

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082318\
 Data File : BF108427.D
 Acq On : 23 Aug 2018 18:16
 Operator : JU/SJ
 Sample : J4535-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RA-081618-FL-036

Quant Time: Aug 24 01:03:33 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

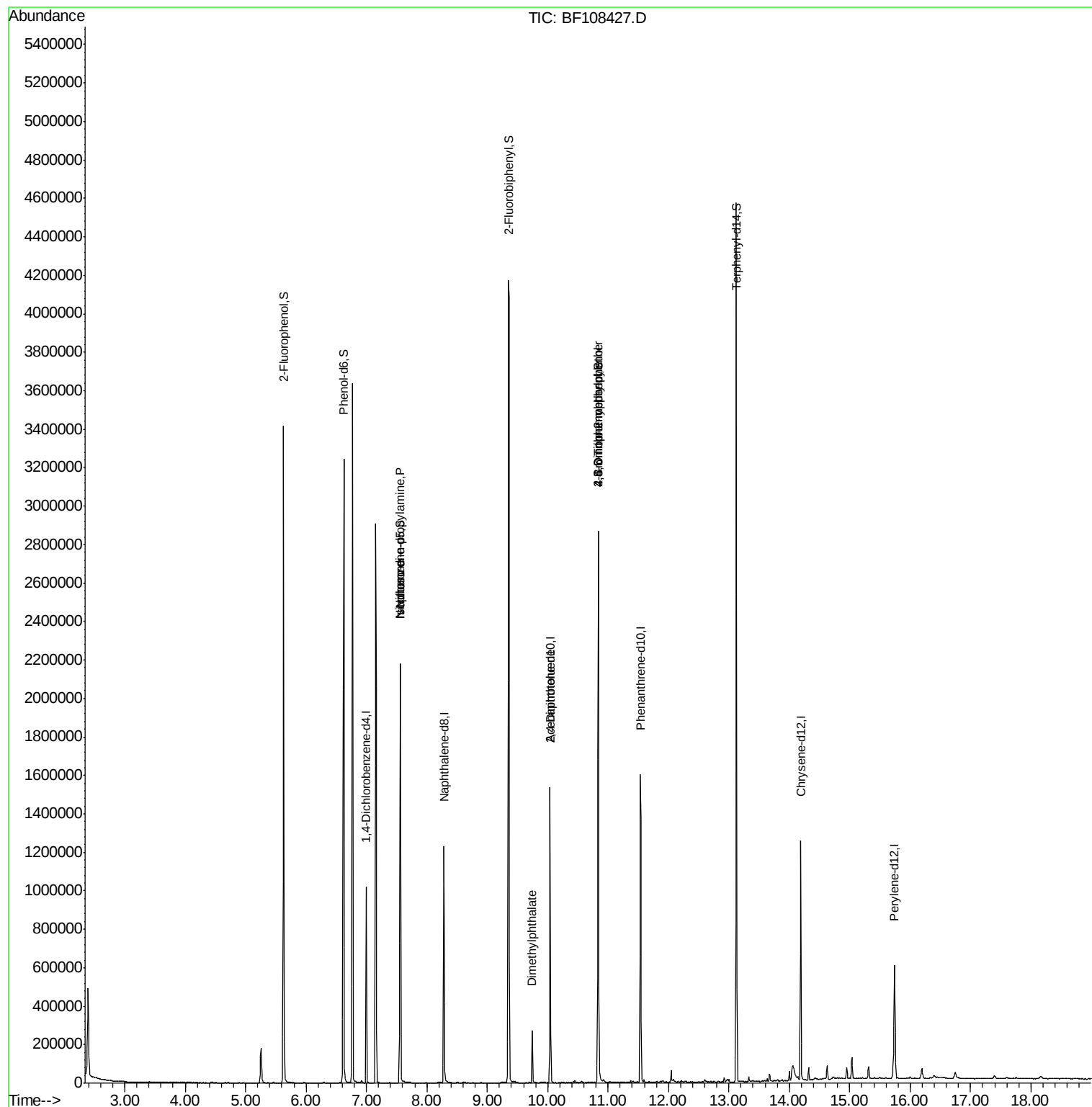
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	148227	20.00	ng	-0.01
21) Naphthalene-d8	8.28	136	565211	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	293939	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	595495	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	411820	20.00	ng	-0.01
86) Perylene-d12	15.74	264	299329	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	889610	108.66	ng	0.00
7) Phenol-d6	6.62	99	1225051	112.60	ng	0.00
23) Nitrobenzene-d5	7.56	82	801594	79.14	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	390894	133.32	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1460604	79.78	ng	0.00
78) Terphenyl-d14	13.12	244	1641569	101.35	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.56	70	108773	14.784	ng	# 84
25) Isophorone	7.56	82	798486	41.359	ng	# 64
49) Dimethylphthalate	9.75	163	119841	5.853	ng	# 99
56) 2,4-Dinitrotoluene	10.04	165	37089	6.726	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.84	198	781	5.669	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	25214	3.896	ng	# 1

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

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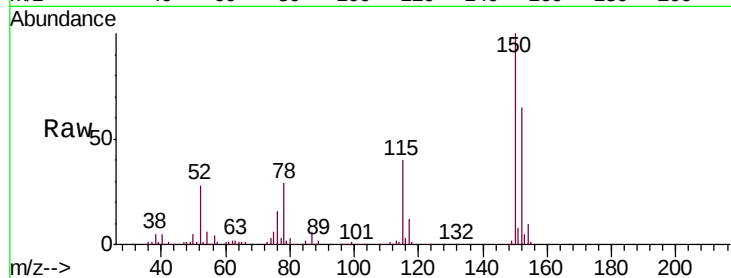


