

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
 Data File : BF108472.D
 Acq On : 24 Aug 2018 19:20
 Operator : JU/SJ
 Sample : J4581-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q3-B4

Quant Time: Aug 25 00:48:22 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

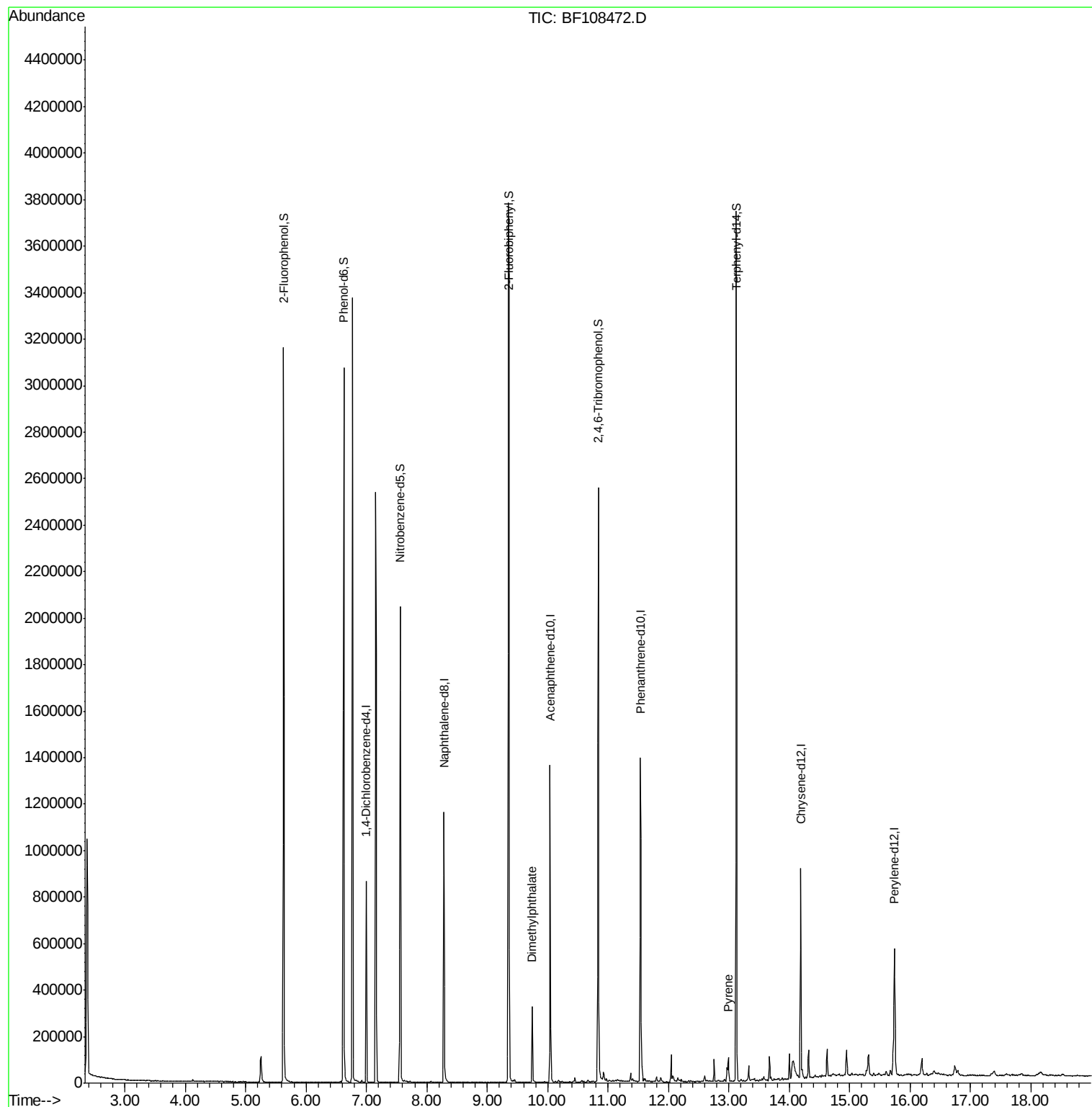
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	133715	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	512712	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	263469	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	502953	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	283876	20.00	ng	-0.01
86) Perylene-d12	15.74	264	279628	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	791750	107.20	ng	0.00
7) Phenol-d6	6.62	99	1065037	108.52	ng	0.00
23) Nitrobenzene-d5	7.56	82	717223	78.06	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	315935	120.22	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1273636	77.61	ng	-0.01
78) Terphenyl-d14	13.12	244	1225689	109.78	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.75	163	144801	7.890	ng	Qvalue # 99
77) Pyrene	12.99	202	37069	2.063	ng	98

