

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050617\
 Data File : BM009948.D
 Acq On : 06 May 2017 19:03
 Operator : SJ/MA
 Sample : I3013-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 08 05:43:42 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM050517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 05 14:52:12 2017
 Response via : Initial Calibration

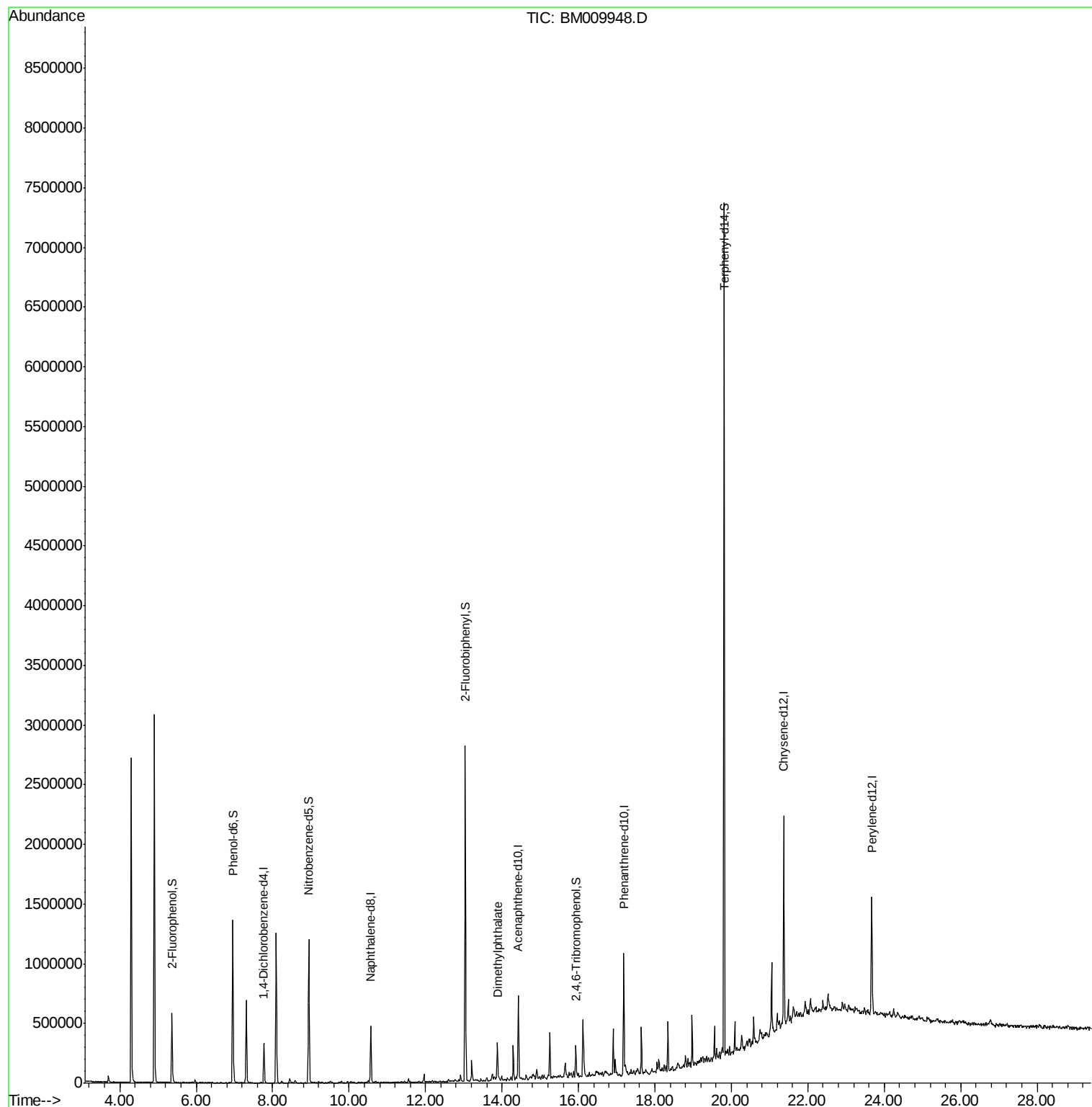
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	70485	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	301574	20.00	ng	-0.01
38) Acenaphthene-d10	14.43	164	189577	20.00	ng	-0.01
63) Phenanthrene-d10	17.19	188	510522	20.00	ng	-0.01
75) Chrysene-d12	21.37	240	740463	20.00	ng	-0.01
86) Perylene-d12	23.67	264	672680	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	178066	40.22	ng	0.00
7) Phenol-d6	6.96	99	584780	86.17	ng	-0.01
23) Nitrobenzene-d5	8.95	82	638674	76.64	ng	-0.01
41) 2,4,6-Tribromophenol	15.93	330	34721	13.41	ng	0.00
44) 2-Fluorobiphenyl	13.04	172	1147801	78.88	ng	-0.01
78) Terphenyl-d14	19.81	244	2493788	69.09	ng	0.00
Target Compounds						
49) Dimethylphthalate	13.89	163	137126	7.59	ng	Qvalue 96

