

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
 Data File : BF109053.D
 Acq On : 17 Sep 2018 17:29
 Operator : JU/SJ
 Sample : J4935-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PHASE-1

Quant Time: Sep 17 19:11:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

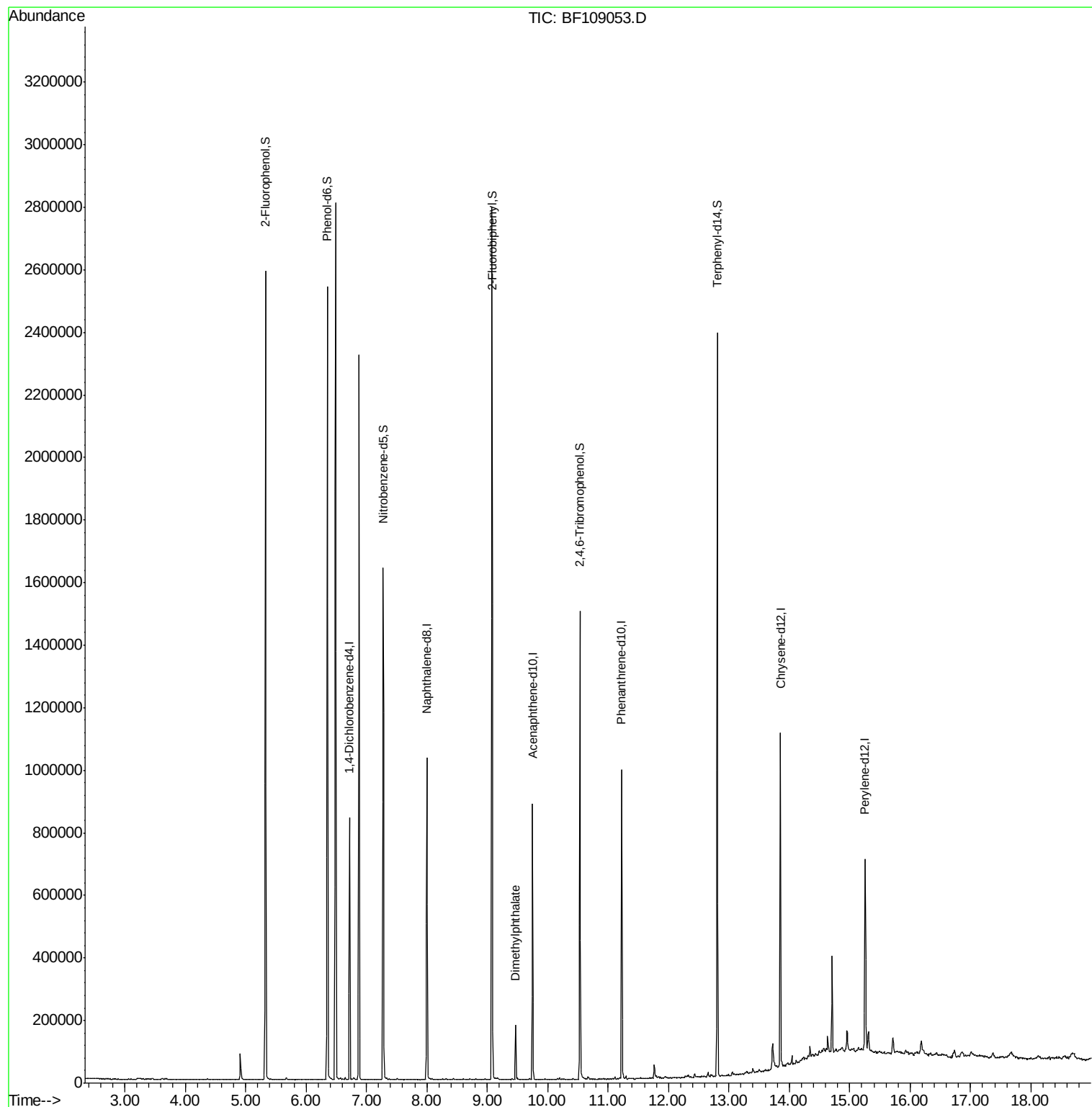
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	122524	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	405515	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	173851	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	347948	20.00	ng	0.00
75) Chrysene-d12	13.85	240	356372	20.00	ng	0.00
86) Perylene-d12	15.25	264	276638	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	703036	95.30	ng	0.00
7) Phenol-d6	6.35	99	852565	89.63	ng	0.00
23) Nitrobenzene-d5	7.28	82	518072	71.66	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	186410	98.80	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	782628	70.53	ng	0.00
78) Terphenyl-d14	12.81	244	835168	55.55	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.47	163	72210	5.811	ng	Qvalue # 98

