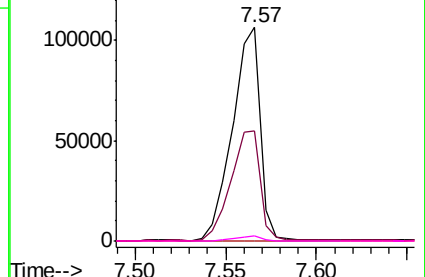
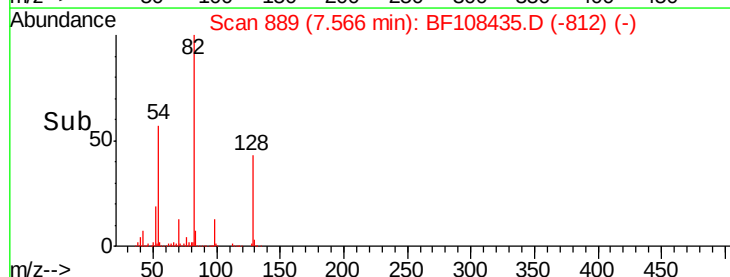


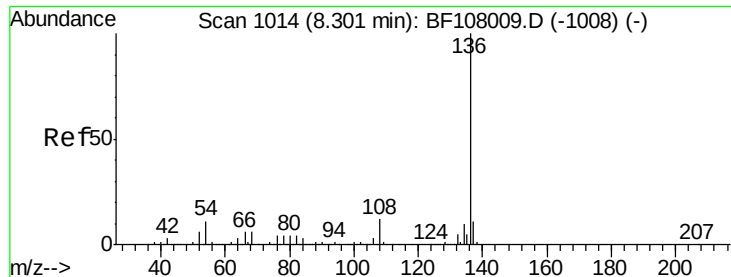
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

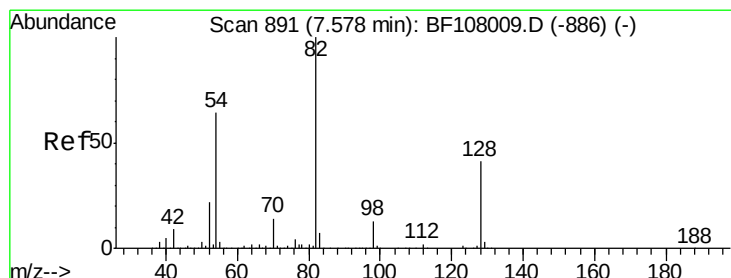
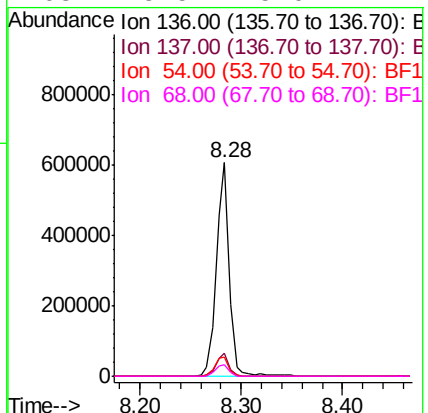
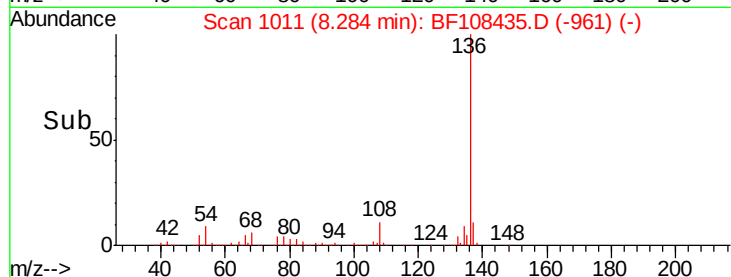
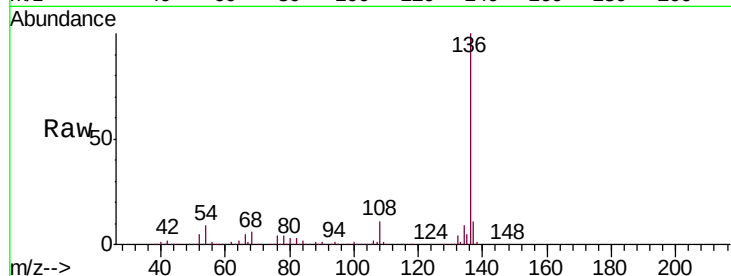




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108435.D
Acq: 23 Aug 2018 21:54

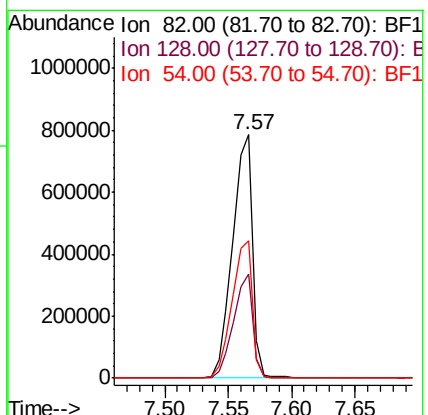
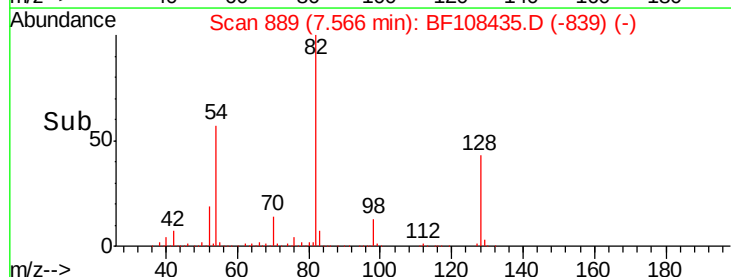
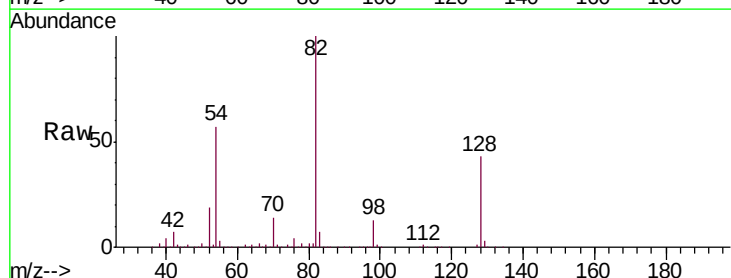
Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-044

