

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
 Data File : BF109389.D
 Acq On : 27 Sep 2018 16:12
 Operator : JU/SJ
 Sample : J5066-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q1-F3

Quant Time: Sep 27 18:45:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

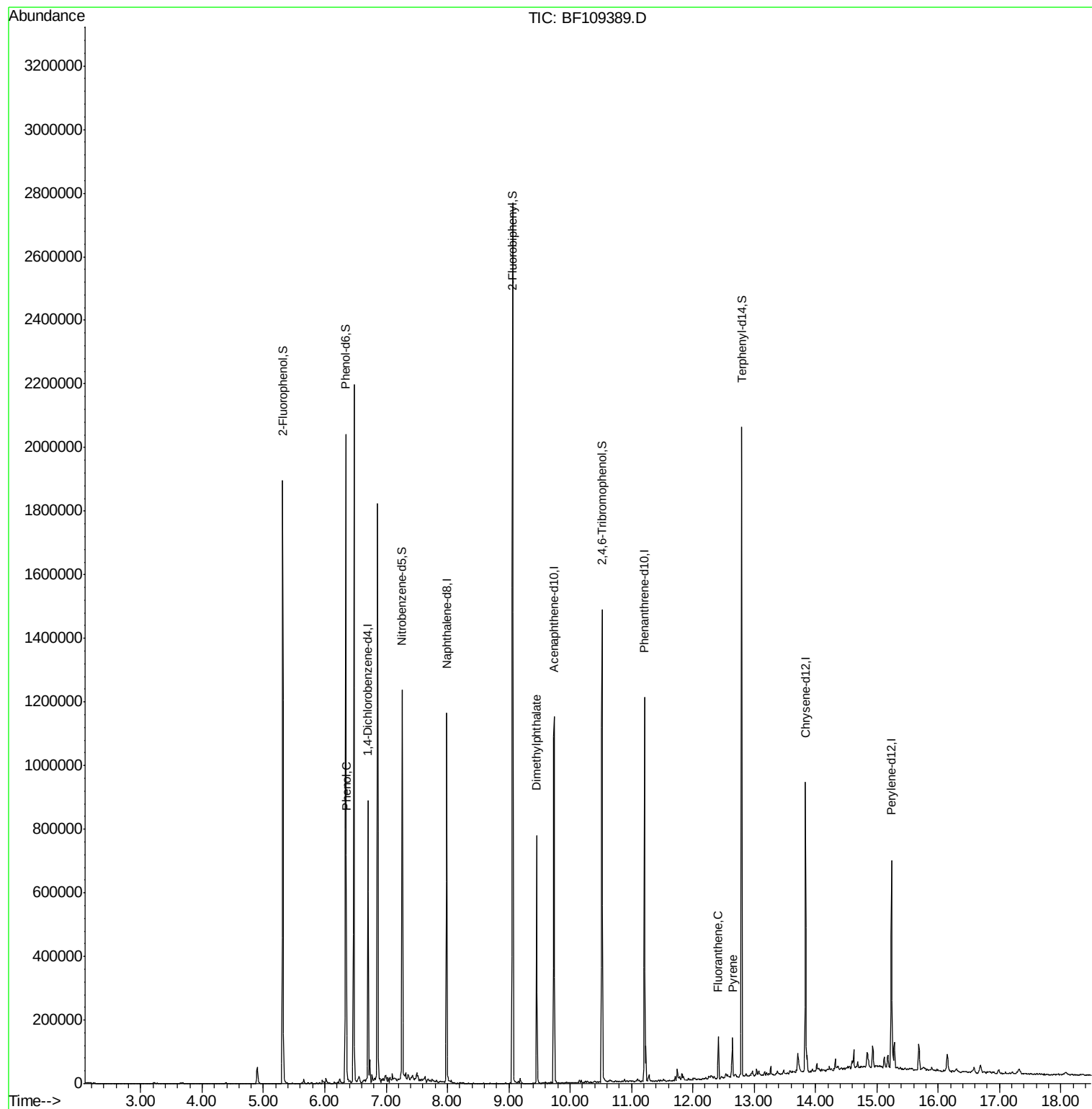
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	119360	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	469992	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	229479	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	436348	20.00	ng	0.00
75) Chrysene-d12	13.84	240	271603	20.00	ng	0.00
86) Perylene-d12	15.24	264	287658	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	525850	72.56	ng	0.00
7) Phenol-d6	6.35	99	678056	73.33	ng	-0.01
23) Nitrobenzene-d5	7.26	82	438146	55.03	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	169984	75.14	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	797870	52.44	ng	-0.01
78) Terphenyl-d14	12.80	244	695256	62.82	ng	0.00
Target Compounds						
10) Phenol	6.36	94	27916	2.666	ng	97
49) Dimethylphthalate	9.46	163	276784	16.583	ng	99
74) Fluoranthene	12.42	202	51516	2.213	ng	97
77) Pyrene	12.64	202	46781	2.403	ng	99

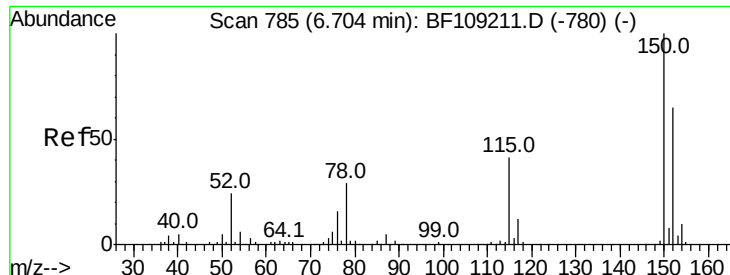
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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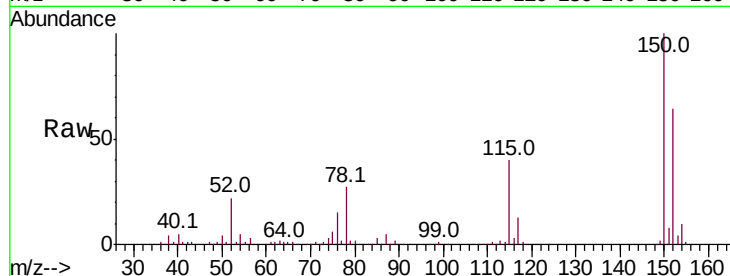


