

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082118\
 Data File : BF108372.D
 Acq On : 22 Aug 2018 7:35
 Operator : JU/SJ
 Sample : J4542-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-024-A

Quant Time: Aug 22 11:20:35 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

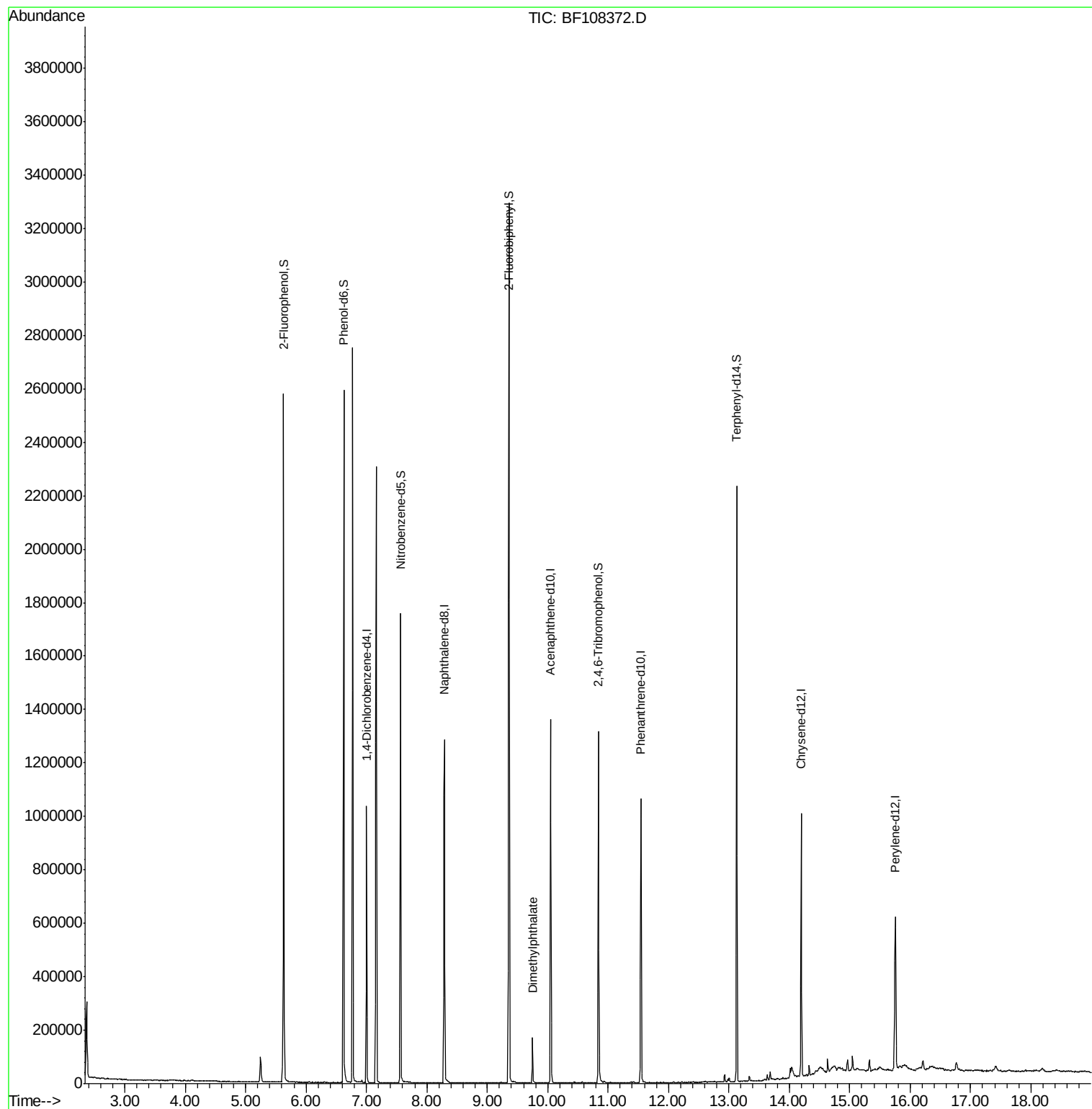
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	155681	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	572175	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	253503	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	409706	20.00	ng	0.00
75) Chrysene-d12	14.20	240	345466	20.00	ng	0.00
86) Perylene-d12	15.75	264	282783	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	618793	71.96	ng	0.00
7) Phenol-d6	6.62	99	816067	71.42	ng	0.00
23) Nitrobenzene-d5	7.57	82	527661	51.46	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	158397	62.64	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	938515	59.44	ng	0.00
78) Terphenyl-d14	13.13	244	718735	52.90	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.75	163	68764	3.894	ng	Qvalue 99