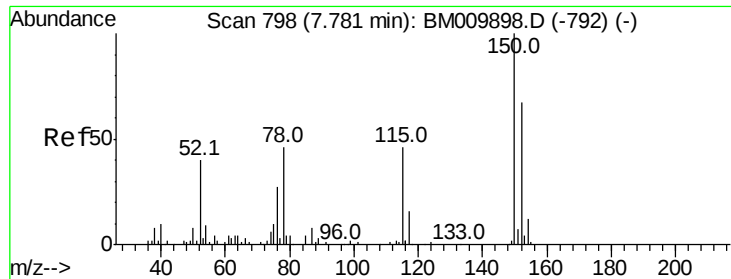
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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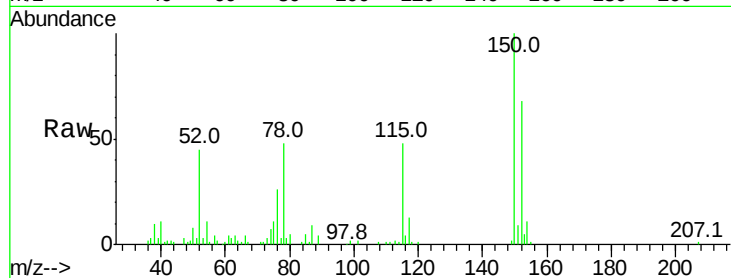


#1

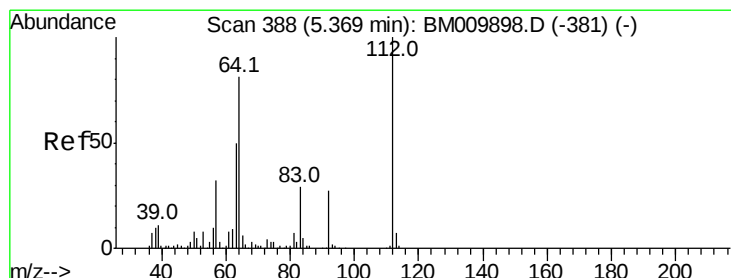
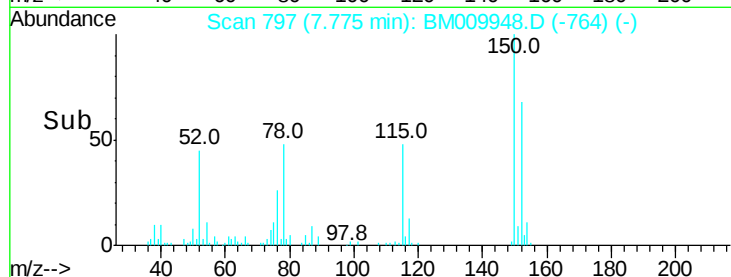
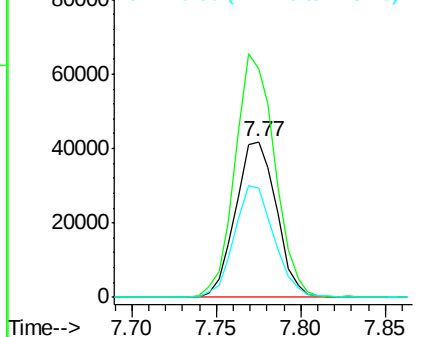
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BM009948.D
Acq: 06 May 2017 19:03