#1

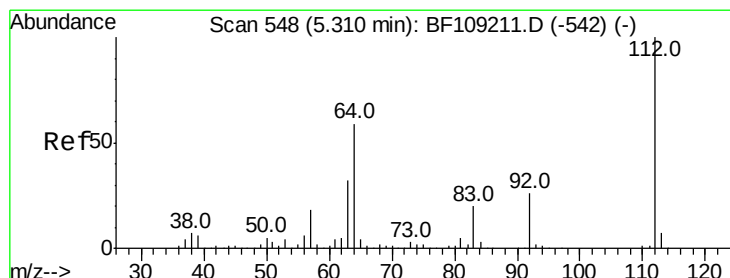
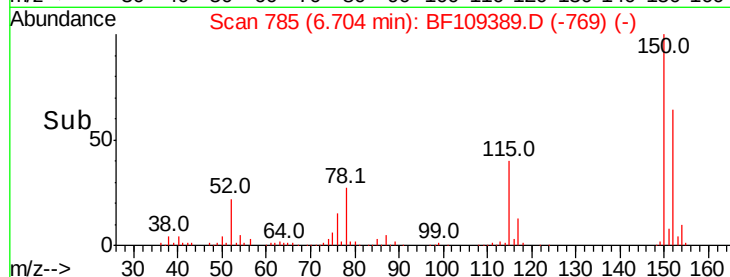
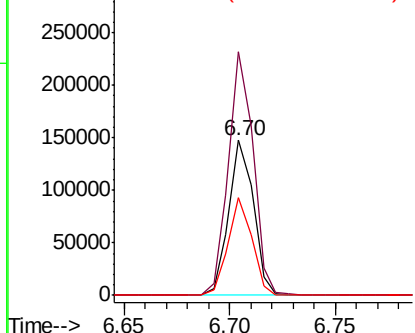
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109389.D
Acq: 27 Sep 2018 16:12

Instrument :
BNA_F
ClientSampleId :
EP1-Q1-F3

Tot Ion:152 Resp: 119360
Ion Ratio Lower Upper
152 100
150 157.0 124.6 186.8
115 62.9 50.1 75.1



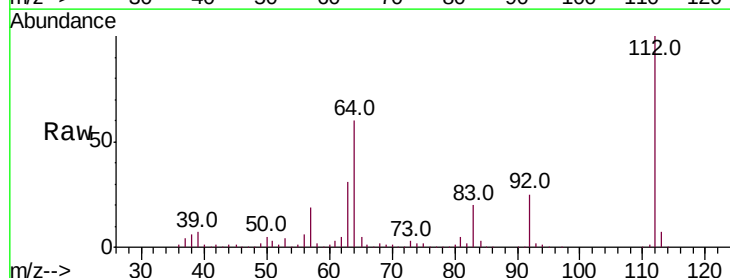
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



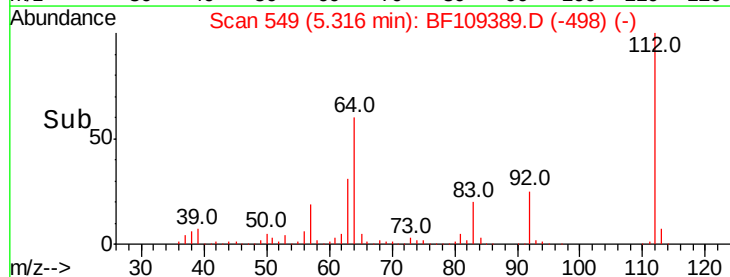
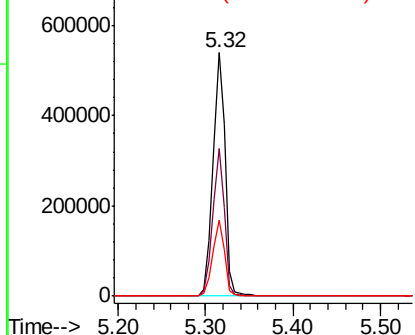
#5

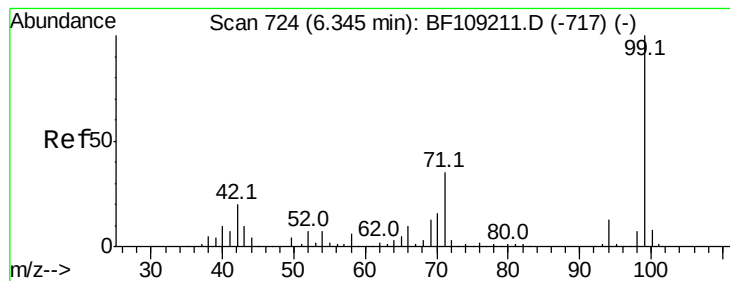
2-Fluorophenol
Concen: 72.563 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF109389.D
Acq: 27 Sep 2018 16:12

Tgt Ion:112 Resp: 525850
Ion Ratio Lower Upper
112 100
64 60.4 47.9 71.9
63 31.4 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: 73.326 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109389.D

Acq: 27 Sep 2018 16:12

Instrument :

BNA_F

ClientSampleId :

