

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082418\
 Data File : BF108471.D
 Acq On : 24 Aug 2018 18:53
 Operator : JU/SJ
 Sample : J4581-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q3-B3

Quant Time: Aug 25 00:29:24 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

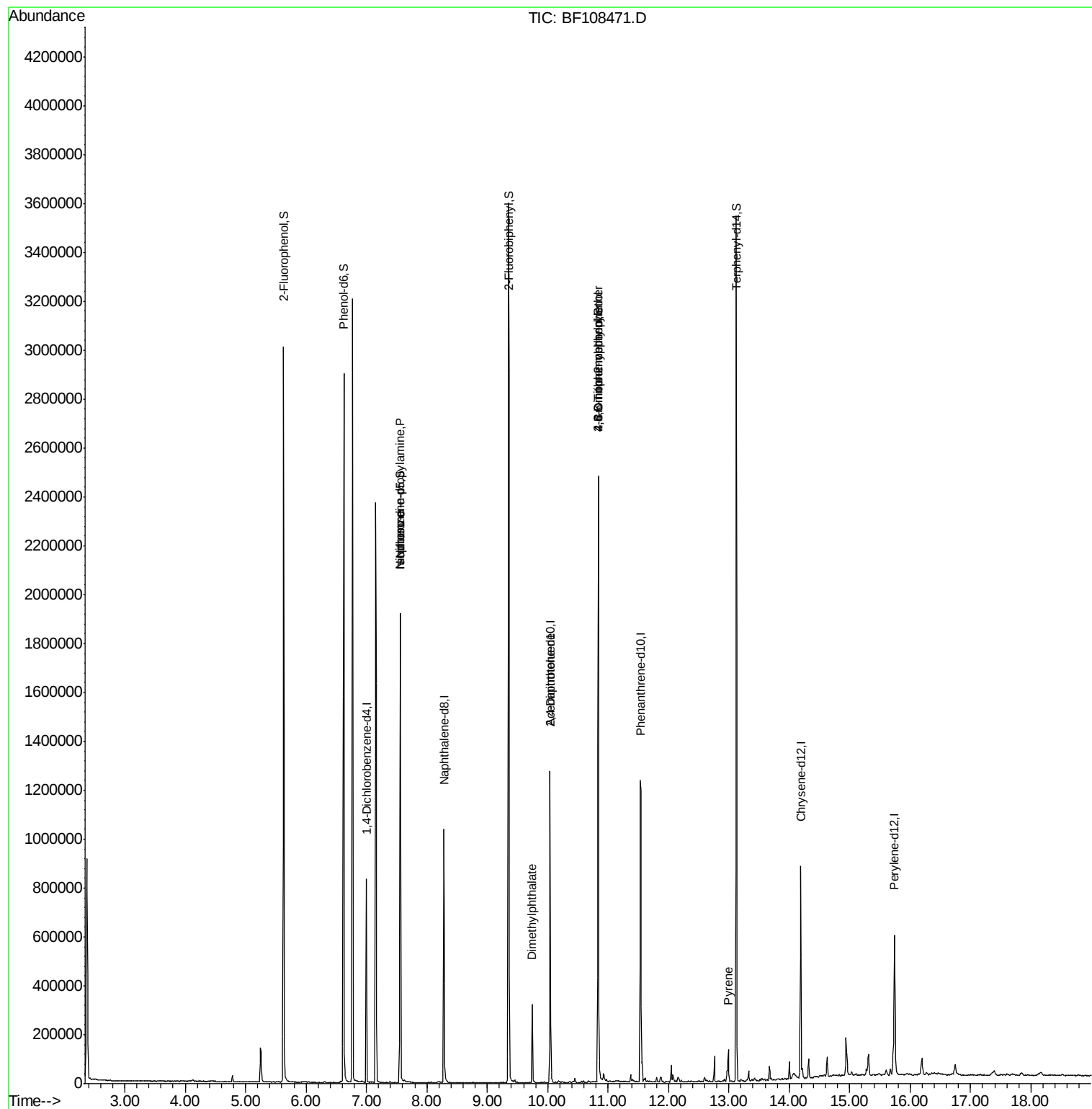
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	126037	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	485848	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	252275	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	483097	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	282450	20.00	ng	-0.01
86) Perylene-d12	15.74	264	276331	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	741707	106.54	ng	0.00
7) Phenol-d6	6.62	99	1002781	108.40	ng	0.00
23) Nitrobenzene-d5	7.56	82	670156	76.97	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	307671	122.27	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1173138	74.66	ng	-0.01
78) Terphenyl-d14	13.12	244	1165772	104.94	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.56	70	90562	14.476	ng	# 82
25) Isophorone	7.56	82	670144	40.381	ng	# 64
49) Dimethylphthalate	9.75	163	145085	8.256	ng	99
56) 2,4-Dinitrotoluene	10.04	165	31637	6.685	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.84	198	588	5.647	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	19418	3.699	ng	# 1
77) Pyrene	12.99	202	48944	2.737	ng	97

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

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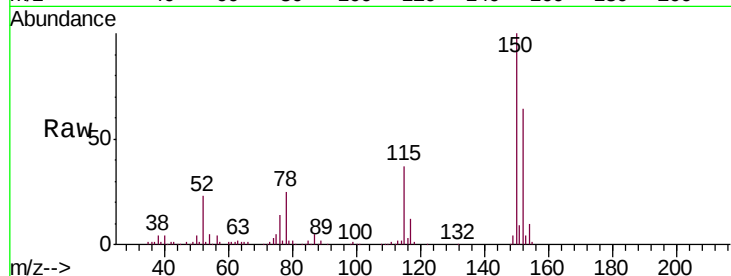


#1

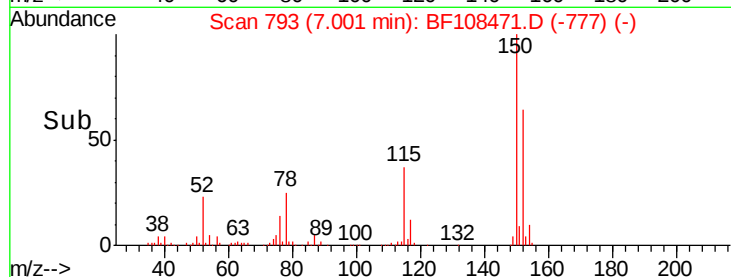
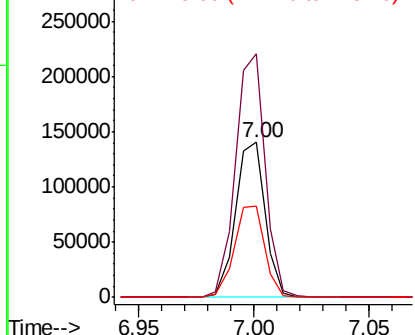
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108471.D
Acq: 24 Aug 2018 18:53

