

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
 Data File : BF109336.D
 Acq On : 26 Sep 2018 15:09
 Operator : JU/SJ
 Sample : J5069-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SLUDGE-B

Quant Time: Sep 26 18:54:16 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

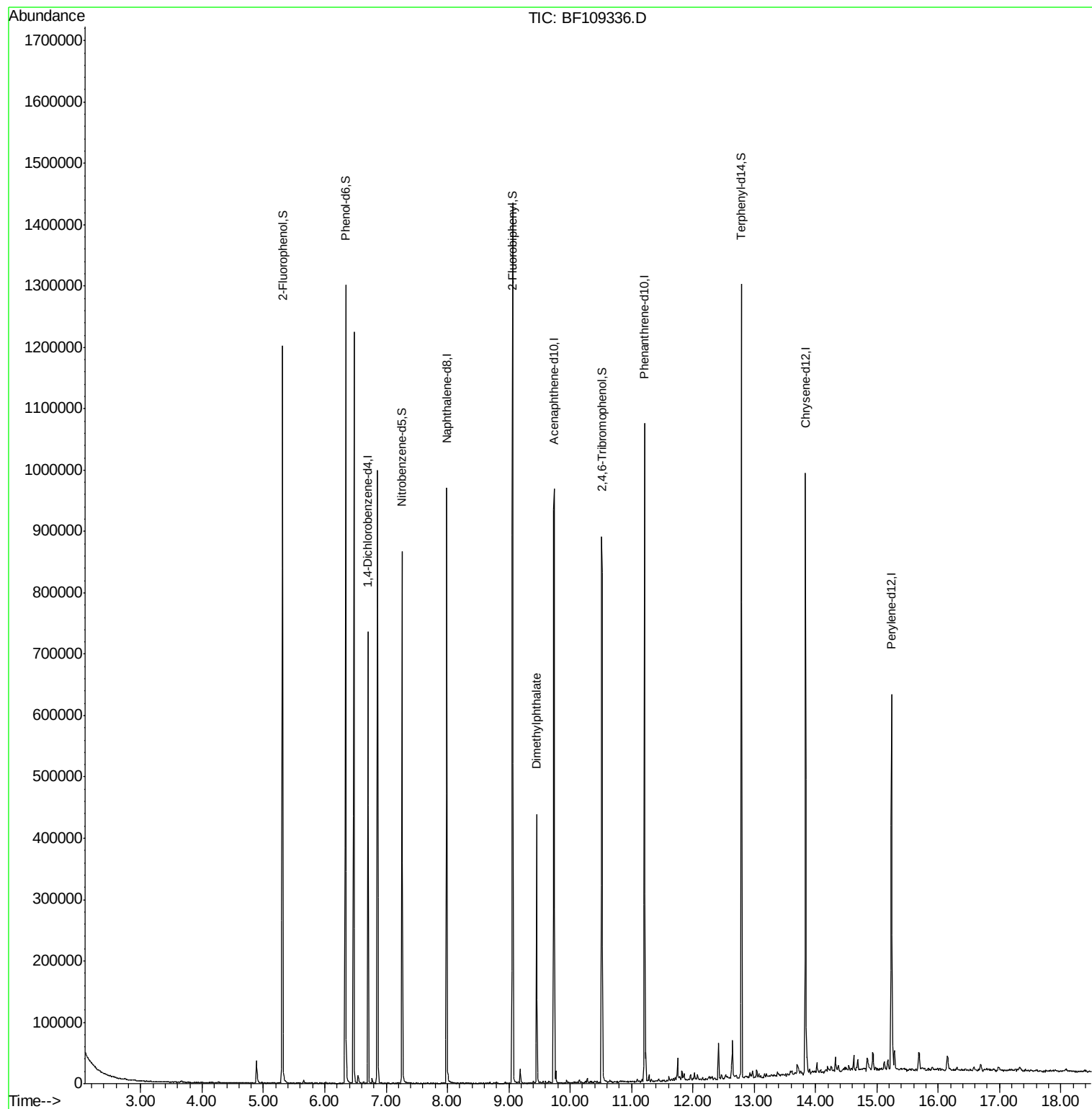
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	99096	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	389371	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	193093	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	388468	20.00	ng	0.00
75) Chrysene-d12	13.84	240	301403	20.00	ng	0.00
86) Perylene-d12	15.24	264	277435	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	313337	52.08	ng	0.00
7) Phenol-d6	6.34	99	403864	52.61	ng	-0.02
23) Nitrobenzene-d5	7.26	82	247333	37.50	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	110237	57.91	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	394672	30.83	ng	-0.01
78) Terphenyl-d14	12.79	244	391400	31.87	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.46	163	163829	11.665	ng	99

