

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 00:44:13 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

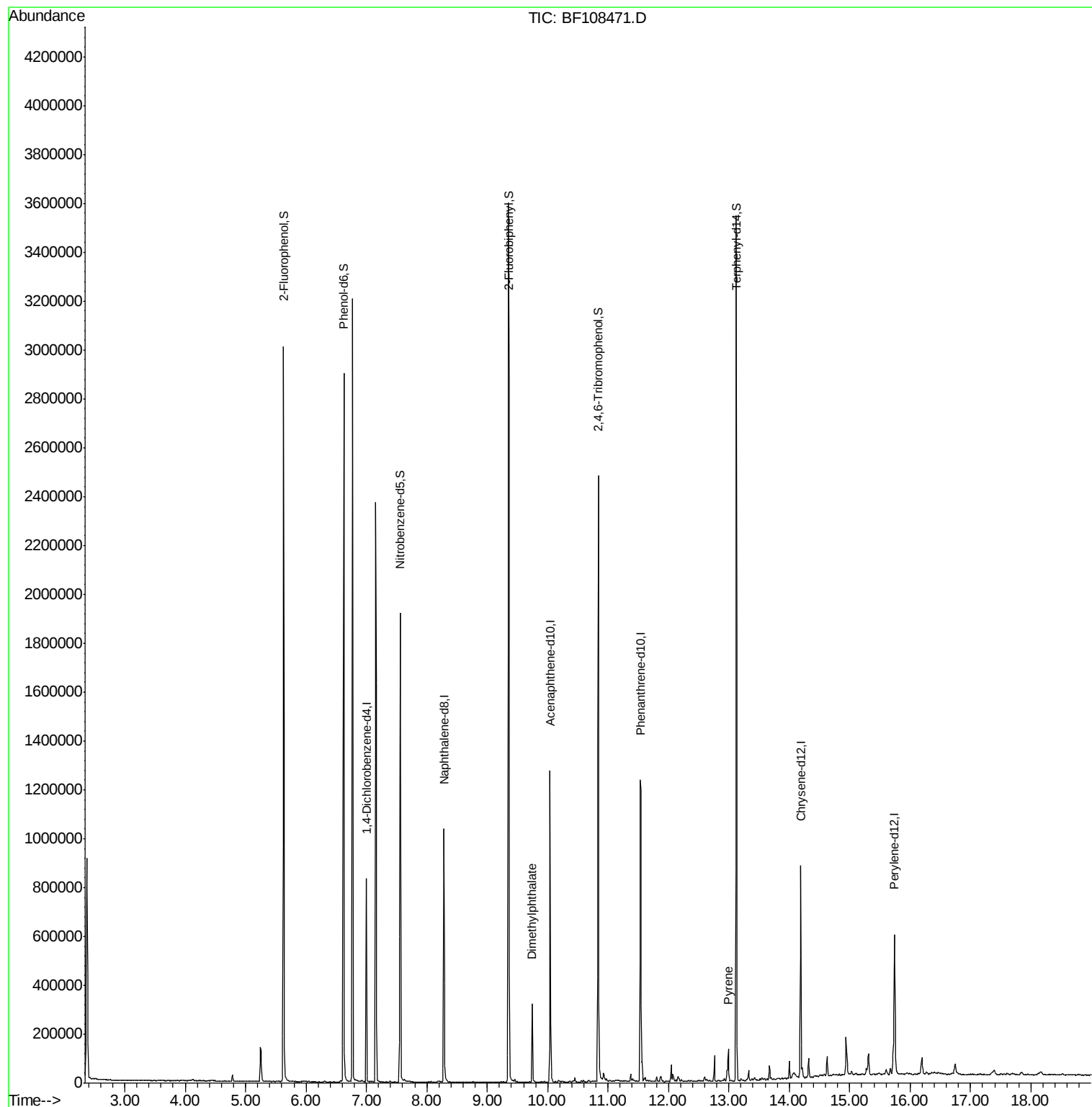
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	126037	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	485848	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	252275	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	483097	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	282450	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						
49) Dimethylphthalate	9.75	163	145085	8.256	ng	99
77) Pyrene	12.99	202	48944	2.737	ng	97

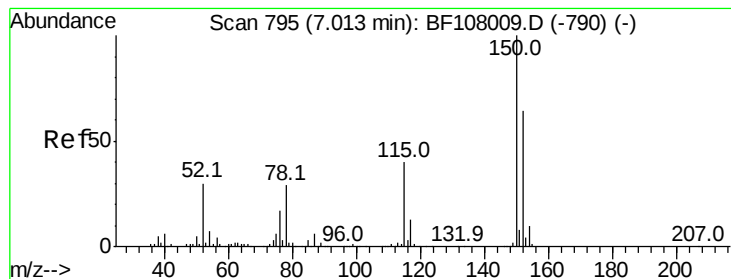
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