EP1-Q1-F3

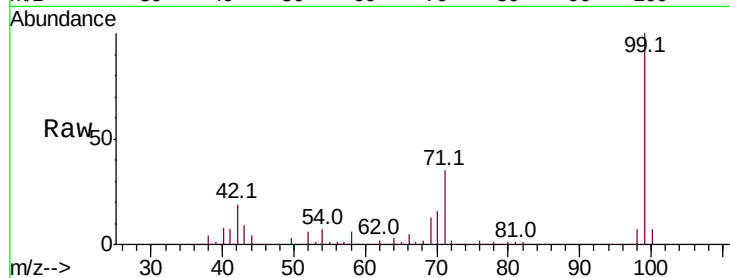
Tot Ion: 99 Resp: 678056

Ion Ratio Lower Upper

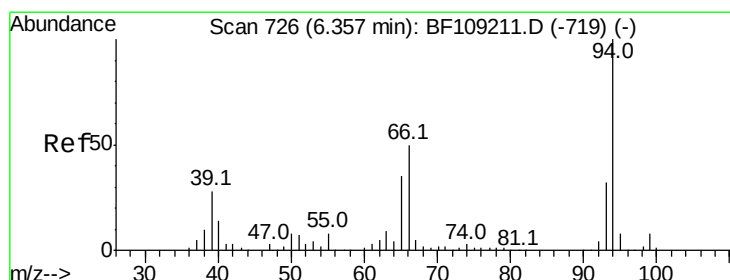
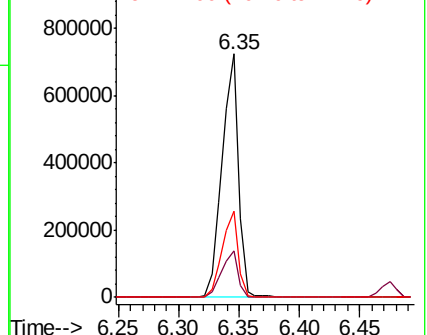
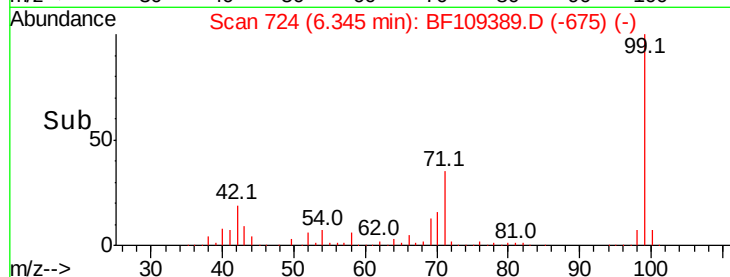
99 100

42 19.0 14.5 21.7

71 35.3 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



#10

Phenol

Concen: 2.666 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF109389.D

Acq: 27 Sep 2018 16:12

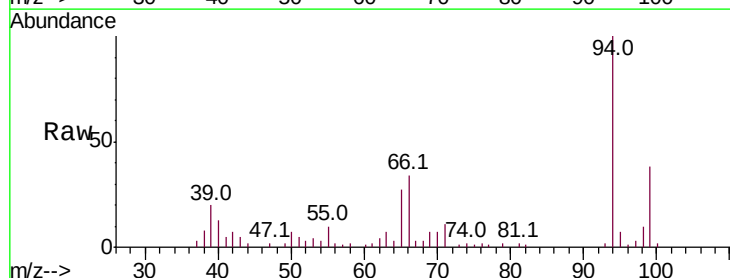
Tgt Ion: 94 Resp: 27916

Ion Ratio Lower Upper

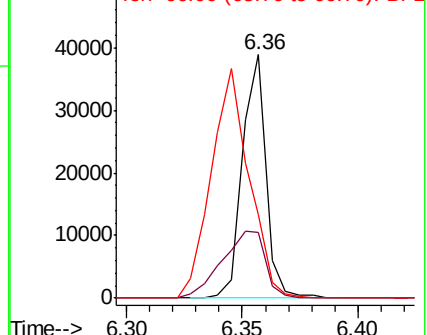
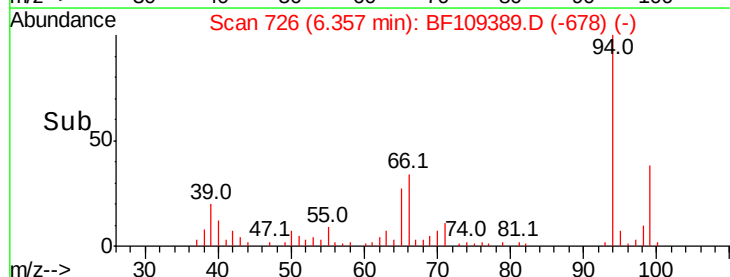
94 100