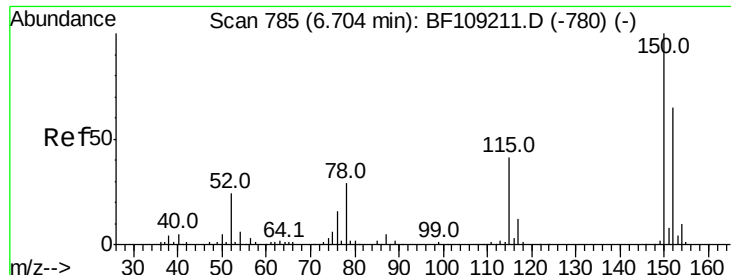
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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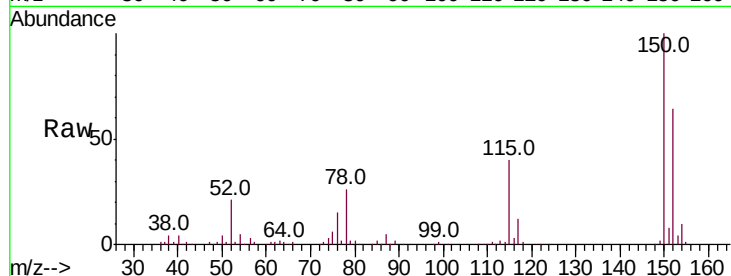


#1

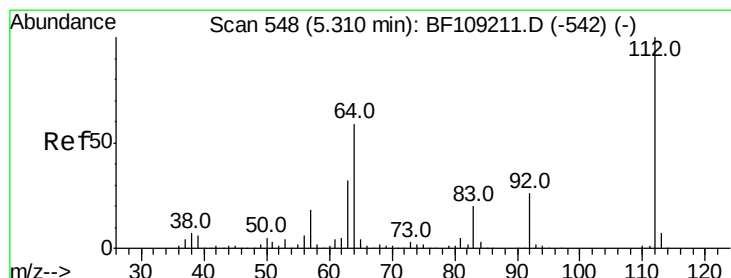
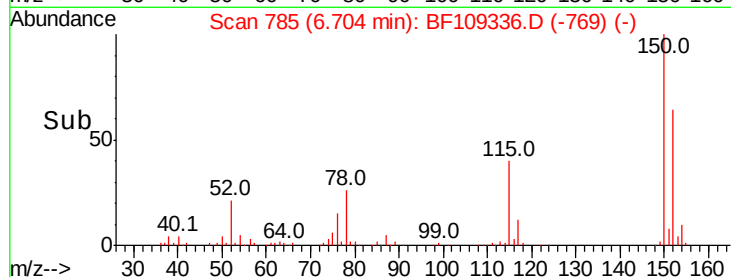
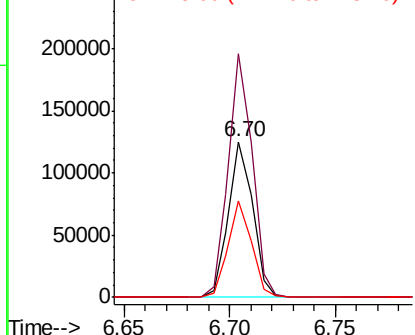
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109336.D
Acq: 26 Sep 2018 15:09

Instrument :
BNA_F
ClientSampled :
SLUDGE-B

Tot Ion:152 Resp: 99096
Ion Ratio Lower Upper
152 100
150 156.7 124.6 186.8
115 62.3 50.1 75.1



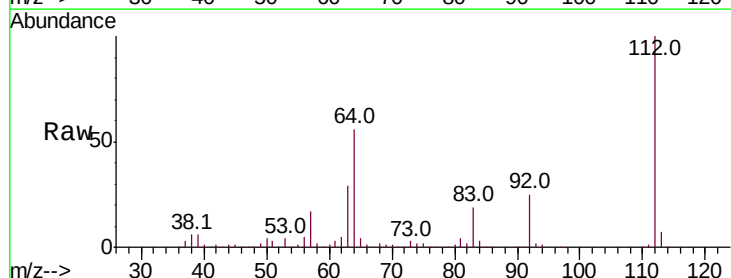
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



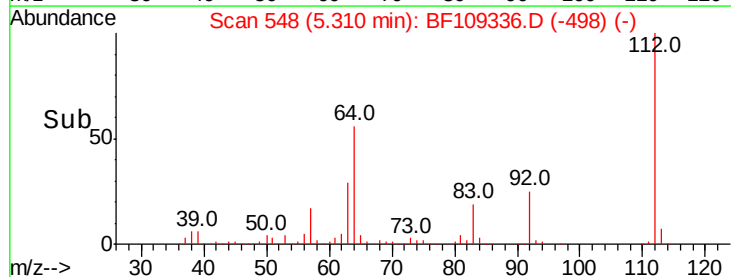
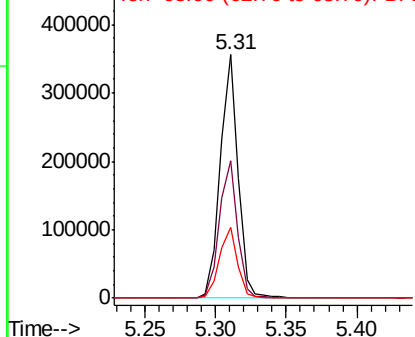
#5

