

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 02:17:37 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

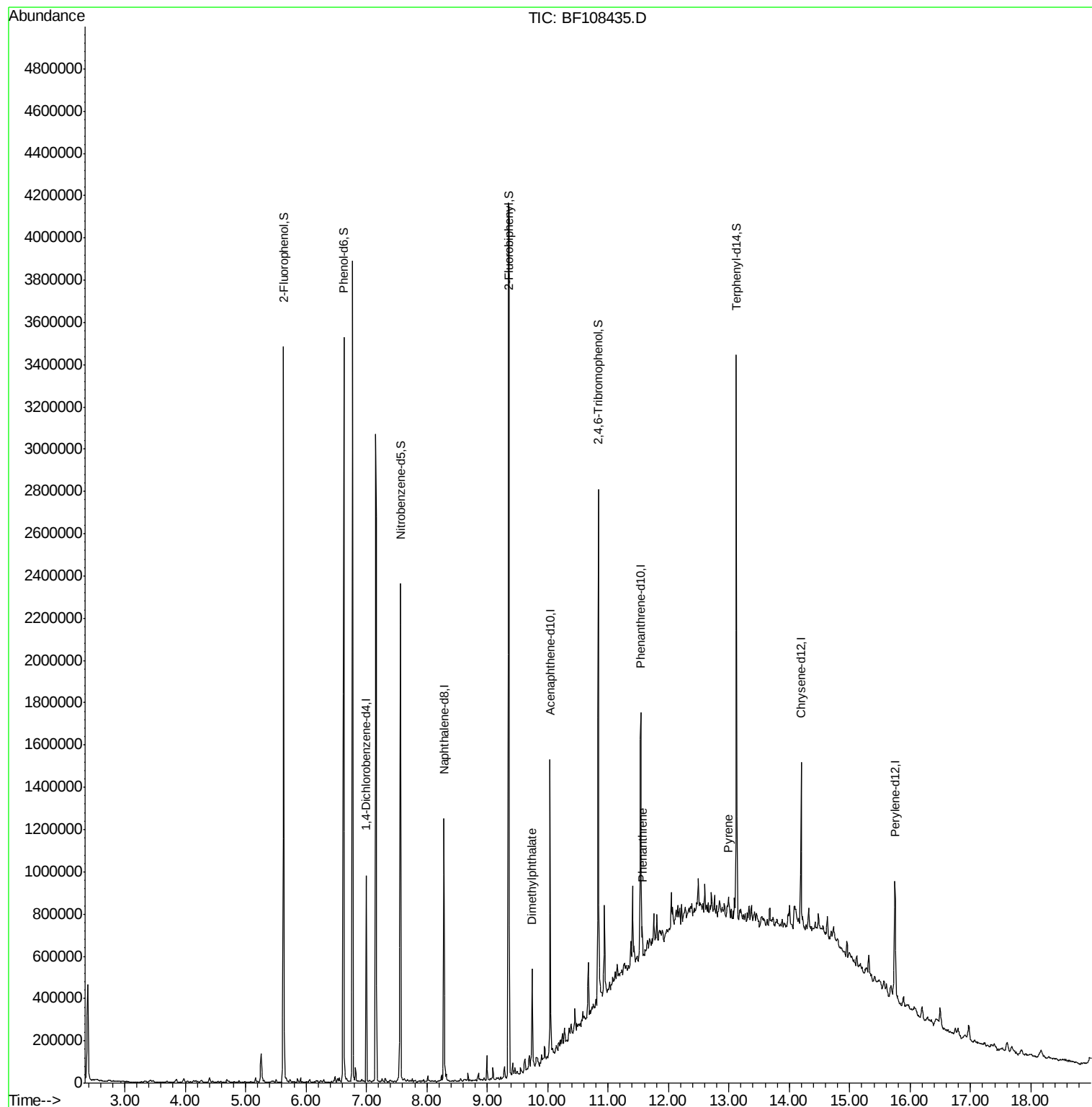
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	145007	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	534266	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	254258	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	434407	20.00	ng	0.00
75) Chrysene-d12	14.19	240	272302	20.00	ng	0.00
86) Perylene-d12	15.75	264	285218	20.00	ng	-0.01
System Monitoring Compounds						
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						
49) Dimethylphthalate	9.74	163	151015	8.527	ng	99
70) Phenanthrene	11.57	178	45449	2.218	ng	98
77) Pyrene	12.99	202	36442	2.114	ng	# 94

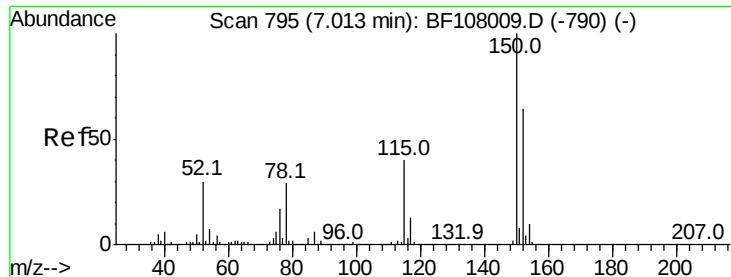
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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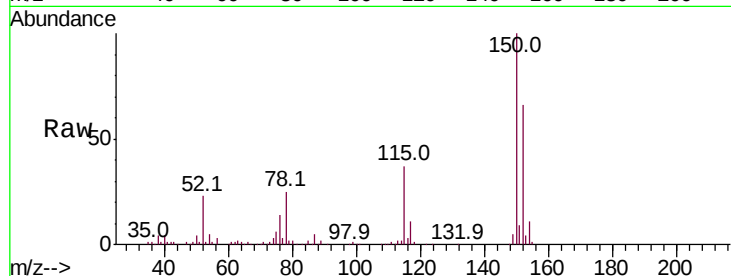