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

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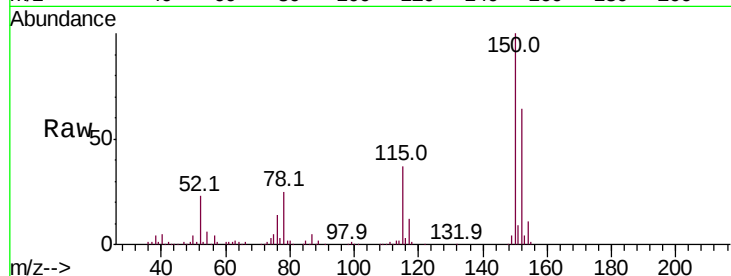


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108472.D
Acq: 24 Aug 2018 19:20

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-B4

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.6	186.8
115	57.5	50.1	75.1

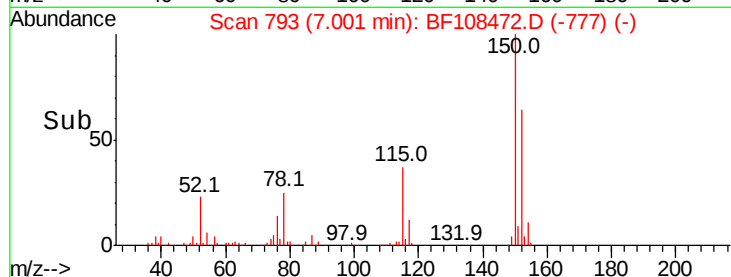
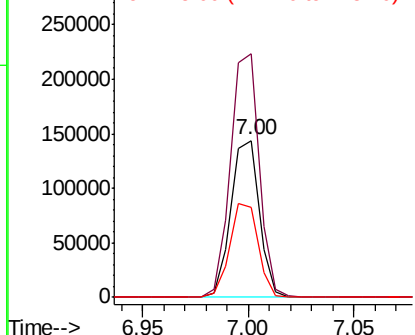


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

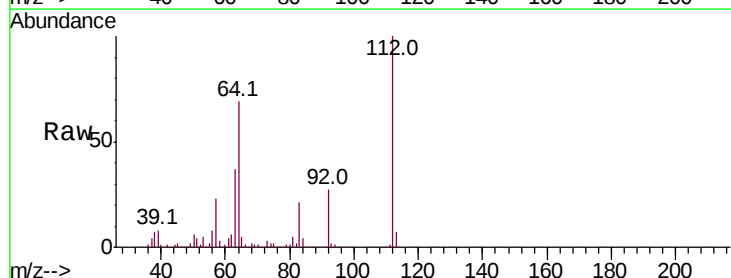
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 107.200 ng
RT: 5.63 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF108472.D
Acq: 24 Aug 2018 19:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.3	47.9	71.9
63	36.8	23.7	35.5#

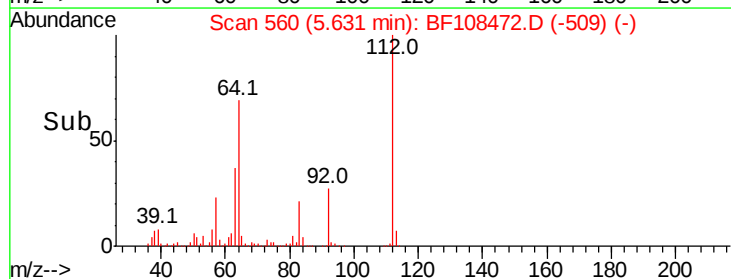
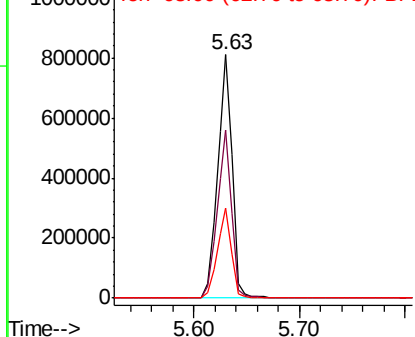


Abundance

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: 108.515 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108472.D

Acq: 24 Aug 2018 19:20

Instrument :

BNA_F

ClientSampleId :