#1

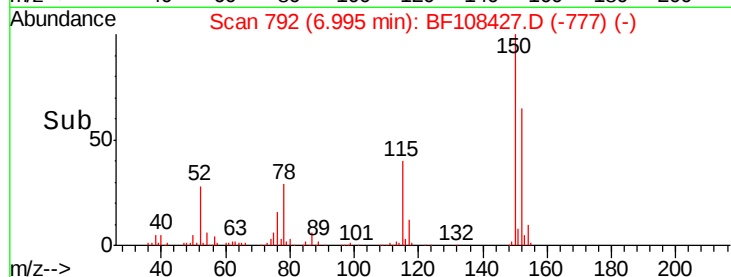
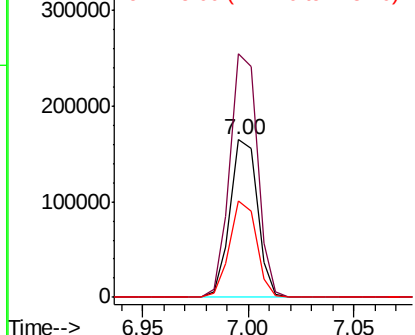
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF108427.D
Acq: 23 Aug 2018 18:16

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-036

Tgt Ion:152 Resp: 148227
Ion Ratio Lower Upper
152 100
150 154.4 124.6 186.8
115 61.4 50.1 75.1



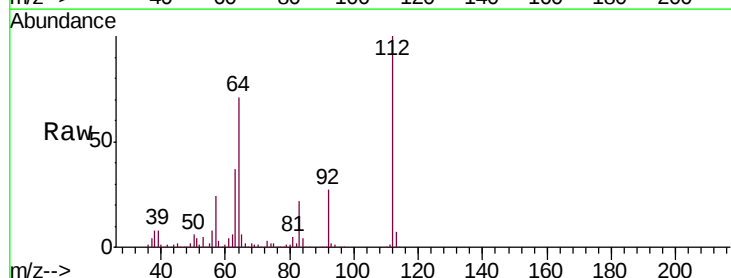
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



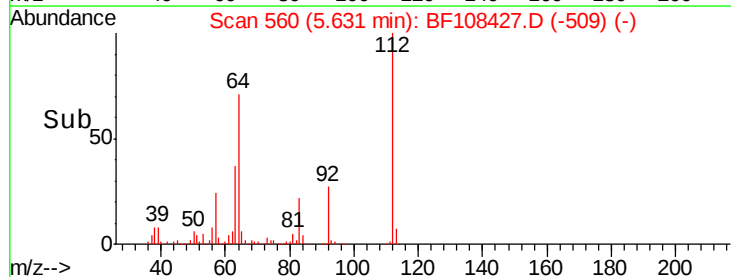
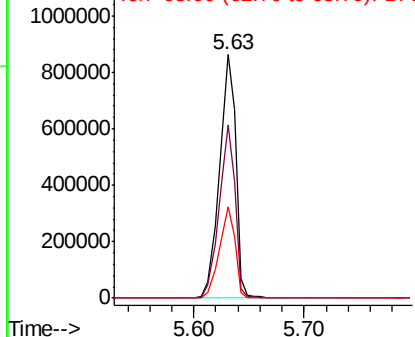
#5

2-Fluorophenol
Concen: 108.658 ng
RT: 5.63 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF108427.D
Acq: 23 Aug 2018 18:16

Tgt Ion:112 Resp: 889610
Ion Ratio Lower Upper
112 100
64 71.3 47.9 71.9
63 37.4 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: 112.599 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108427.D

Acq: 23 Aug 2018 18:16

Instrument :

BNA_F

ClientSampleId :

RA-081618-FL-036

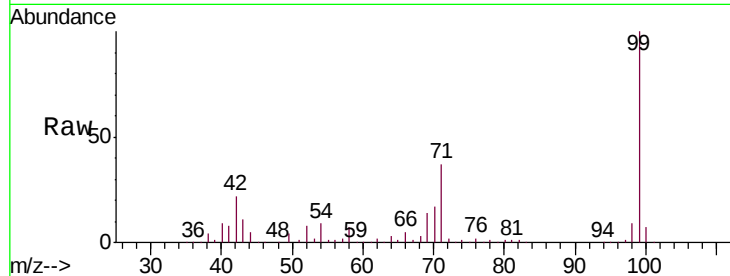
Tgt Ion: 99 Resp: 1225051

Ion Ratio Lower Upper

99 100

42 21.9 14.5 21.7#

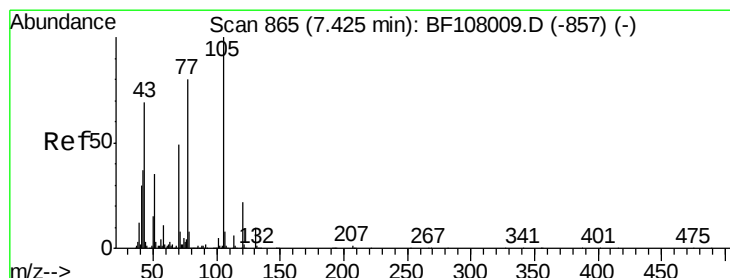
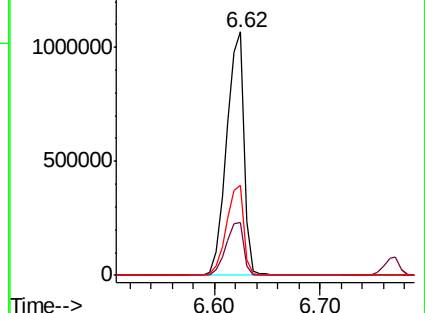
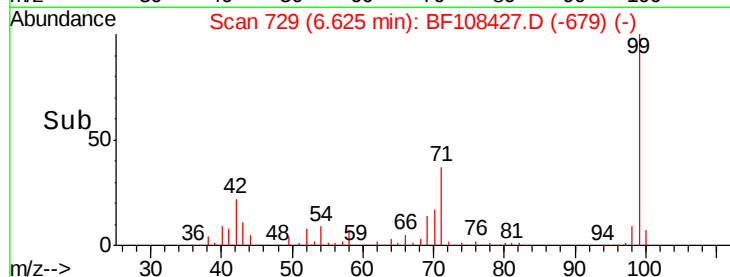
71 36.8 25.4 38.0