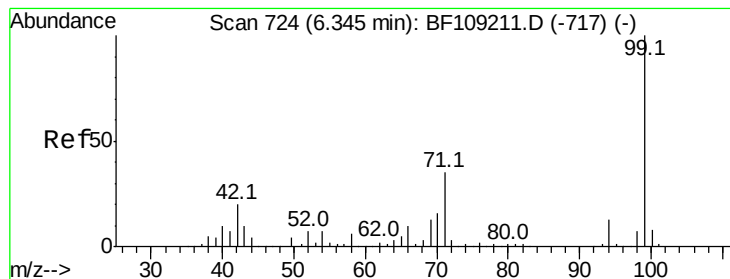
2-Fluorophenol
Concen: 52.080 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109336.D
Acq: 26 Sep 2018 15:09

Tgt Ion:112 Resp: 313337
Ion Ratio Lower Upper
112 100
64 56.4 47.9 71.9
63 29.3 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: 52.605 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109336.D

Acq: 26 Sep 2018 15:09

Instrument :

BNA_F

ClientSampleId :

SLUDGE-B

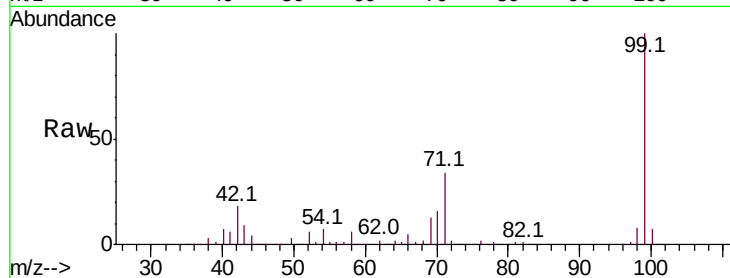
Tot Ion: 99 Resp: 403864

Ion Ratio Lower Upper

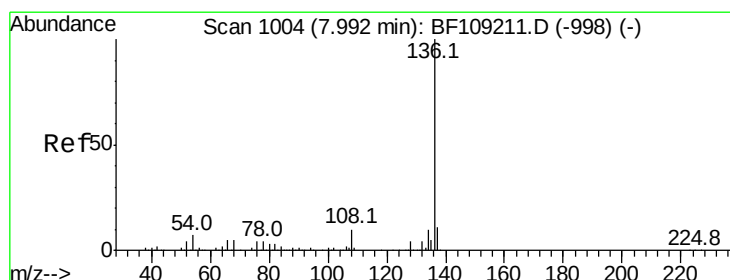
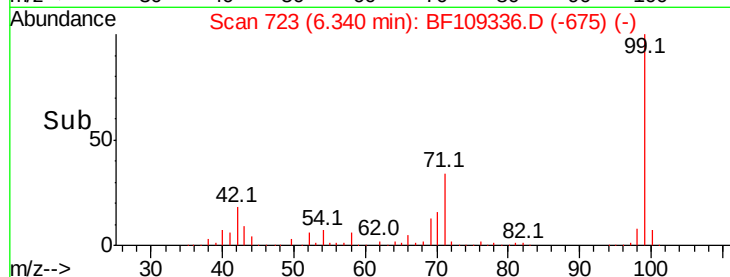
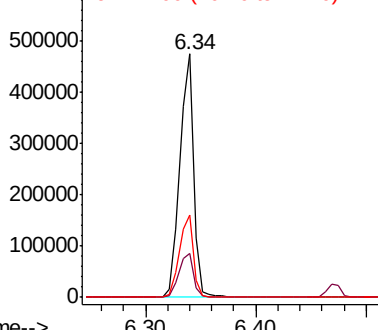
99 100

42 18.1 14.5 21.7

71 33.7 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: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109336.D