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.2	119.5	179.3
115	70.0	43.0	64.4



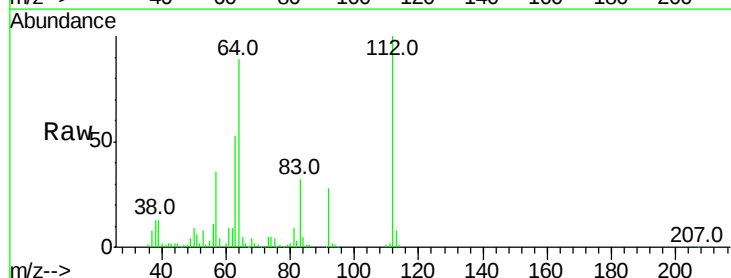
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



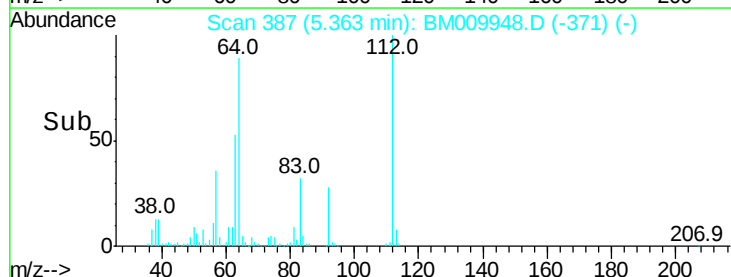
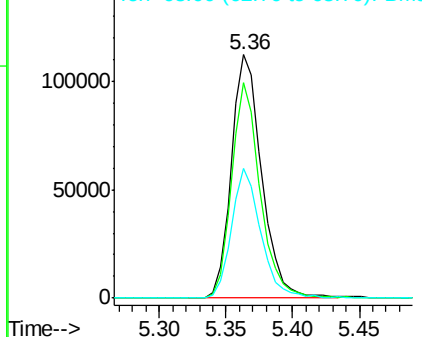
#5

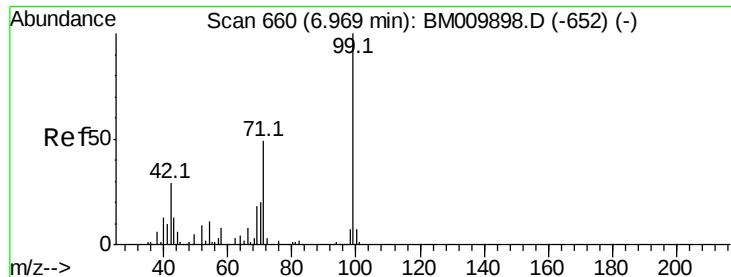
2-Fluorophenol
Concen: 40.22 ng
RT: 5.36 min Scan# 387
Delta R.T. -0.01 min
Lab File: BM009948.D
Acq: 06 May 2017 19:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	88.8	38.6	57.8
63	53.4	19.3	28.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 86.17 ng

RT: 6.96 min Scan# 658

Delta R.T. -0.01 min

Lab File: BM009948.D

Acq: 06 May 2017 19:03

Instrument :

BNA_M

ClientSampled :

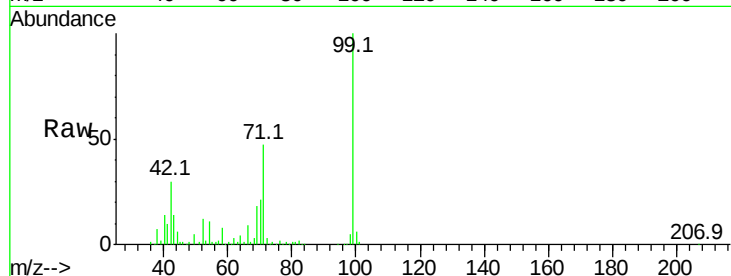
Tot Ion: 99 Resp: 584780

Ion Ratio Lower Upper

99 100

42 30.4 11.0 16.4#

71 47.0 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM009898.D (-652) (-)