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-B3

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.6	186.8
115	58.6	50.1	75.1



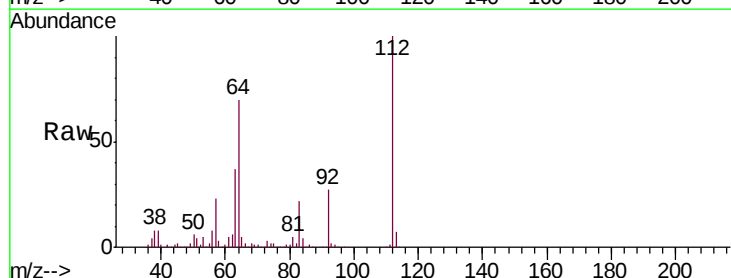
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



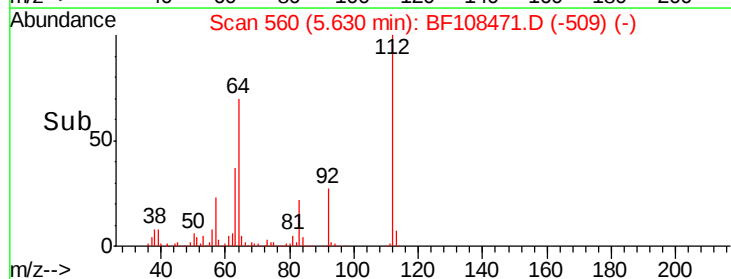
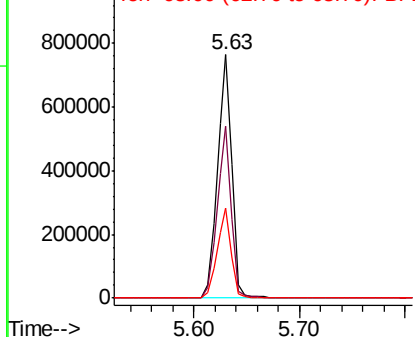
#5

2-Fluorophenol
Concen: 106.542 ng
RT: 5.63 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF108471.D
Acq: 24 Aug 2018 18:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.4	47.9	71.9
63	37.1	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: 108.396 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108471.D

Acq: 24 Aug 2018 18:53

Instrument :

BNA_F

ClientSampleId :

EP1-Q3-B3

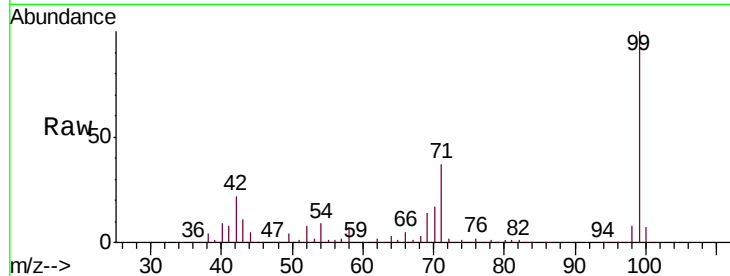
Tgt Ion: 99 Resp: 1002781

Ion Ratio Lower Upper

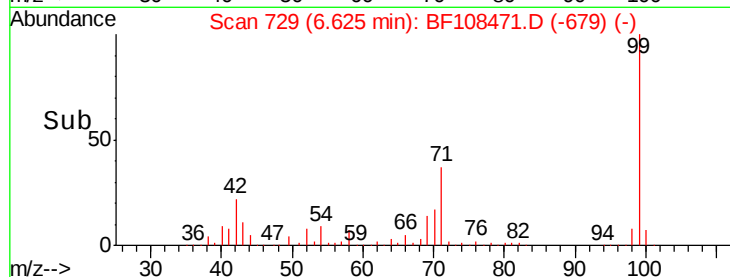
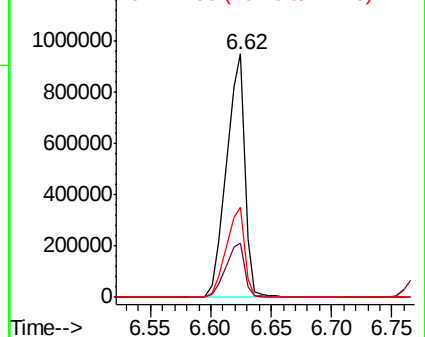
99 100

42 22.1 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: 14.476 ng

RT: 7.56 min Scan# 888

Delta R.T. 0.15 min

Lab File: BF108471.D

Acq: 24 Aug 2018 18:53

Tgt Ion: 70 Resp: 90562

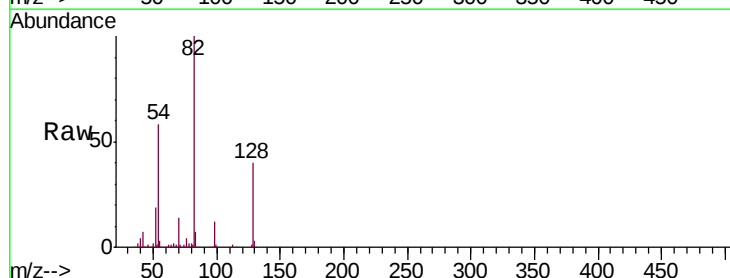
Ion Ratio Lower Upper

70 100

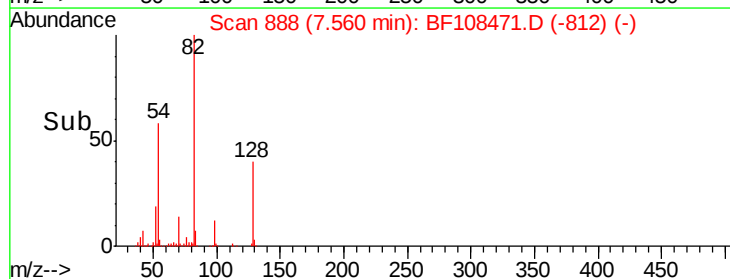
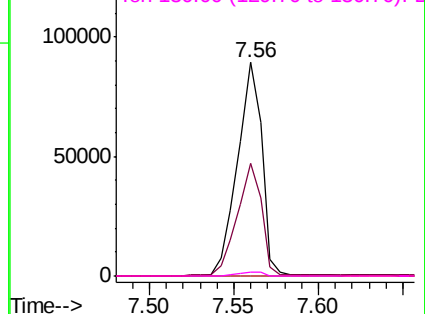
42 52.7 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 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