Acq: 26 Sep 2018 15:09

Tgt Ion: 136 Resp: 389371

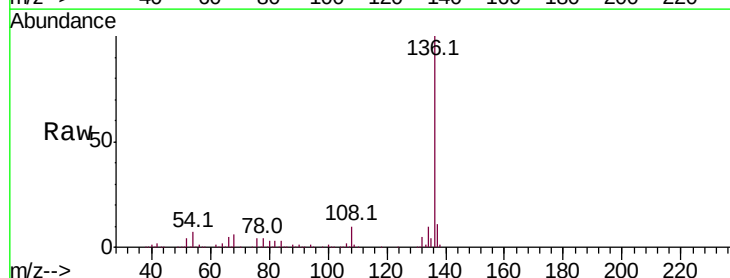
Ion Ratio Lower Upper

136 100

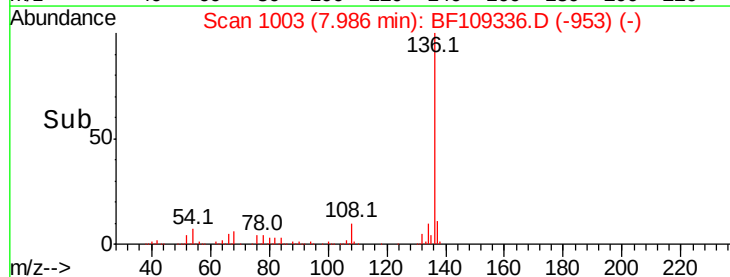
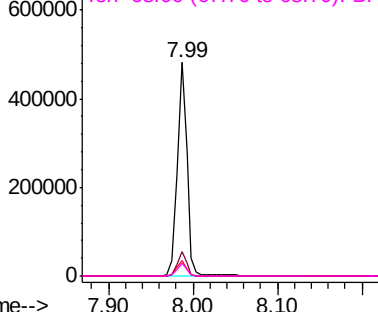
137 11.1 8.9 13.3

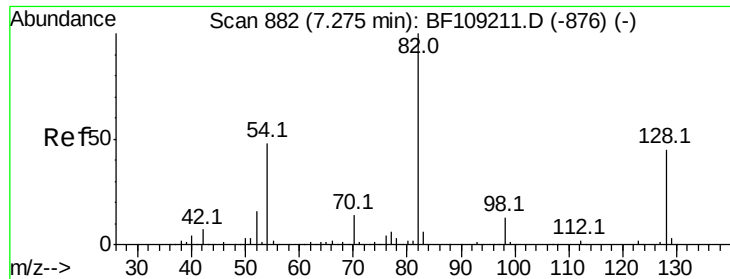
54 7.4 6.6 9.8

68 6.0 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

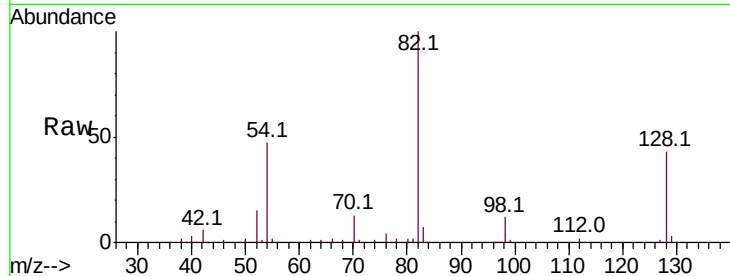




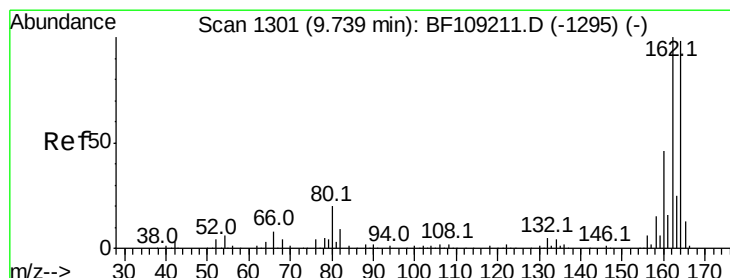
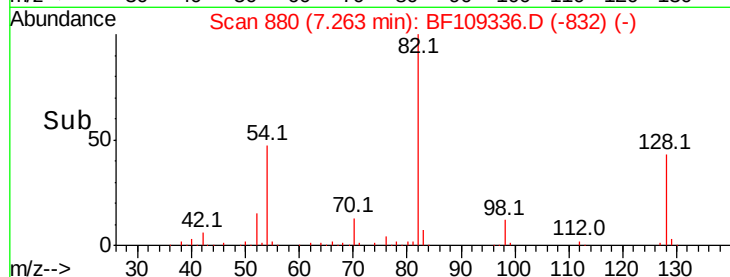
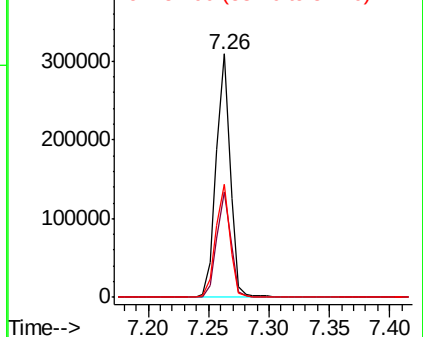
#23
 Nitrobenzene-d5
 Concen: 37.498 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF109336.D
 Acq: 26 Sep 2018 15:09

Instrument :
 BNA_F
 ClientSampleId :
 SLUDGE-B

Tot Ion	82	Resp	247333
Ion Ratio	Lower	Upper	
82	100		
128	43.1	36.1	54.1
54	46.7	41.4	62.2