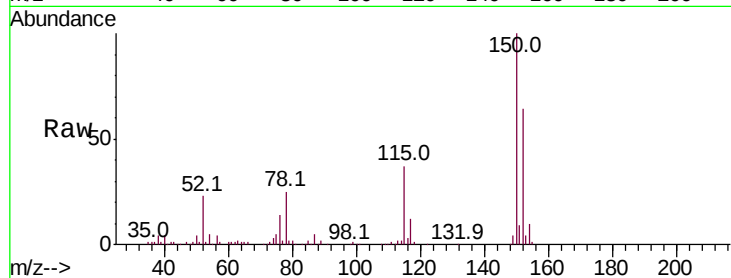
Tot Ion:152 Resp: 126037

Ion Ratio Lower Upper

152 100

150 157.1 124.6 186.8

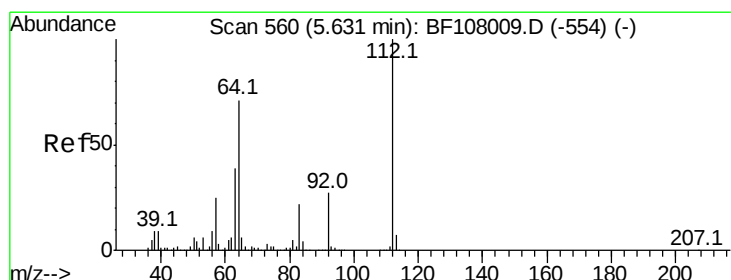
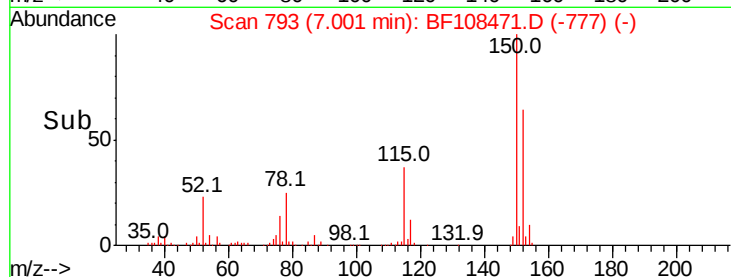
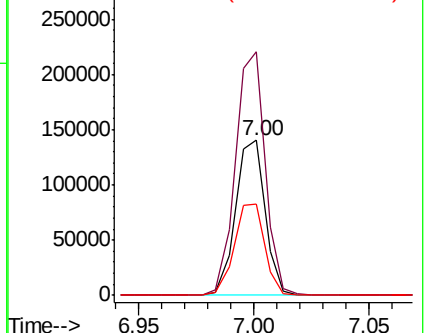
115 58.6 50.1 75.1



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

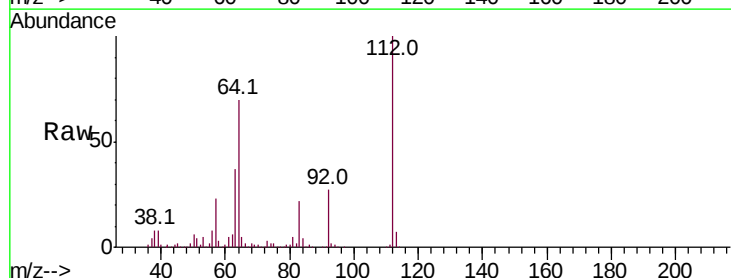
Tgt Ion:112 Resp: 741707

Ion Ratio Lower Upper

112 100

64 70.4 47.9 71.9

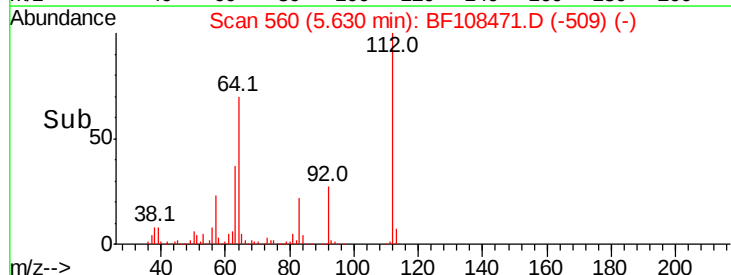
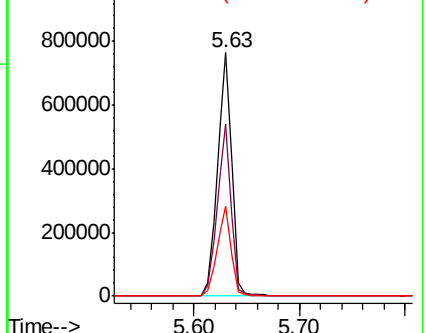
63 37.1 23.7 35.5#