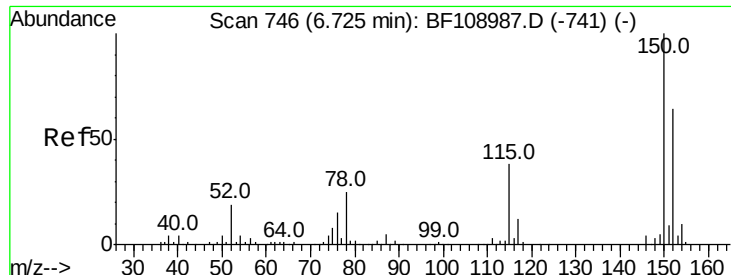
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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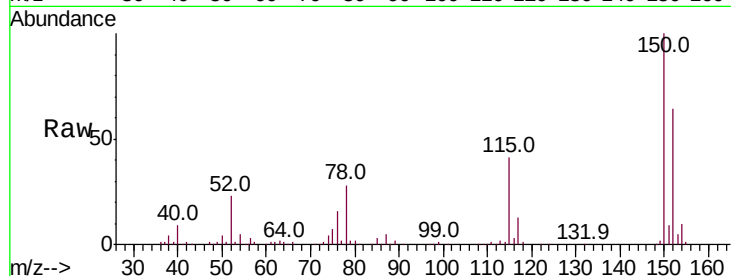


#1

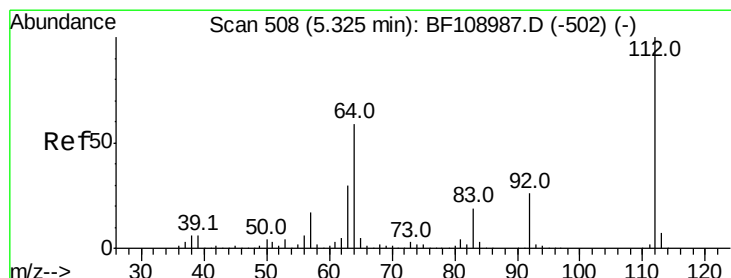
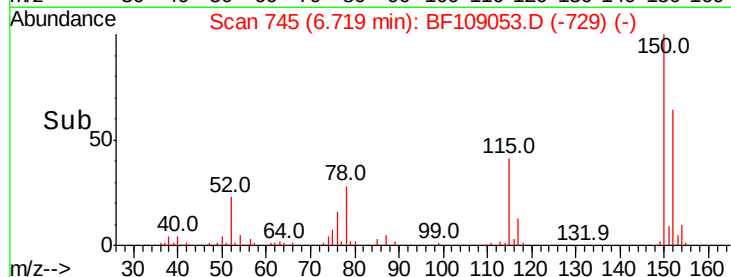
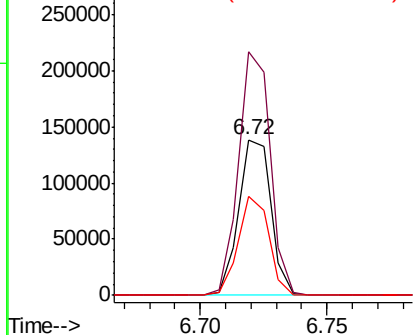
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109053.D
Acq: 17 Sep 2018 17:29

Instrument :
BNA_F
ClientSampled :
PHASE-1

Tot Ion:152 Resp: 122524
Ion Ratio Lower Upper
152 100
150 156.5 124.6 186.8
115 63.7 50.1 75.1



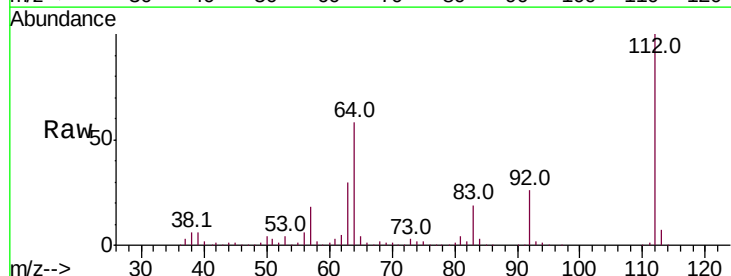
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



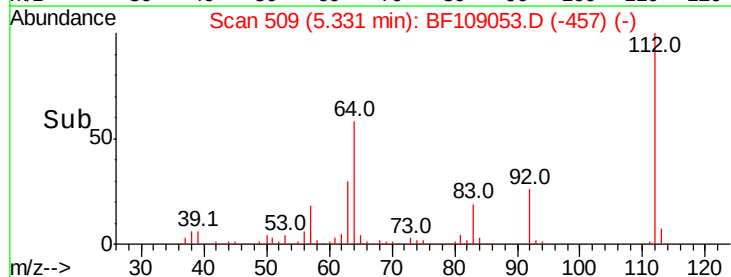
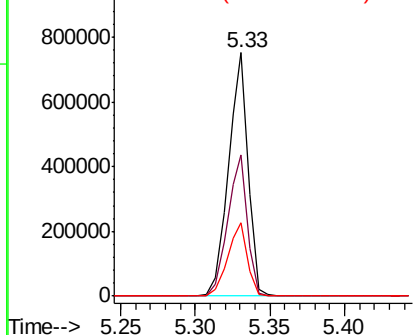
#5