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: 14.784 ng

RT: 7.56 min Scan# 888

Delta R.T. 0.15 min

Lab File: BF108427.D

Acq: 23 Aug 2018 18:16

Tgt Ion: 70 Resp: 108773

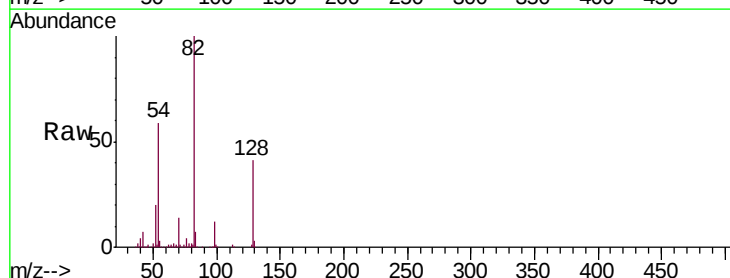
Ion Ratio Lower Upper

70 100

42 54.3 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

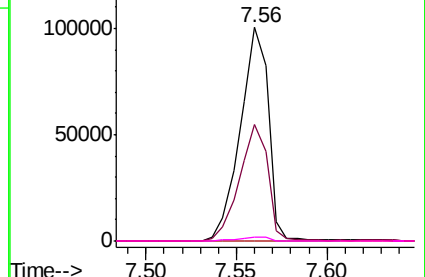
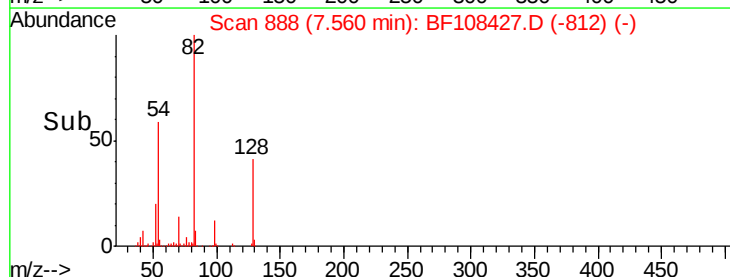


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

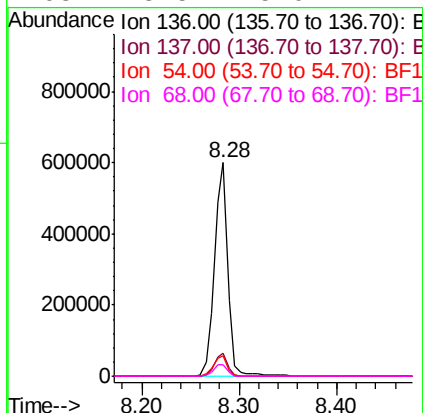
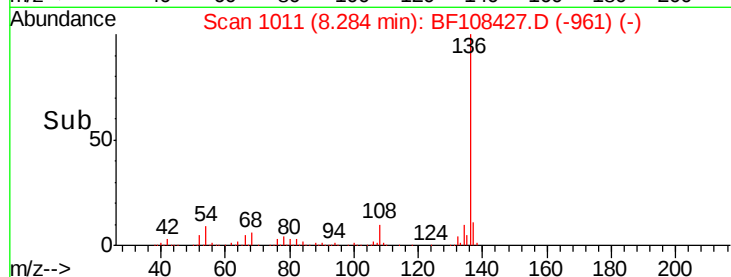
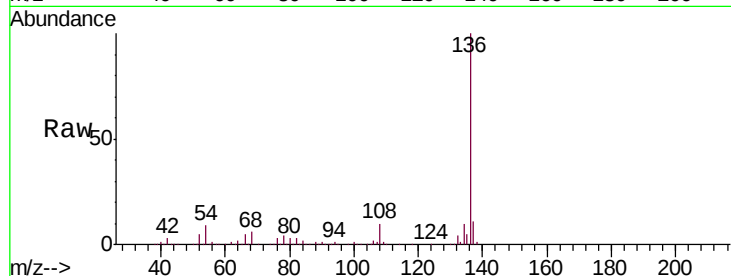




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108427.D
Acq: 23 Aug 2018 18:16

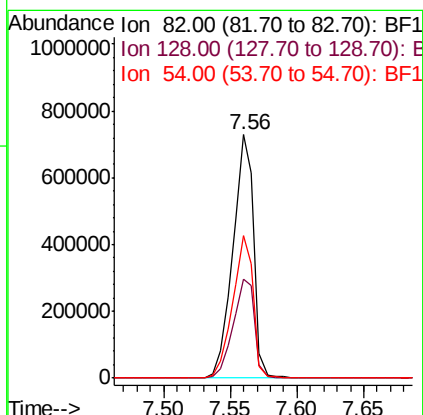
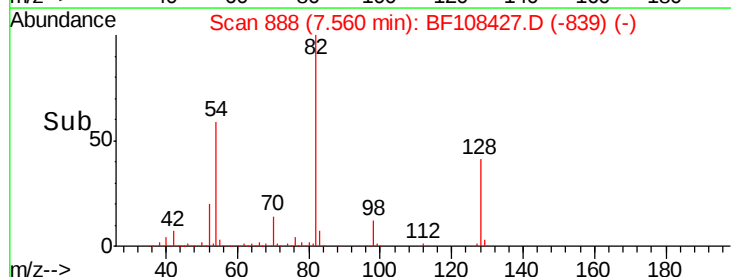
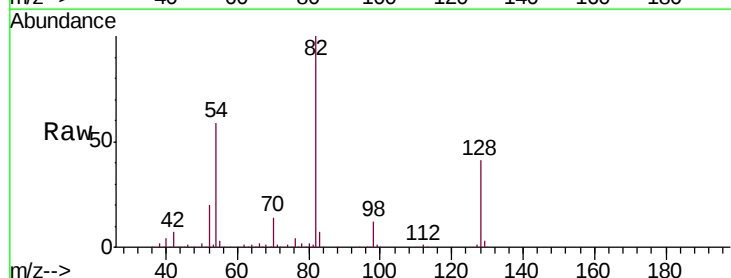
Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-036

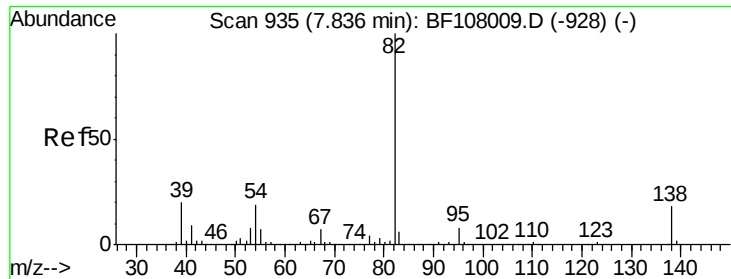
Tgt Ion:	136	Resp:	565211
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.3	6.6	9.8
68	5.5	5.0	7.4