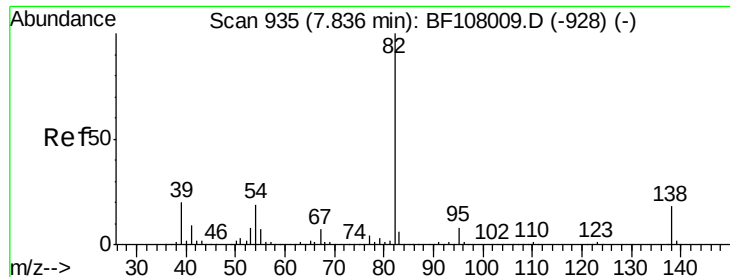
Tgt Ion:	136	Resp:	534266
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	9.1	6.6	9.8
68	5.5	5.0	7.4



#23
Nitrobenzene-d5
Concen: 88.705 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108435.D
Acq: 23 Aug 2018 21:54

Tgt Ion:	82	Resp:	849300
Ion	Ratio	Lower	Upper
82	100		
128	42.6	36.1	54.1
54	56.6	41.4	62.2

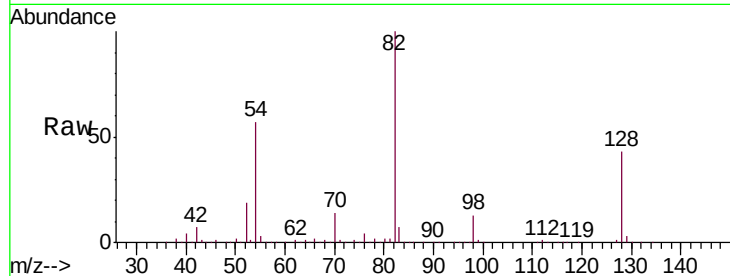




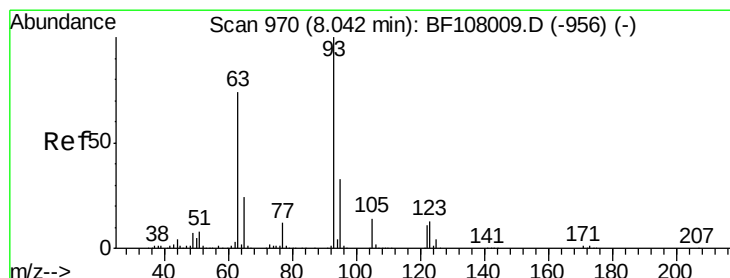
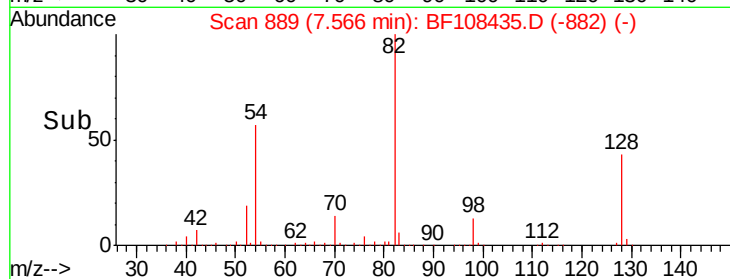
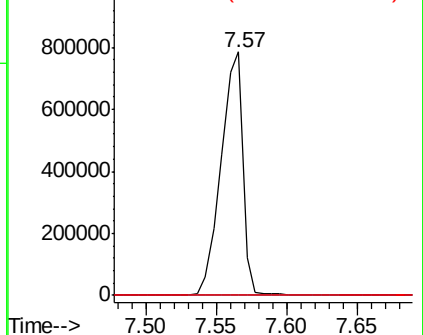
#25
Isophorone
Concen: 46.414 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.26 min
Lab File: BF108435.D
Acq: 23 Aug 2018 21:54

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-044

Tgt Ion: 82 Resp: 847014
Ion Ratio Lower Upper
82 100
95 0.1 5.2 7.8#
138 0.0 14.9 22.3#

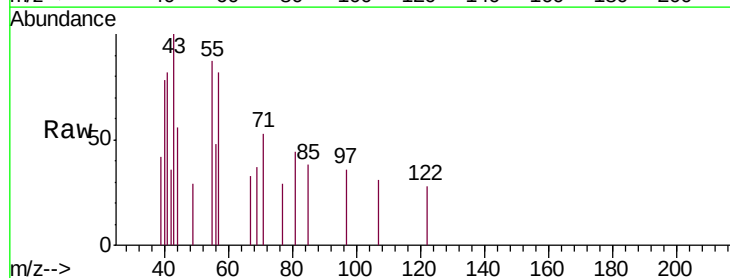


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

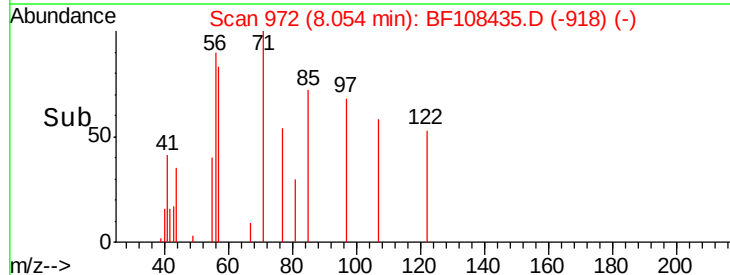
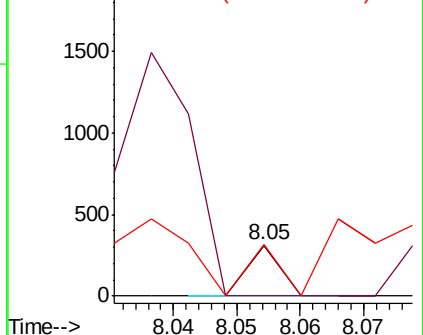


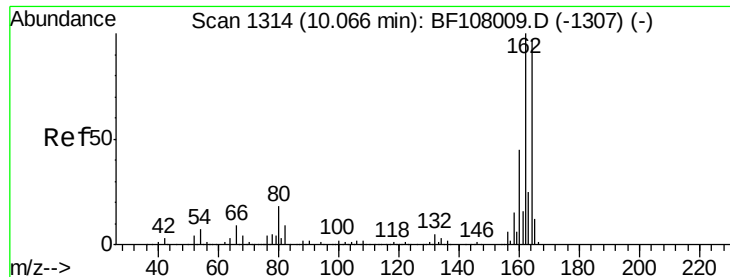
#32
Benzoic acid
Concen: 5.995 ng
RT: 8.05 min Scan# 972
Delta R.T. 0.02 min
Lab File: BF108435.D
Acq: 23 Aug 2018 21:54

Tgt Ion: 122 Resp: 109
Ion Ratio Lower Upper
122 100
105 0.0 101.1 141.1#
77 101.9 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