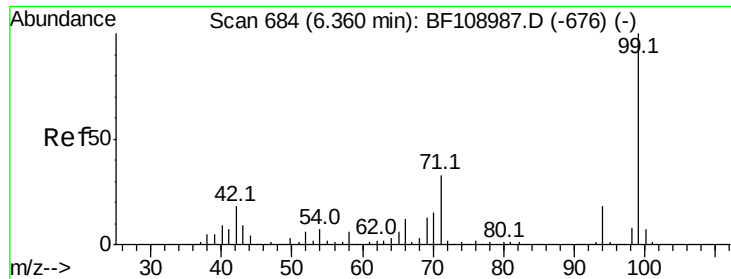
2-Fluorophenol
Concen: 95.301 ng
RT: 5.33 min Scan# 509
Delta R.T. 0.01 min
Lab File: BF109053.D
Acq: 17 Sep 2018 17:29

Tgt Ion:112 Resp: 703036
Ion Ratio Lower Upper
112 100
64 58.2 47.9 71.9
63 30.3 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: 89.627 ng

RT: 6.35 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF109053.D

Acq: 17 Sep 2018 17:29

Instrument :

BNA_F

ClientSampleId :

PHASE-1

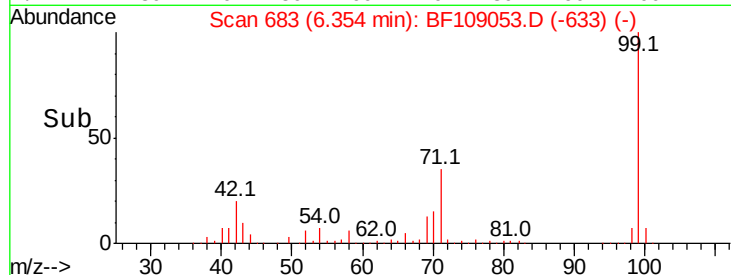
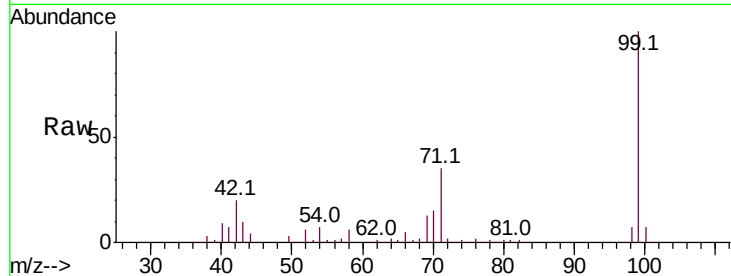
Tot Ion: 99 Resp: 852565

Ion Ratio Lower Upper

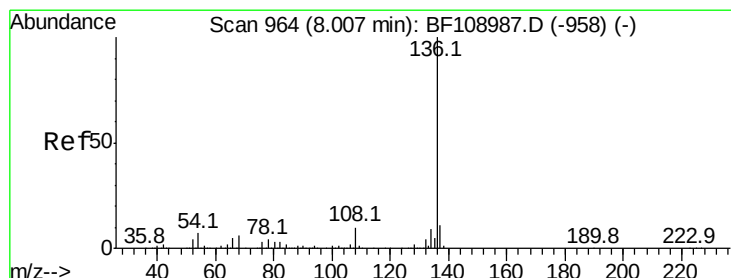
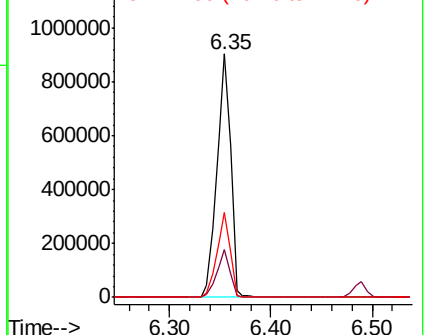
99 100

42 19.5 14.5 21.7

71 34.8 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: 8.00 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF109053.D

Acq: 17 Sep 2018 17:29

Tgt Ion: 136 Resp: 405515

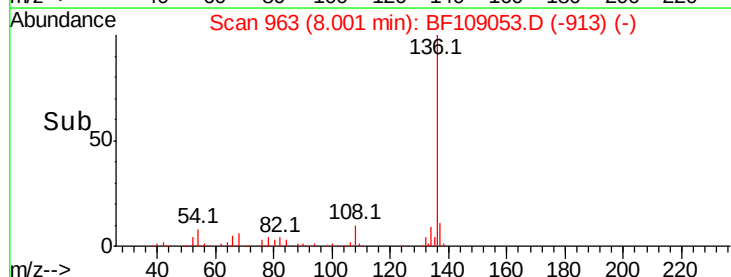
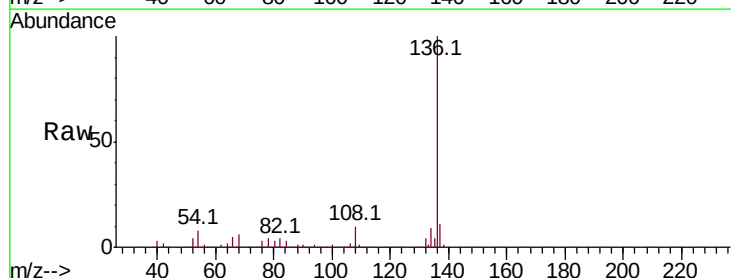
Ion Ratio Lower Upper