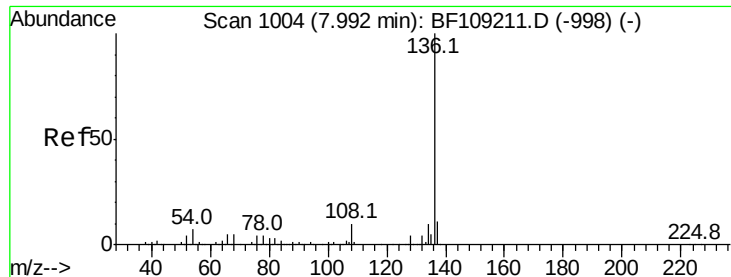
65 26.9 7.9 47.9

66 34.3 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

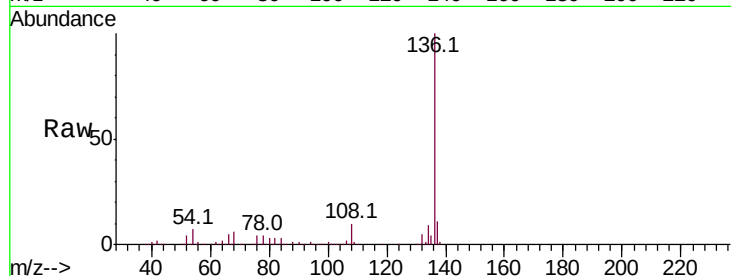




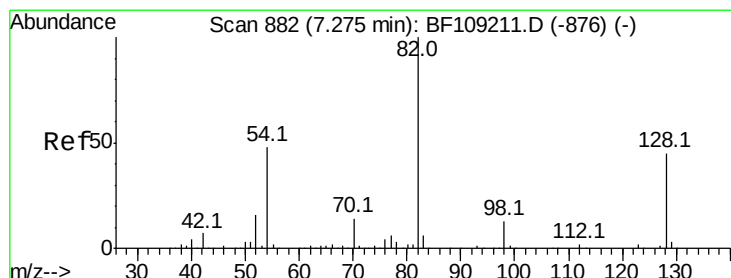
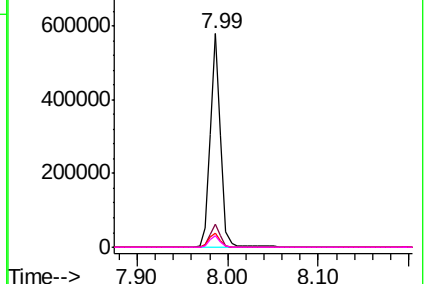
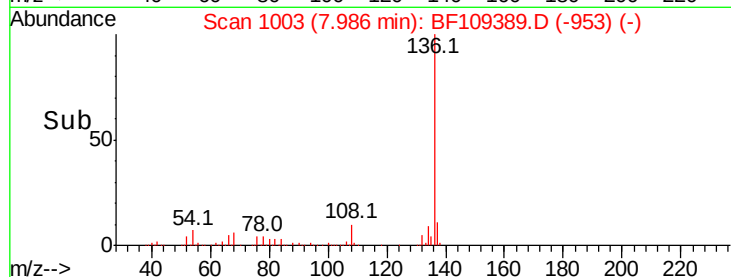
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109389.D
Acq: 27 Sep 2018 16:12

Instrument :
BNA_F
ClientSampleId :
EP1-Q1-F3

Tot Ion:136	Resp:	469992
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.9 13.3
54	6.9	6.6 9.8
68	5.6	5.0 7.4

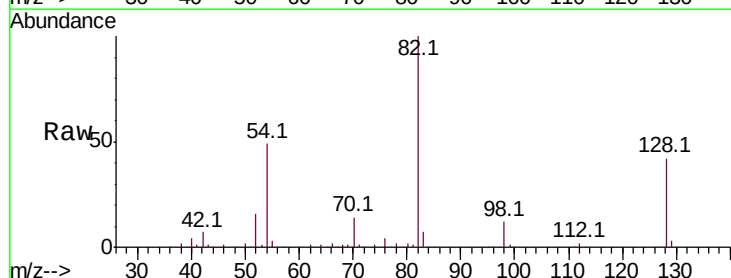


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

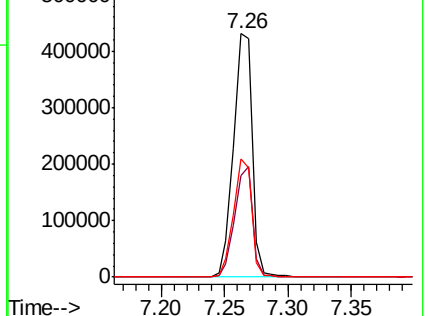
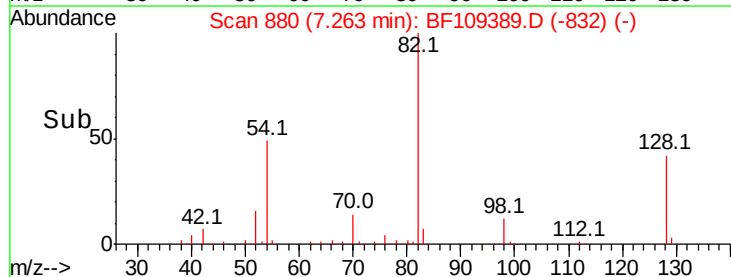


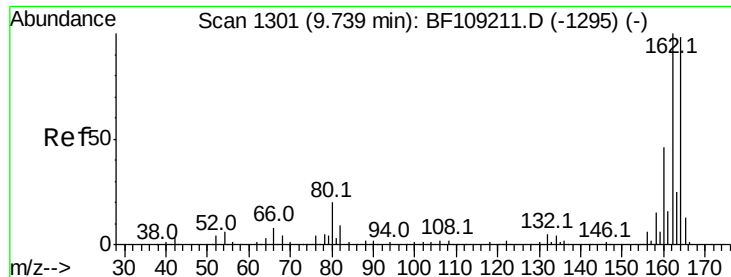
#23
Nitrobenzene-d5
Concen: 55.032 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF109389.D
Acq: 27 Sep 2018 16:12

Tgt Ion: 82	Resp:	438146
Ion	Ratio	Lower Upper
82	100	
128	41.7	36.1 54.1
54	48.7	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

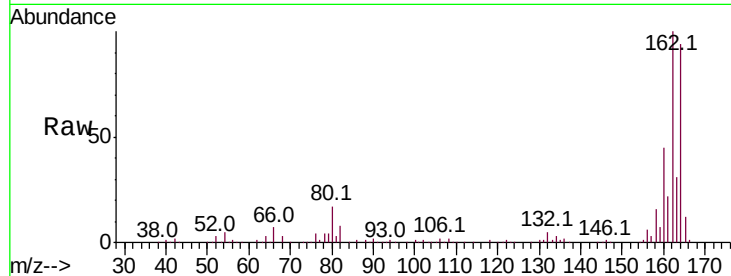




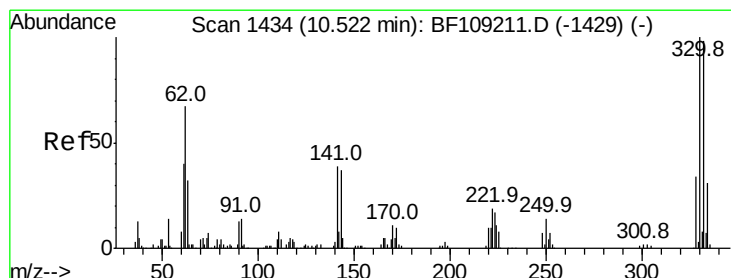
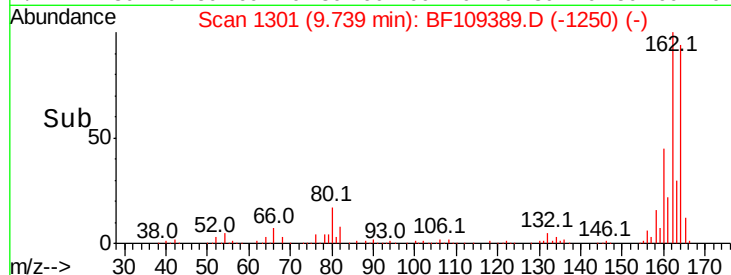
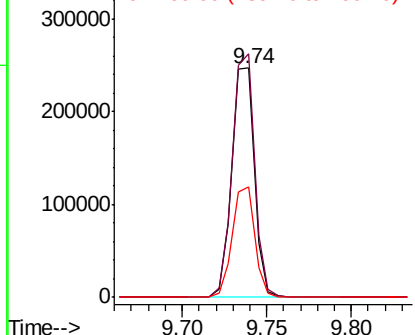
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BF109389.D
 Acq: 27 Sep 2018 16:12