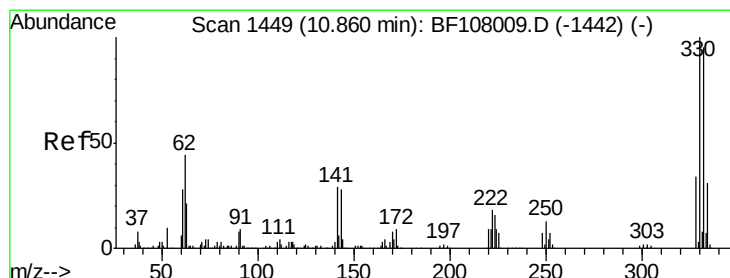
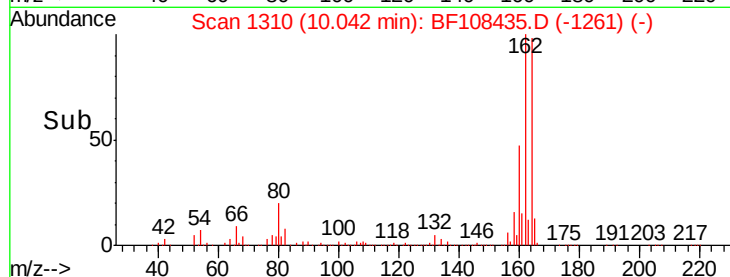
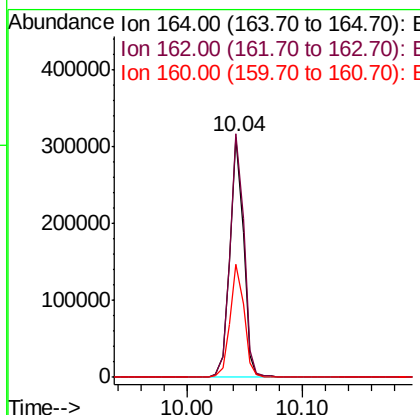
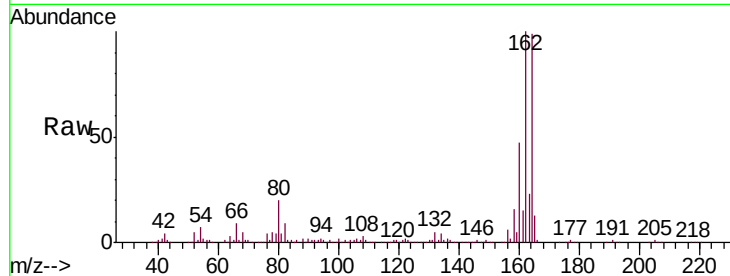




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF108435.D
 Acq: 23 Aug 2018 21:54

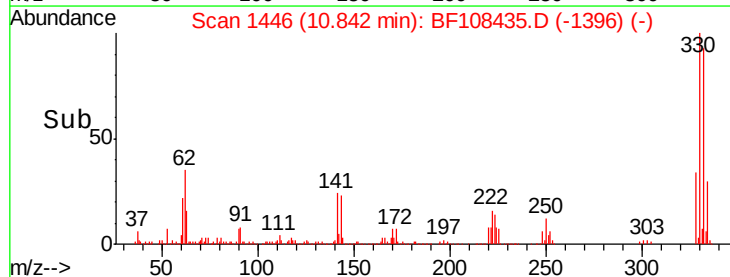
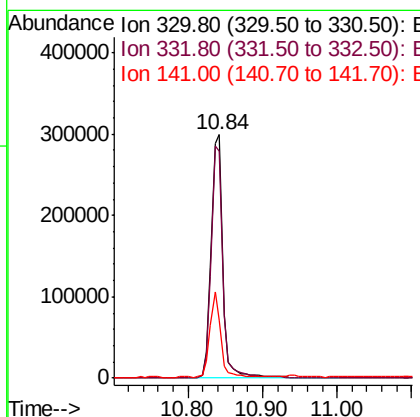
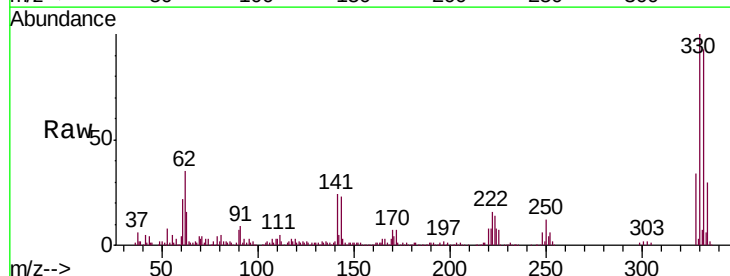
Instrument :
 BNA_F
 ClientSampleId :
 RA-081618-FL-044

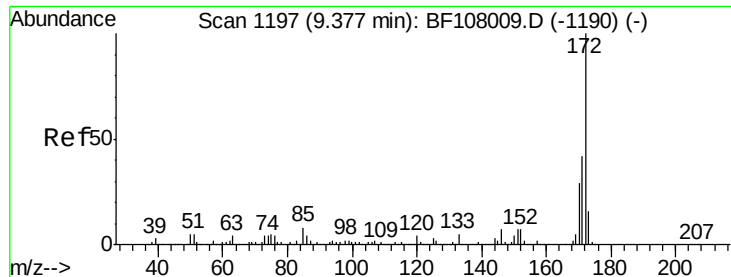
Tgt Ion:164 Resp: 254258
 Ion Ratio Lower Upper
 164 100
 162 101.3 86.1 129.1
 160 47.2 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 127.707 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108435.D
 Acq: 23 Aug 2018 21:54

Tgt Ion:330 Resp: 323885
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 32.6 29.9 44.9