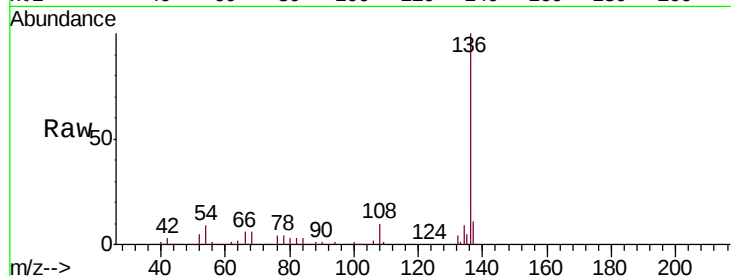




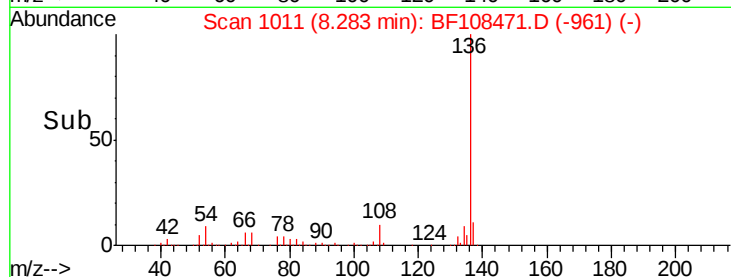
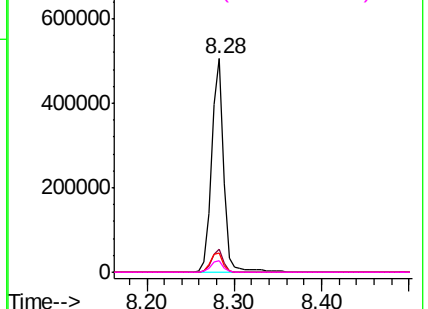
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108471.D
Acq: 24 Aug 2018 18:53

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-B3

Tgt Ion:	136	Resp:	485848
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.9	6.6	9.8
68	5.5	5.0	7.4

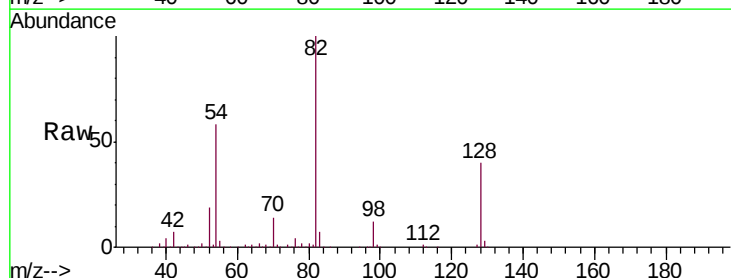


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

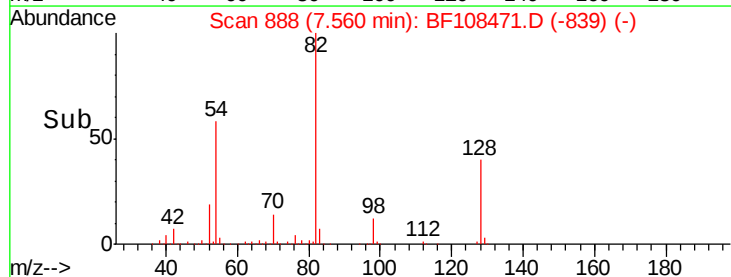
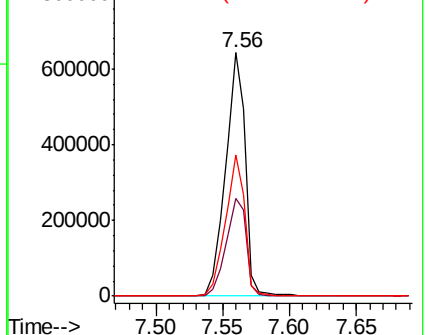


#23
Nitrobenzene-d5
Concen: 76.970 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF108471.D
Acq: 24 Aug 2018 18:53

Tgt Ion:	82	Resp:	670156
Ion	Ratio	Lower	Upper
82	100		
128	40.3	36.1	54.1
54	58.2	41.4	62.2



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





#25

Isophorone

Concen: 40.381 ng

RT: 7.56 min Scan# 888

Delta R.T. -0.27 min

Lab File: BF108471.D

Acq: 24 Aug 2018 18:53

Instrument :

BNA_F

ClientSampleId :