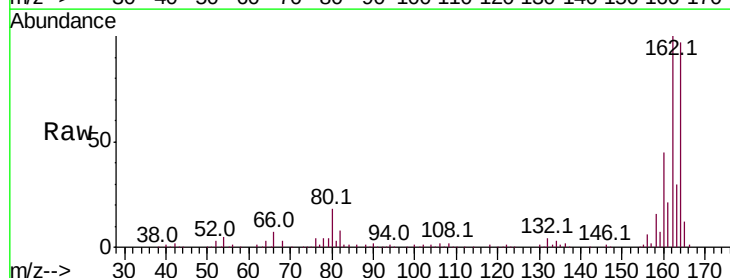


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

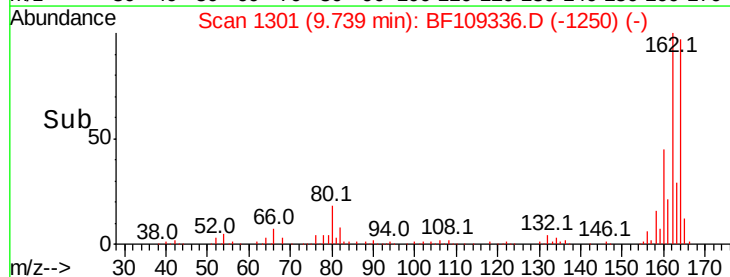
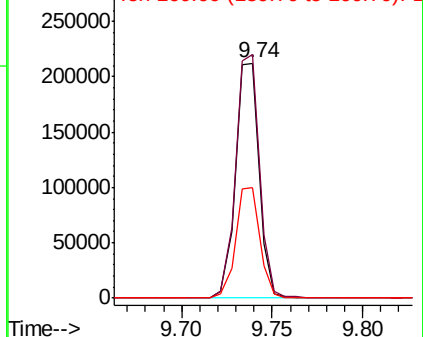


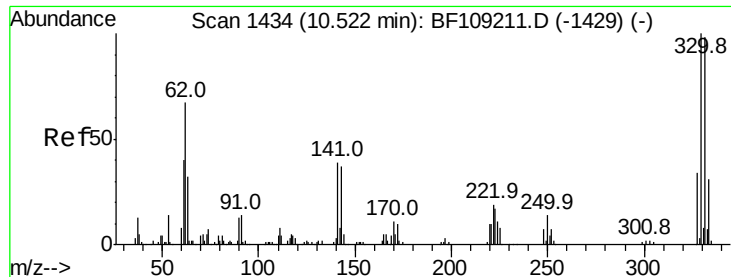
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF109336.D
 Acq: 26 Sep 2018 15:09

Tgt Ion	164	Resp	193093
Ion Ratio	Lower	Upper	
164	100		
162	103.6	86.1	129.1
160	46.8	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

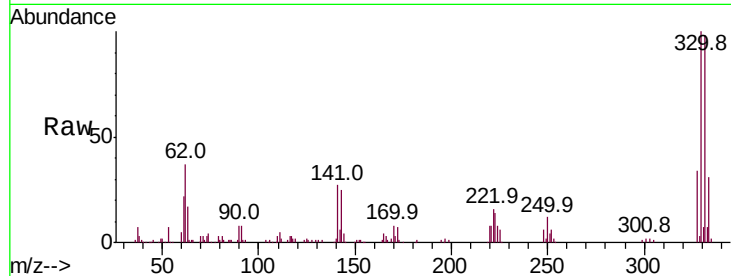




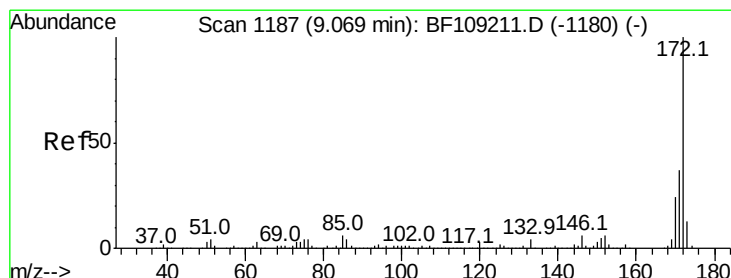
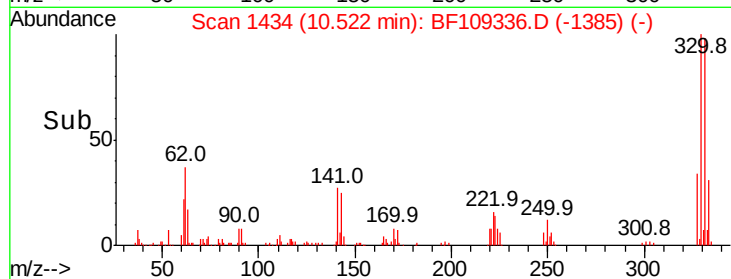
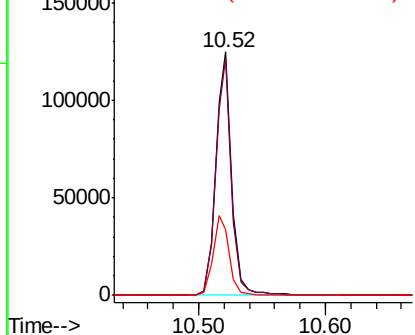
#41
 2,4,6-Tribromophenol
 Concen: 57.913 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109336.D
 Acq: 26 Sep 2018 15:09