136 100

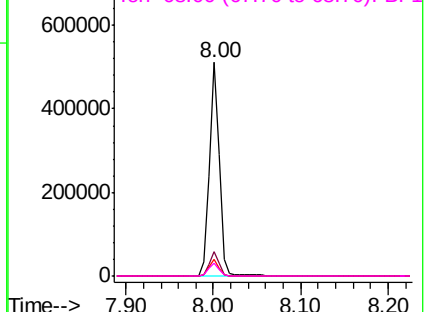
137 11.1 8.9 13.3

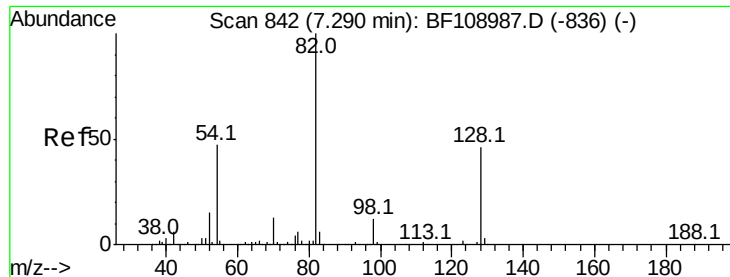
54 7.8 6.6 9.8

68 6.3 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

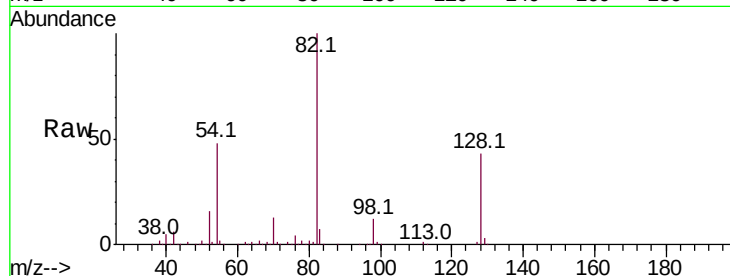




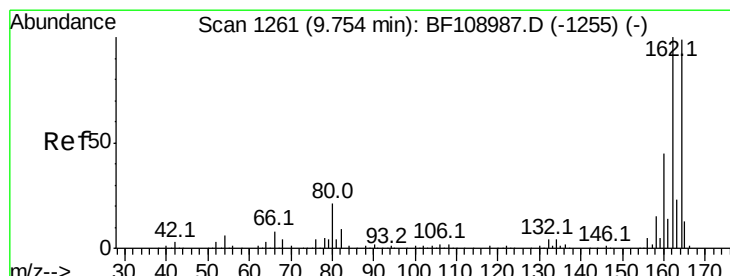
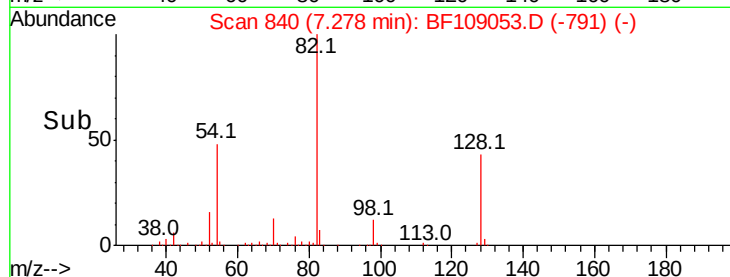
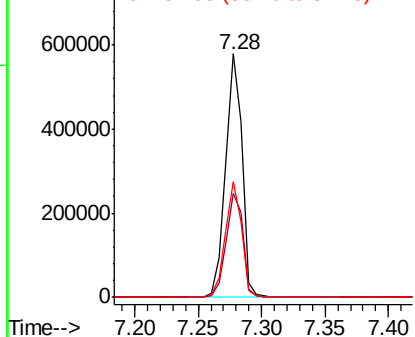
#23
 Nitrobenzene-d5
 Concen: 71.656 ng
 RT: 7.28 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BF109053.D
 Acq: 17 Sep 2018 17:29

Instrument :
 BNA_F
 ClientSampled :
 PHASE-1

Tot Ion: 82 Resp: 518072
 Ion Ratio Lower Upper
 82 100
 128 42.5 36.1 54.1
 54 47.7 41.4 62.2