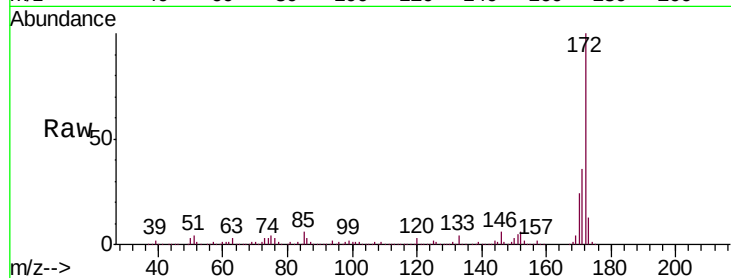




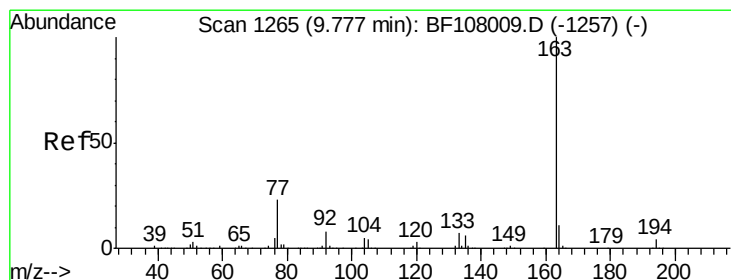
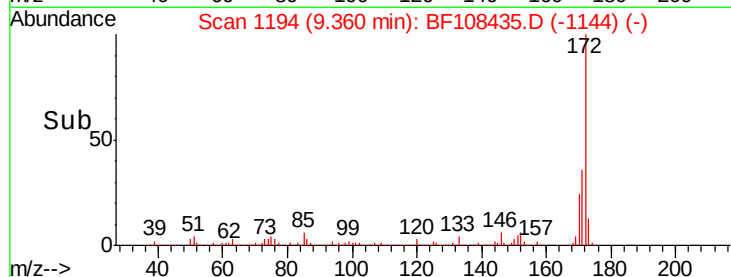
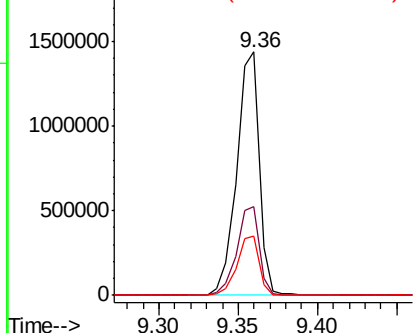
#44
2-Fluorobiphenyl
Concen: 89.637 ng
RT: 9.36 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BF108435.D
Acq: 23 Aug 2018 21:54

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-044

Tgt Ion:172 Resp: 1419581
Ion Ratio Lower Upper
172 100
171 36.2 29.7 44.5
170 24.3 19.6 29.4

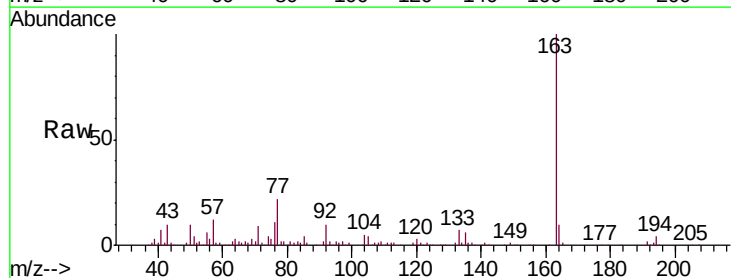


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

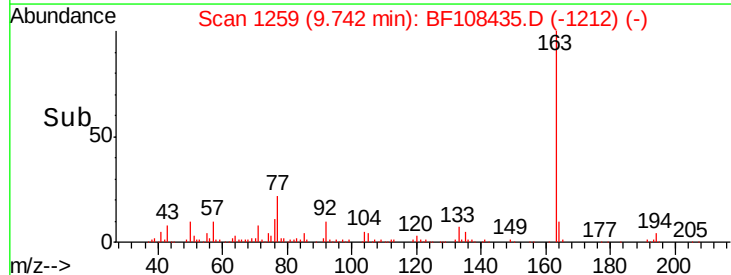
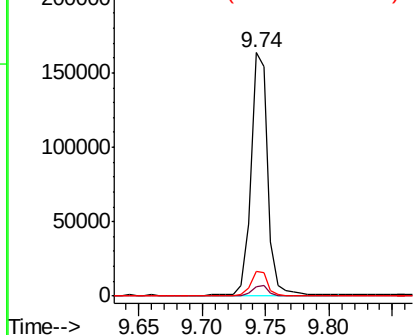


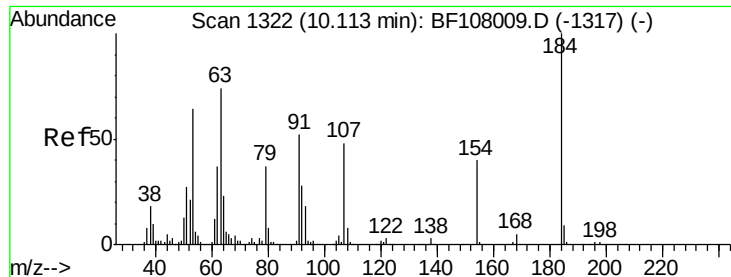
#49
Dimethylphthalate
Concen: 8.527 ng
RT: 9.74 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF108435.D
Acq: 23 Aug 2018 21:54

Tgt Ion:163 Resp: 151015
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.1 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





#53

2,4-Dinitrophenol

Concen: 7.104 ng

RT: 10.33 min Scan# 1359

Delta R.T. 0.22 min

Lab File: BF108435.D

Acq: 23 Aug 2018 21:54

Instrument :

BNA_F

ClientSampleId :

RA-081618-FL-044

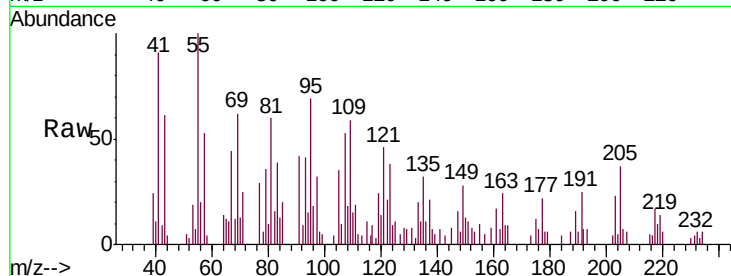
Tgt Ion:184 Resp: 126

Ion Ratio Lower Upper

184 100

63 0.0 54.2 81.2#

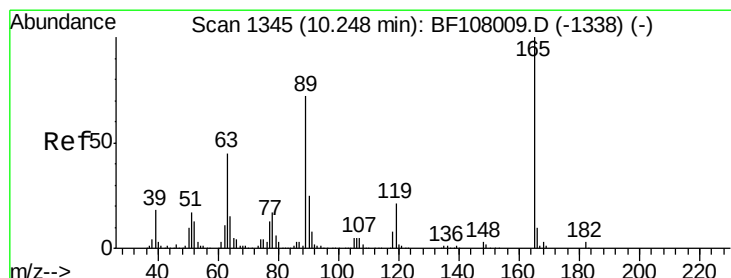
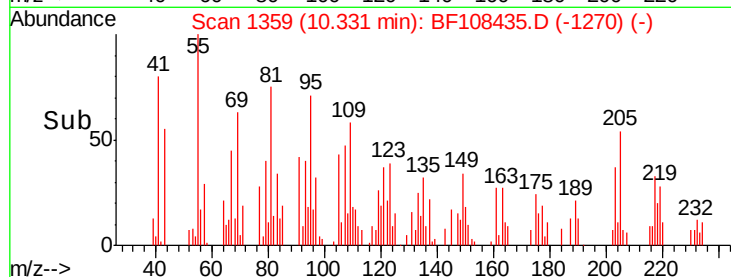
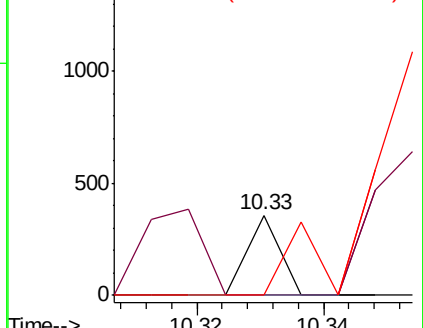
154 0.0 184.0 276.0#