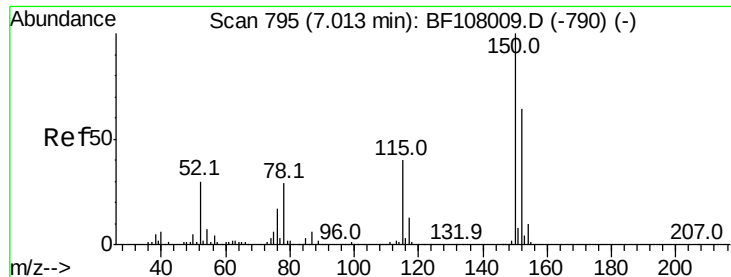
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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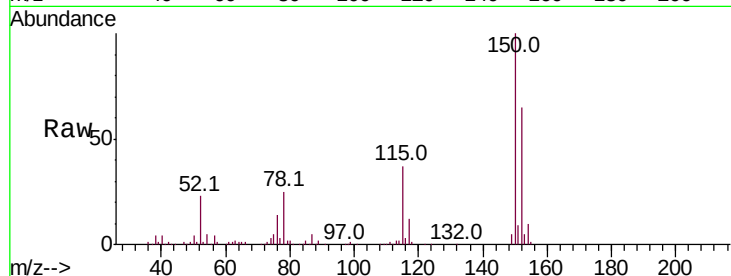


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF108372.D
Acq: 22 Aug 2018 7:35

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-024-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.6	186.8
115	58.0	50.1	75.1

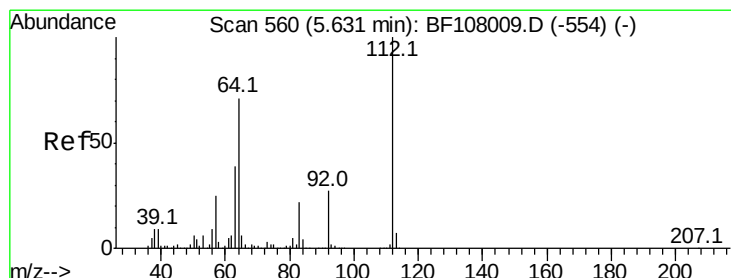
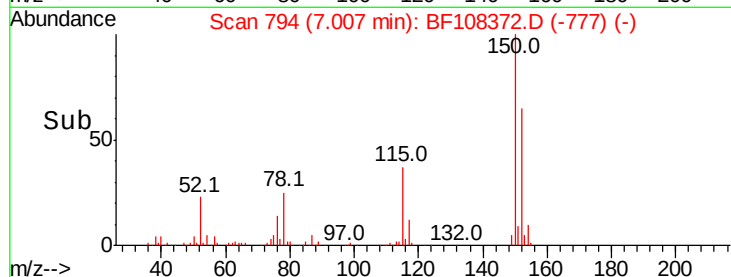
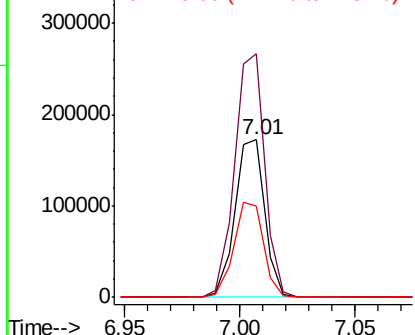


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

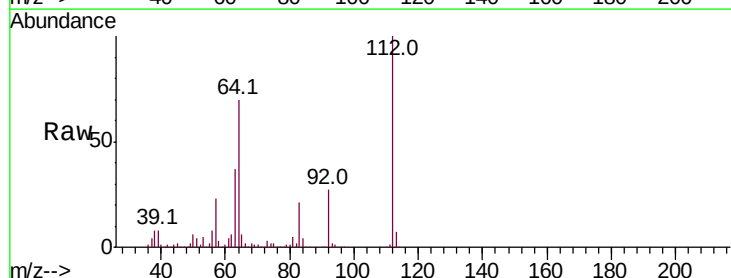
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 71.961 ng
RT: 5.63 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF108372.D
Acq: 22 Aug 2018 7:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.1	47.9	71.9
63	36.8	23.7	35.5#

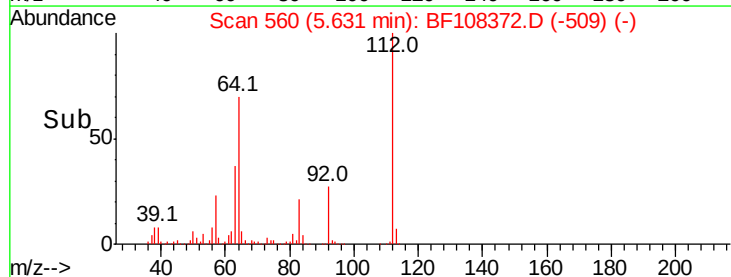
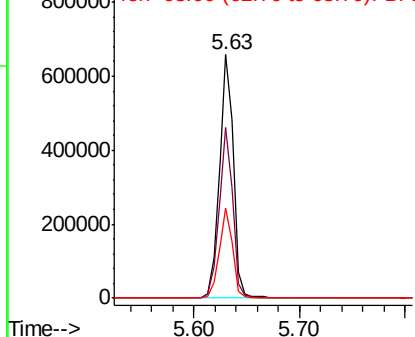