Instrument :
 BNA_F
 ClientSampleId :
 SLUDGE-B

Tot Ion:330 Resp: 110237
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 33.3 29.9 44.9

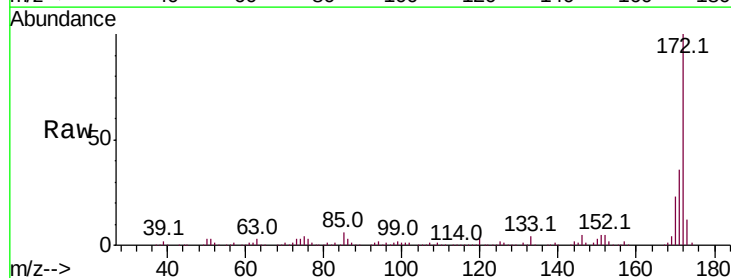


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

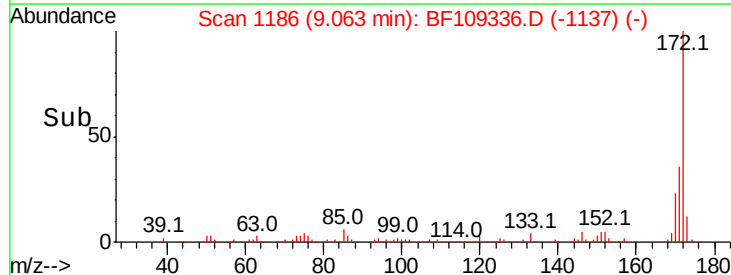
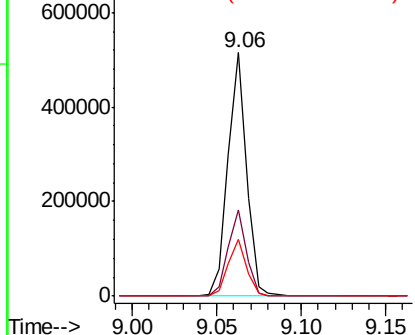


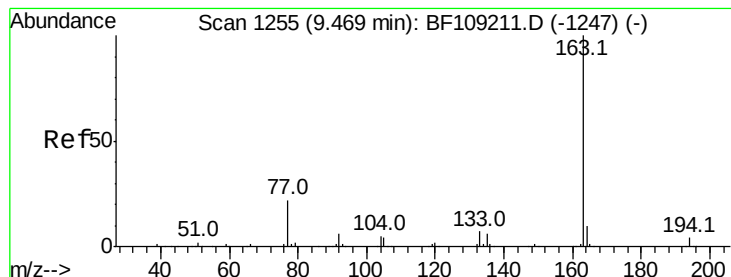
#44
 2-Fluorobiphenyl
 Concen: 30.827 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109336.D
 Acq: 26 Sep 2018 15:09

Tgt Ion:172 Resp: 394672
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.7 44.5
 170 23.3 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: 11.665 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF109336.D

Acq: 26 Sep 2018 15:09

Instrument :

BNA_F

ClientSampled :