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



#56

2,4-Dinitrotoluene

Concen: 7.154 ng

RT: 10.04 min Scan# 1310

Delta R.T. -0.19 min

Lab File: BF108435.D

Acq: 23 Aug 2018 21:54

Tgt Ion:165 Resp: 34122

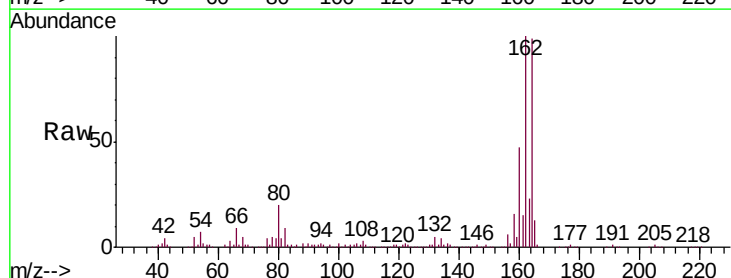
Ion Ratio Lower Upper

165 100

63 1.3 36.4 54.6#

89 1.7 57.8 86.6#

182 0.0 1.6 2.4#

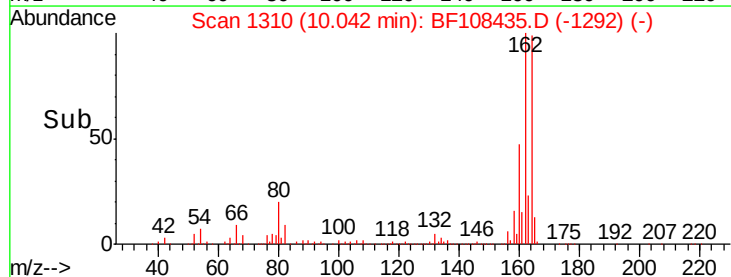
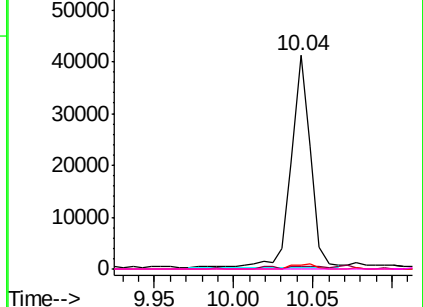


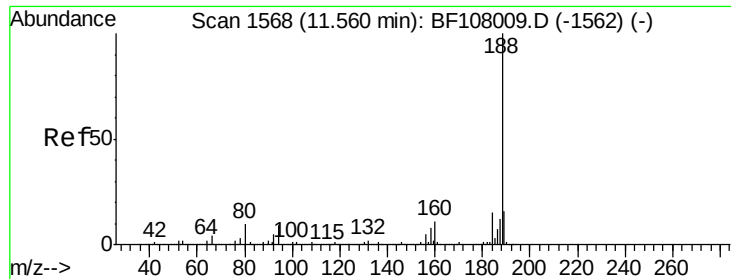
Abundance Ion 165.00 (164.70 to 165.70): E

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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.54 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF108435.D

Acq: 23 Aug 2018 21:54

Instrument :

BNA_F

ClientSampleId :

RA-081618-FL-044

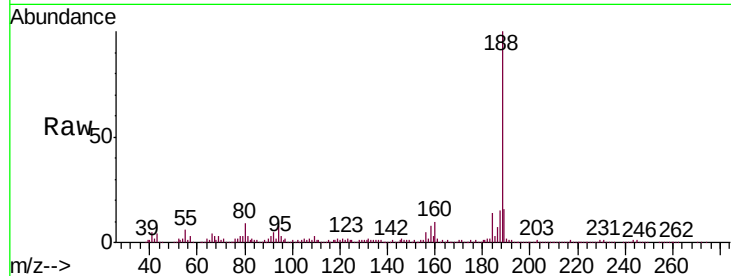
Tgt Ion:188 Resp: 434407

Ion Ratio Lower Upper

188 100

94 8.1 8.5 12.7#

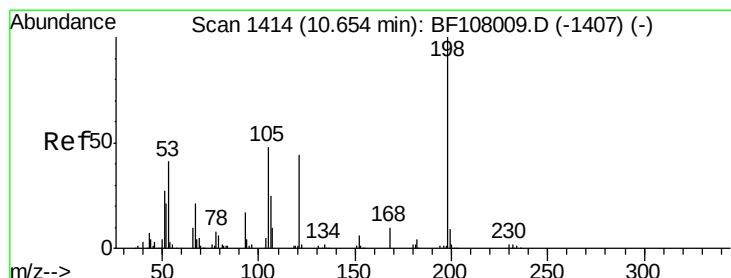
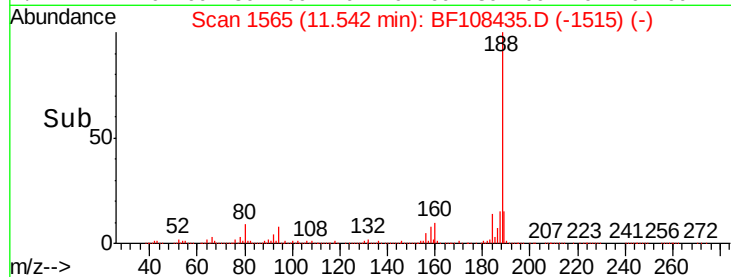
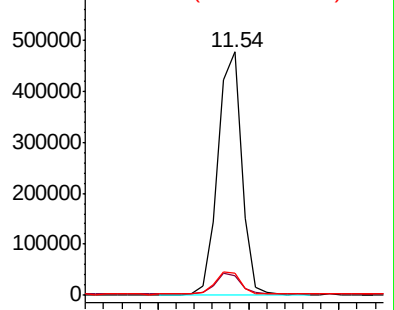
80 9.0 9.2 13.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 6.314 ng