Ion 42.00 (41.70 to 42.70): BM009898.D (-652) (-)

Ion 71.00 (70.70 to 71.70): BM009898.D (-652) (-)

6.96

400000

300000

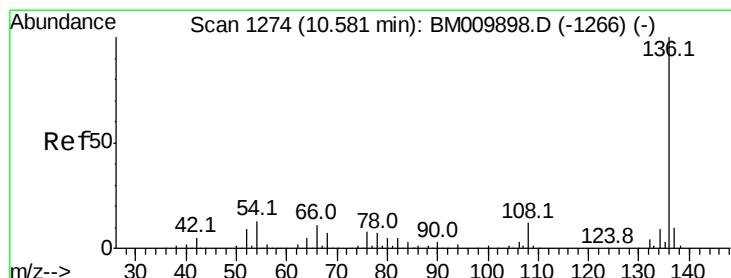
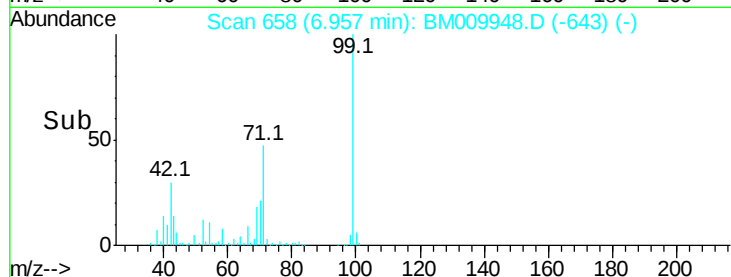
200000

100000

0

6.85 6.90 6.95 7.00 7.05

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.57 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BM009948.D

Acq: 06 May 2017 19:03

Tgt Ion: 136 Resp: 301574

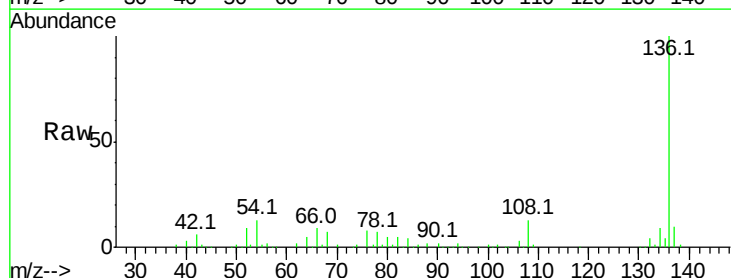
Ion Ratio Lower Upper

136 100

137 10.2 8.7 13.1

54 13.5 4.6 6.8#

68 7.2 3.7 5.5#



Abundance Ion 136.00 (135.70 to 136.70): BM009898.D (-1266) (-)

Ion 137.00 (136.70 to 137.70): BM009898.D (-1266) (-)

Ion 54.00 (53.70 to 54.70): BM009898.D (-1266) (-)

Ion 68.00 (67.70 to 68.70): BM009898.D (-1266) (-)