EP1-Q3-B3

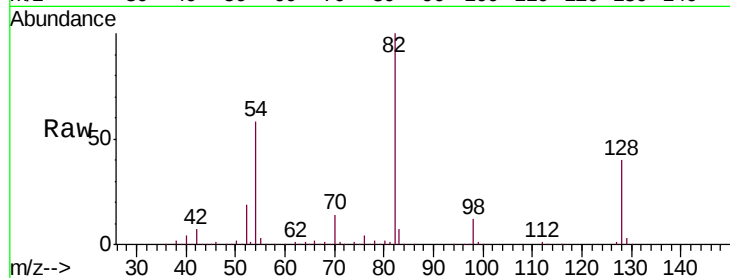
Tgt Ion: 82 Resp: 670144

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

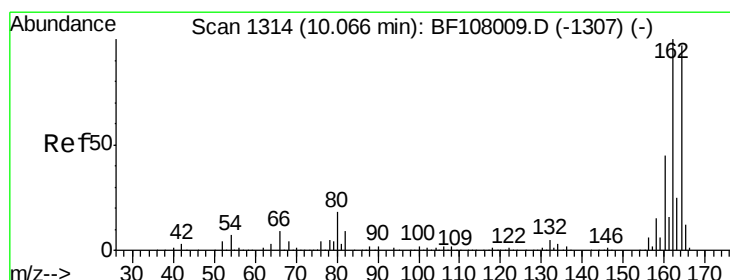
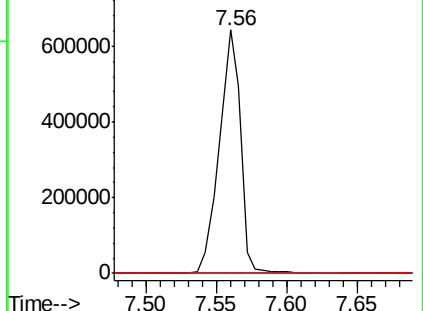
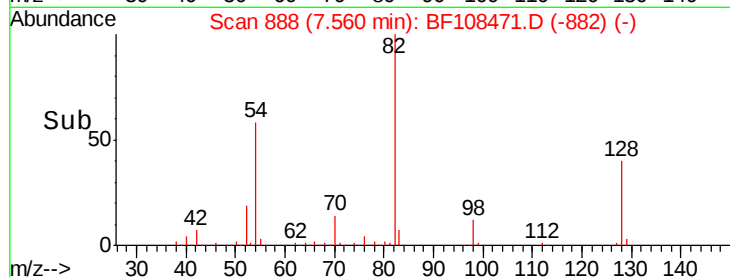
138 0.0 14.9 22.3#



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: BF108471.D

Acq: 24 Aug 2018 18:53

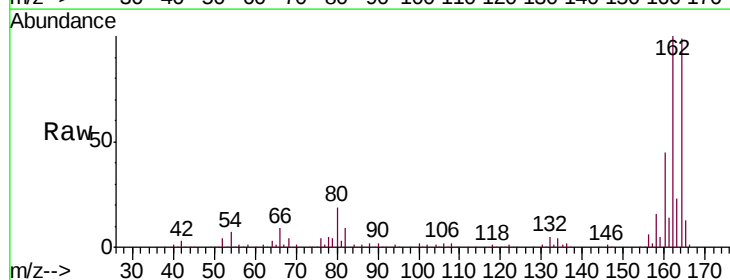
Tgt Ion: 164 Resp: 252275

Ion Ratio Lower Upper

164 100

162 101.1 86.1 129.1

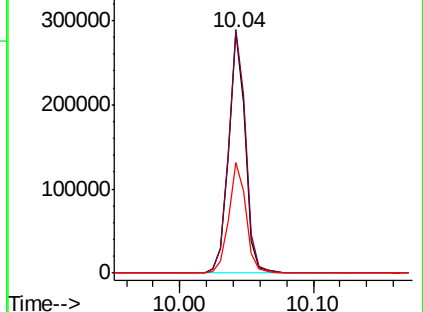
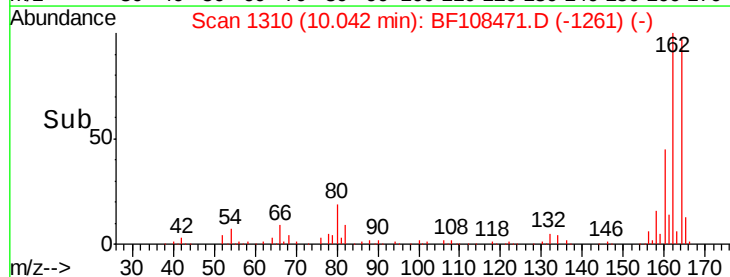
160 45.8 38.3 57.5



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

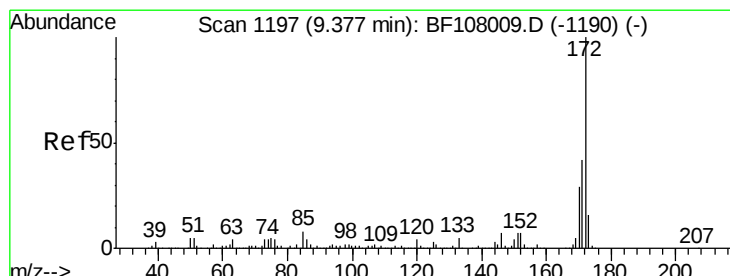
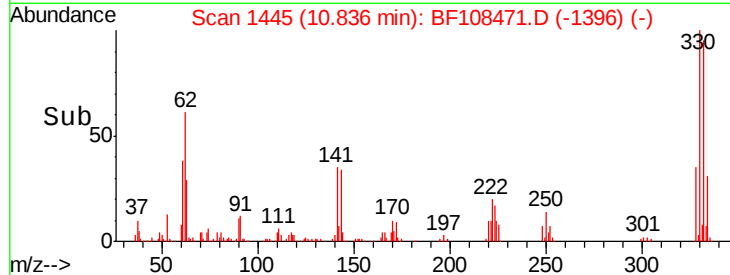
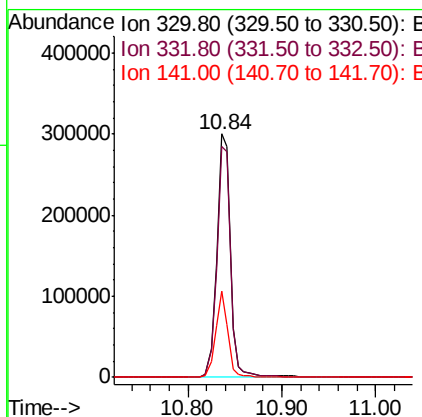
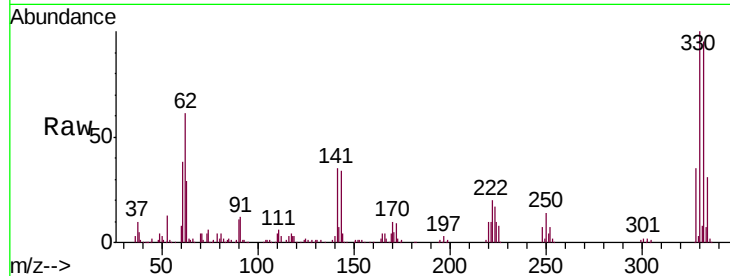




#41
 2,4,6-Tribromophenol
 Concen: 122.267 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108471.D
 Acq: 24 Aug 2018 18:53