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q1-F3

Tot Ion:164 Resp: 229479
 Ion Ratio Lower Upper
 164 100
 162 106.2 86.1 129.1
 160 48.2 38.3 57.5

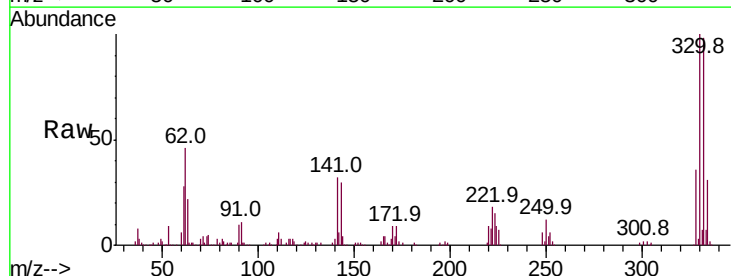


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

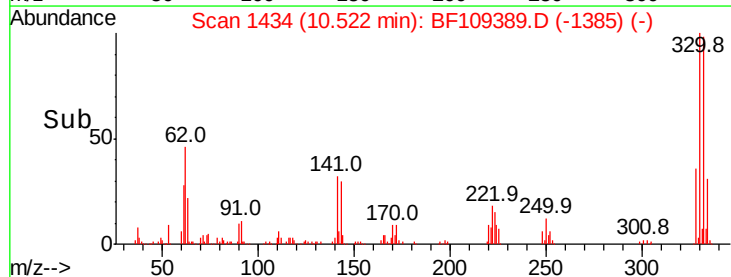
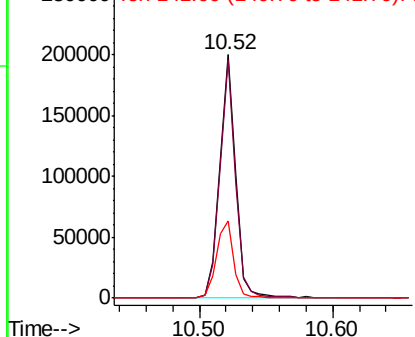


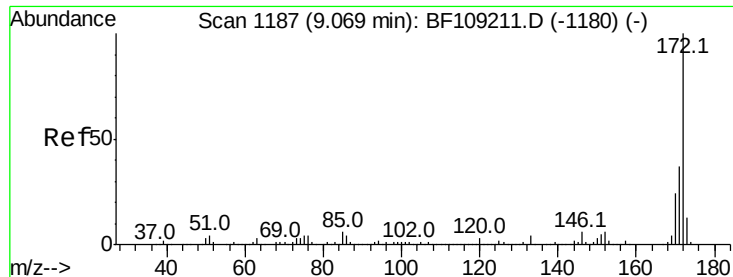
#41
 2,4,6-Tribromophenol
 Concen: 75.141 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109389.D
 Acq: 27 Sep 2018 16:12

Tgt Ion:330 Resp: 169984
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 33.9 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



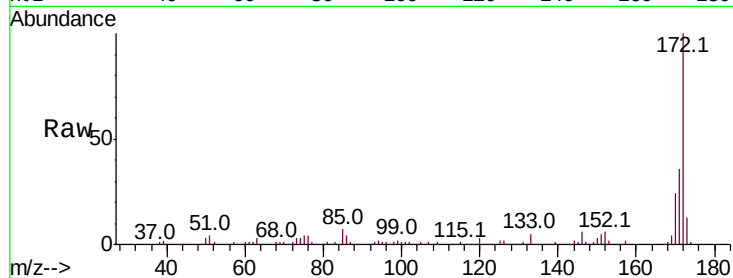


#44
 2-Fluorobiphenyl
 Concen: 52.438 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109389.D
 Acq: 27 Sep 2018 16:12

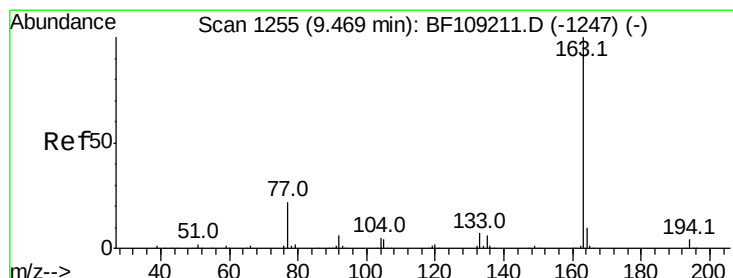
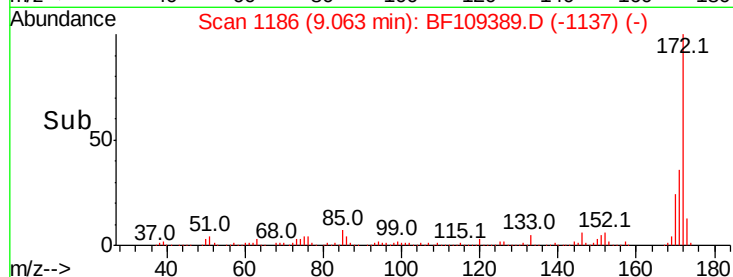
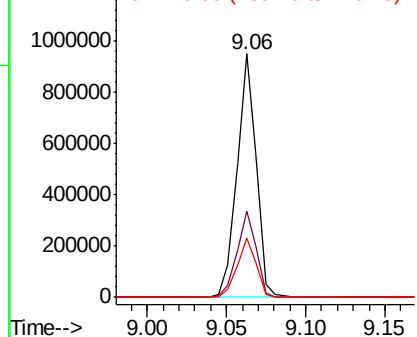
Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q1-F3