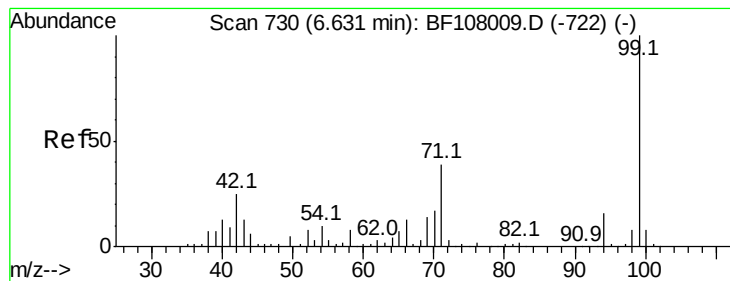
Abundance

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: 71.416 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108372.D

Acq: 22 Aug 2018 7:35

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-024-A

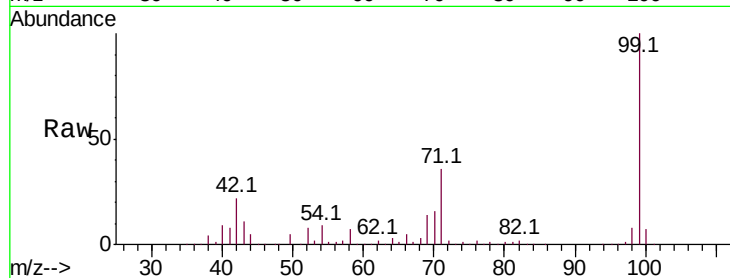
Tot Ion: 99 Resp: 816067

Ion Ratio Lower Upper

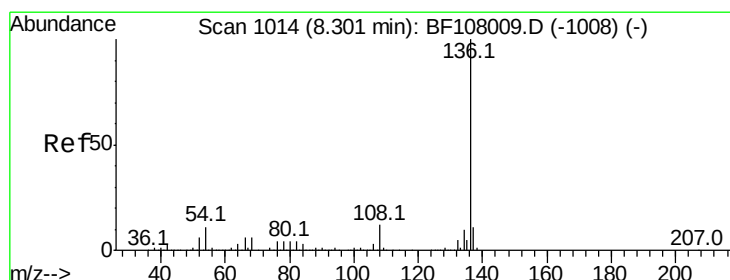
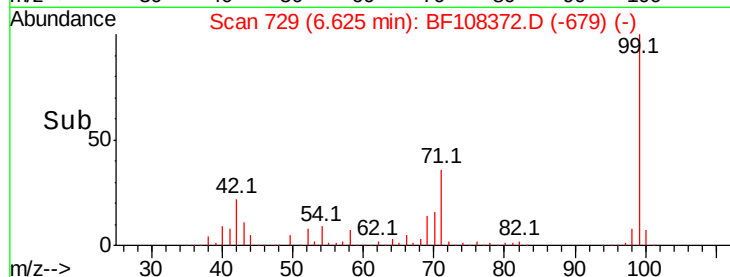
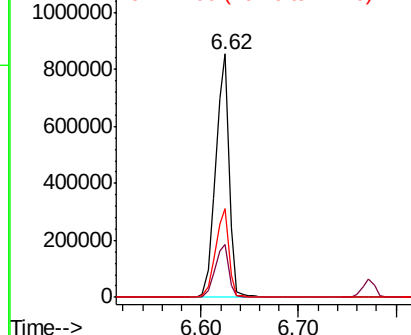
99 100

42 22.0 14.5 21.7#

71 36.3 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.29 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BF108372.D