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 :

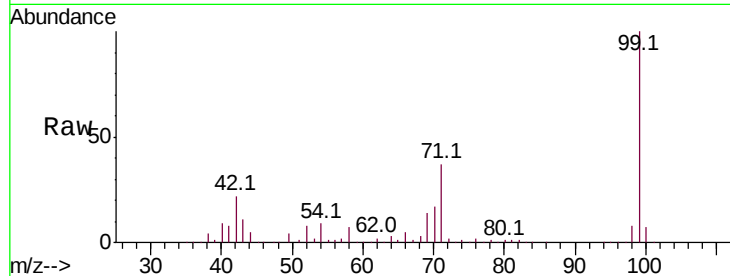
BNA_F

ClientSampleId :

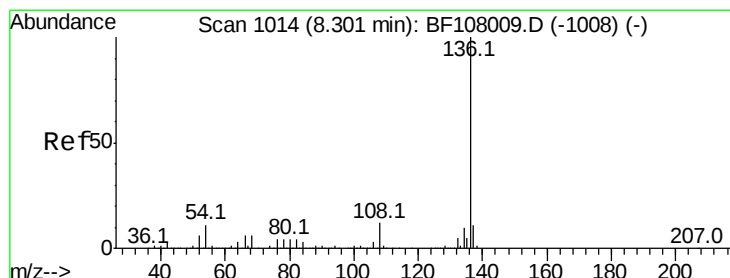
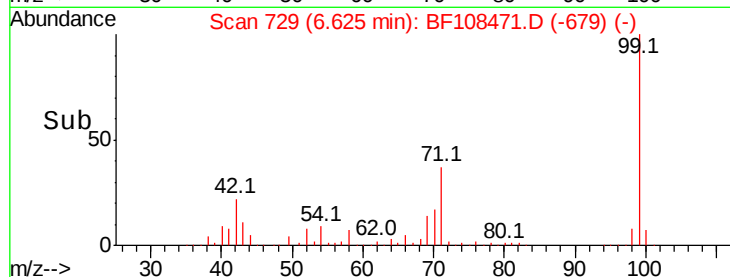
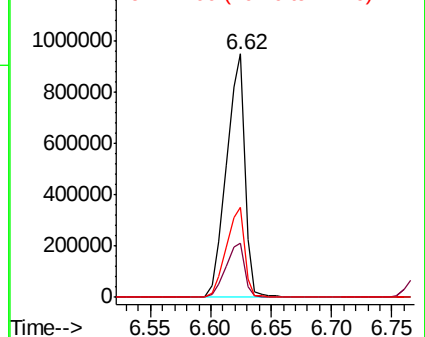
EP1-Q3-B3

Tot 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.28 min Scan# 1011

Delta R.T. -0.01 min

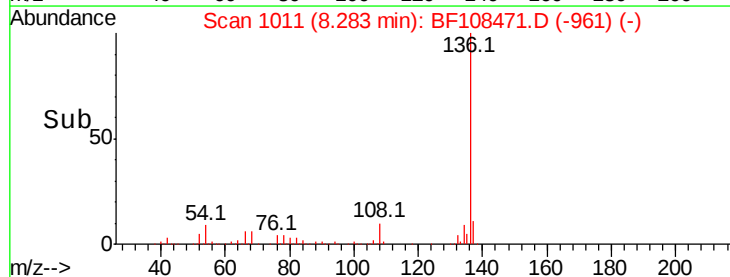
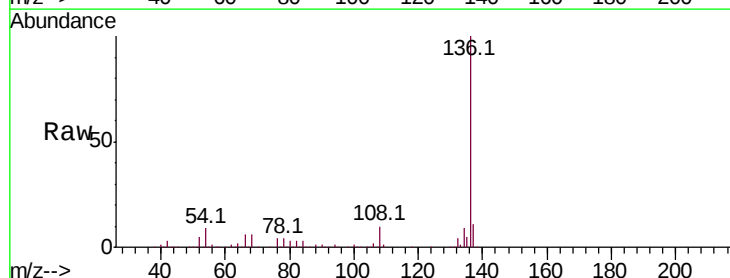
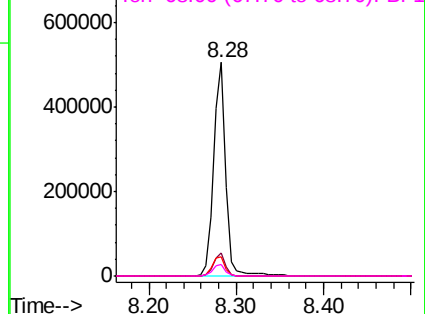
Lab File: BF108471.D