EP1-Q3-B4

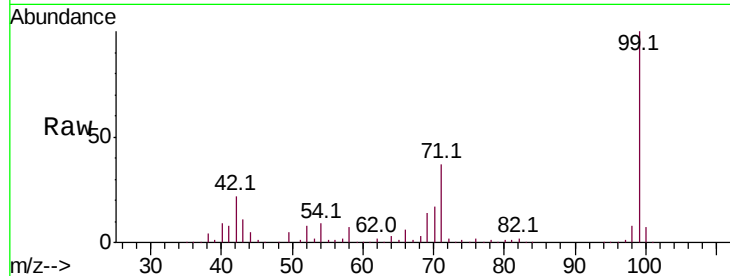
Tot Ion: 99 Resp: 1065037

Ion Ratio Lower Upper

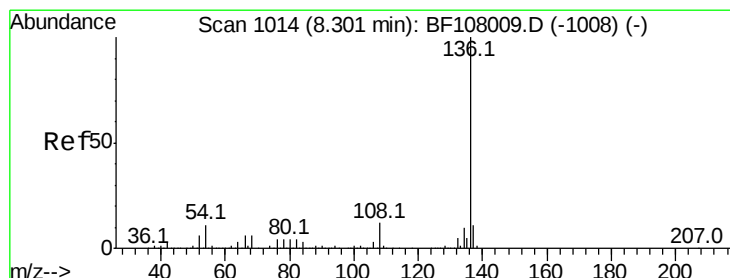
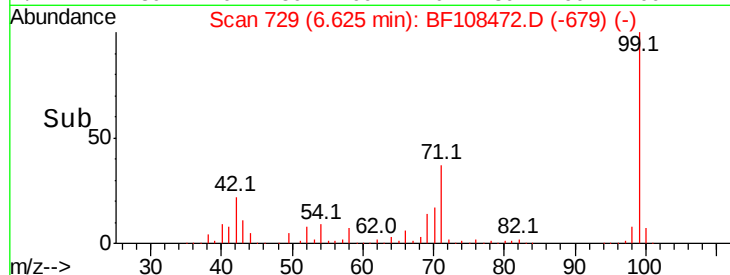
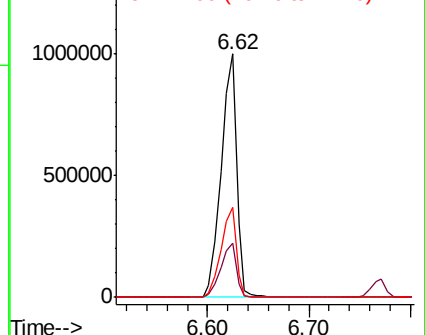
99 100

42 22.4 14.5 21.7#

71 36.9 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: BF108472.D

Acq: 24 Aug 2018 19:20

Tgt Ion: 136 Resp: 512712

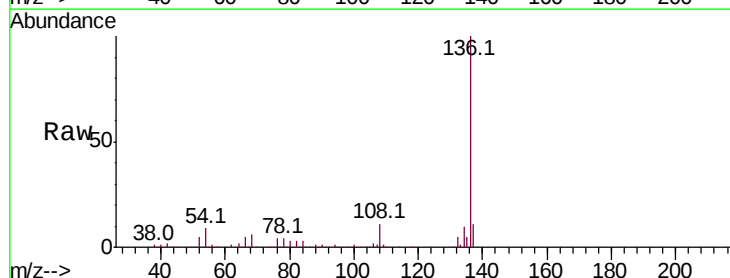
Ion Ratio Lower Upper

136 100

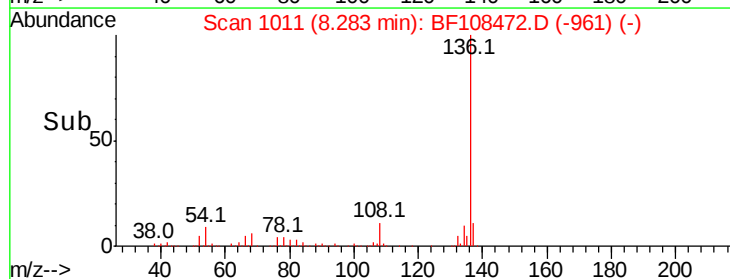
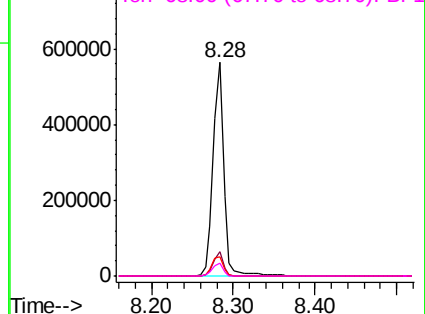
137 11.2 8.9 13.3