Tot Ion:172 Resp: 797870

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	24.1	19.6	29.4



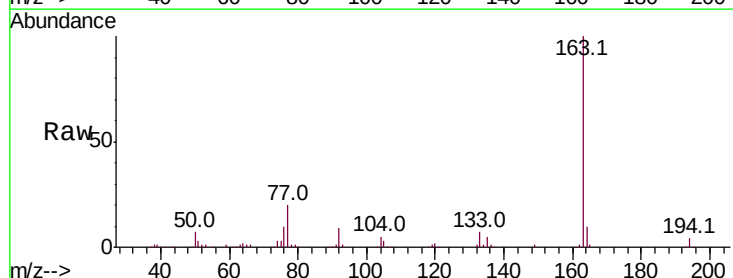
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



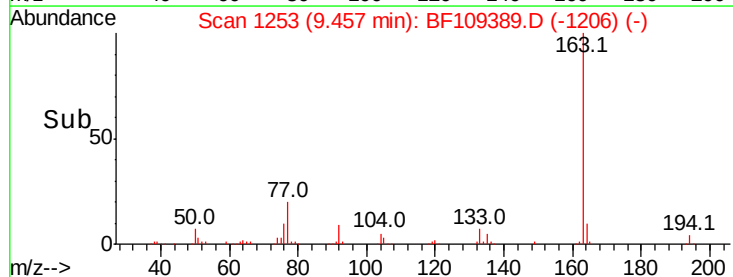
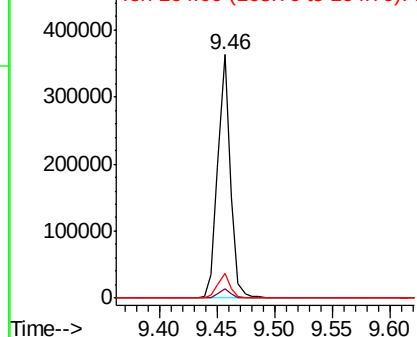
#49
 Dimethylphthalate
 Concen: 16.583 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF109389.D
 Acq: 27 Sep 2018 16:12

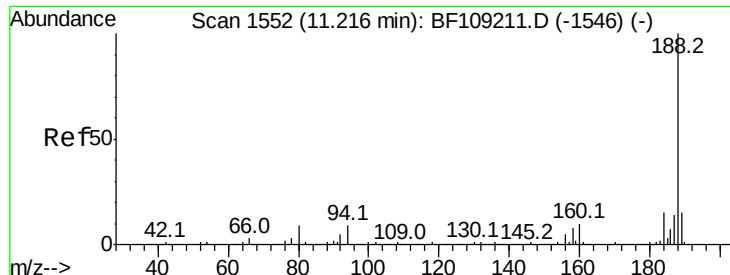
Tgt Ion:163 Resp: 276784

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	9.9	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

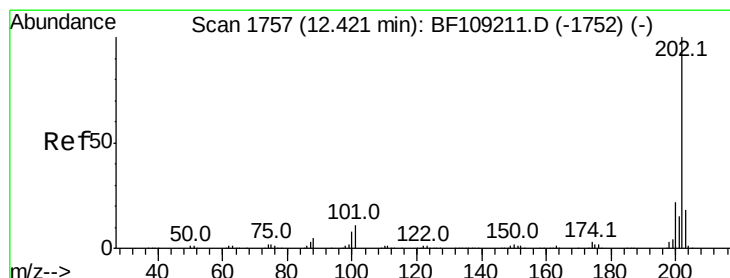
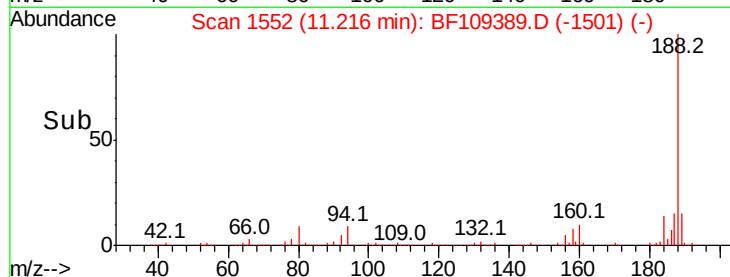
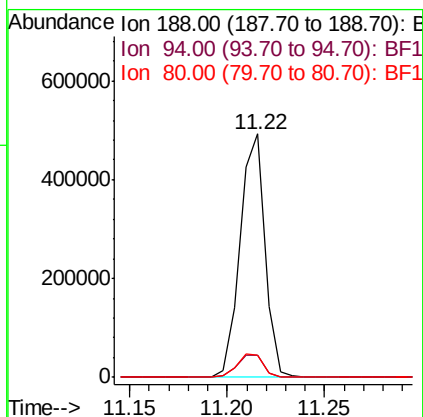
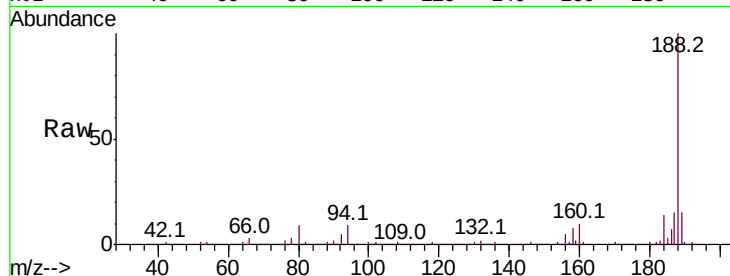




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. -0.00 min
 Lab File: BF109389.D
 Acq: 27 Sep 2018 16:12