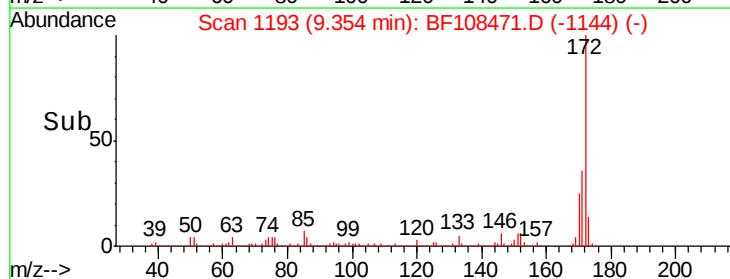
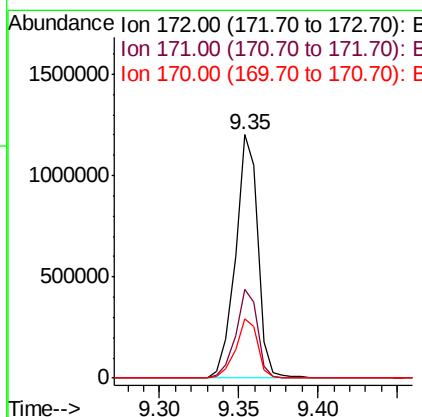
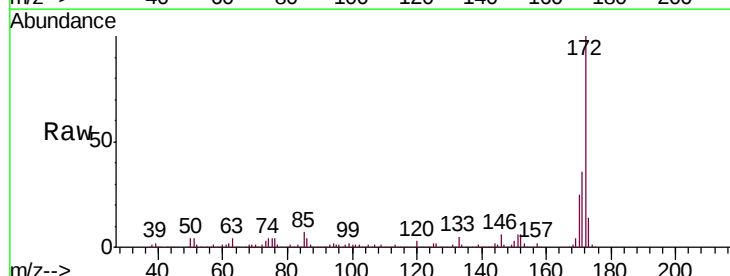
Instrument :
 BNA_F
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 EP1-Q3-B3

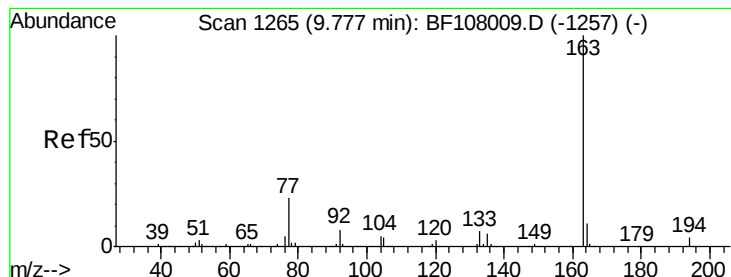
Tgt Ion:	330	Resp:	307671
Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	32.3	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 74.658 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108471.D
 Acq: 24 Aug 2018 18:53

Tgt Ion:	172	Resp:	1173138
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.6	19.6	29.4





#49

Dimethylphthalate

Concen: 8.256 ng

RT: 9.75 min Scan# 1260

Delta R.T. -0.02 min

Lab File: BF108471.D

Acq: 24 Aug 2018 18:53

Instrument :

BNA_F

ClientSampleId :

EP1-Q3-B3

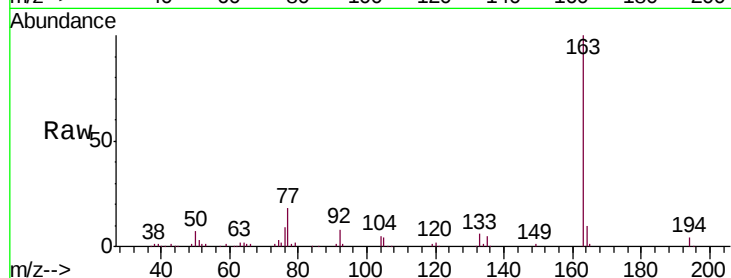
Tgt Ion:163 Resp: 145085

Ion Ratio Lower Upper

163 100

194 4.1 2.7 4.1

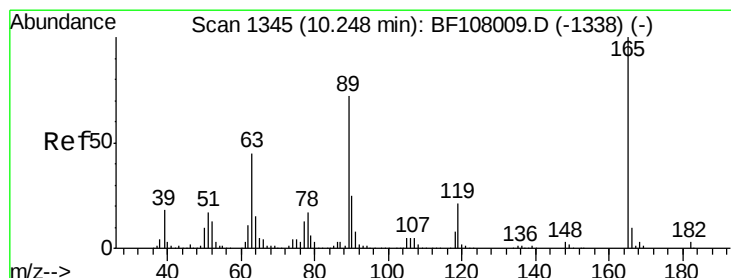
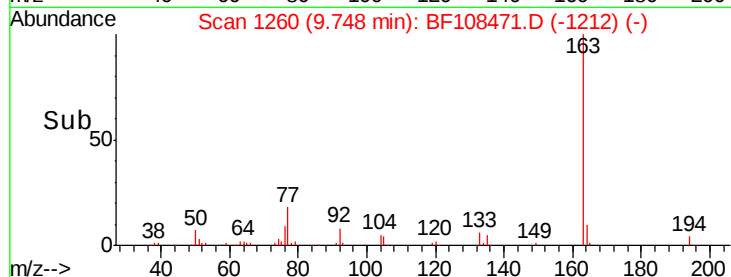
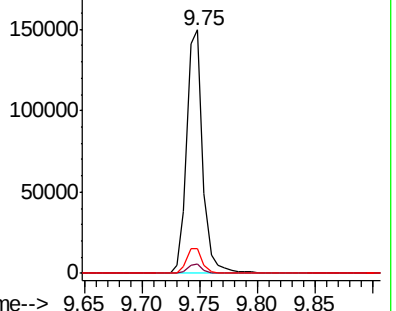
164 10.3 8.2 12.2