Acq: 22 Aug 2018 7:35

Tgt Ion: 136 Resp: 572175

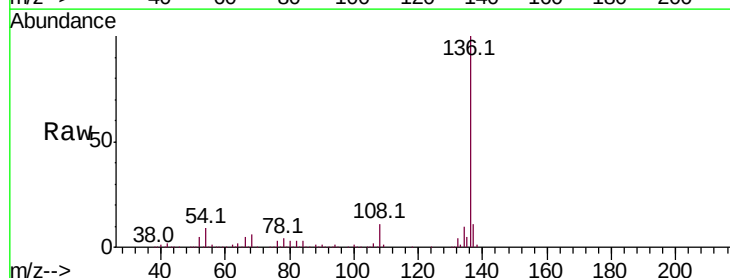
Ion Ratio Lower Upper

136 100

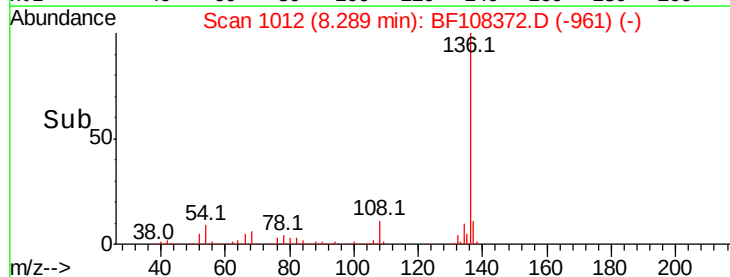
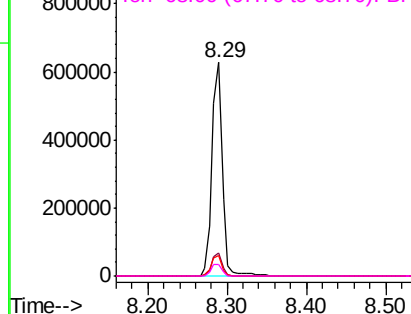
137 10.8 8.9 13.3

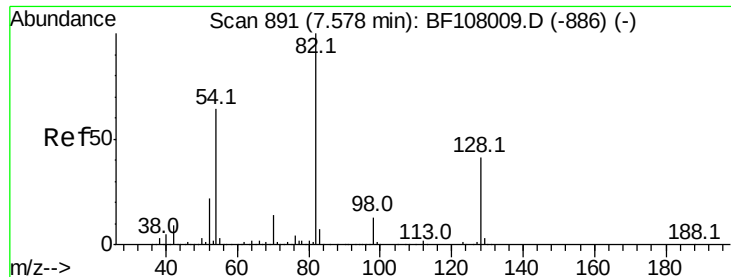
54 9.4 6.6 9.8

68 5.7 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

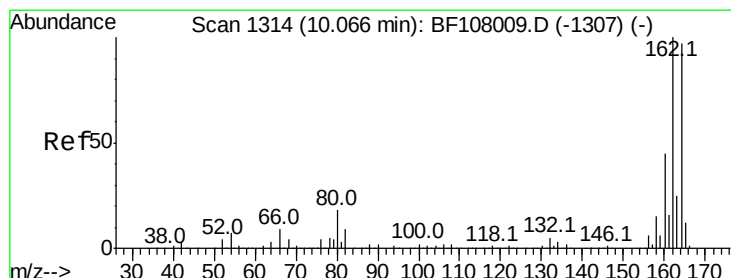
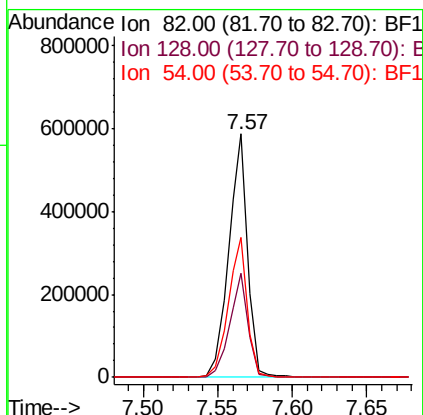
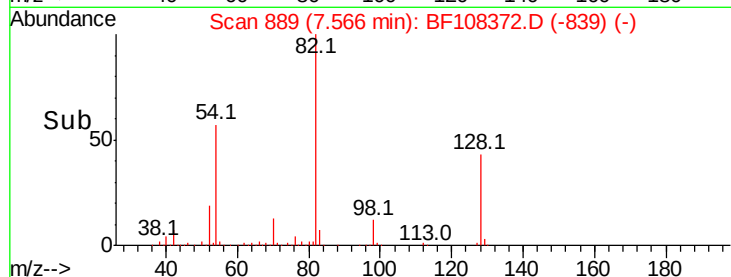
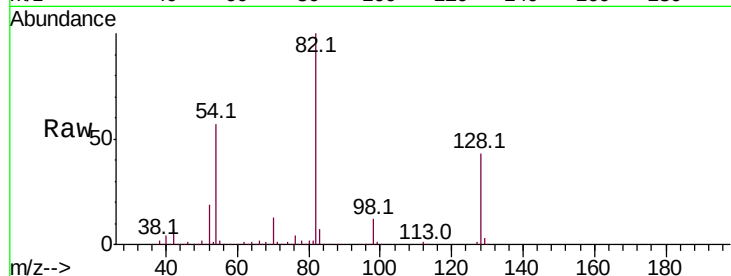




#23
 Nitrobenzene-d5
 Concen: 51.460 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF108372.D
 Acq: 22 Aug 2018 7:35