#1

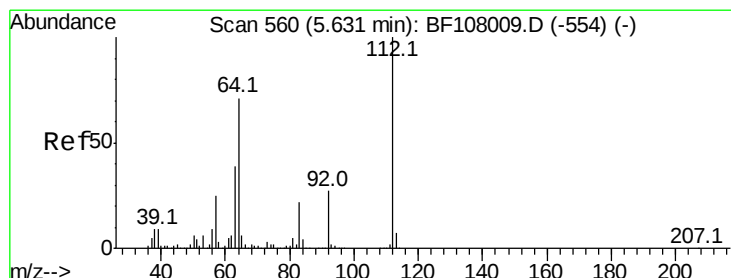
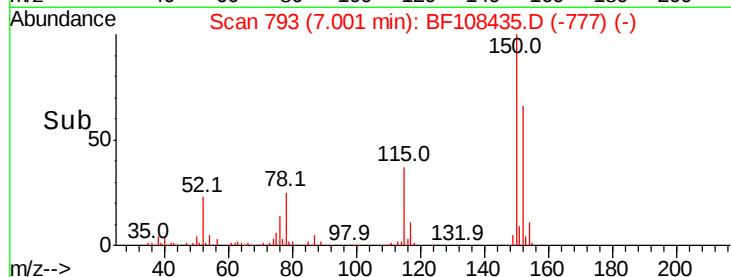
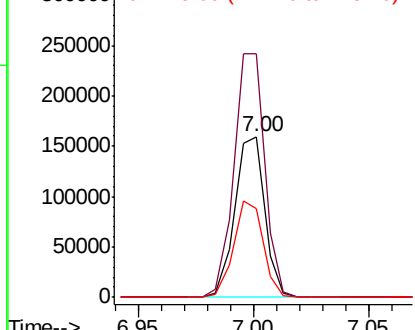
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108435.D
Acq: 23 Aug 2018 21:54

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

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



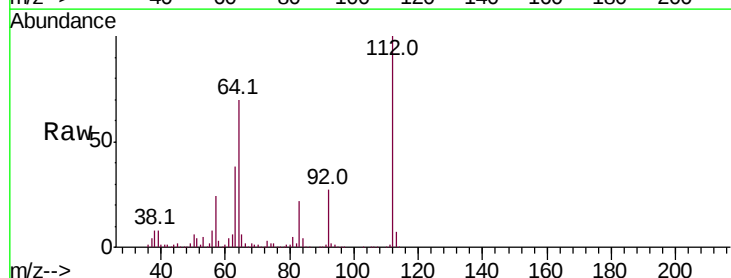
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



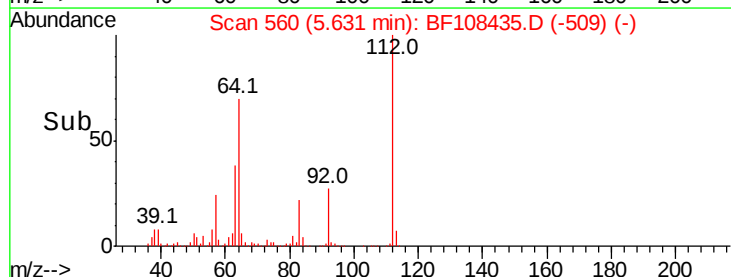
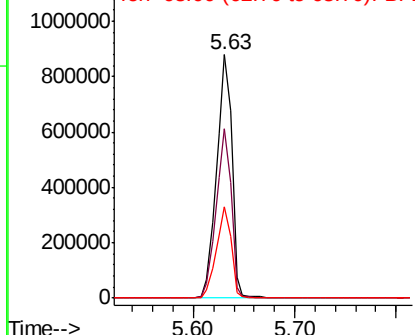
#5

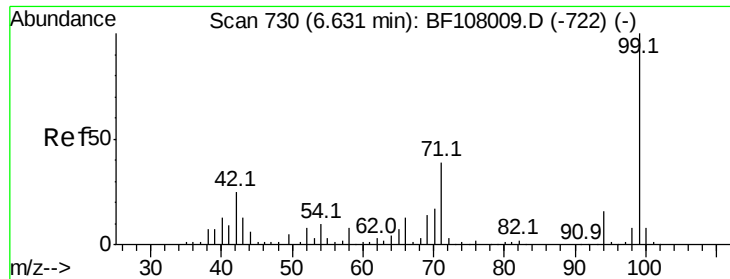
2-Fluorophenol
Concen: 115.285 ng
RT: 5.63 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF108435.D
Acq: 23 Aug 2018 21:54

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 :