54 9.2 6.6 9.8

68 5.8 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

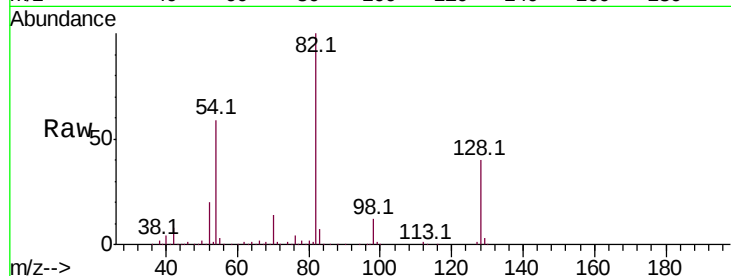




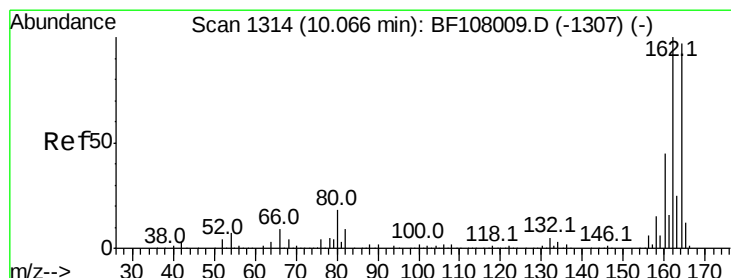
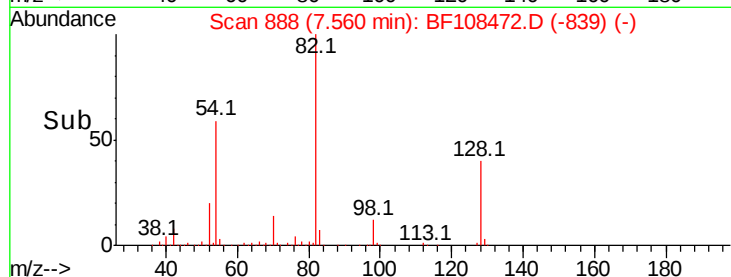
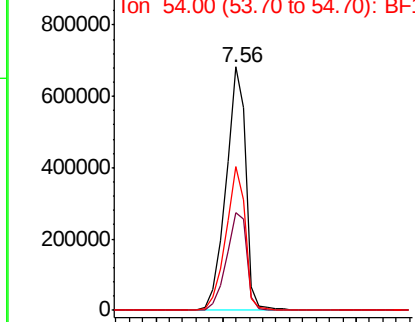
#23
Nitrobenzene-d5
Concen: 78.060 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF108472.D
Acq: 24 Aug 2018 19:20

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-B4

Tot Ion: 82 Resp: 717223
Ion Ratio Lower Upper
82 100
128 40.4 36.1 54.1
54 58.9 41.4 62.2

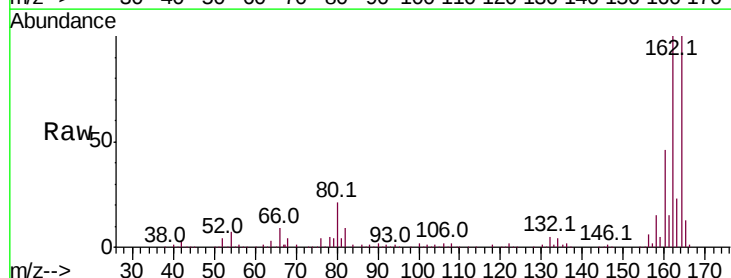


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

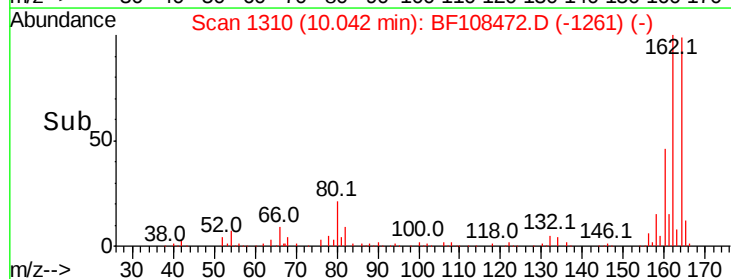
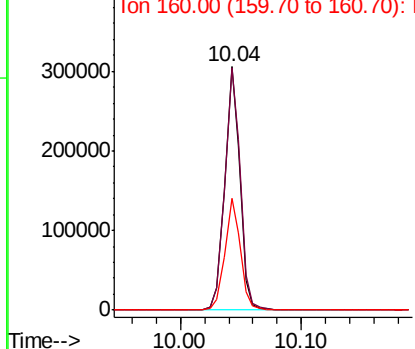


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108472.D
Acq: 24 Aug 2018 19:20

Tgt Ion: 164 Resp: 263469
Ion Ratio Lower Upper
164 100
162 99.6 86.1 129.1
160 45.9 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