Acq: 24 Aug 2018 18:53

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

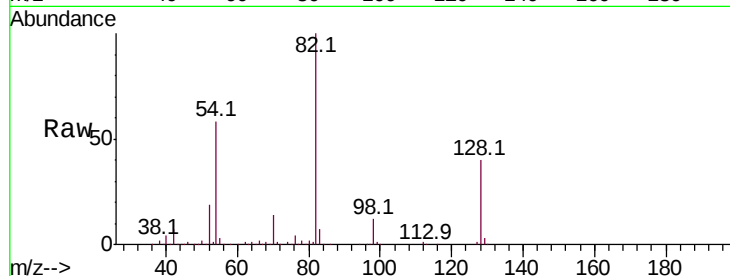




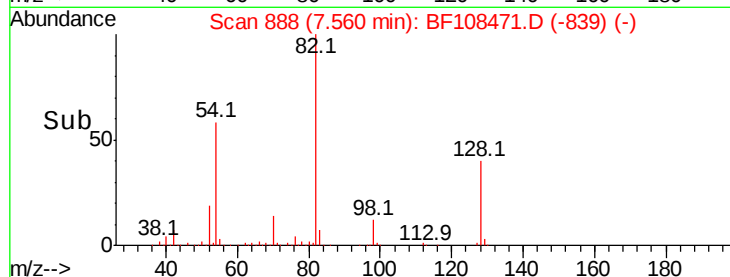
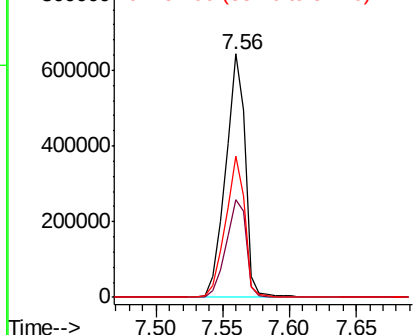
#23
Nitrobenzene-d5
Concen: 76.970 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF108471.D
Acq: 24 Aug 2018 18:53

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-B3

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

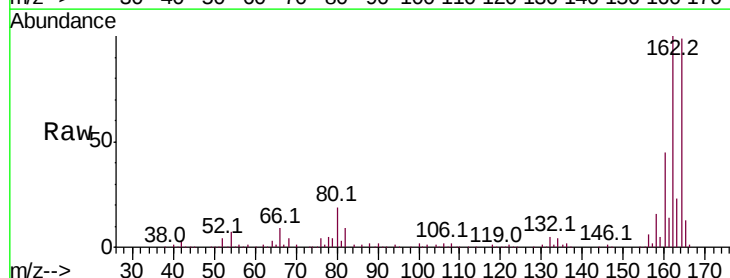


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

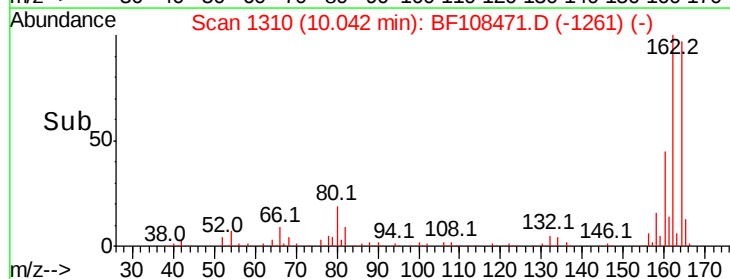
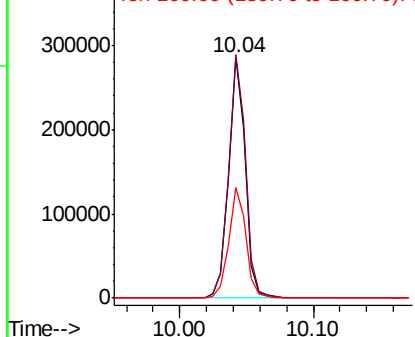


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108471.D
Acq: 24 Aug 2018 18:53