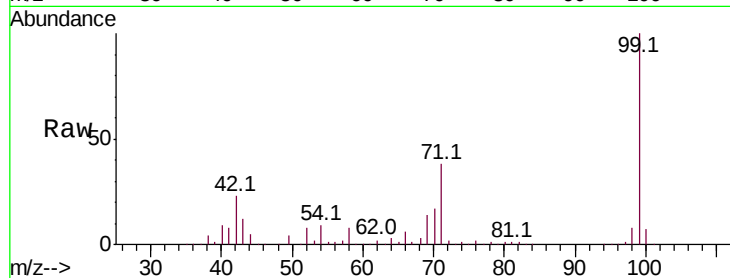
BNA_F

ClientSampleId :

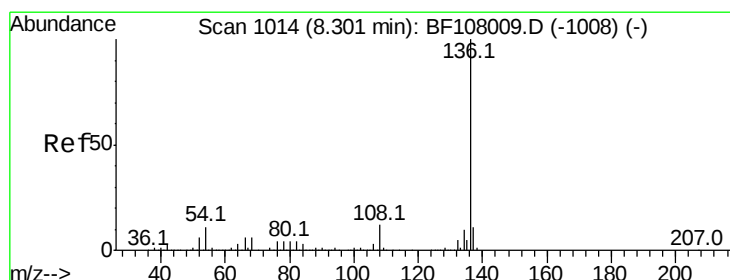
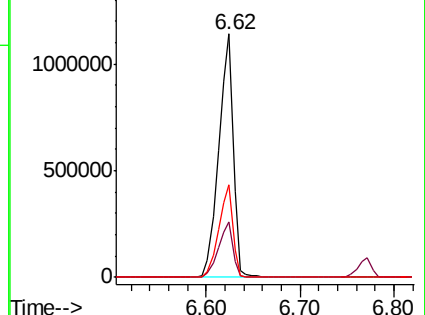
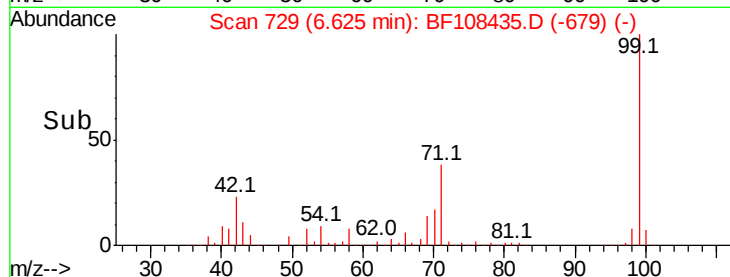
RA-081618-FL-044

Tot 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.28 min Scan# 1011

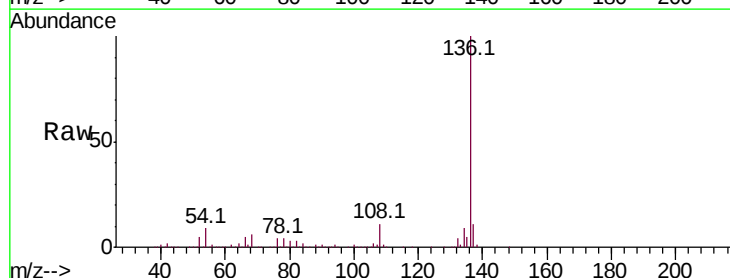
Delta R.T. -0.01 min

Lab File: BF108435.D

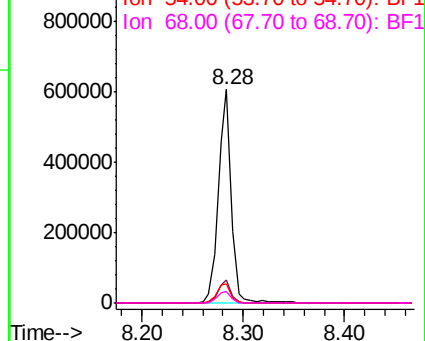
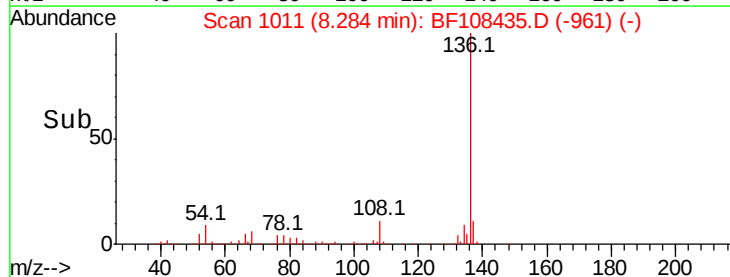
Acq: 23 Aug 2018 21:54