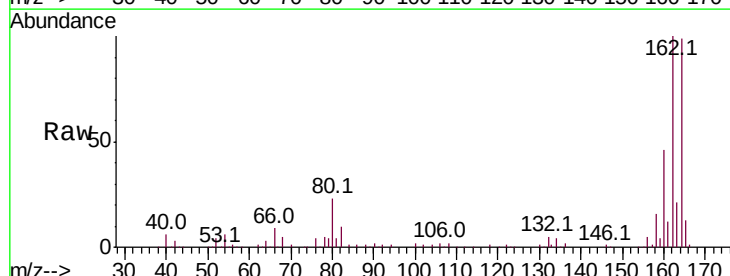


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

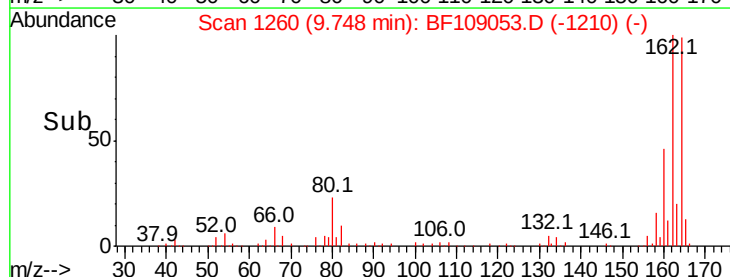
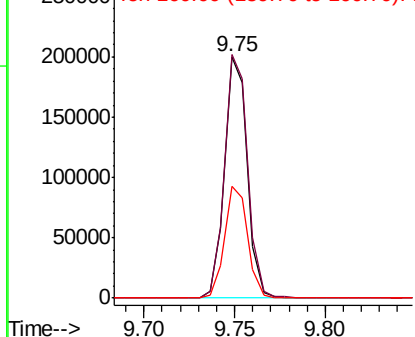


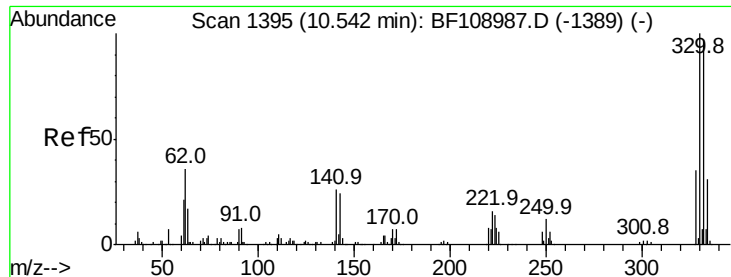
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BF109053.D
 Acq: 17 Sep 2018 17:29

Tgt Ion: 164 Resp: 173851
 Ion Ratio Lower Upper
 164 100
 162 101.0 86.1 129.1
 160 46.6 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

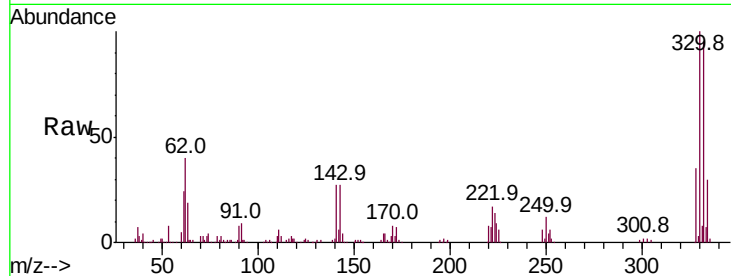




#41
 2,4,6-Tribromophenol
 Concen: 98.800 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109053.D
 Acq: 17 Sep 2018 17:29

Instrument :
 BNA_F
 ClientSampled :
 PHASE-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	32.6	29.9	44.9

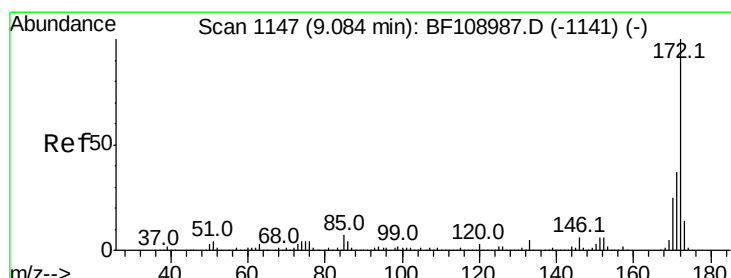
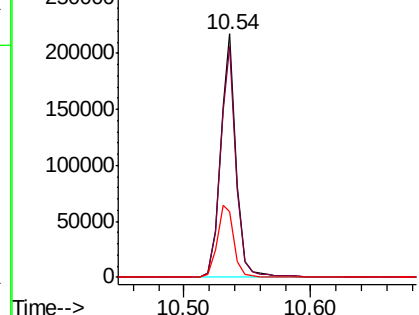
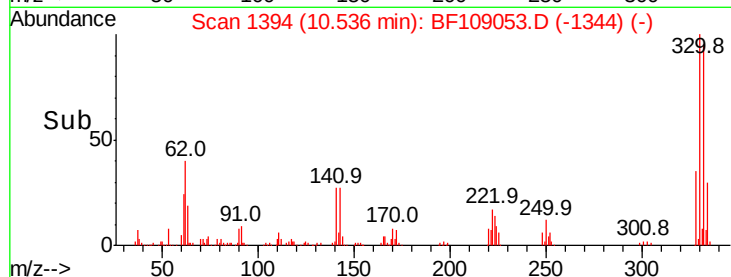