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: 6.685 ng

RT: 10.04 min Scan# 1310

Delta R.T. -0.19 min

Lab File: BF108471.D

Acq: 24 Aug 2018 18:53

Tgt Ion:165 Resp: 31637

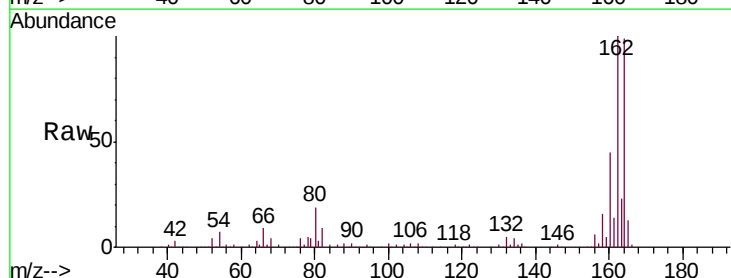
Ion Ratio Lower Upper

165 100

63 1.1 36.4 54.6#

89 1.7 57.8 86.6#

182 0.0 1.6 2.4#

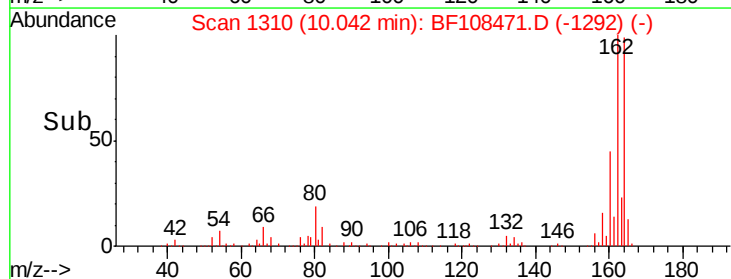
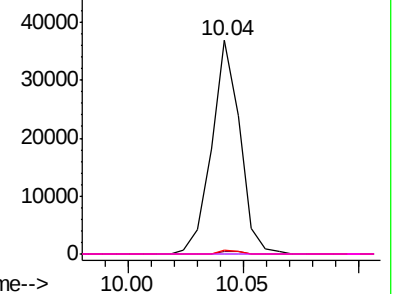


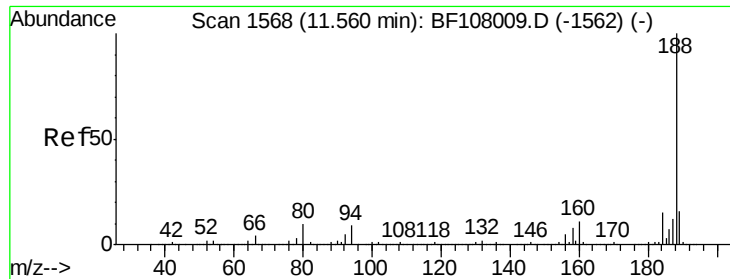
Abundance Ion 165.00 (164.70 to 165.70): E

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# 1564

Delta R.T. -0.01 min

Lab File: BF108471.D

Acq: 24 Aug 2018 18:53

Instrument :

BNA_F

ClientSampleId :

EP1-Q3-B3

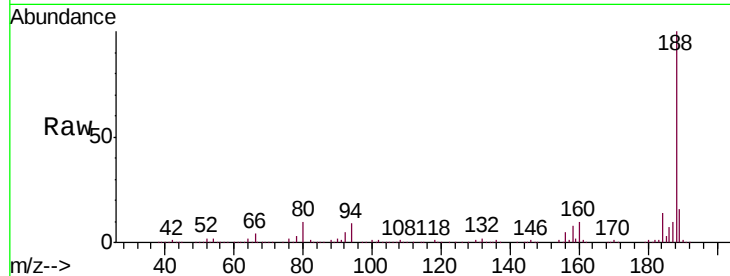
Tgt Ion:188 Resp: 483097

Ion Ratio Lower Upper

188 100

94 9.2 8.5 12.7

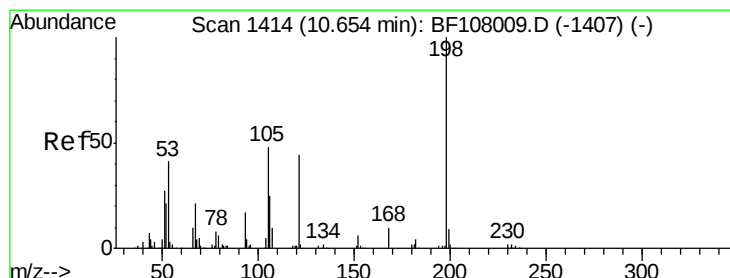
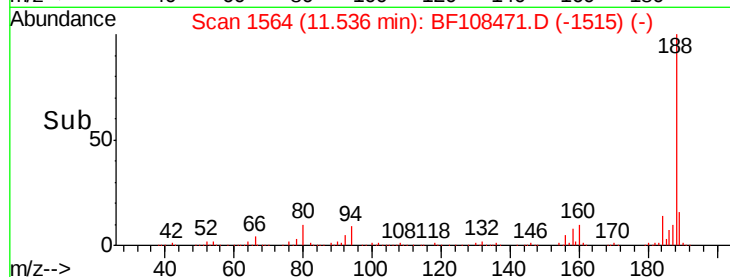
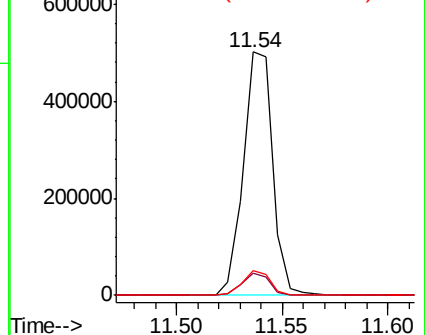
80 10.3 9.2 13.8



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: 5.647 ng

RT: 10.84 min Scan# 1445

Delta R.T. 0.19 min

Lab File: BF108471.D

Acq: 24 Aug 2018 18:53

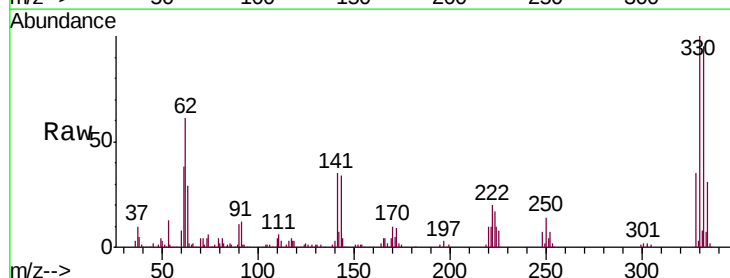
Tgt Ion:198 Resp: 588

Ion Ratio Lower Upper

198 100

51 214.9 37.7 77.7#

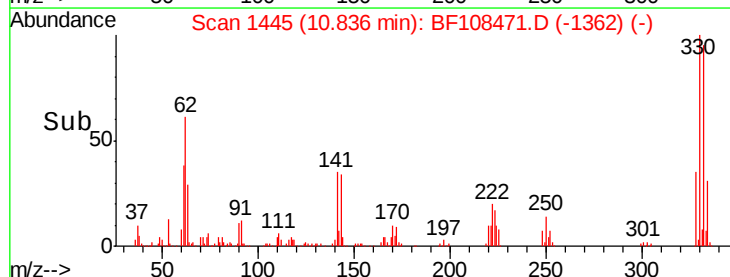
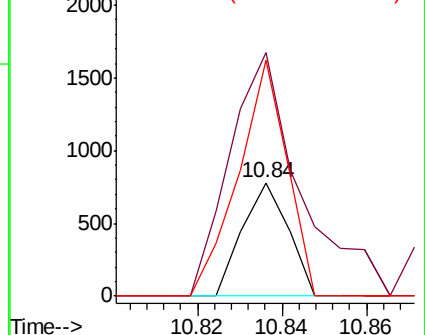
105 208.7 36.3 76.3#