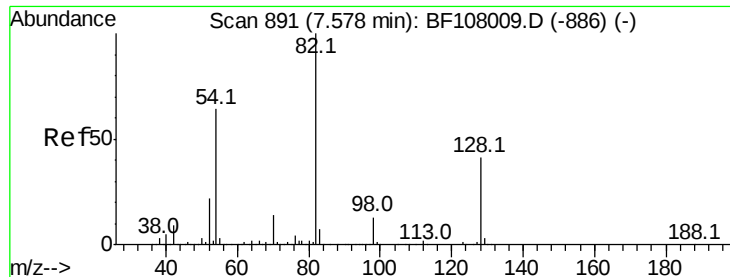
Tgt Ion: 136 Resp: 534266

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



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

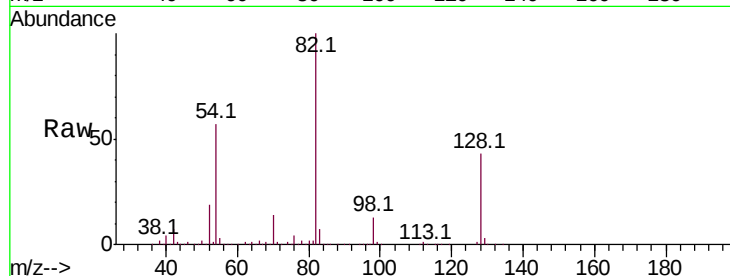




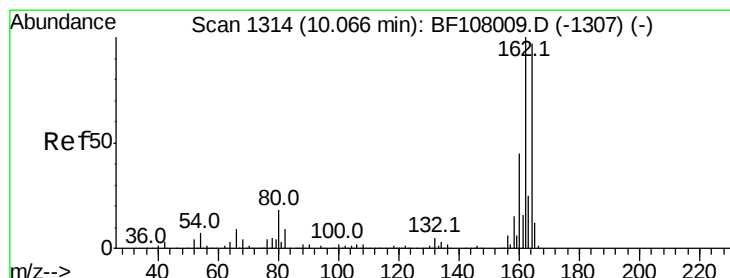
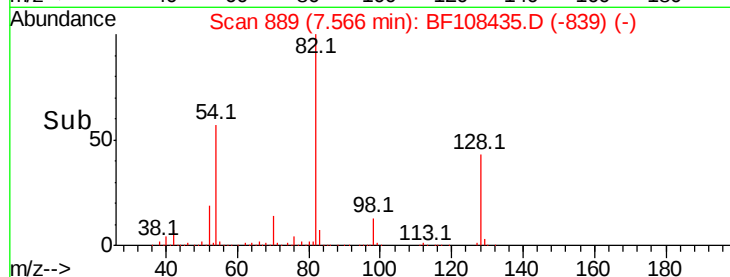
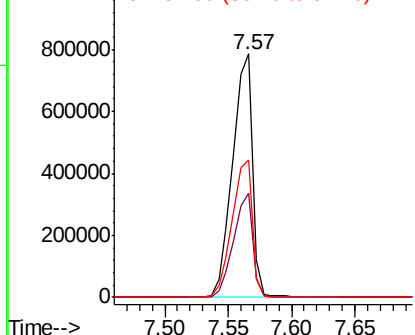
#23
 Nitrobenzene-d5
 Concen: 88.705 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF108435.D
 Acq: 23 Aug 2018 21:54

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

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

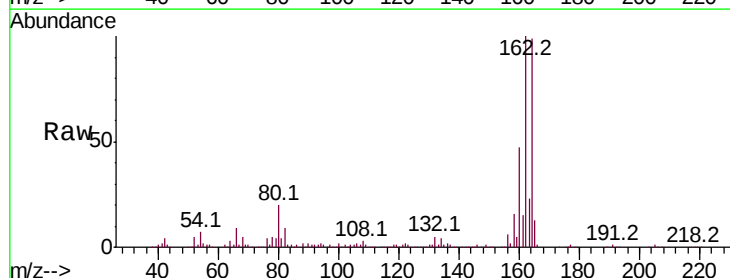


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

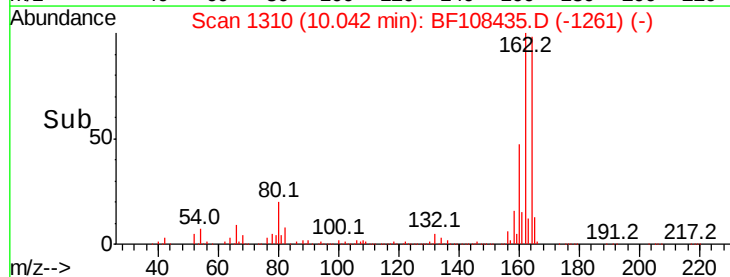
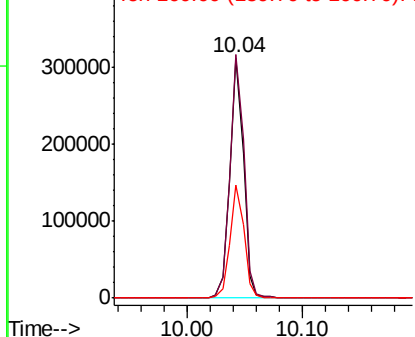


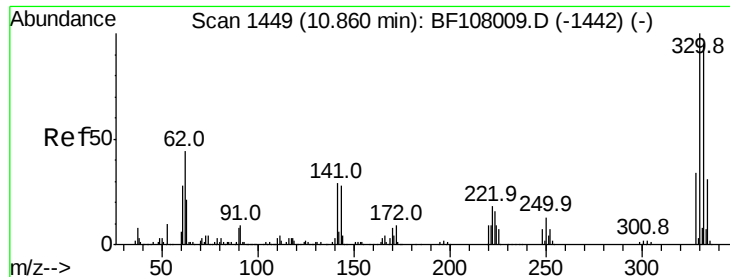
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF108435.D
 Acq: 23 Aug 2018 21:54