#23
Nitrobenzene-d5
Concen: 79.139 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF108427.D
Acq: 23 Aug 2018 18:16

Tgt Ion:	82	Resp:	801594
Ion	Ratio	Lower	Upper
82	100		
128	40.9	36.1	54.1
54	58.7	41.4	62.2





#25

Isophorone

Concen: 41.359 ng

RT: 7.56 min Scan# 888

Delta R.T. -0.26 min

Lab File: BF108427.D

Acq: 23 Aug 2018 18:16

Instrument :

BNA_F

ClientSampleId :

RA-081618-FL-036

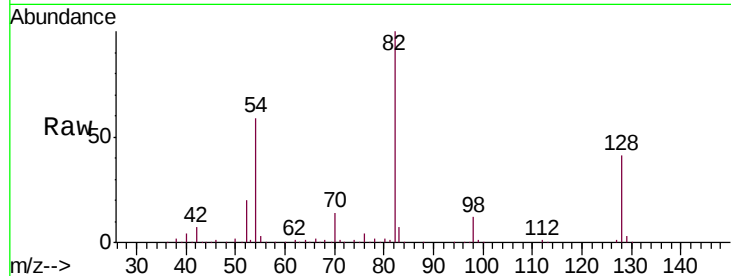
Tgt Ion: 82 Resp: 798486

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

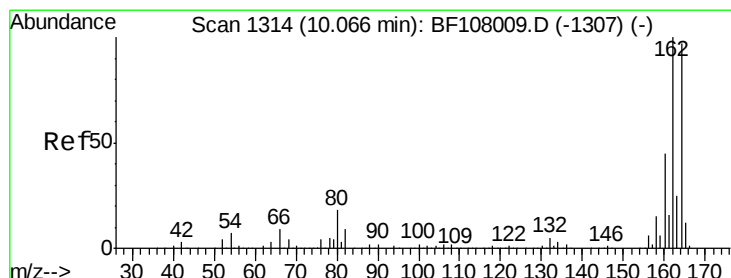
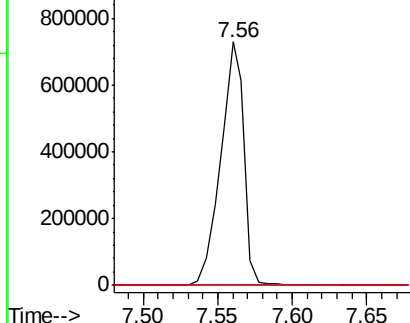
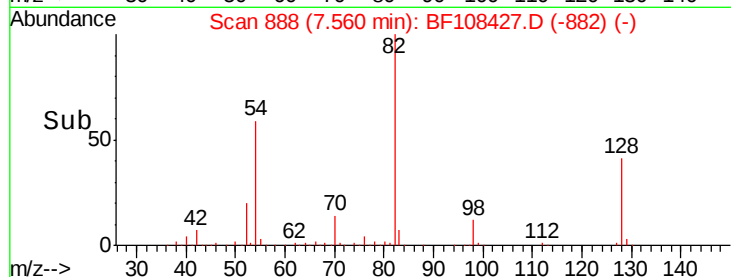
138 0.0 14.9 22.3#



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.04 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF108427.D

Acq: 23 Aug 2018 18:16

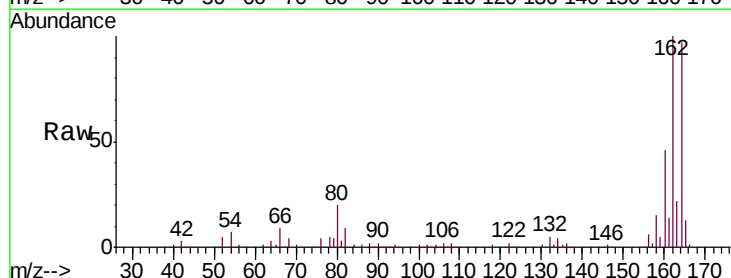
Tgt Ion: 164 Resp: 293939

Ion Ratio Lower Upper

164 100

162 102.8 86.1 129.1

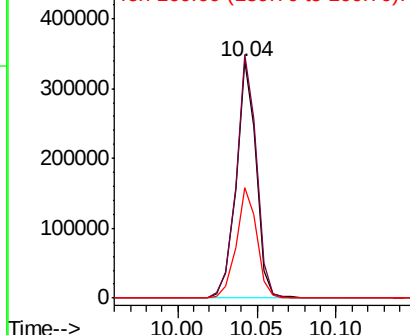
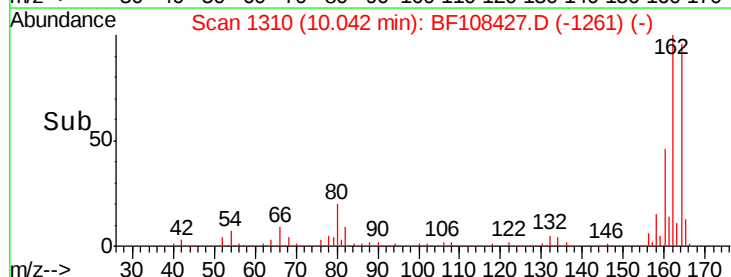
160 46.9 38.3 57.5



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

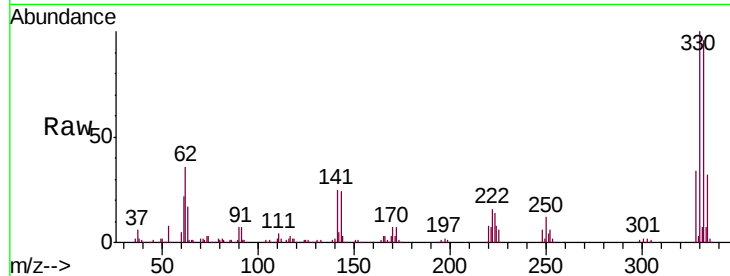




#41
 2,4,6-Tribromophenol
 Concen: 133.321 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108427.D
 Acq: 23 Aug 2018 18:16