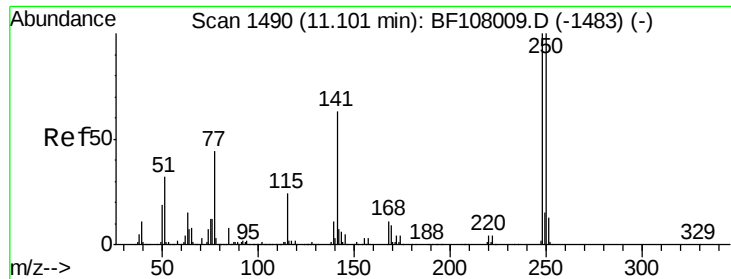


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

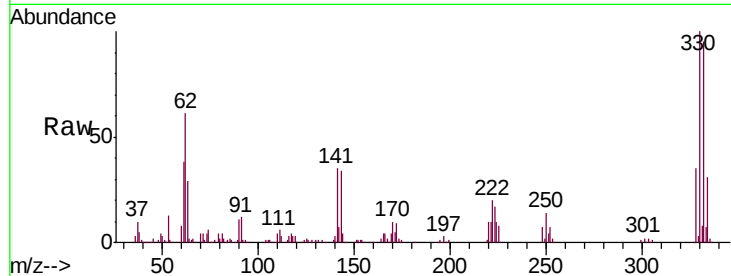




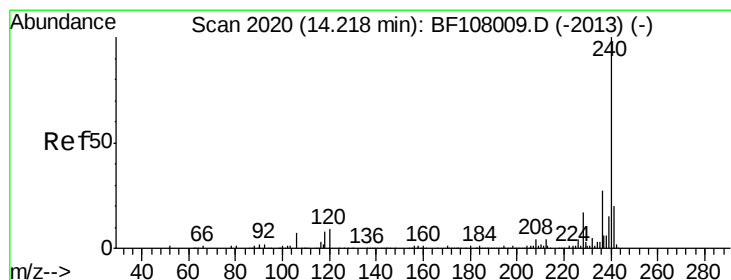
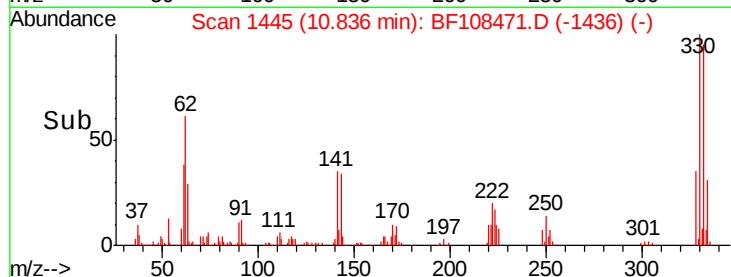
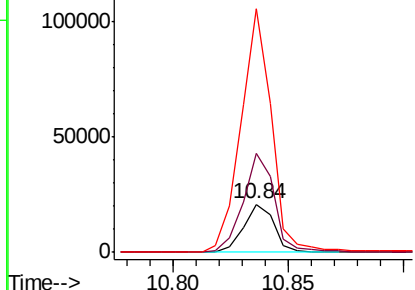
#66
 4-Bromophenyl-phenylether
 Concen: 3.699 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.25 min
 Lab File: BF108471.D
 Acq: 24 Aug 2018 18:53

Instrument :
 BNA_F
 ClientSampled :
 EP1-Q3-B3

Tgt Ion:248 Resp: 19418
 Ion Ratio Lower Upper
 248 100
 250 204.2 76.9 115.3#
 141 504.9 74.4 111.6#

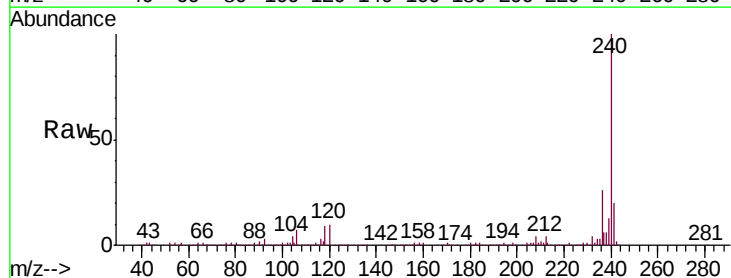


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

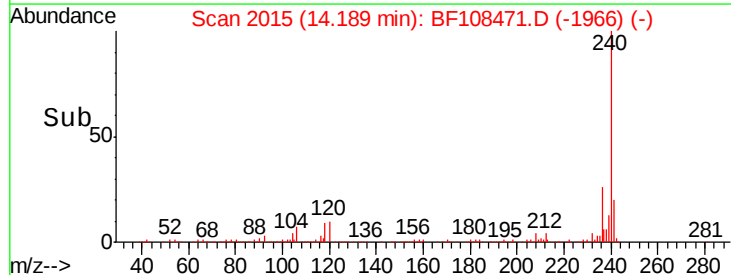
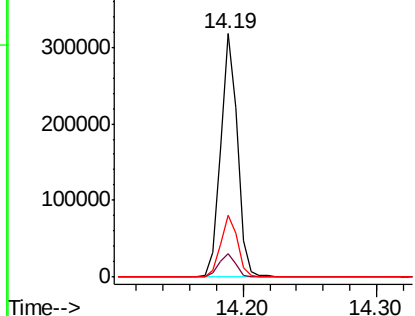