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



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

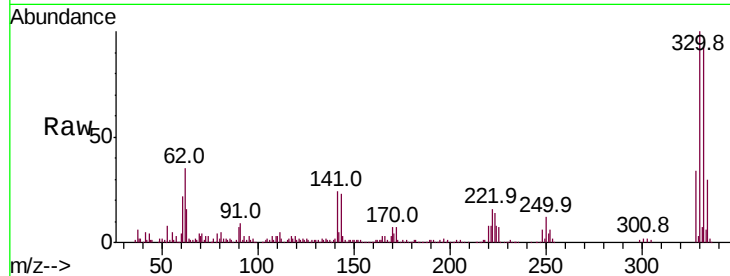




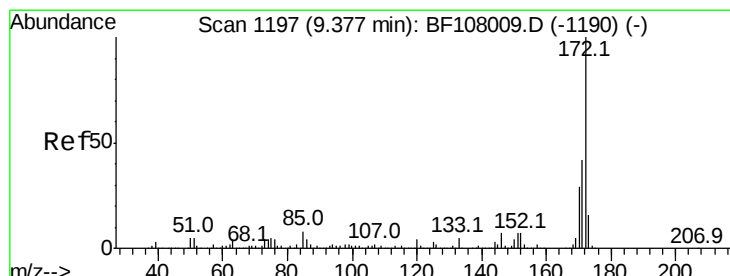
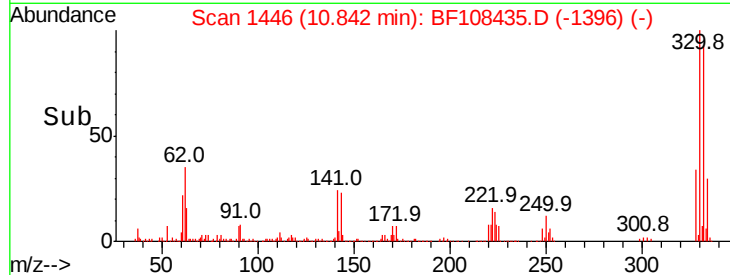
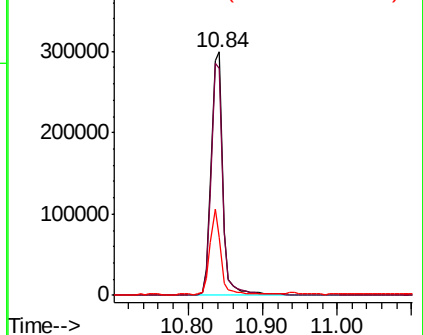
#41
 2,4,6-Tribromophenol
 Concen: 127.707 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108435.D
 Acq: 23 Aug 2018 21:54

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

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

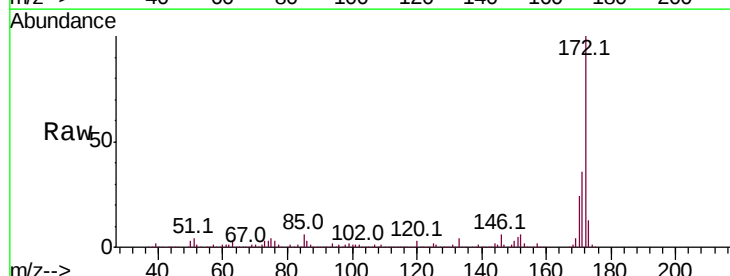


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

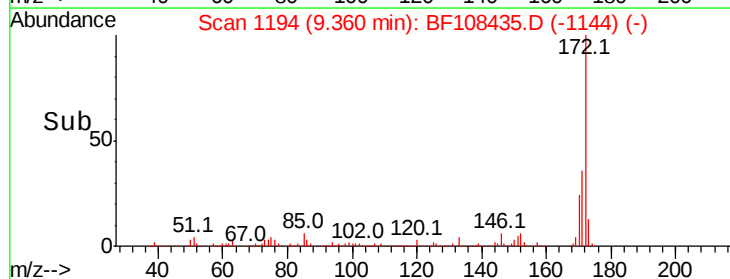
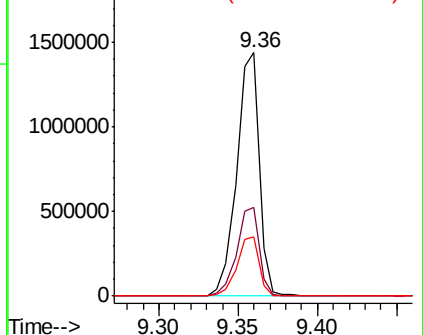


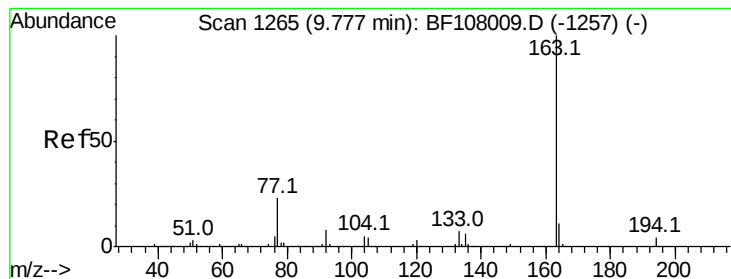
#44
 2-Fluorobiphenyl
 Concen: 89.637 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF108435.D
 Acq: 23 Aug 2018 21:54

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

Instrument :

BNA_F

ClientSampleId :