Abundance

Ion 329.80 (329.50 to 330.50): E

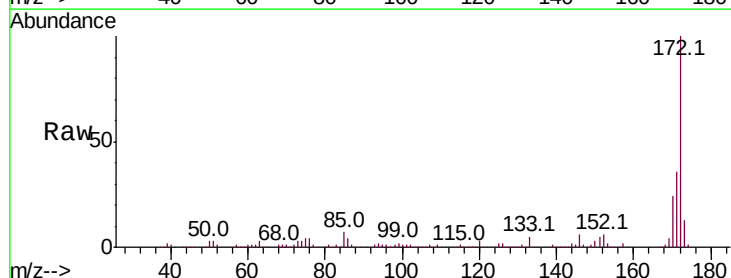
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 70.530 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109053.D
 Acq: 17 Sep 2018 17:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.8	19.6	29.4

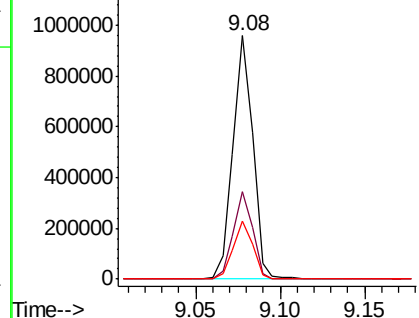
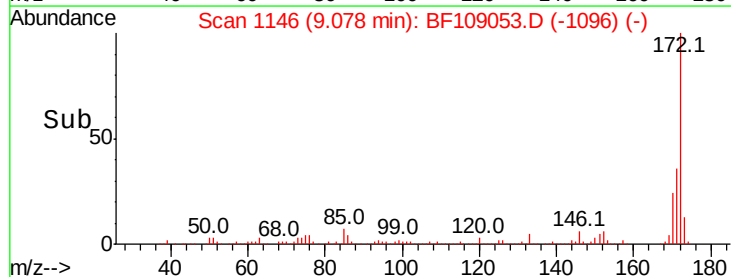


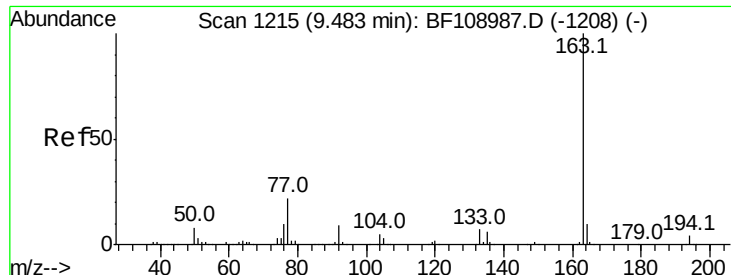
Abundance

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: 5.811 ng

RT: 9.47 min Scan# 1213

Delta R.T. -0.01 min

Lab File: BF109053.D

Acq: 17 Sep 2018 17:29

Instrument :

BNA_F

ClientSampled :