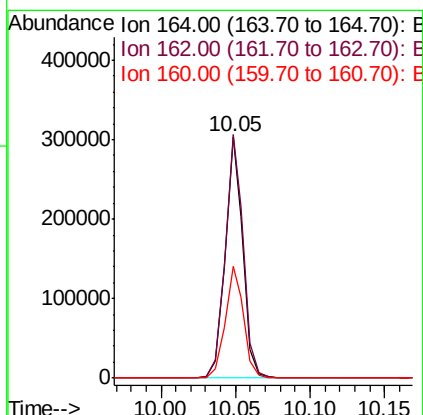
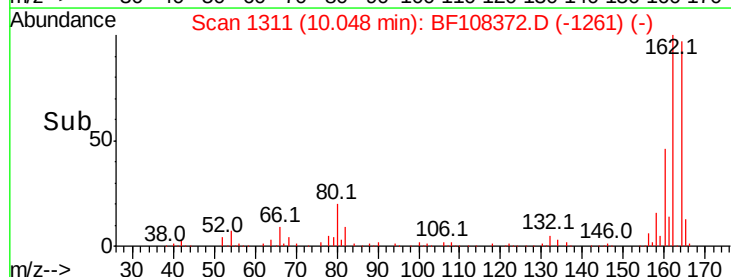
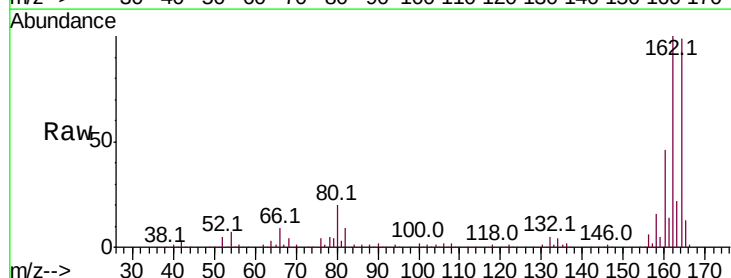
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-024-A

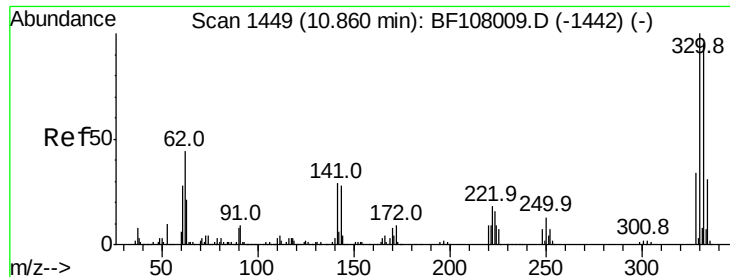
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.0	36.1	54.1
54	57.4	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.05 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF108372.D
 Acq: 22 Aug 2018 7:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	86.1	129.1
160	46.3	38.3	57.5

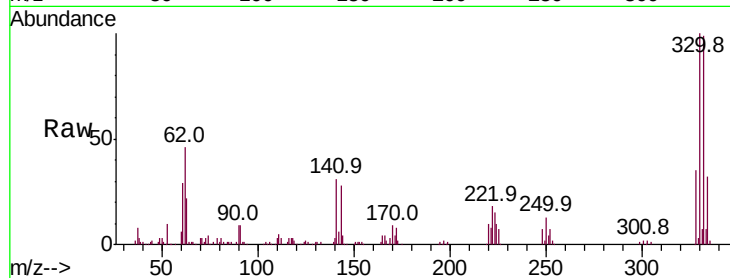




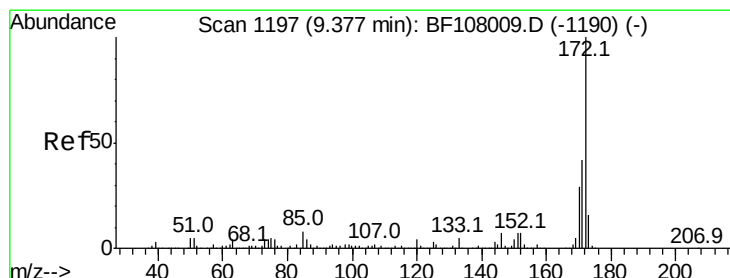
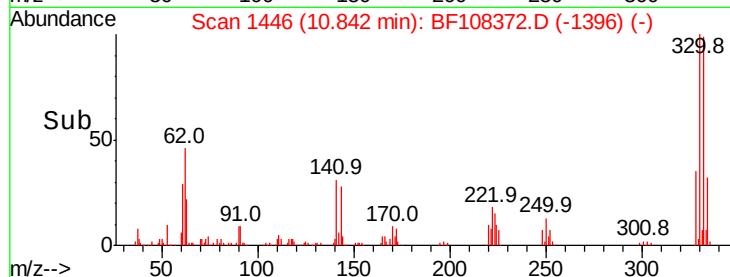
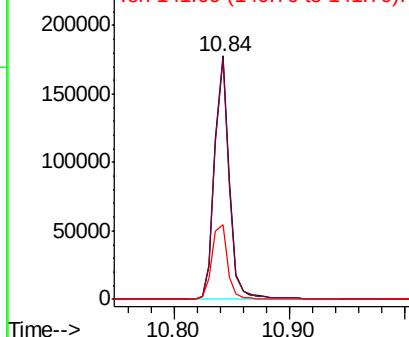
#41
 2,4,6-Tribromophenol
 Concen: 62.641 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108372.D
 Acq: 22 Aug 2018 7:35