RA-081618-FL-044

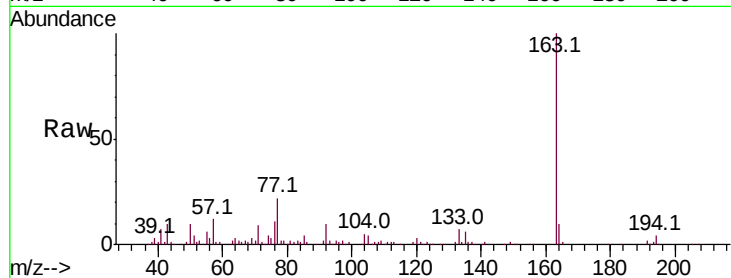
Tot Ion:163 Resp: 151015

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

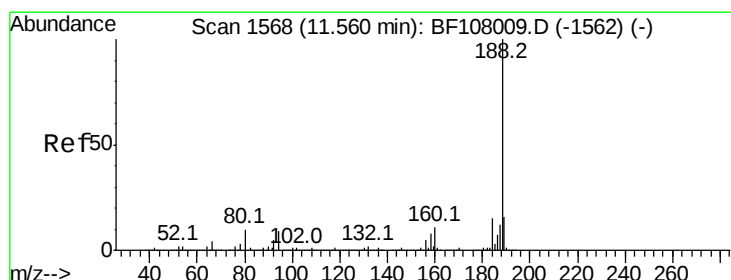
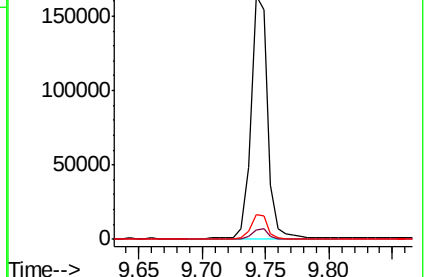
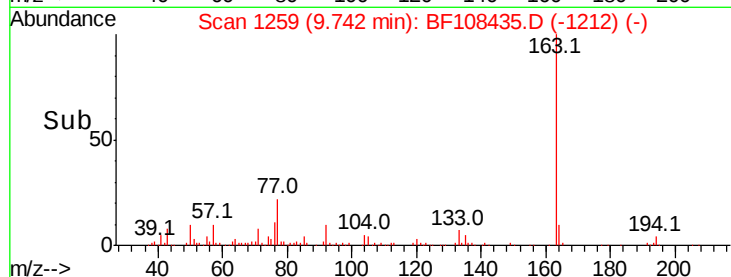
164 10.1 8.2 12.2



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



#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

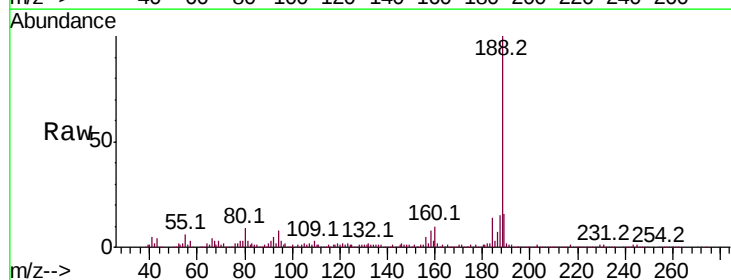
Tgt Ion:188 Resp: 434407

Ion Ratio Lower Upper

188 100

94 8.1 8.5 12.7#

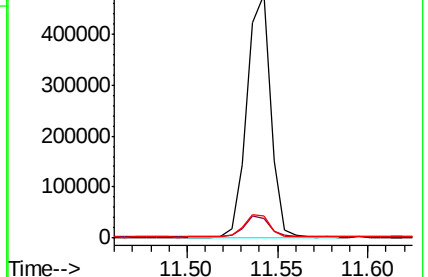
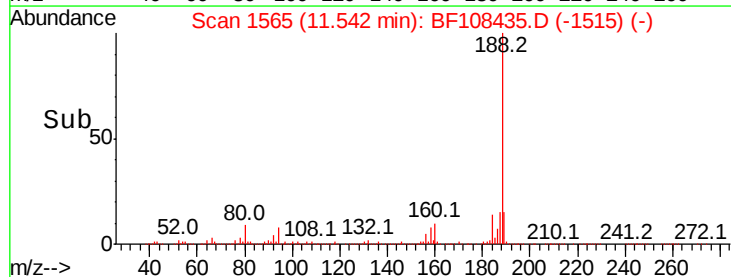
80 9.0 9.2 13.8#