RT: 10.84 min Scan# 1445

Delta R.T. 0.19 min

Lab File: BF108435.D

Acq: 23 Aug 2018 21:54

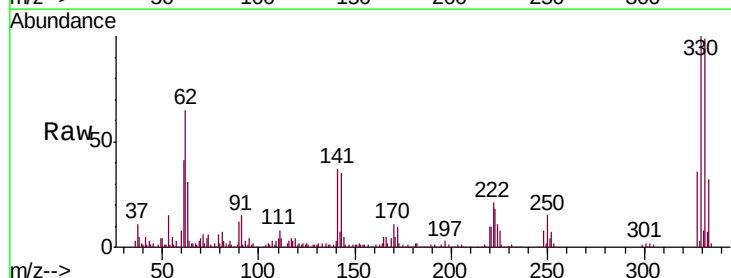
Tgt Ion:198 Resp: 1754

Ion Ratio Lower Upper

198 100

51 291.7 37.7 77.7#

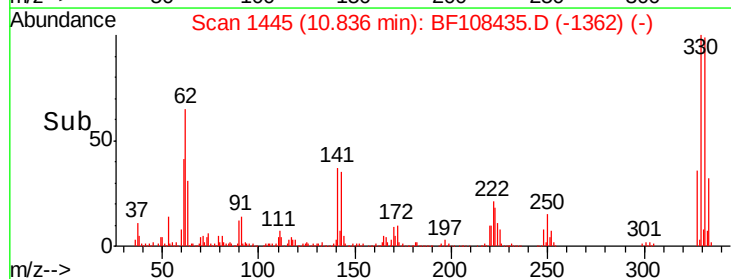
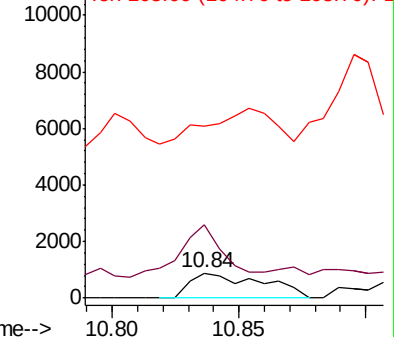
105 680.0 36.3 76.3#

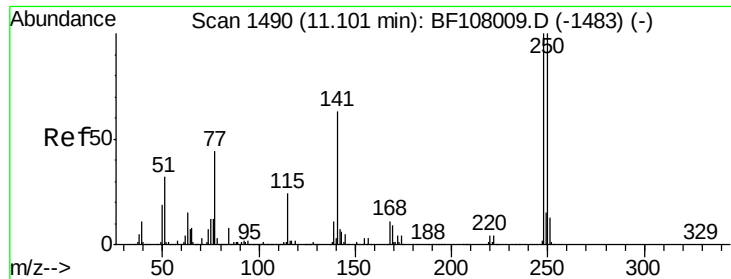


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

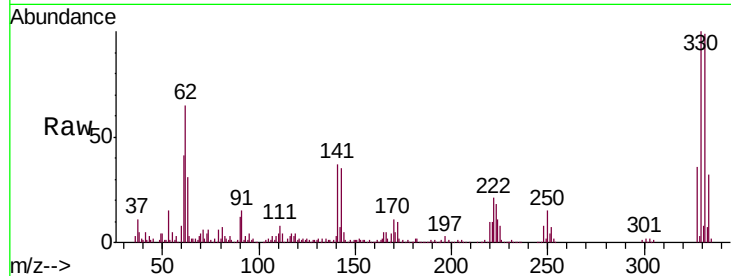




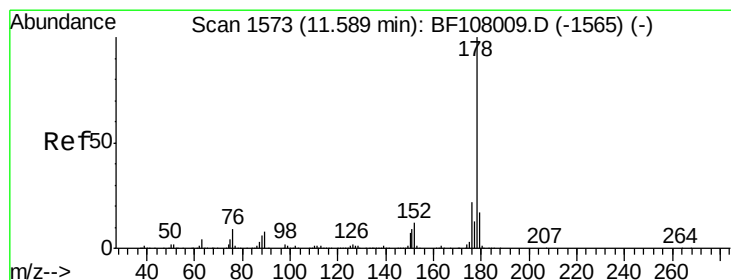
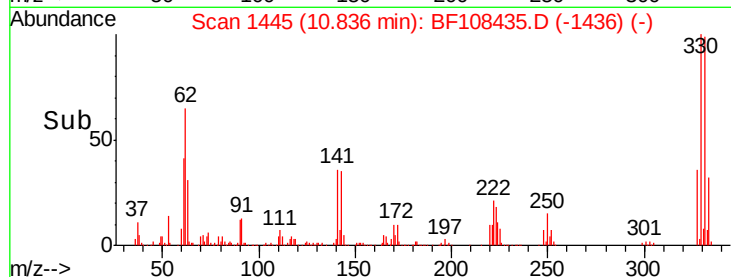
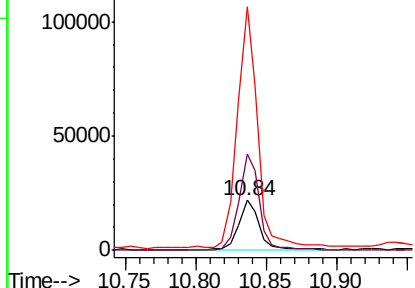
#66
 4-Bromophenyl-phenylether
 Concen: 4.932 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.25 min
 Lab File: BF108435.D
 Acq: 23 Aug 2018 21:54

Instrument :
 BNA_F
 ClientSampleId :
 RA-081618-FL-044

Tgt Ion:248 Resp: 23285
 Ion Ratio Lower Upper
 248 100
 250 194.8 76.9 115.3#
 141 489.7 74.4 111.6#

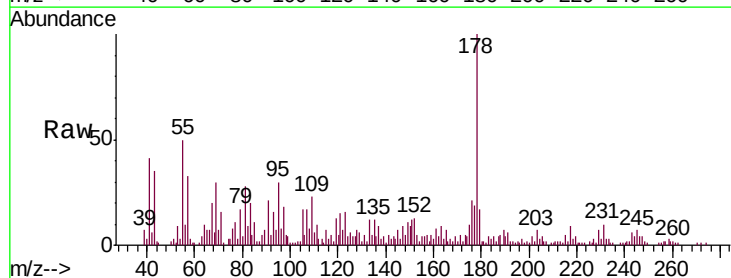


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

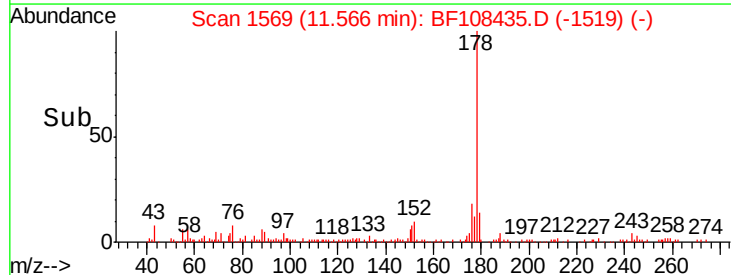
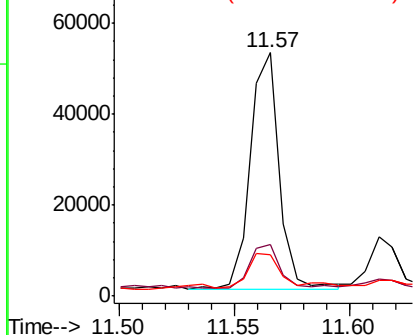