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-024-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.0	115.6
141	32.9	29.9	44.9

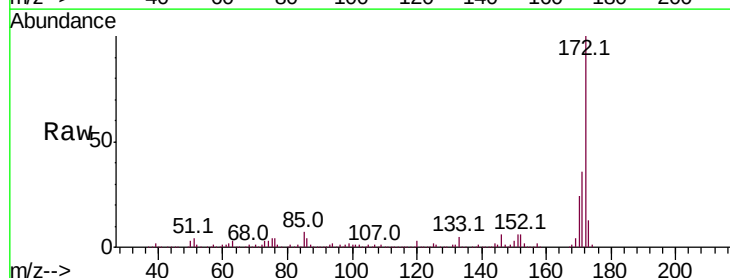


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

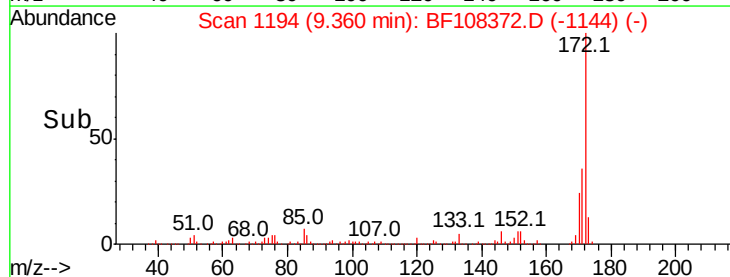
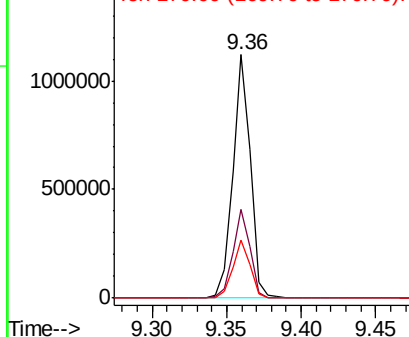


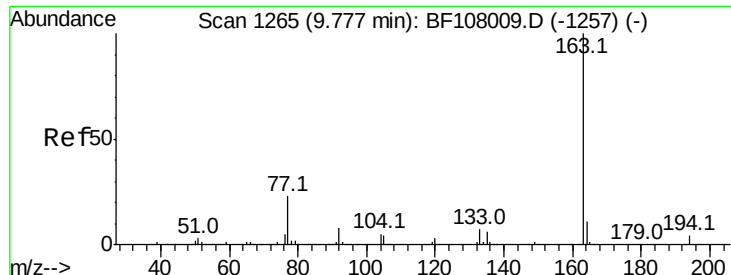
#44
 2-Fluorobiphenyl
 Concen: 59.437 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF108372.D
 Acq: 22 Aug 2018 7:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	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