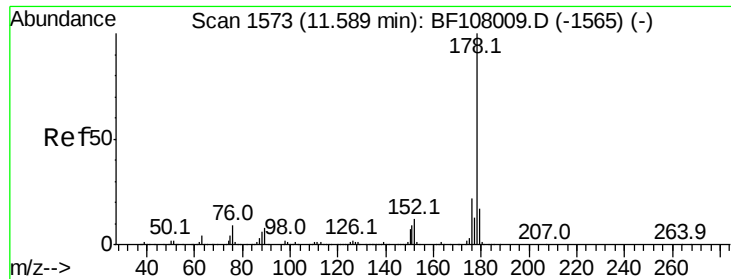


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

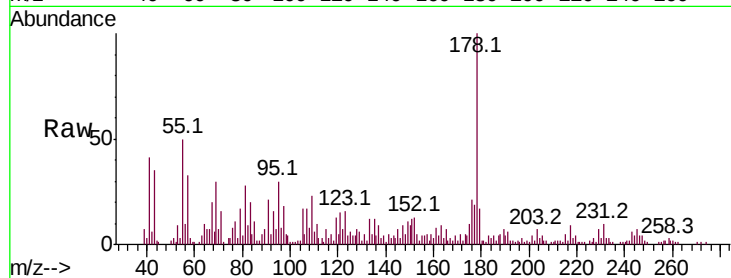




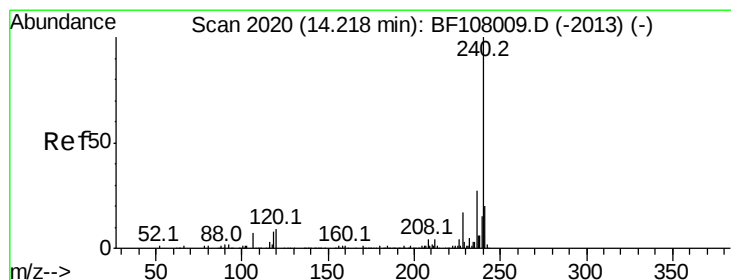
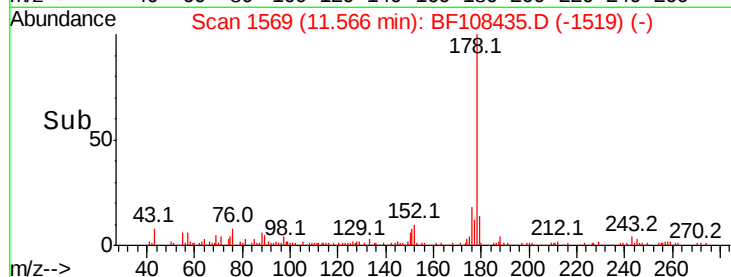
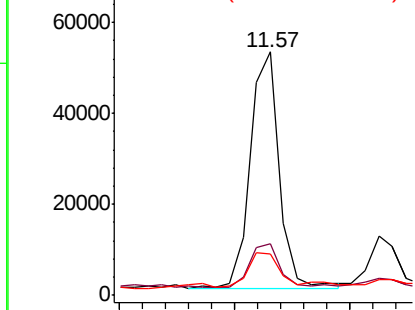
#70
Phenanthrene
Concen: 2.218 ng
RT: 11.57 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF108435.D
Acq: 23 Aug 2018 21:54

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

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

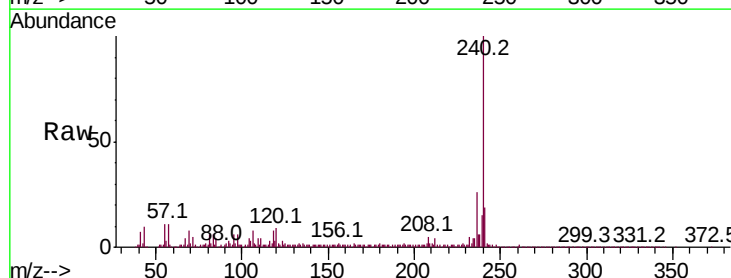


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

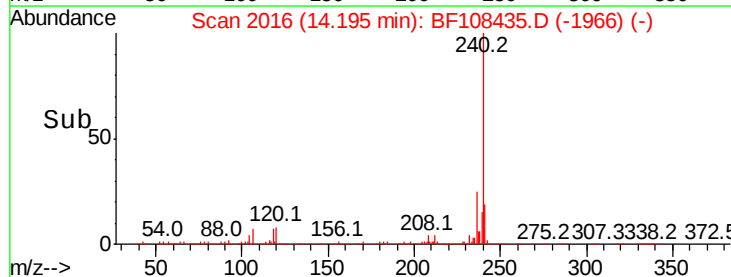
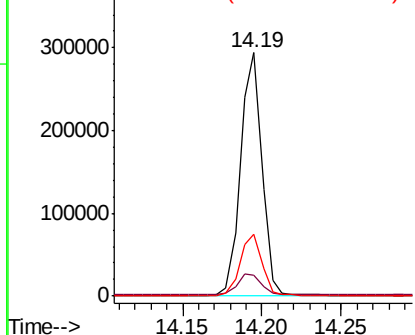


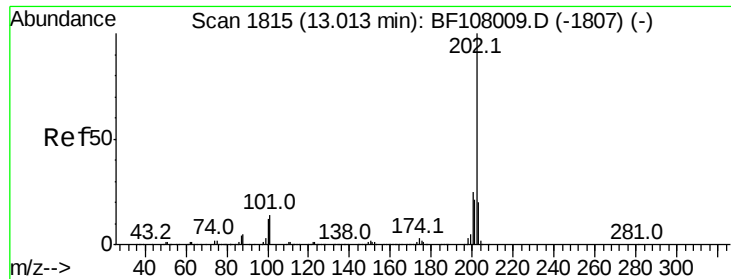
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF108435.D
Acq: 23 Aug 2018 21:54