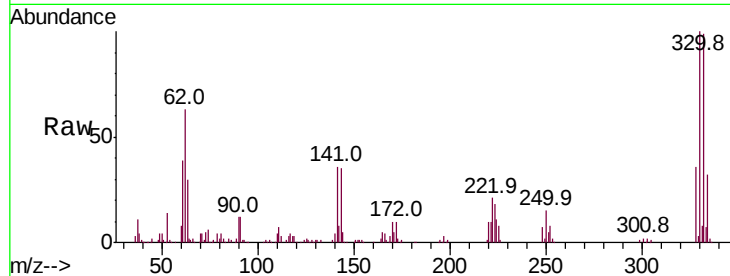




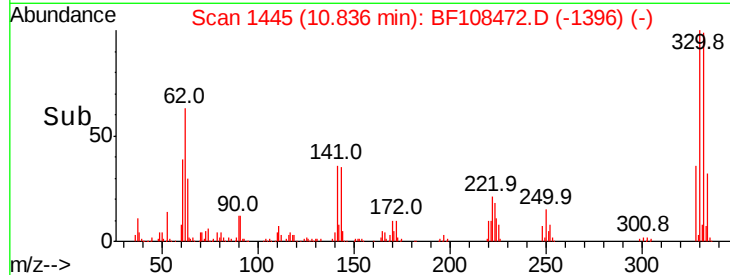
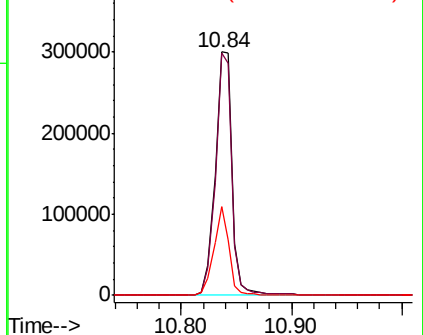
#41
 2,4,6-Tribromophenol
 Concen: 120.217 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108472.D
 Acq: 24 Aug 2018 19:20

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q3-B4

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	32.7	29.9	44.9

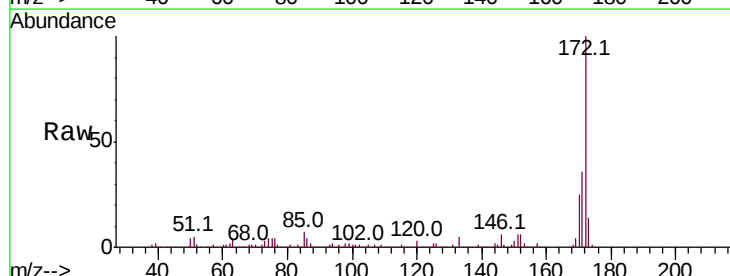


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

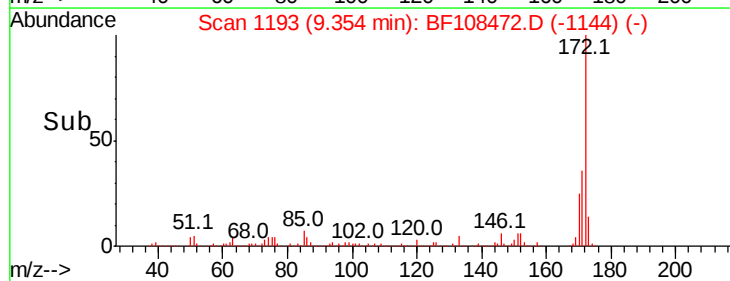
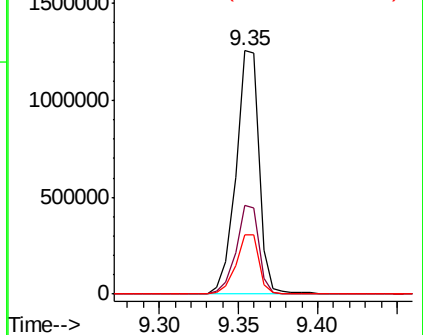


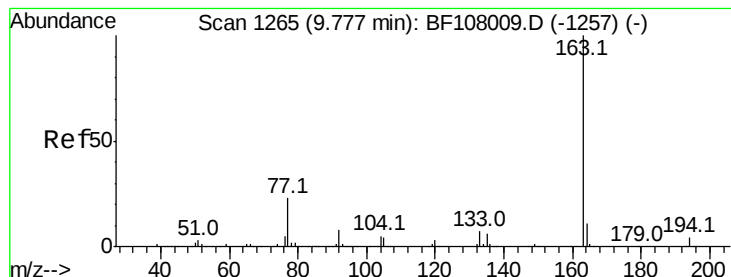
#44
 2-Fluorobiphenyl
 Concen: 77.610 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108472.D
 Acq: 24 Aug 2018 19:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	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: 7.890 ng

RT: 9.75 min Scan# 1260

Delta R.T. -0.02 min

Lab File: BF108472.D

Acq: 24 Aug 2018 19:20

Instrument :

BNA_F

ClientSampleId :