Instrument :
 BNA_F
 ClientSampleId :
 RA-081618-FL-036

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	32.1	29.9	44.9

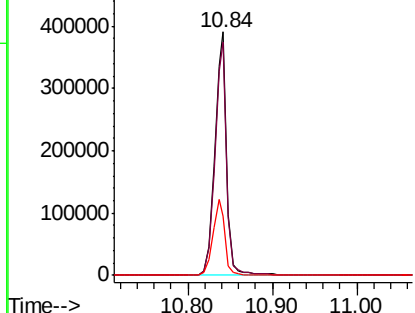
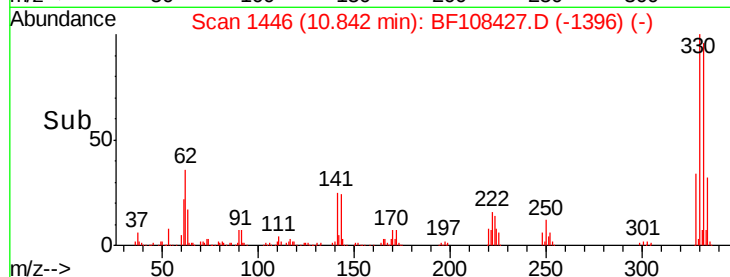


Abundance

Ion 329.80 (329.50 to 330.50): E

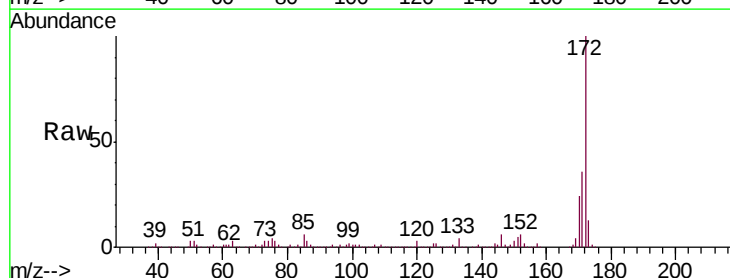
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 79.777 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF108427.D
 Acq: 23 Aug 2018 18:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.3	19.6	29.4

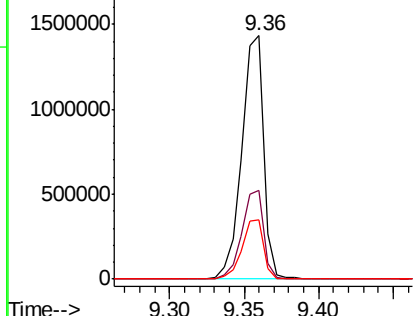
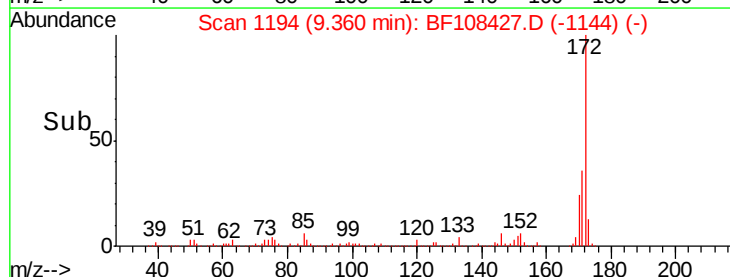


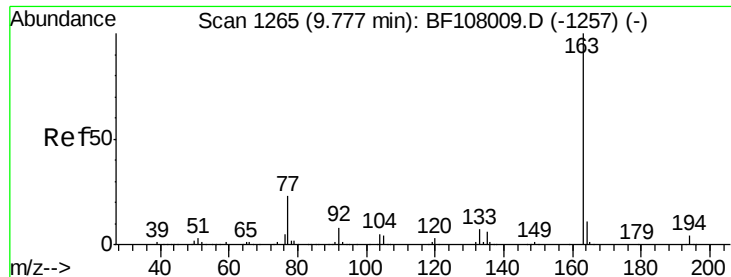
Abundance

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

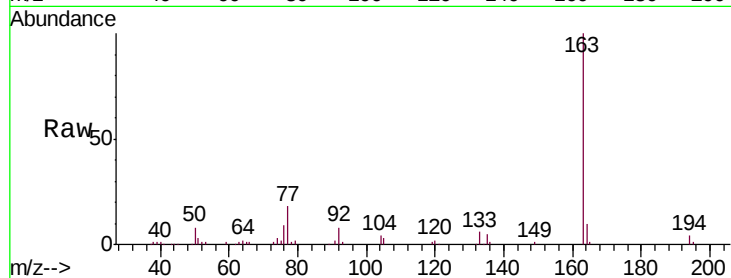




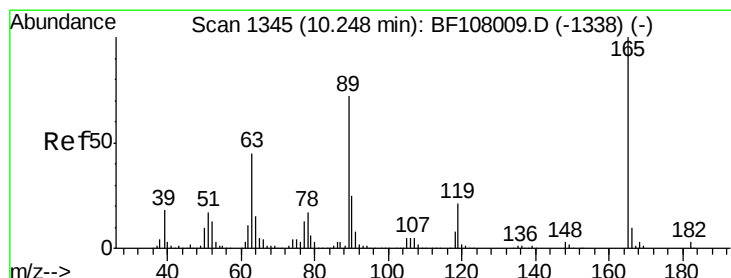
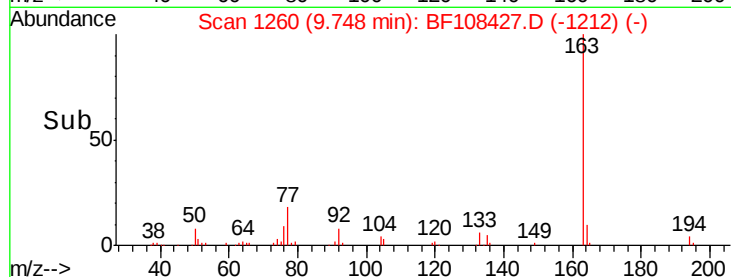
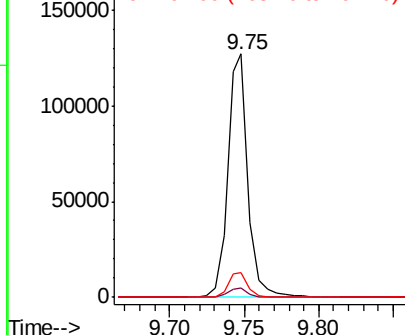
#49
Dimethylphthalate
Concen: 5.853 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108427.D
Acq: 23 Aug 2018 18:16