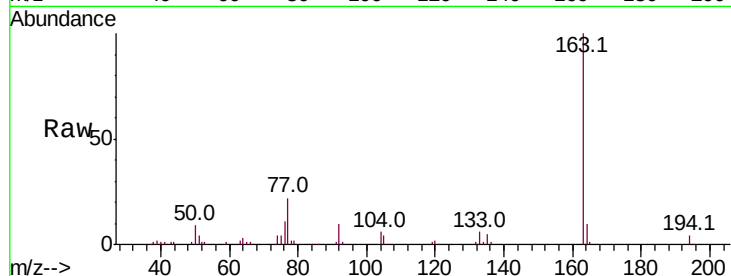




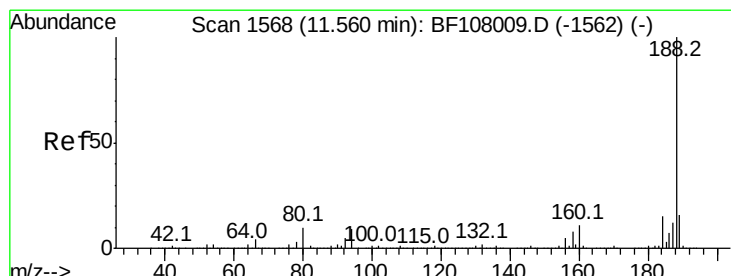
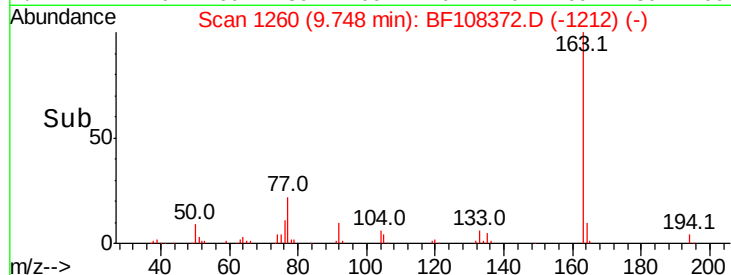
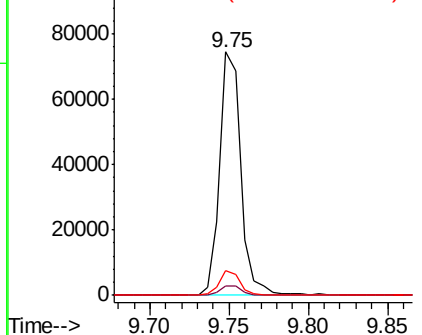
#49
 Dimethylphthalate
 Concen: 3.894 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.02 min
 Lab File: BF108372.D
 Acq: 22 Aug 2018 7:35

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-024-A

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.1	8.2	12.2

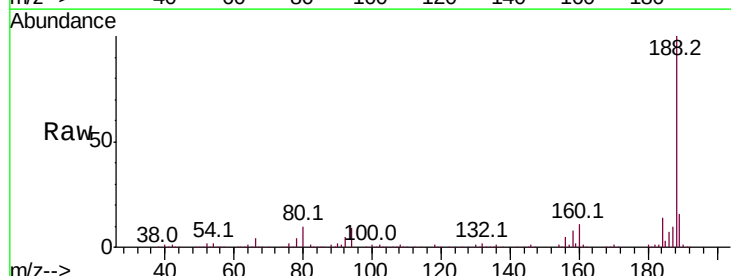


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

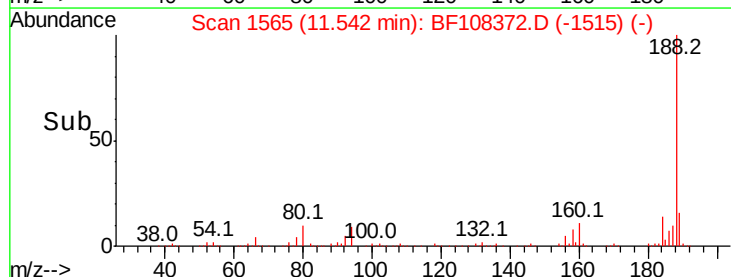
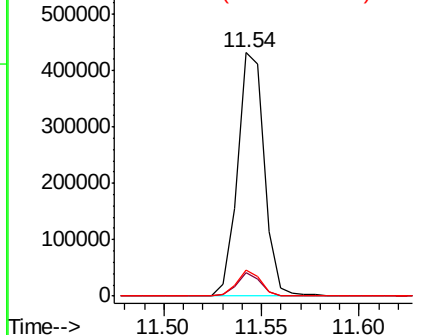


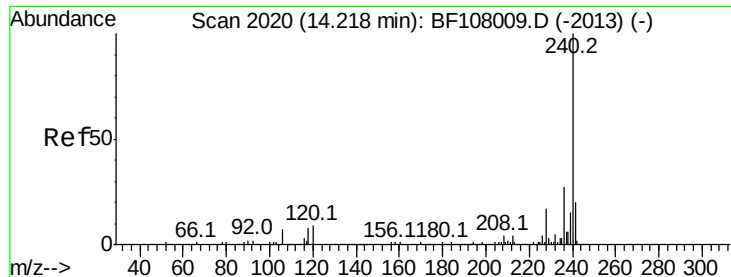
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF108372.D
 Acq: 22 Aug 2018 7:35

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	10.5	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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.20 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BF108372.D