EP1-Q3-B4

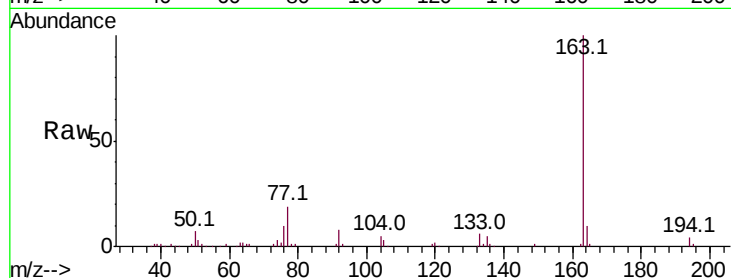
Tot Ion:163 Resp: 144801

Ion Ratio Lower Upper

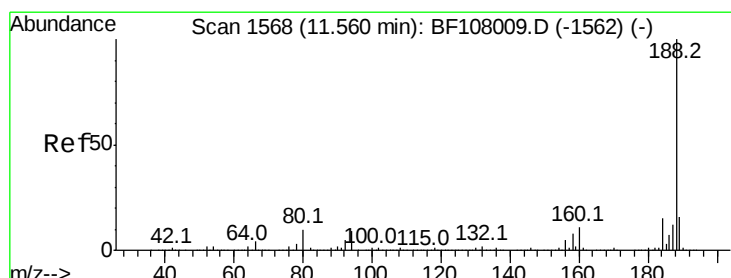
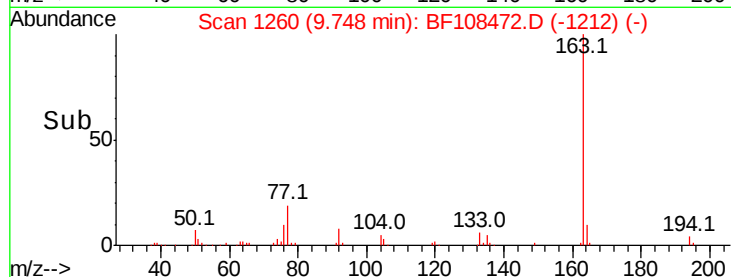
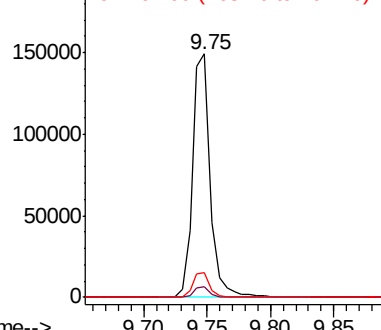
163 100

194 4.2 2.7 4.1#

164 10.4 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: BF108472.D

Acq: 24 Aug 2018 19:20

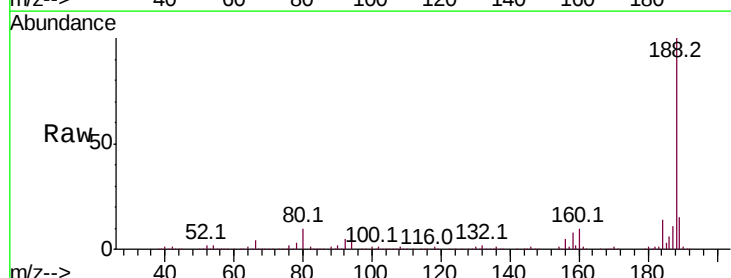
Tgt Ion:188 Resp: 502953

Ion Ratio Lower Upper

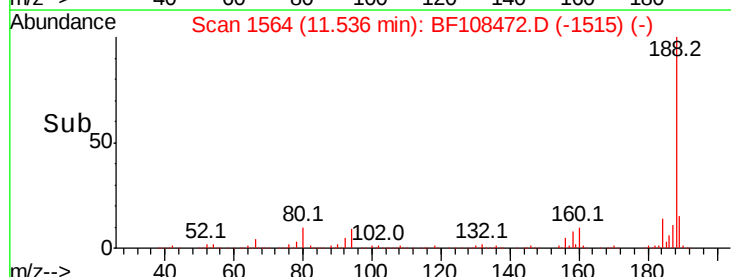
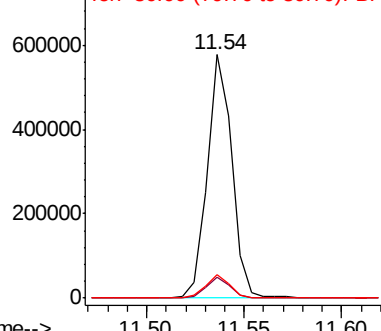
188 100

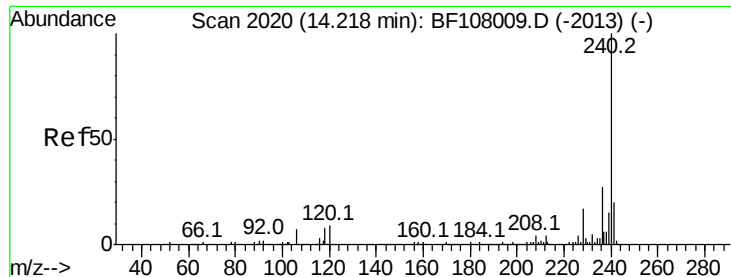
94 8.8 8.5 12.7

80 9.7 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
800000
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: BF108472.D