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-036

Tgt Ion:163 Resp: 119841
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 10.1 8.2 12.2

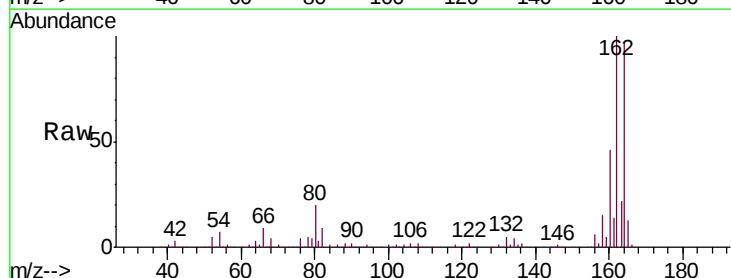


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

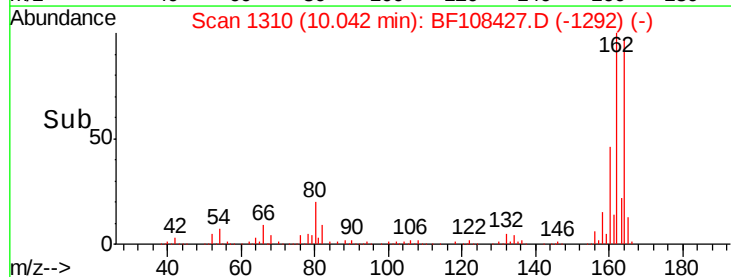
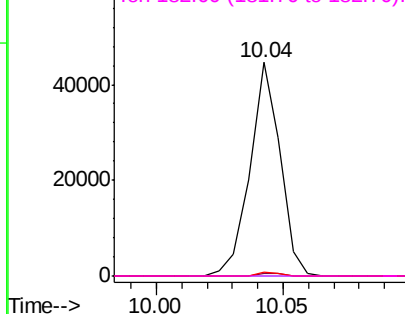


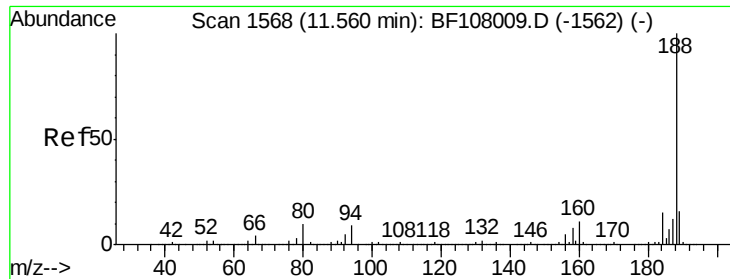
#56
2,4-Dinitrotoluene
Concen: 6.726 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.19 min
Lab File: BF108427.D
Acq: 23 Aug 2018 18:16

Tgt Ion:165 Resp: 37089
Ion Ratio Lower Upper
165 100
63 1.4 36.4 54.6#
89 1.6 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

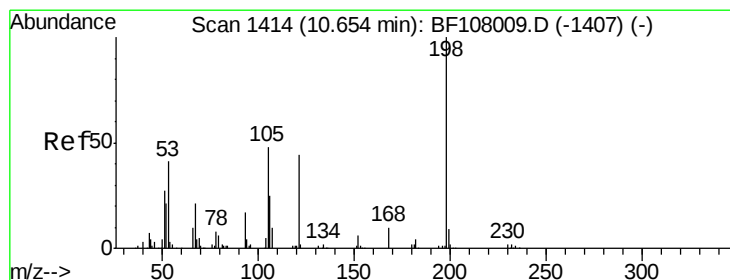
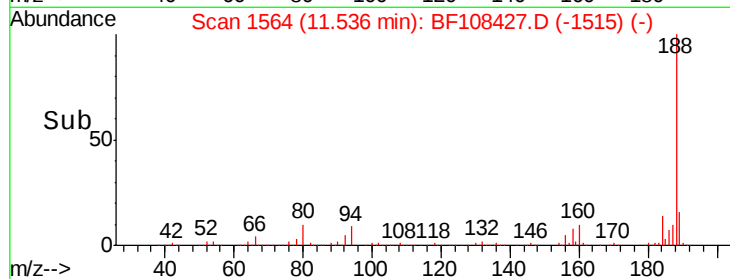
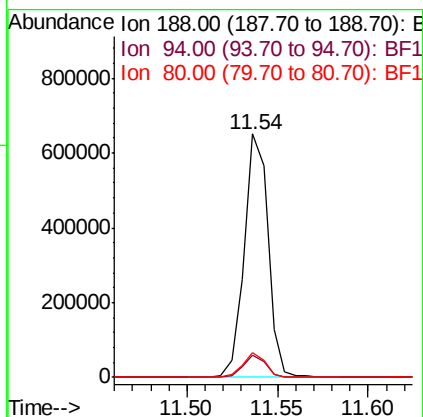
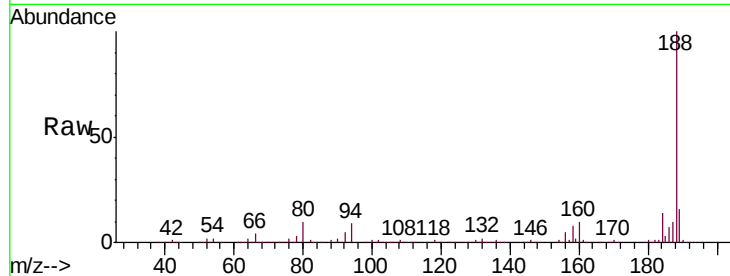




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF108427.D
 Acq: 23 Aug 2018 18:16