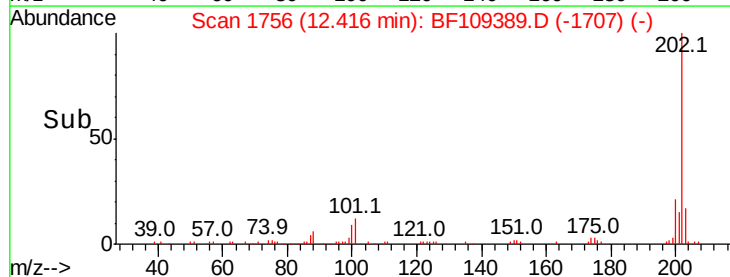
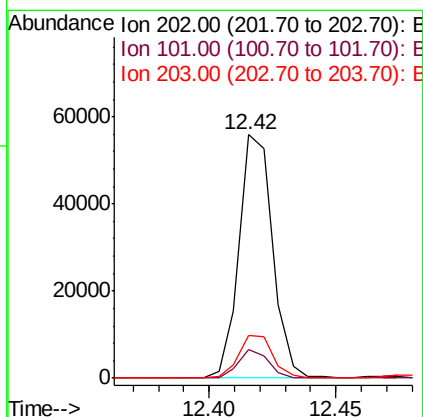
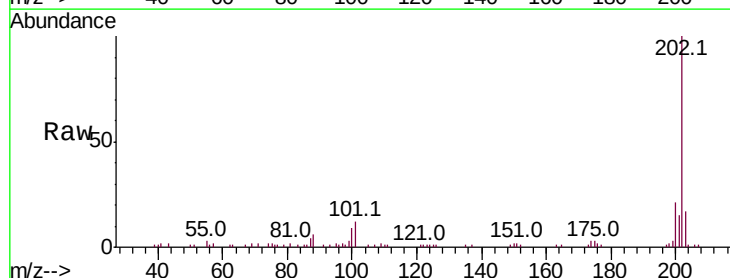
Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q1-F3

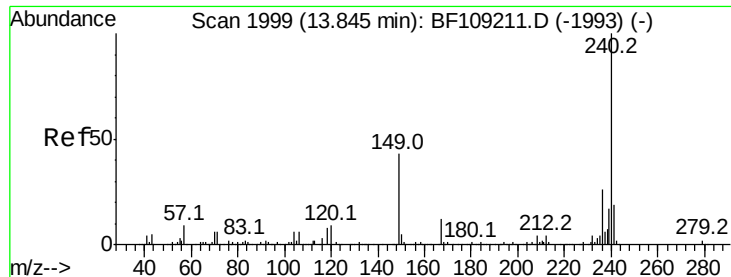
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.5	12.7
80	9.1	9.2	13.8#



#74
 Fluoranthene
 Concen: 2.213 ng
 RT: 12.42 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BF109389.D
 Acq: 27 Sep 2018 16:12

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	34.1
203	17.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF109389.D

Acq: 27 Sep 2018 16:12

Instrument :

BNA_F

ClientSampleId :

EP1-Q1-F3

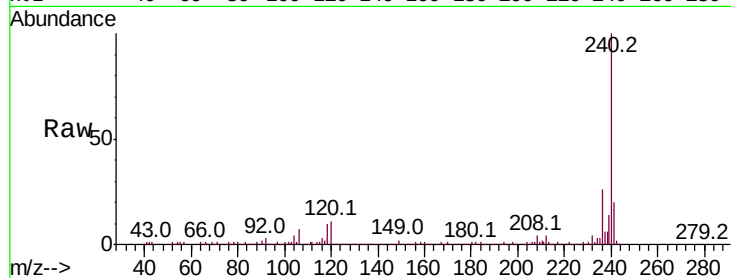
Tot Ion:240 Resp: 271603

Ion Ratio Lower Upper

240 100

120 10.6 9.5 14.3

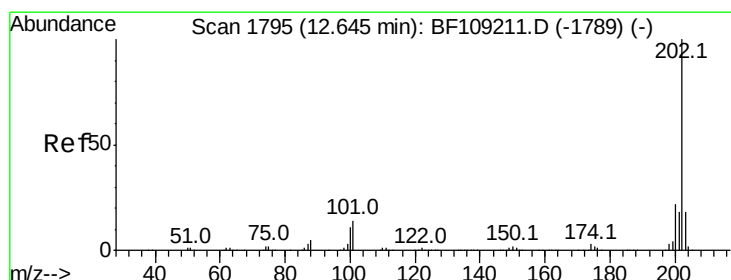
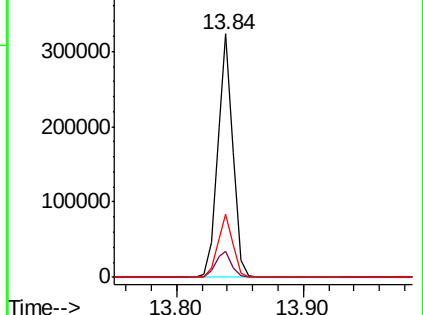
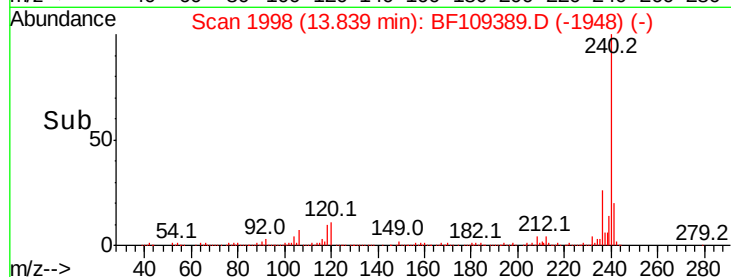
236 25.8 20.7 31.1