SLUDGE-B

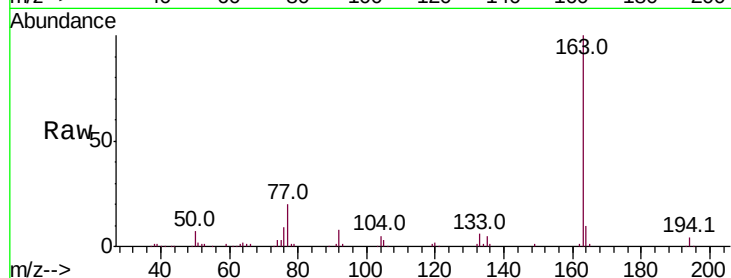
Tot Ion:163 Resp: 163829

Ion Ratio Lower Upper

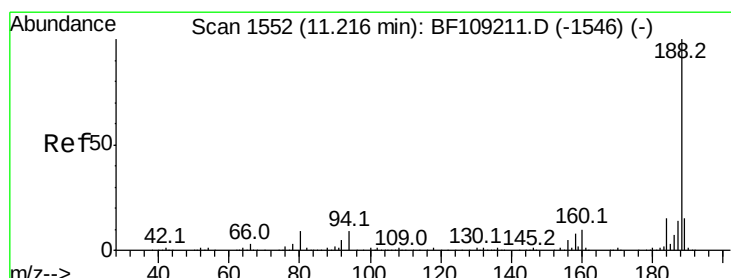
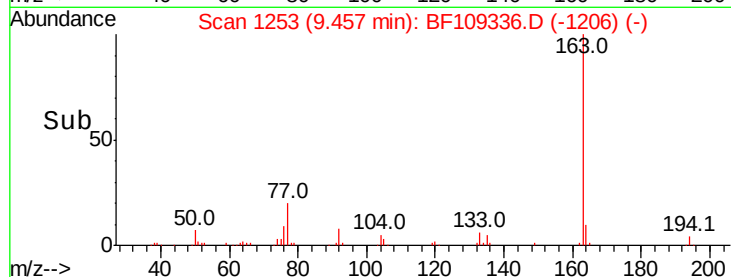
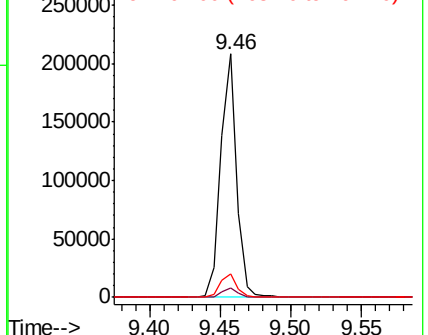
163 100

194 4.0 2.7 4.1

164 9.8 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: BF109336.D

Acq: 26 Sep 2018 15:09

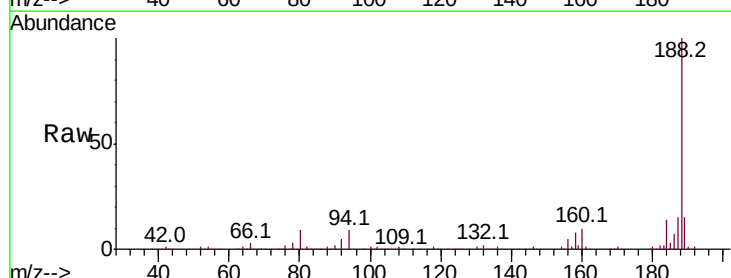
Tgt Ion:188 Resp: 388468

Ion Ratio Lower Upper

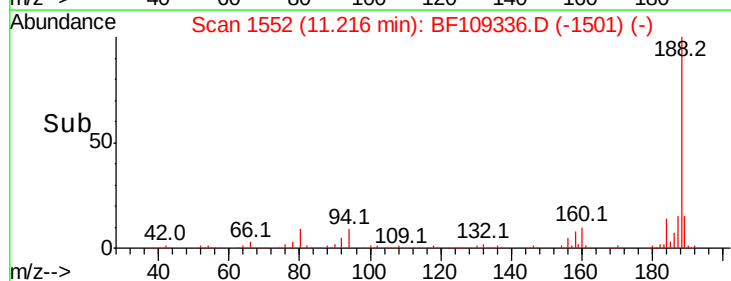
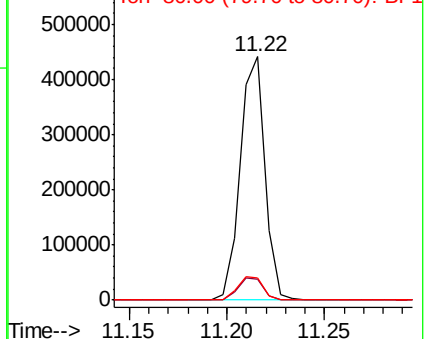
188 100

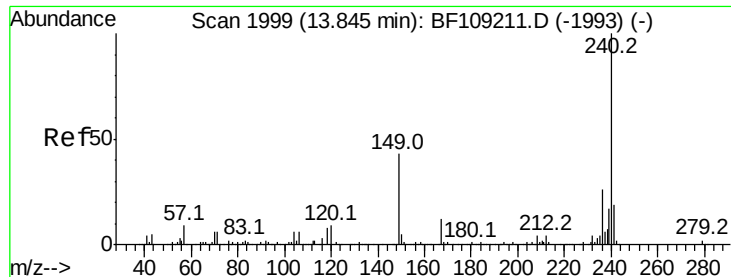
94 8.8 8.5 12.7

80 9.2 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: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF109336.D

Acq: 26 Sep 2018 15:09

Instrument :

BNA_F

ClientSampleId :