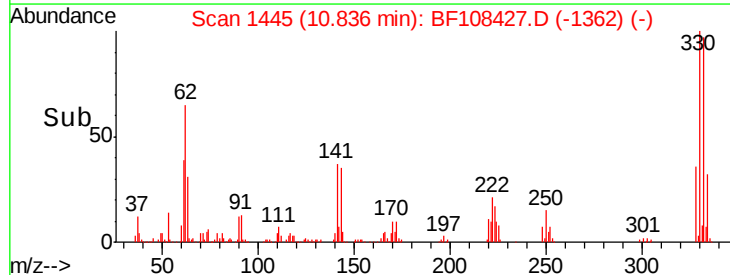
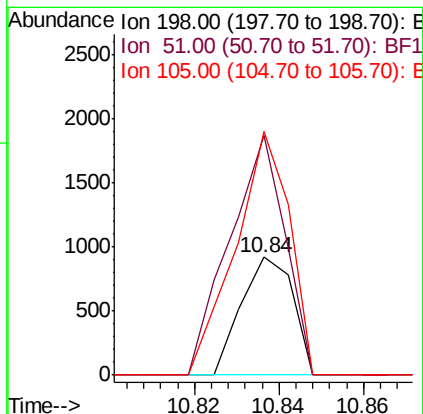
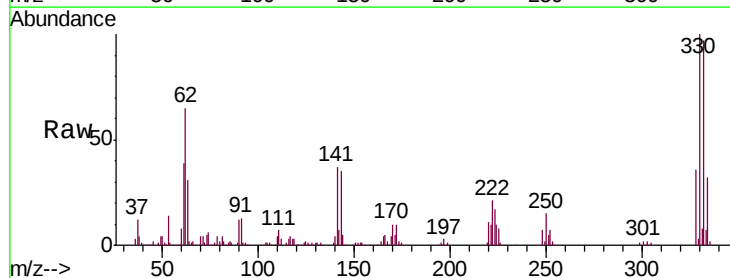
Instrument :
 BNA_F
 ClientSampleId :
 RA-081618-FL-036

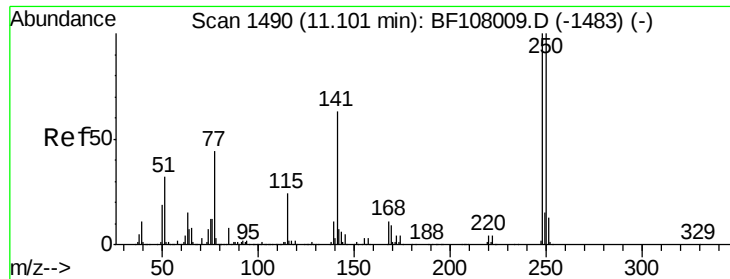
Tgt Ion:188 Resp: 595495
 Ion Ratio Lower Upper
 188 100
 94 9.2 8.5 12.7
 80 10.2 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.669 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. 0.19 min
 Lab File: BF108427.D
 Acq: 23 Aug 2018 18:16

Tgt Ion:198 Resp: 781
 Ion Ratio Lower Upper
 198 100
 51 203.1 37.7 77.7#
 105 206.4 36.3 76.3#

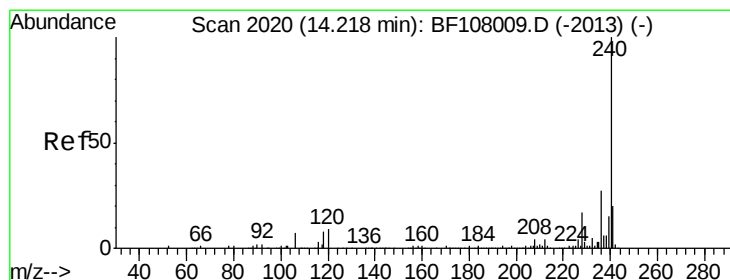
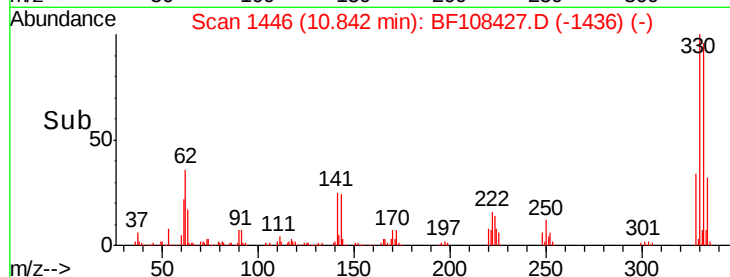
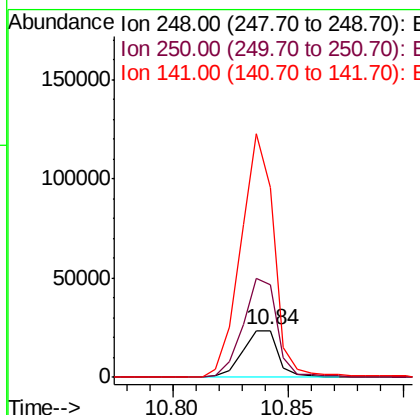
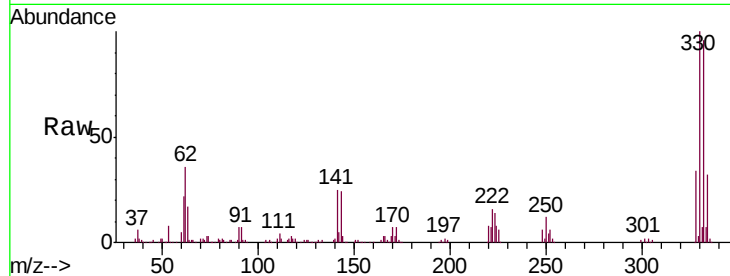




#66
 4-Bromophenyl-phenylether
 Concen: 3.896 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.24 min
 Lab File: BF108427.D
 Acq: 23 Aug 2018 18:16