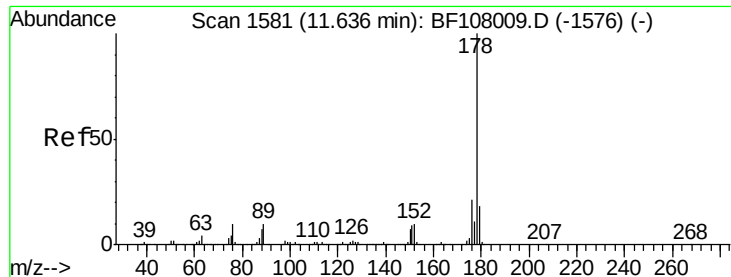
#70
 Phenanthrene
 Concen: 2.218 ng
 RT: 11.57 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF108435.D
 Acq: 23 Aug 2018 21:54

Tgt Ion:178 Resp: 45449
 Ion Ratio Lower Upper
 178 100
 176 21.0 15.8 23.8
 179 16.8 13.0 19.6



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

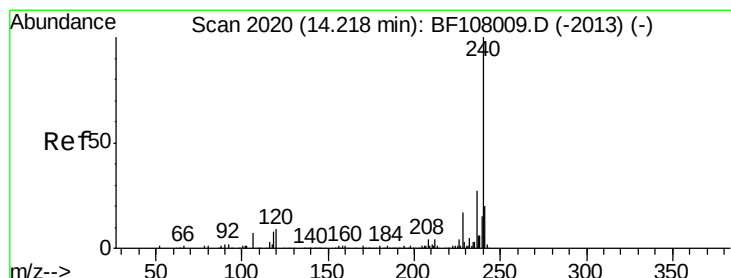
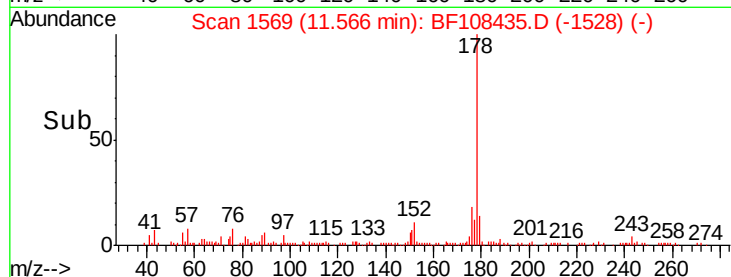
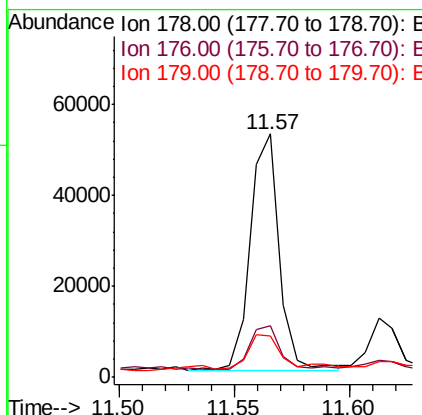
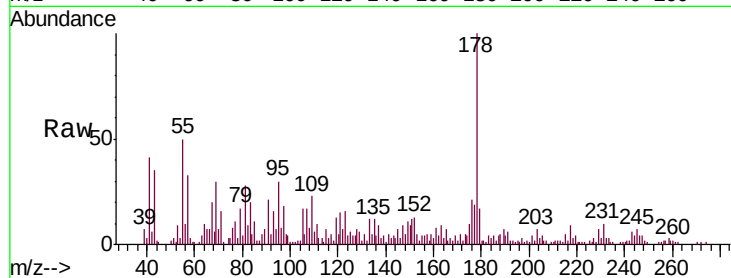




#71
 Anthracene
 Concen: 2.164 ng
 RT: 11.57 min Scan# 1569
 Delta R.T. -0.06 min
 Lab File: BF108435.D
 Acq: 23 Aug 2018 21:54

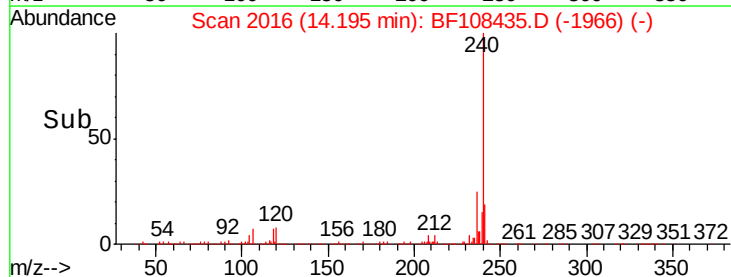
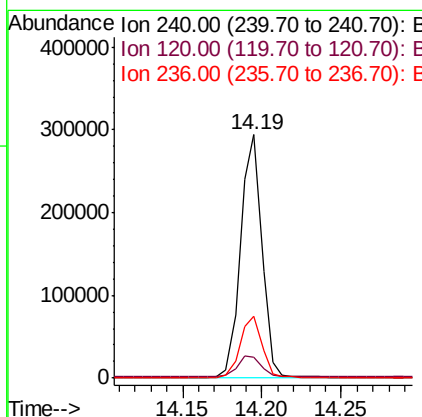
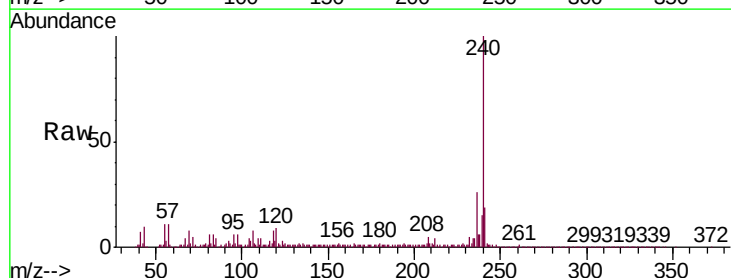
Instrument :
 BNA_F
 ClientSampleId :
 RA-081618-FL-044

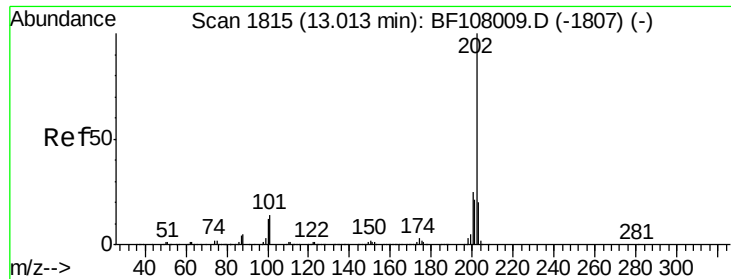
Tgt Ion:178 Resp: 45449
 Ion Ratio Lower Upper
 178 100
 176 21.0 15.4 23.2
 179 16.8 12.6 19.0