Acq: 22 Aug 2018 7:35

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-024-A

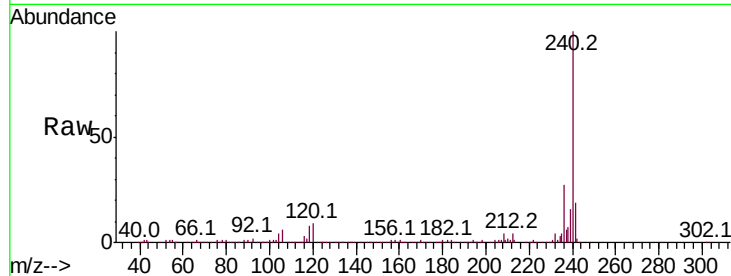
Tot Ion:240 Resp: 345466

Ion Ratio Lower Upper

240 100

120 8.9 9.5 14.3#

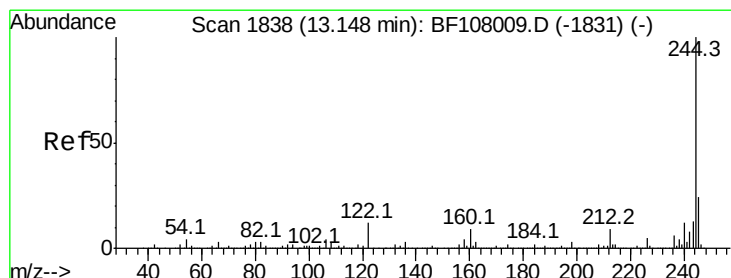
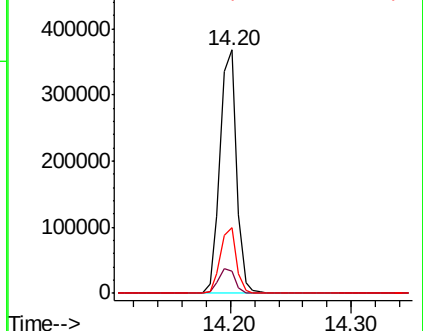
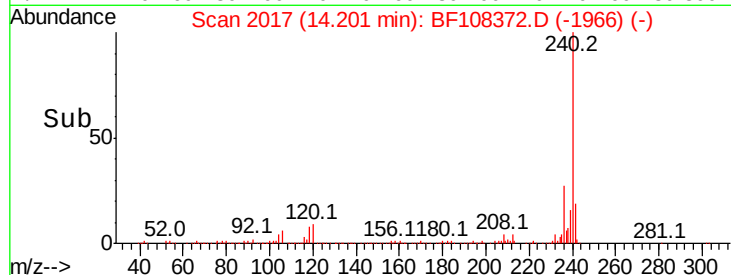
236 27.1 20.7 31.1



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



#78

Terphenyl-d14

Concen: 52.898 ng

RT: 13.13 min Scan# 1835

Delta R.T. -0.00 min

Lab File: BF108372.D

Acq: 22 Aug 2018 7:35

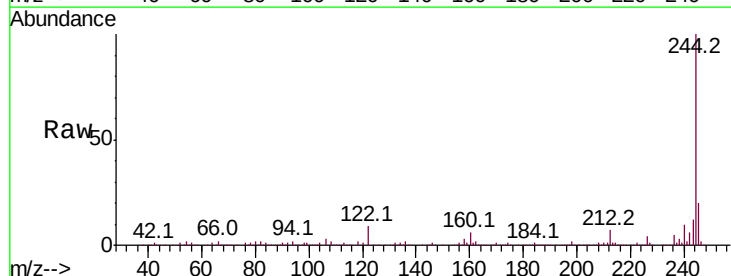
Tgt Ion:244 Resp: 718735

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

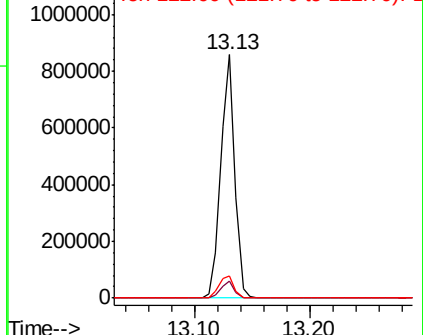
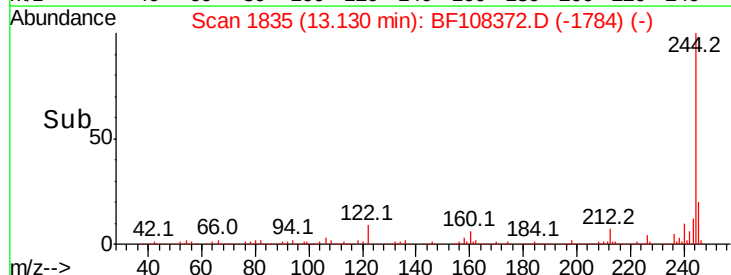
122 9.2 11.0 16.4#

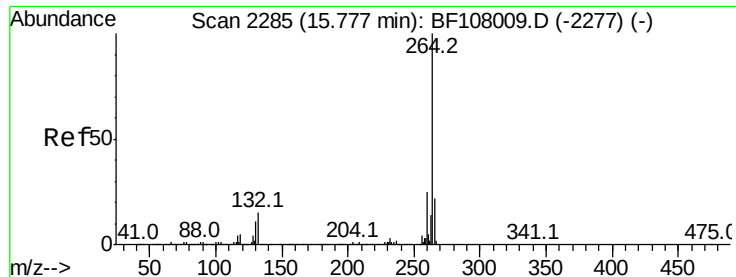


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF108372.D
Acq: 22 Aug 2018 7:35

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-024-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.9	17.5	26.3