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

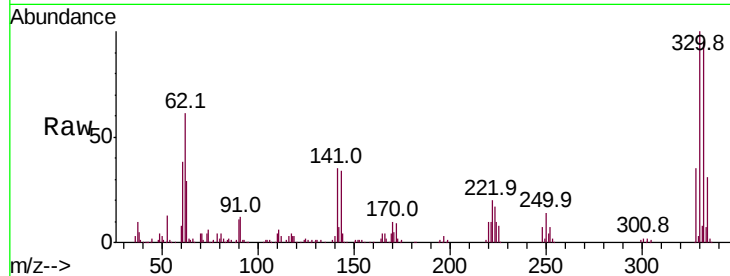




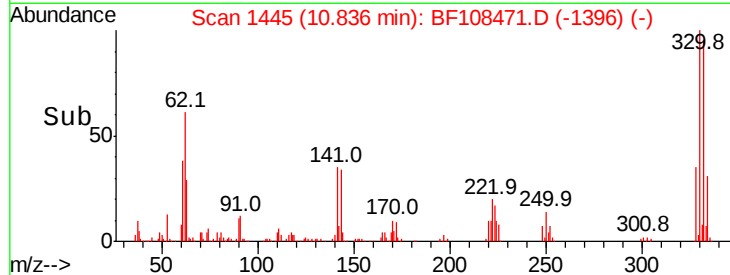
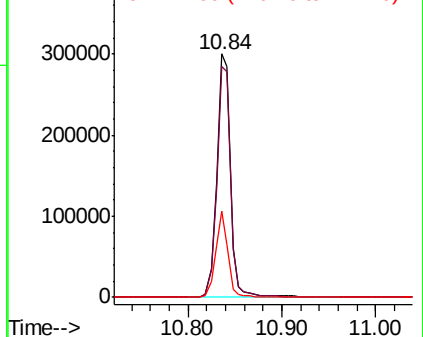
#41
 2,4,6-Tribromophenol
 Concen: 122.267 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108471.D
 Acq: 24 Aug 2018 18:53

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q3-B3

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

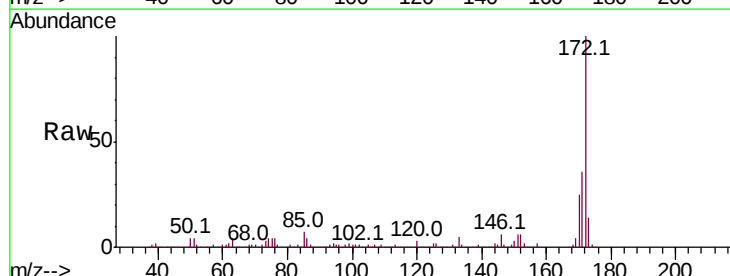


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

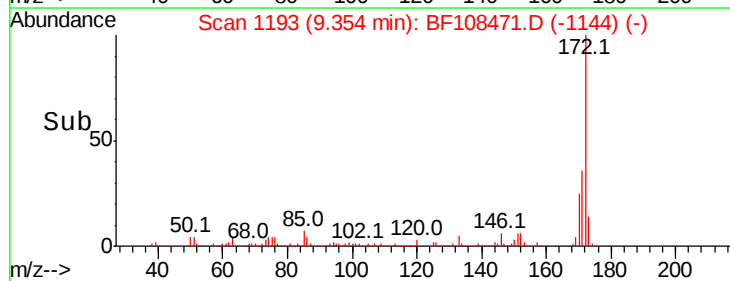
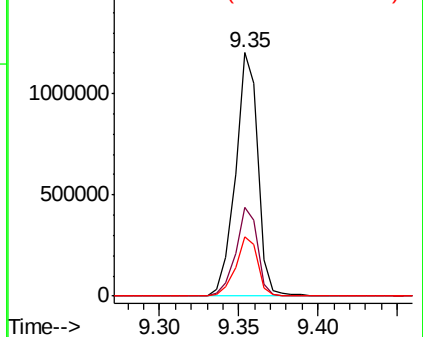


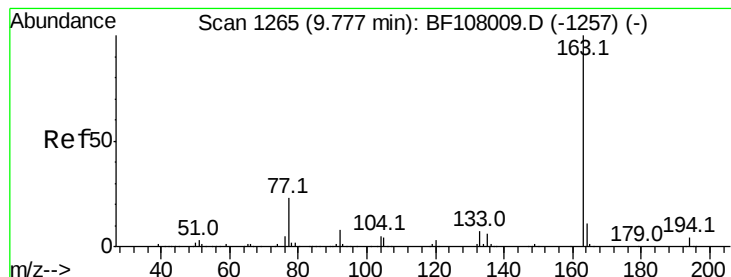
#44
 2-Fluorobiphenyl
 Concen: 74.658 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108471.D
 Acq: 24 Aug 2018 18:53

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



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: 8.256 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