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.19 min Scan# 2016
 Delta R.T. -0.01 min
 Lab File: BF108435.D
 Acq: 23 Aug 2018 21:54

Tgt Ion:240 Resp: 272302
 Ion Ratio Lower Upper
 240 100
 120 8.6 9.5 14.3#
 236 25.6 20.7 31.1





#77

Pyrene

Concen: 2.114 ng

RT: 12.99 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BF108435.D

Acq: 23 Aug 2018 21:54

Instrument :

BNA_F

ClientSampleId :

RA-081618-FL-044

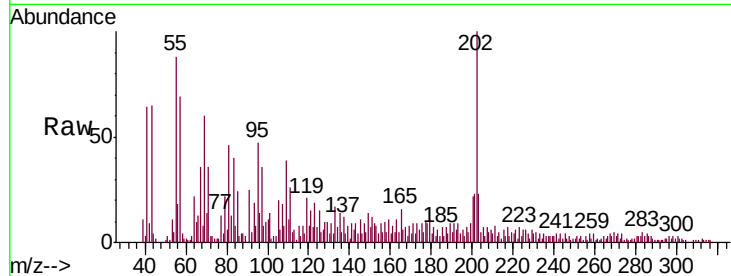
Tgt Ion:202 Resp: 36442

Ion Ratio Lower Upper

202 100

200 22.4 17.4 26.2

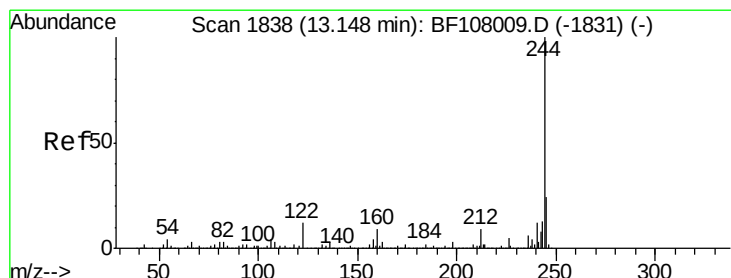
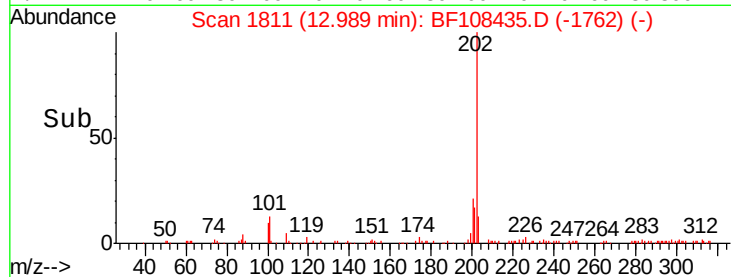
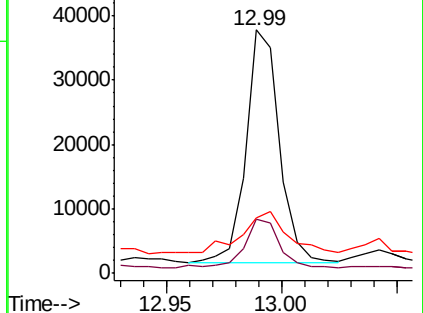
203 22.7 14.3 21.5#



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: 94.751 ng

RT: 13.13 min Scan# 1835

Delta R.T. -0.00 min

Lab File: BF108435.D

Acq: 23 Aug 2018 21:54

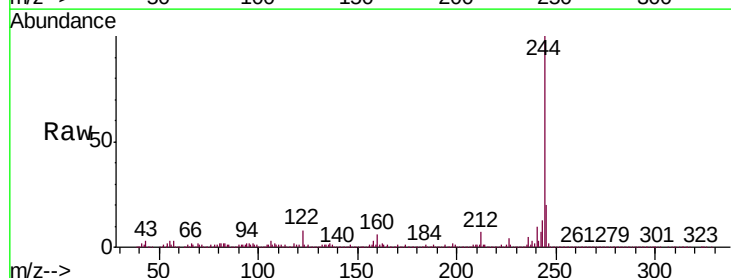
Tgt Ion:244 Resp: 1014756

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

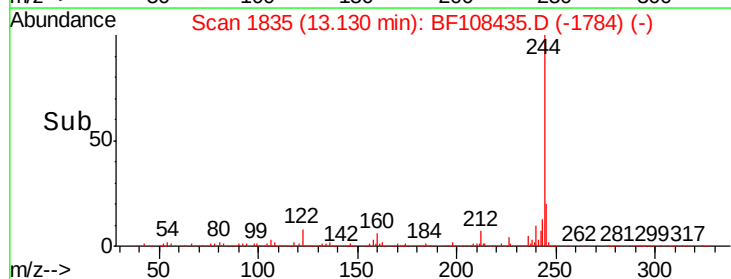
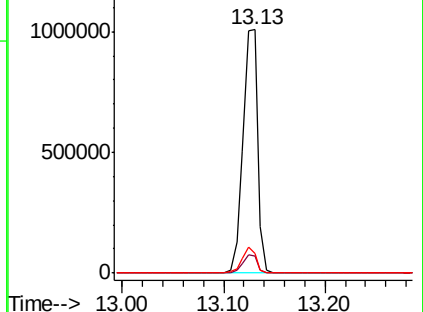
122 8.1 11.0 16.4#

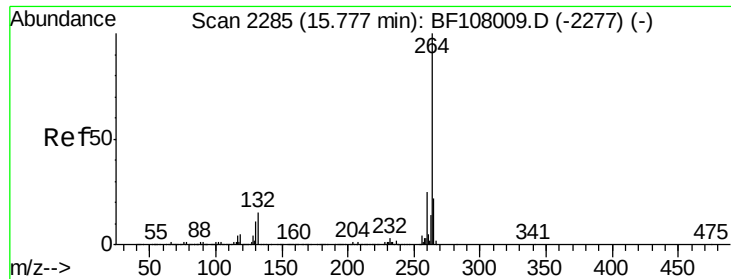


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

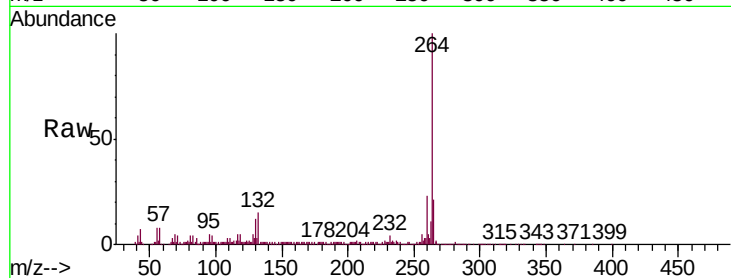




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF108435.D
Acq: 23 Aug 2018 21:54

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-044

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.4	17.5	26.3



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