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



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

Pvrene

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

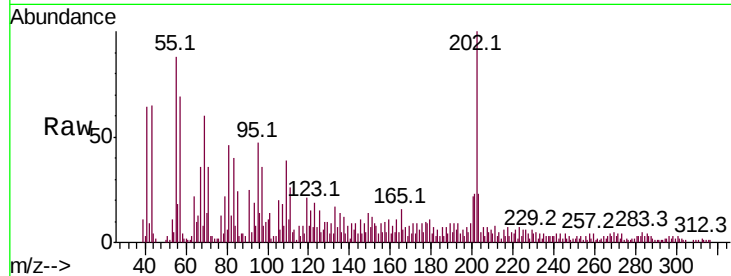
Tot Ion:202 Resp: 36442

Ion Ratio Lower Upper

202 100

200 22.4 17.4 26.2

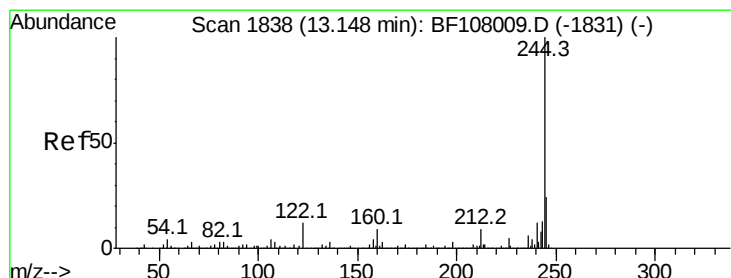
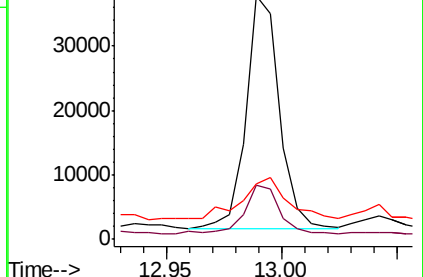
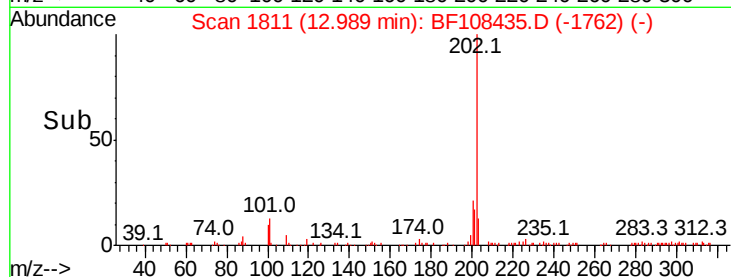
203 22.7 14.3 21.5#



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

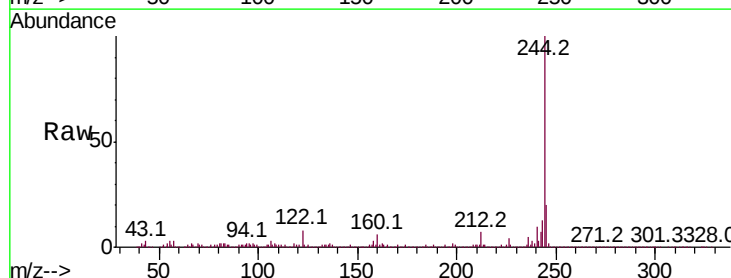
Tgt Ion:244 Resp: 1014756

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

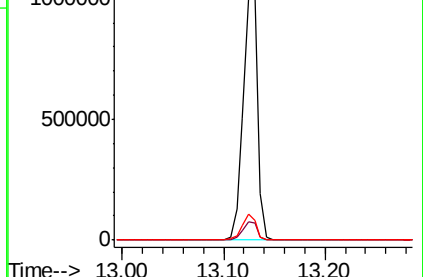
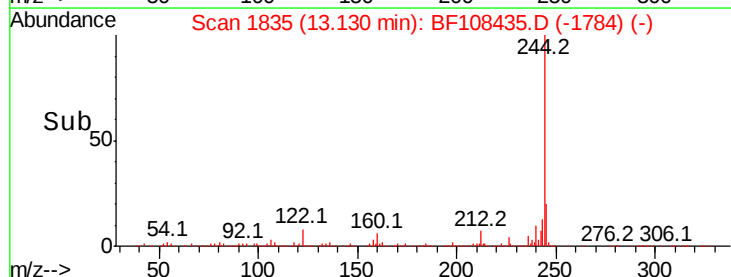
122 8.1 11.0 16.4#

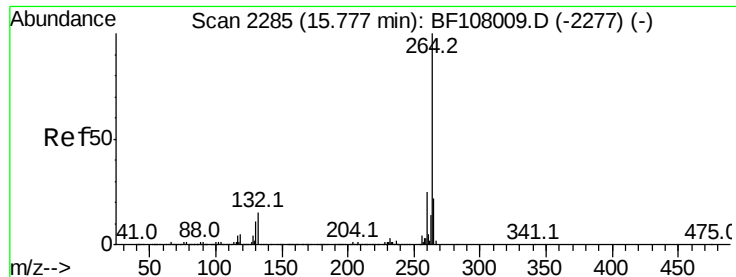


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

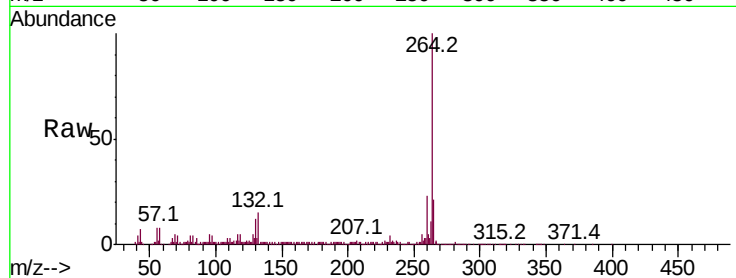




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF108435.D
Acq: 23 Aug 2018 21:54

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

Tot Ion:	264	Resp:	285218
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