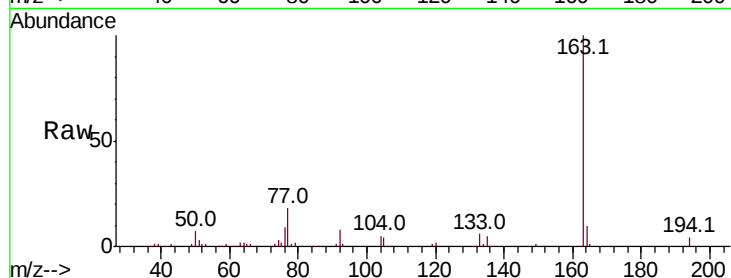
Tot Ion:163 Resp: 145085

Ion Ratio Lower Upper

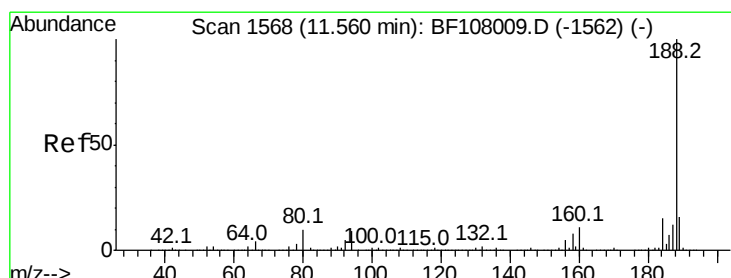
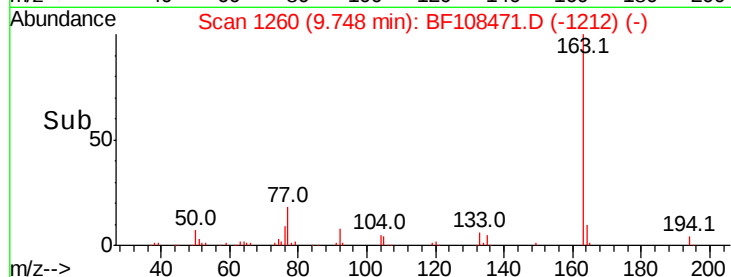
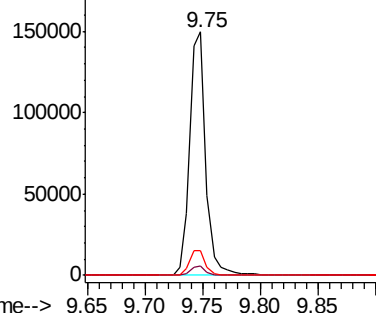
163 100

194 4.1 2.7 4.1

164 10.3 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
200000
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# 1564

Delta R.T. -0.01 min

Lab File: BF108471.D

Acq: 24 Aug 2018 18:53

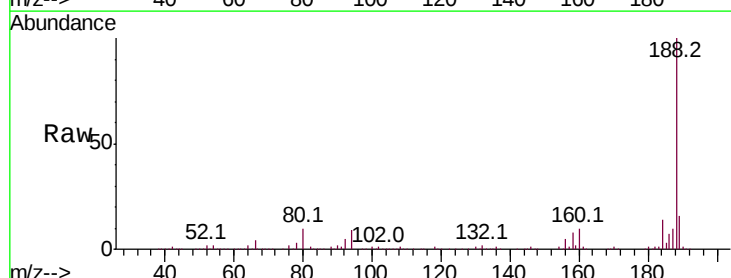
Tgt Ion:188 Resp: 483097

Ion Ratio Lower Upper

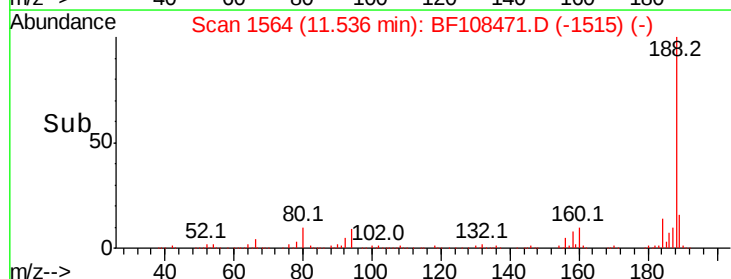
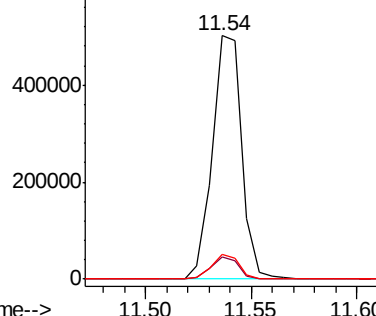
188 100