Acq: 24 Aug 2018 19:20

Instrument :

BNA_F

ClientSampleId :

EP1-Q3-B4

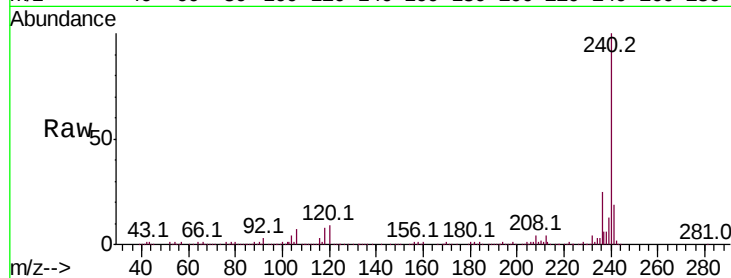
Tot Ion:240 Resp: 283876

Ion Ratio Lower Upper

240 100

120 9.1 9.5 14.3#

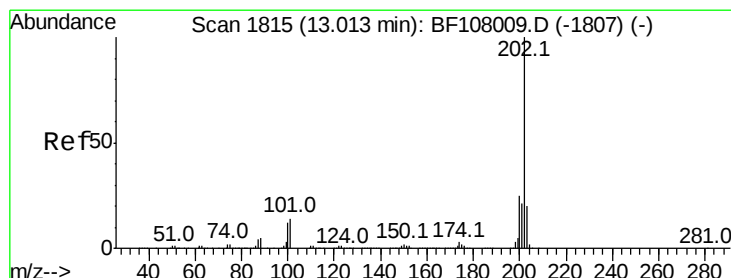
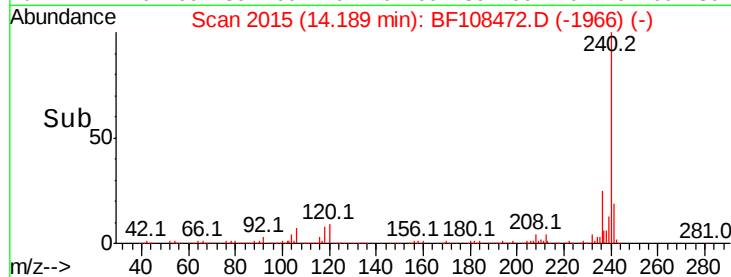
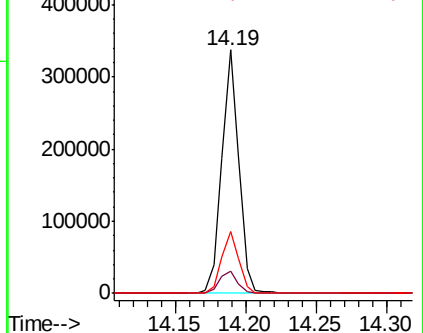
236 25.4 20.7 31.1



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: 2.063 ng

RT: 12.99 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BF108472.D

Acq: 24 Aug 2018 19:20

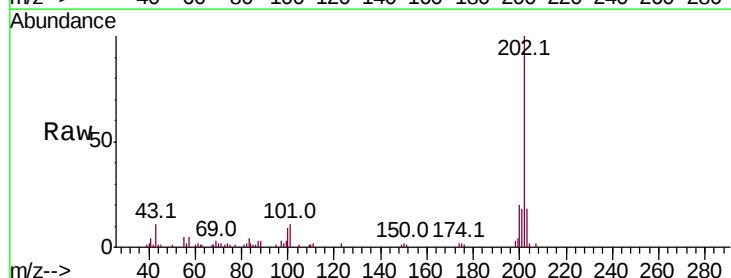
Tgt Ion:202 Resp: 37069

Ion Ratio Lower Upper

202 100

200 20.2 17.4 26.2

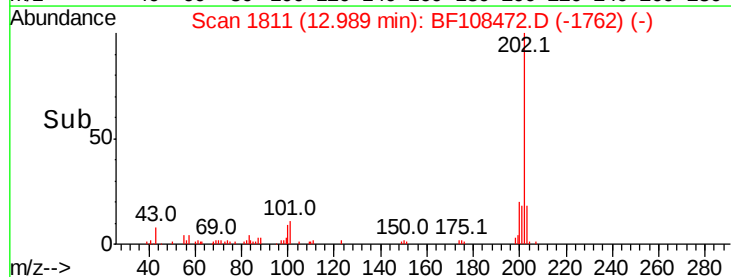
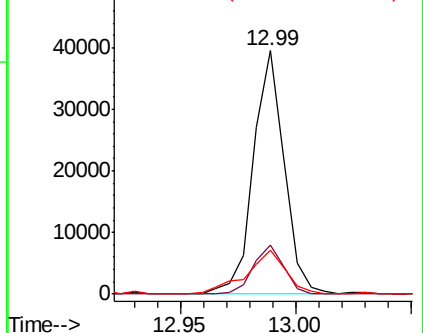
203 17.8 14.3 21.5