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: 2.403 ng

RT: 12.64 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BF109389.D

Acq: 27 Sep 2018 16:12

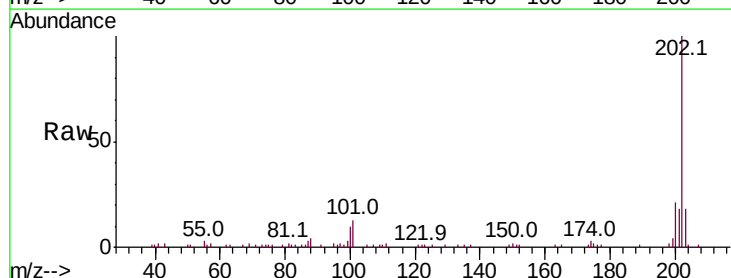
Tgt Ion:202 Resp: 46781

Ion Ratio Lower Upper

202 100

200 20.9 17.4 26.2

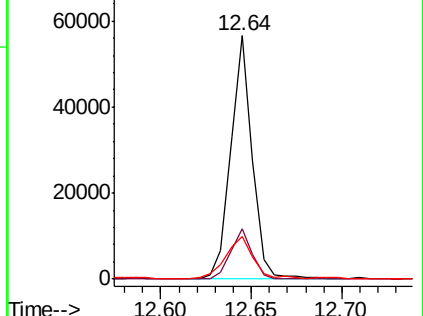
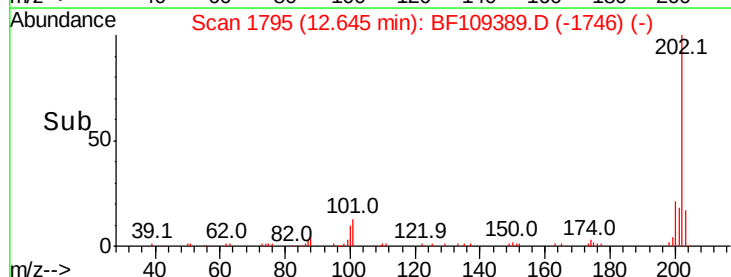
203 17.6 14.3 21.5

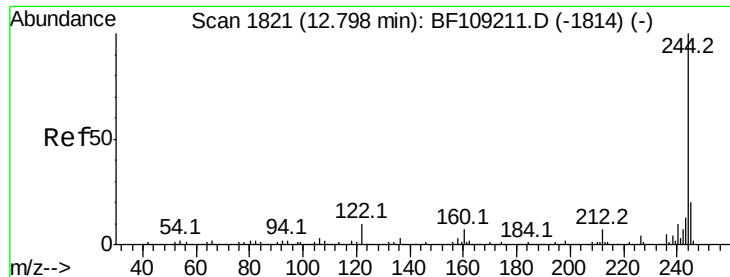


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

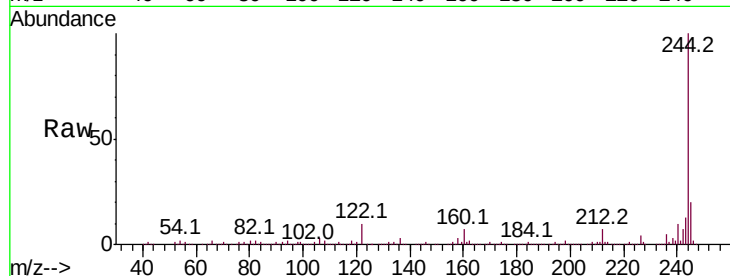




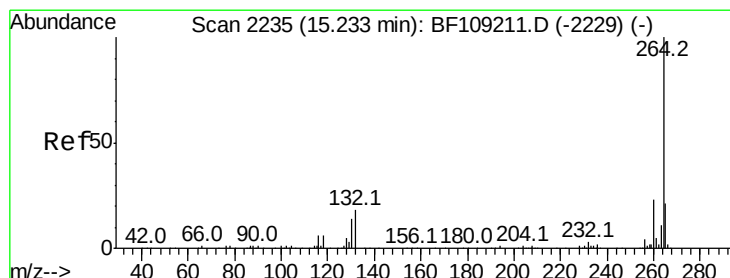
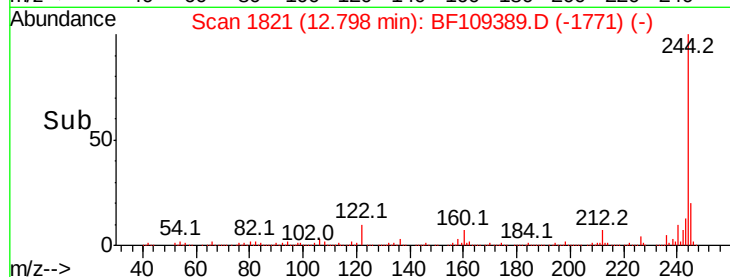
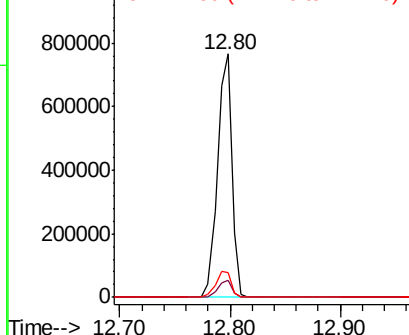
#78
 Terphenyl-d14
 Concen: 62.822 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BF109389.D
 Acq: 27 Sep 2018 16:12

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q1-F3

Tot Ion:244 Resp: 695256
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 10.2 11.0 16.4#

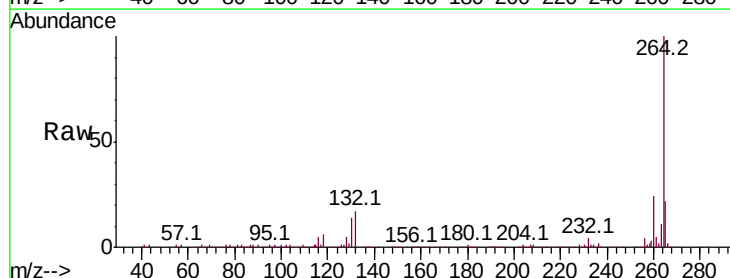


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. -0.00 min
 Lab File: BF109389.D
 Acq: 27 Sep 2018 16:12

Tgt Ion:264 Resp: 287658
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.2 28.8
 265 21.7 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