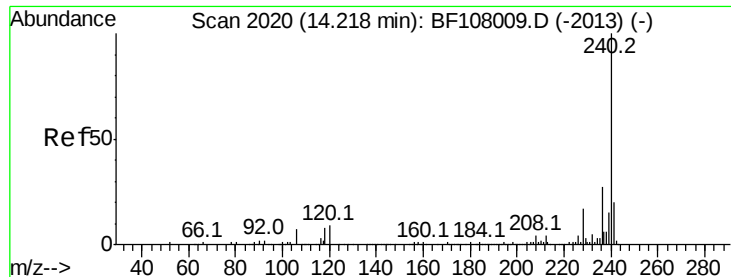
94 9.2 8.5 12.7

80 10.3 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
600000
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#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

Instrument :

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ClientSampleId :

EP1-Q3-B3

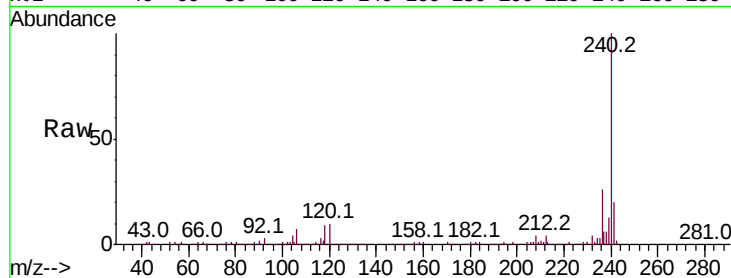
Tot Ion:240 Resp: 282450

Ion Ratio Lower Upper

240 100

120 9.6 9.5 14.3

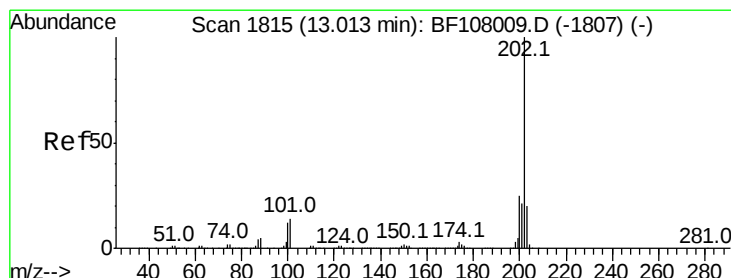
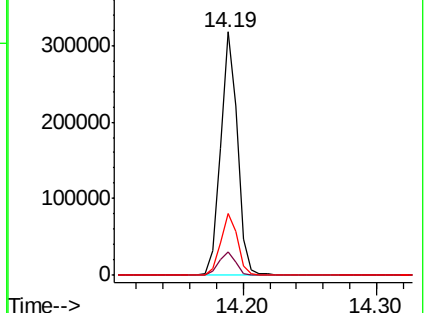
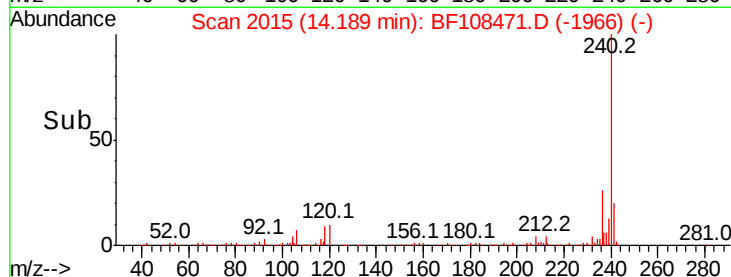
236 25.5 20.7 31.1



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

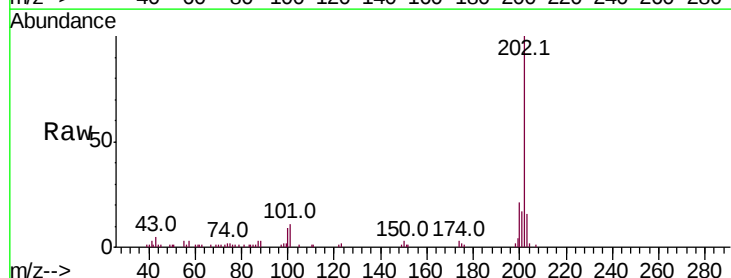
Tgt Ion:202 Resp: 48944

Ion Ratio Lower Upper

202 100

200 21.1 17.4 26.2

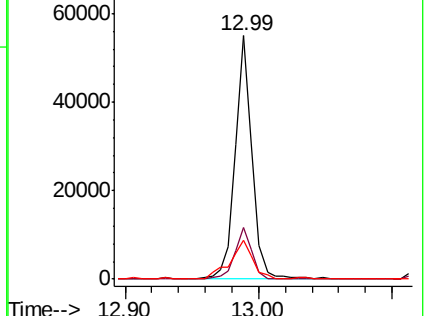
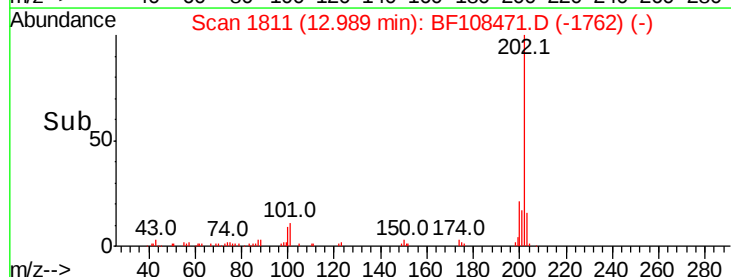
203 16.2 14.3 21.5