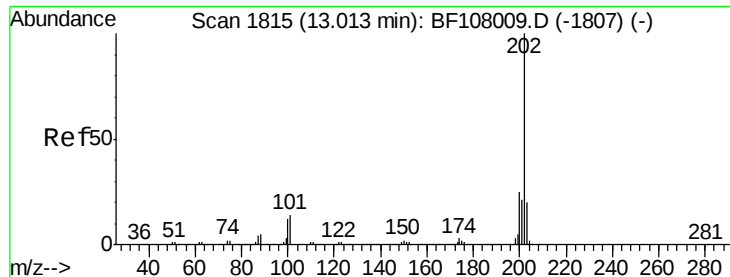
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.19 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF108471.D
 Acq: 24 Aug 2018 18:53

Tgt Ion:240 Resp: 282450
 Ion Ratio Lower Upper
 240 100
 120 9.6 9.5 14.3
 236 25.5 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

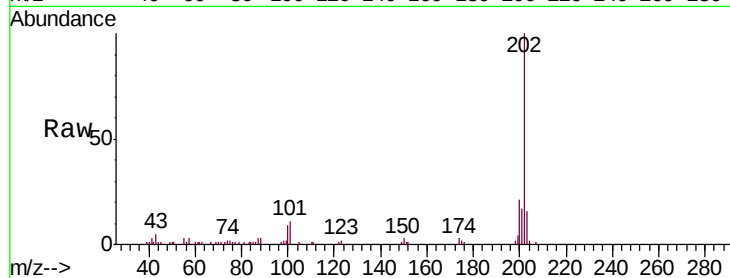




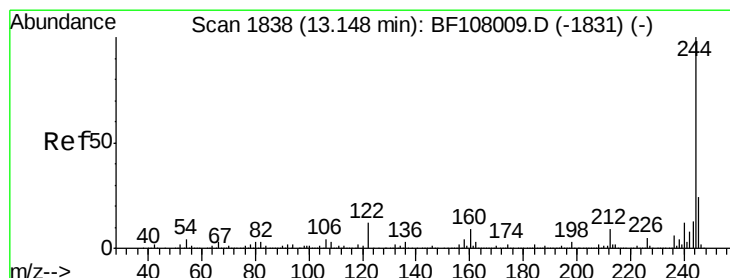
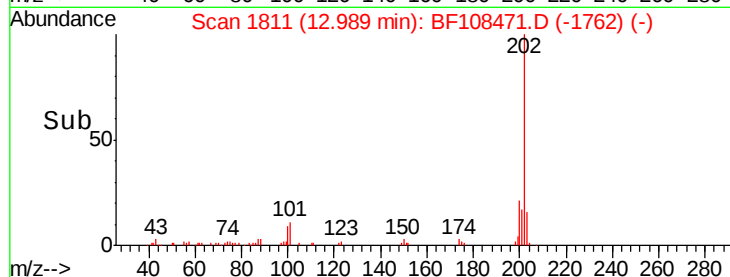
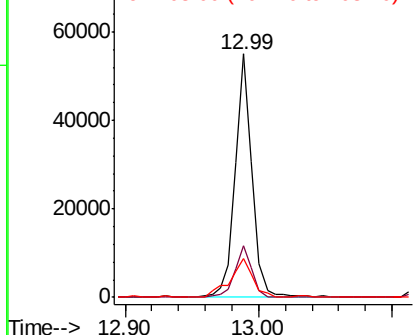
#77
 Pyrene
 Concen: 2.737 ng
 RT: 12.99 min Scan# 1811
 Delta R.T. -0.01 min
 Lab File: BF108471.D
 Acq: 24 Aug 2018 18:53

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q3-B3

Tgt Ion: 202 Resp: 48944
 Ion Ratio Lower Upper
 202 100
 200 21.1 17.4 26.2
 203 16.2 14.3 21.5

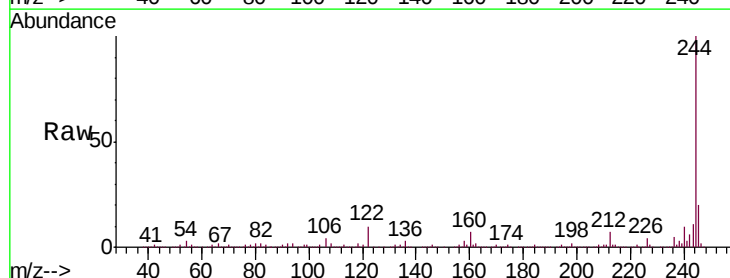


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

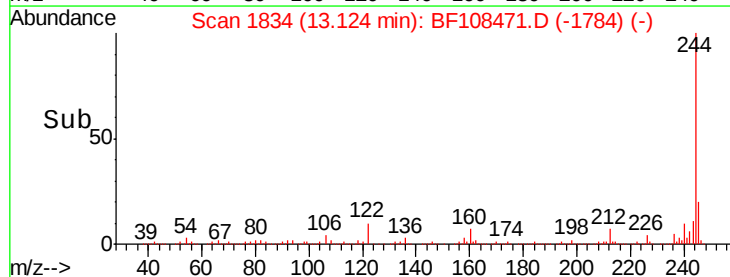
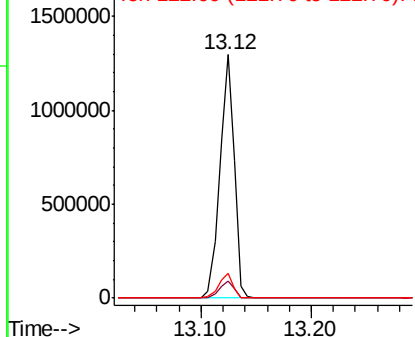


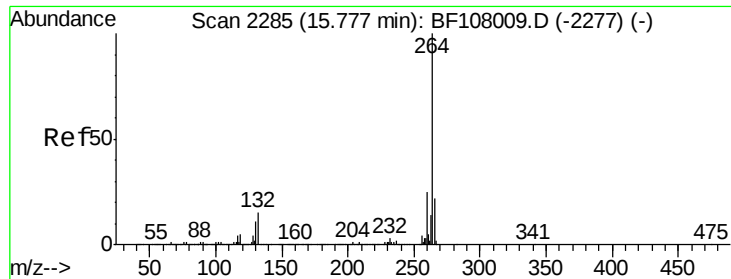
#78
 Terphenyl-d14
 Concen: 104.941 ng
 RT: 13.12 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BF108471.D
 Acq: 24 Aug 2018 18:53

Tgt Ion: 244 Resp: 1165772
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 10.3 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: BF108471.D
Acq: 24 Aug 2018 18:53

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-B3

Tgt Ion:	264	Resp:	276331
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.5	17.5	26.3