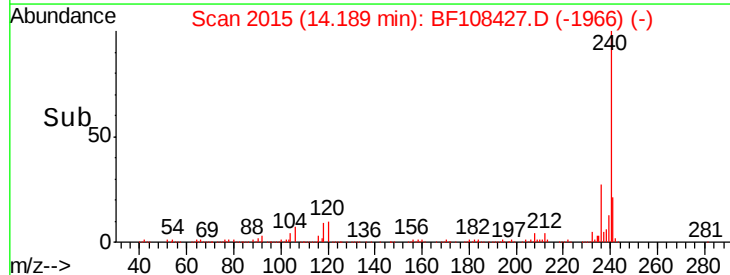
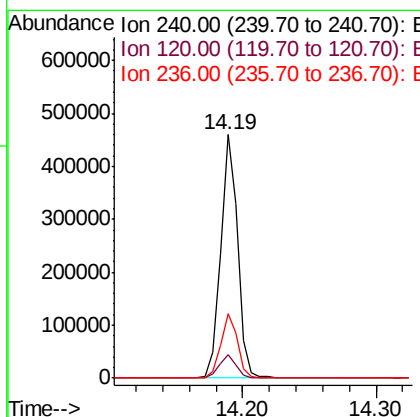
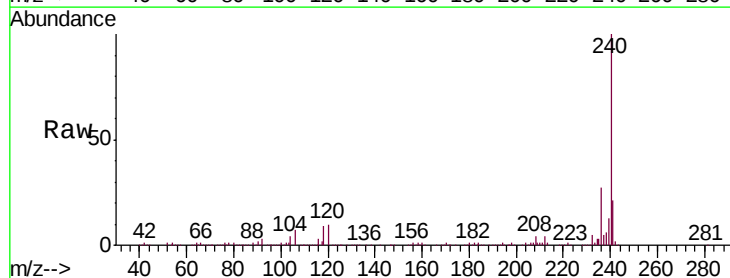
Instrument :
 BNA_F
 ClientSampleId :
 RA-081618-FL-036

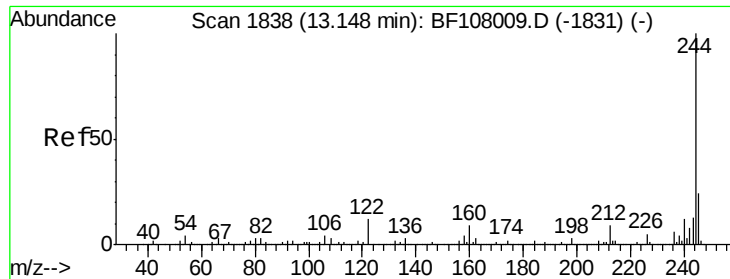
Tgt Ion:248 Resp: 25214
 Ion Ratio Lower Upper
 248 100
 250 198.4 76.9 115.3#
 141 406.4 74.4 111.6#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.19 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF108427.D
 Acq: 23 Aug 2018 18:16

Tgt Ion:240 Resp: 411820
 Ion Ratio Lower Upper
 240 100
 120 9.9 9.5 14.3
 236 26.7 20.7 31.1





#78

Terphenyl-d14

Concen: 101.350 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108427.D

Acq: 23 Aug 2018 18:16

Instrument :

BNA_F

ClientSampleId :

RA-081618-FL-036

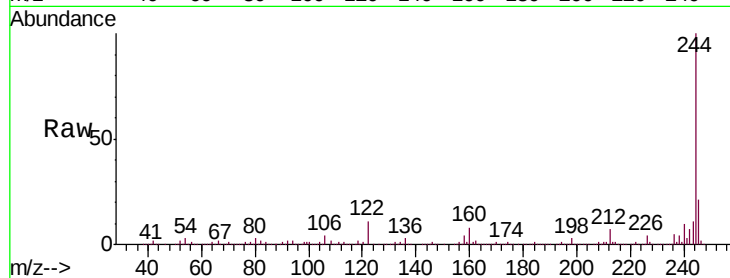
Tgt Ion:244 Resp: 1641569

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

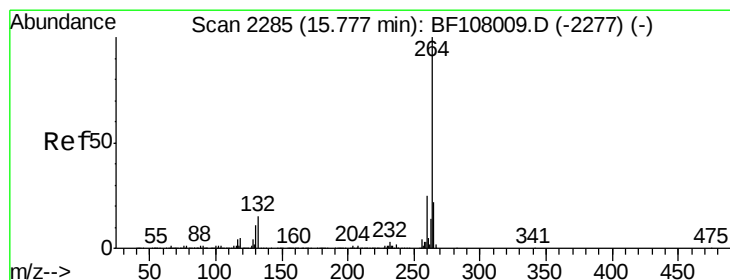
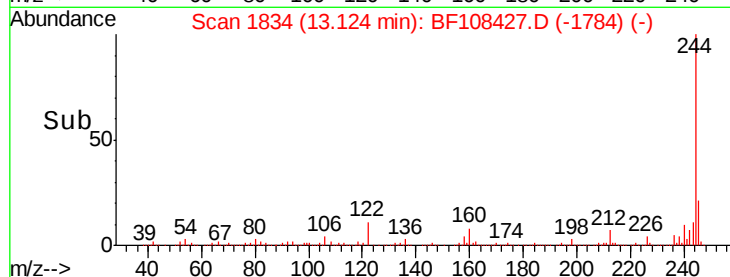
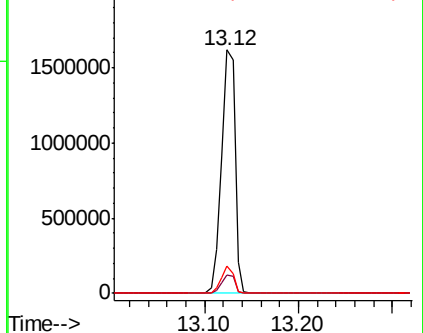
122 11.4 11.0 16.4



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: 15.74 min Scan# 2279

Delta R.T. -0.02 min

Lab File: BF108427.D

Acq: 23 Aug 2018 18:16

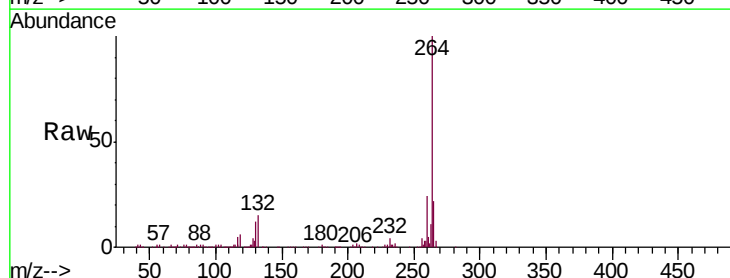
Tgt Ion:264 Resp: 299329

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.6 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