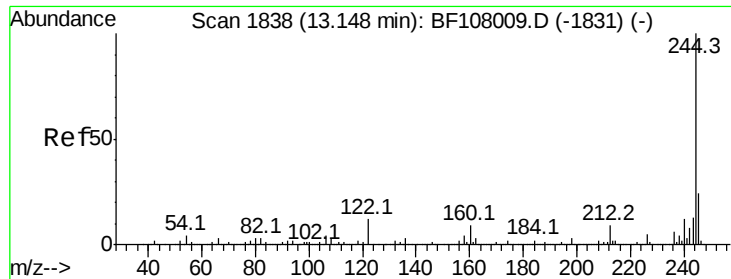


Abundance Ion 202.00 (201.70 to 202.70): E

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

Instrument :

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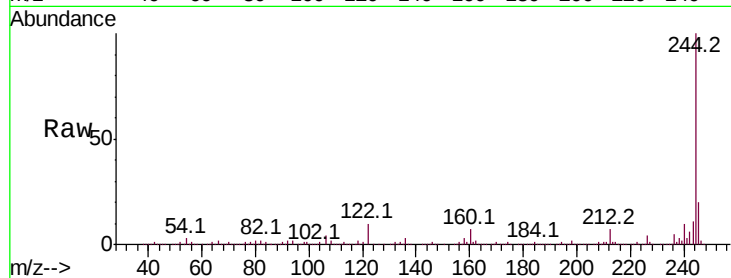
Tot Ion:244 Resp: 1165772

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

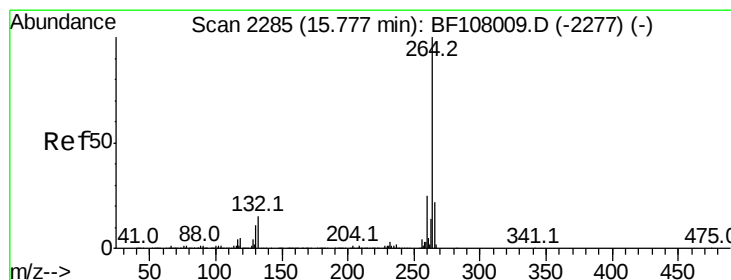
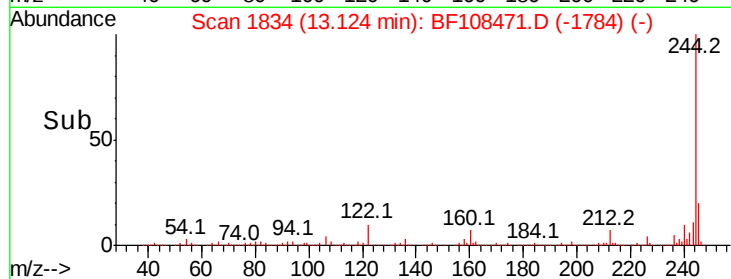
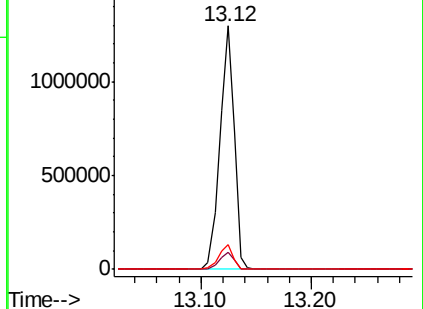
122 10.3 11.0 16.4#



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

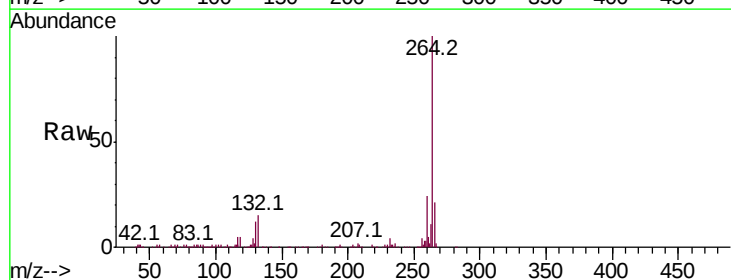
Tgt Ion:264 Resp: 276331

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.5 17.5 26.3



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