SLUDGE-B

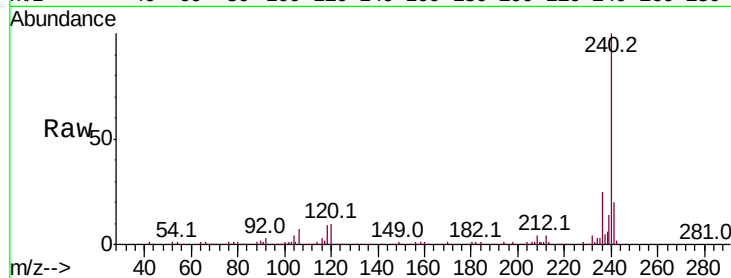
Tot Ion:240 Resp: 301403

Ion Ratio Lower Upper

240 100

120 10.4 9.5 14.3

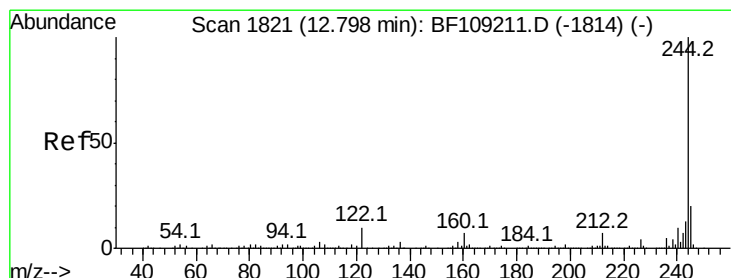
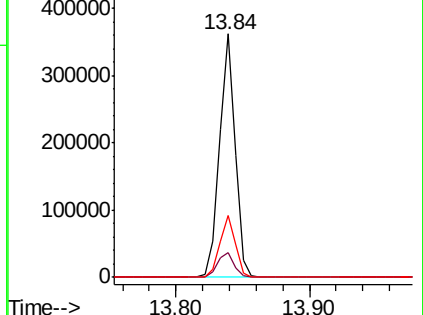
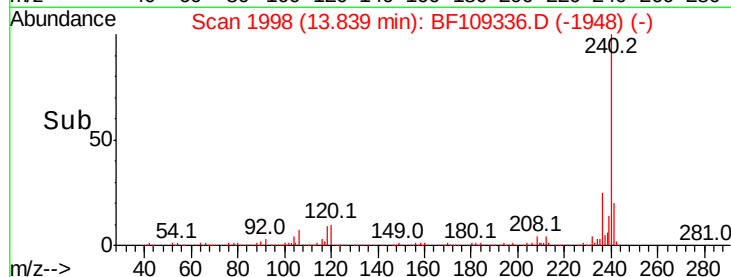
236 25.3 20.7 31.1



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: 31.870 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF109336.D

Acq: 26 Sep 2018 15:09

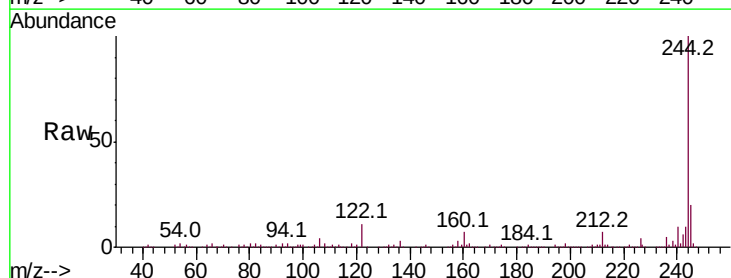
Tgt Ion:244 Resp: 391400

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

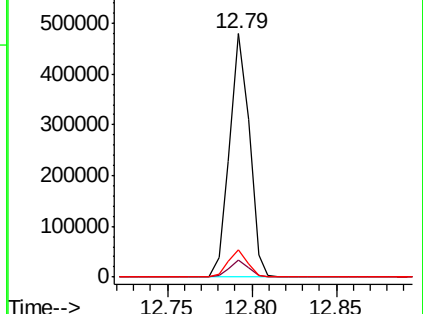
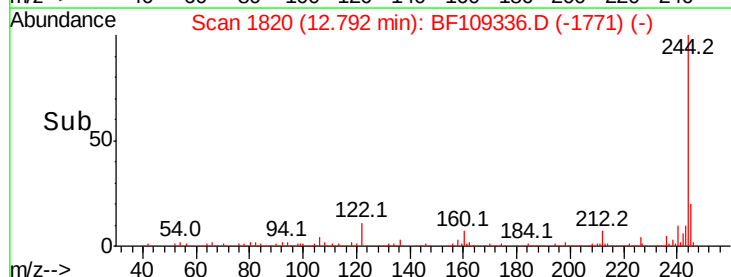
122 11.1 11.0 16.4

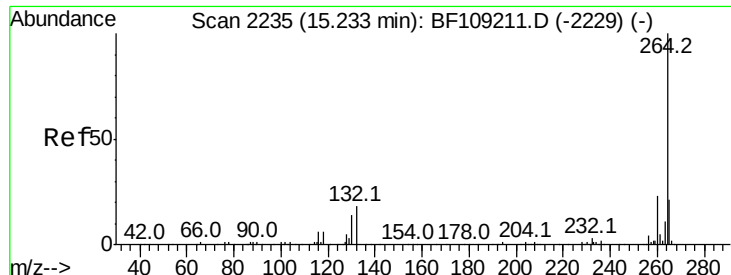


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF109336.D
Acq: 26 Sep 2018 15:09

Instrument :
BNA_F
ClientSampleId :
SLUDGE-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.5	17.5	26.3