PHASE-1

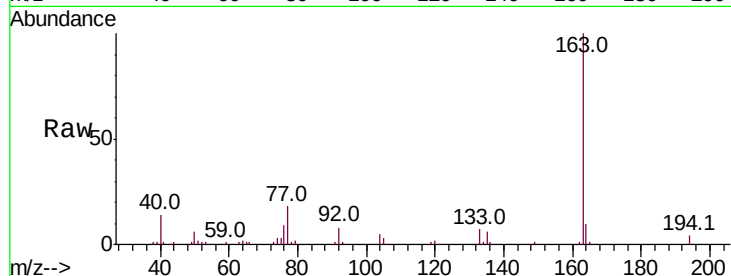
Tot Ion:163 Resp: 72210

Ion Ratio Lower Upper

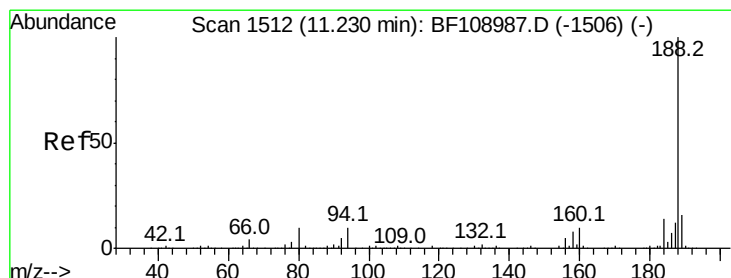
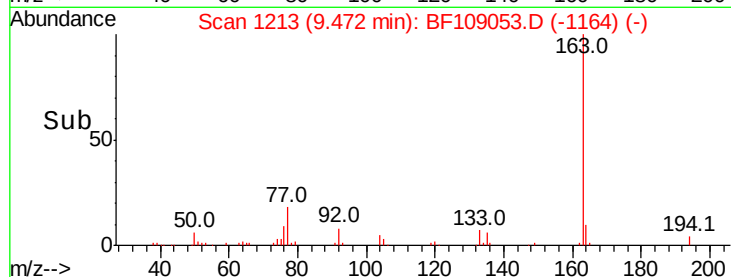
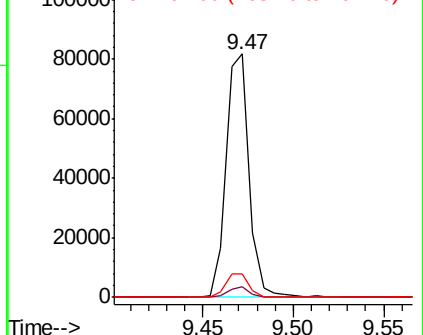
163 100

194 4.2 2.7 4.1#

164 9.7 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# 1511

Delta R.T. -0.01 min

Lab File: BF109053.D

Acq: 17 Sep 2018 17:29

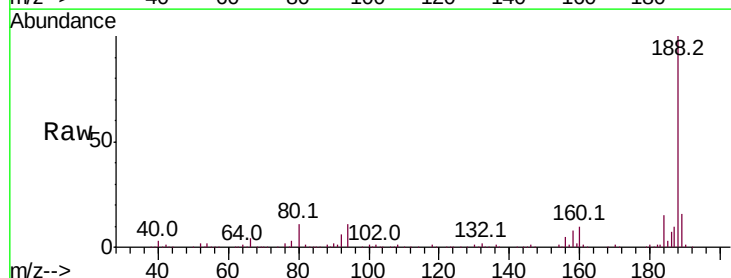
Tgt Ion:188 Resp: 347948

Ion Ratio Lower Upper

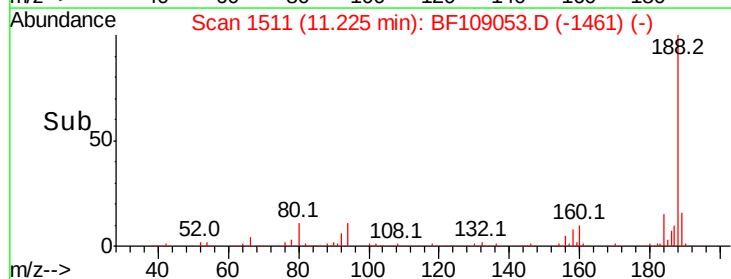
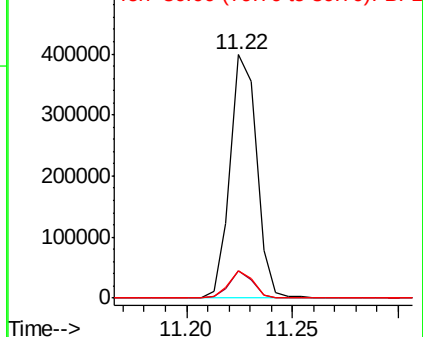
188 100

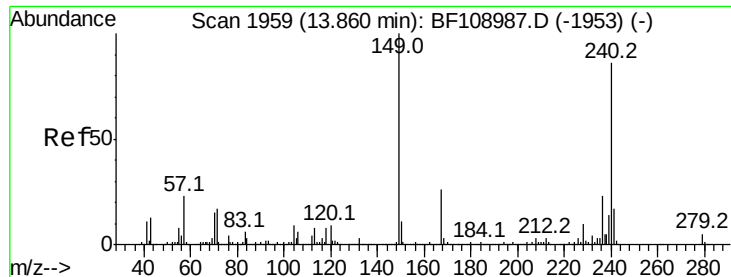
94 11.1 8.5 12.7

80 11.3 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.85 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BF109053.D

Acq: 17 Sep 2018 17:29

Instrument :

BNA_F

ClientSampled :