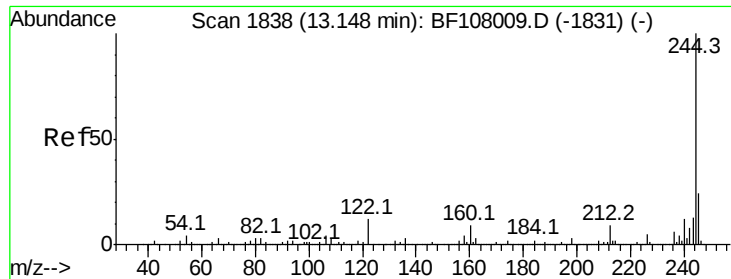


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

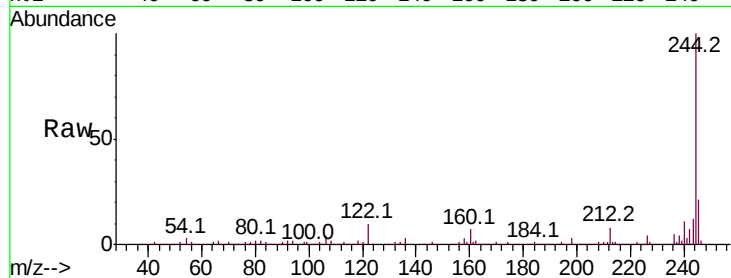




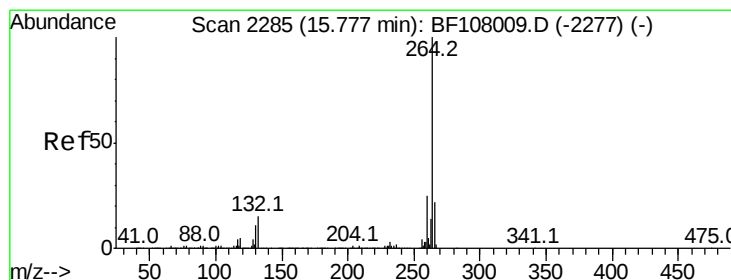
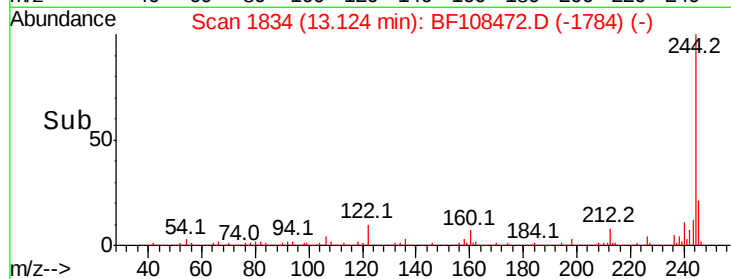
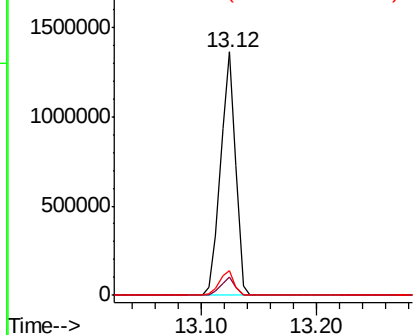
#78
 Terphenyl-d14
 Concen: 109.780 ng
 RT: 13.12 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BF108472.D
 Acq: 24 Aug 2018 19:20

Instrument :
 BNA_F
 ClientSampleID :
 EP1-Q3-B4

Tot Ion:244 Resp: 1225689
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.4 8.0
 122 10.2 11.0 16.4#

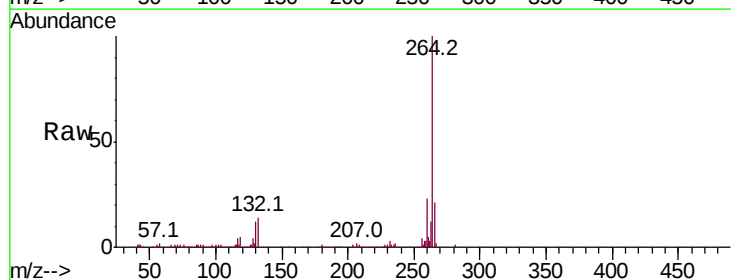


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.74 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BF108472.D
 Acq: 24 Aug 2018 19:20

Tgt Ion:264 Resp: 279628
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 21.1 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