PHASE-1

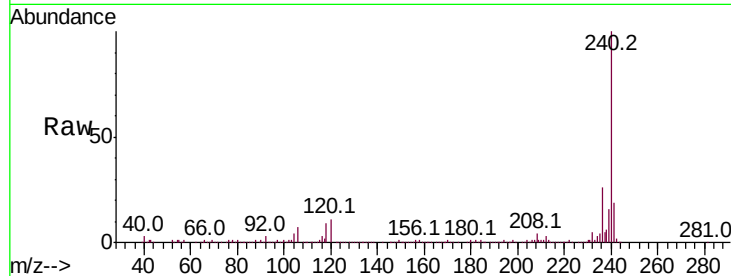
Tot Ion:240 Resp: 356372

Ion Ratio Lower Upper

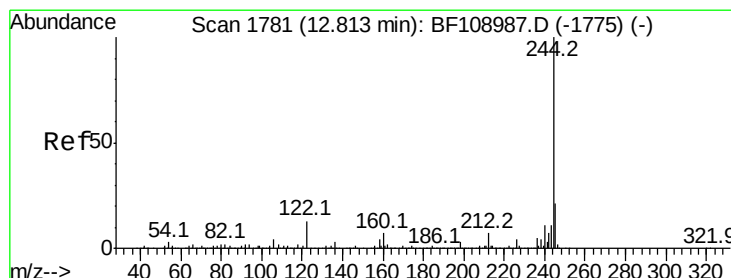
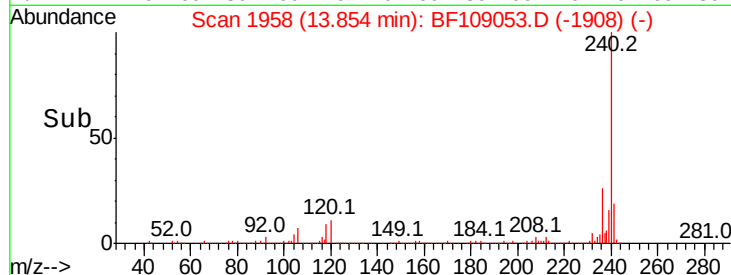
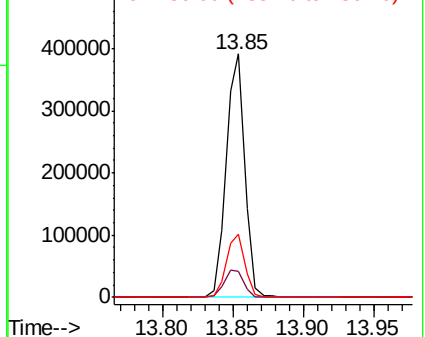
240 100

120 10.6 9.5 14.3

236 26.1 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: 55.548 ng

RT: 12.81 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BF109053.D

Acq: 17 Sep 2018 17:29

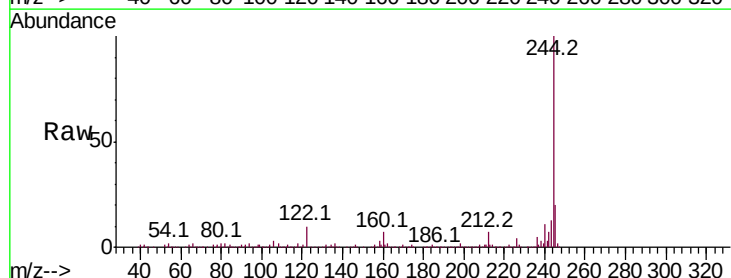
Tgt Ion:244 Resp: 835168

Ion Ratio Lower Upper

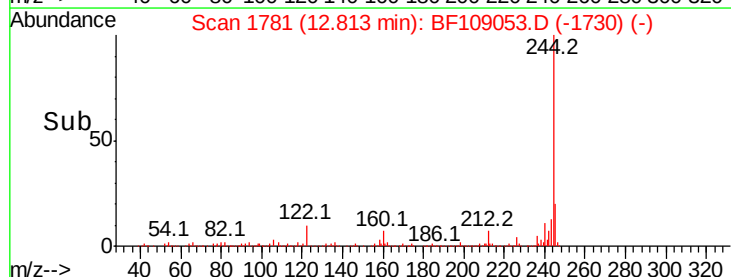
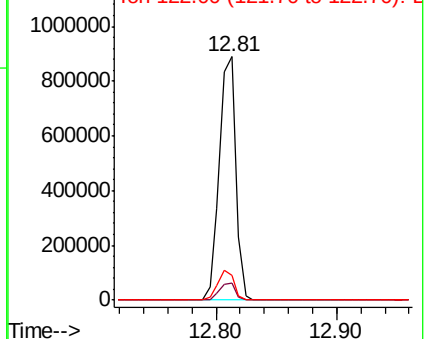
244 100

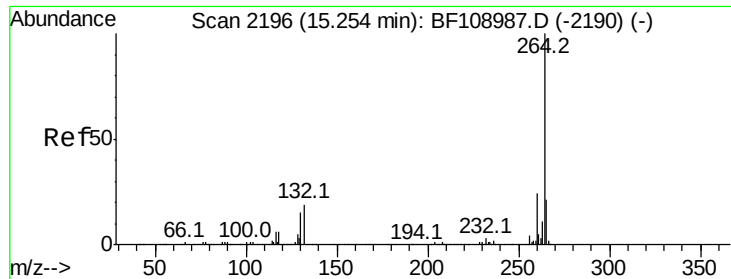
212 6.9 5.4 8.0

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
Pervlene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BF109053.D
Acq: 17 Sep 2018 17:29

Instrument :
BNA_F
ClientSampleId :
PHASE-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.8	17.5	26.3