10.57

250000

200000

150000

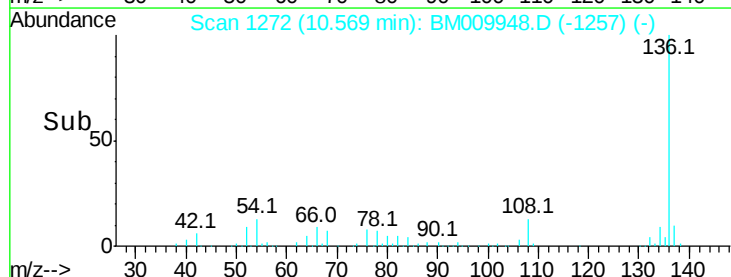
100000

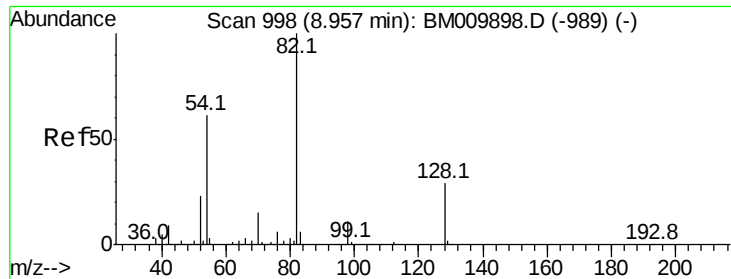
50000

0

10.50 10.55 10.60

Time-->

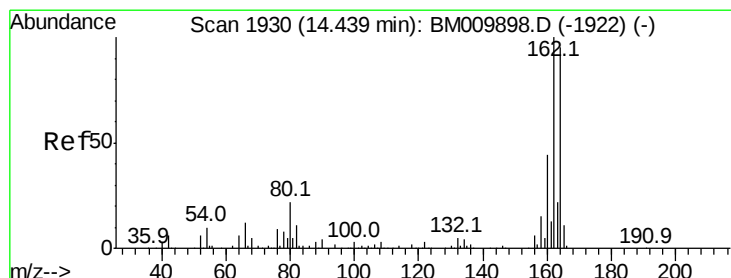
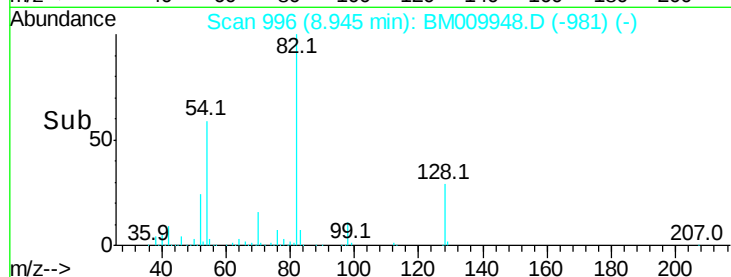
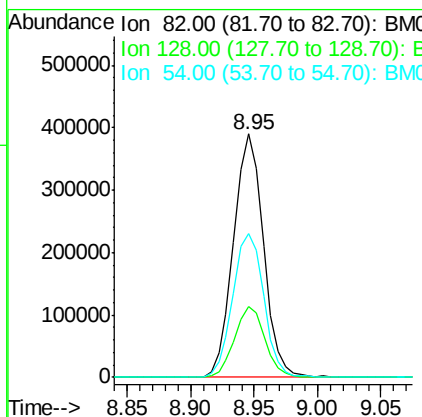
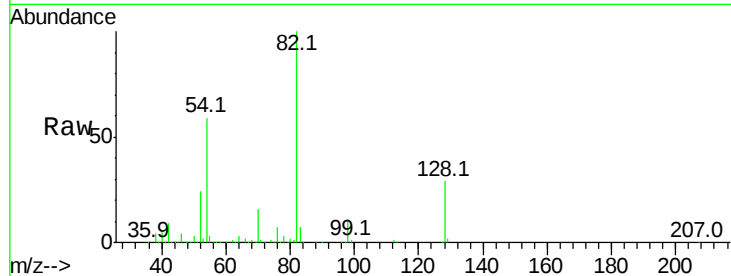




#23
 Nitrobenzene-d5
 Concen: 76.64 ng
 RT: 8.95 min Scan# 996
 Delta R.T. -0.01 min
 Lab File: BM009948.D
 Acq: 06 May 2017 19:03

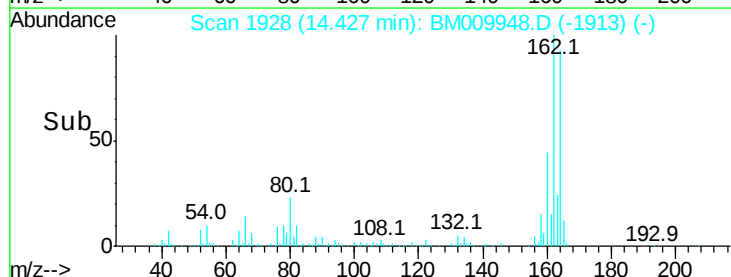
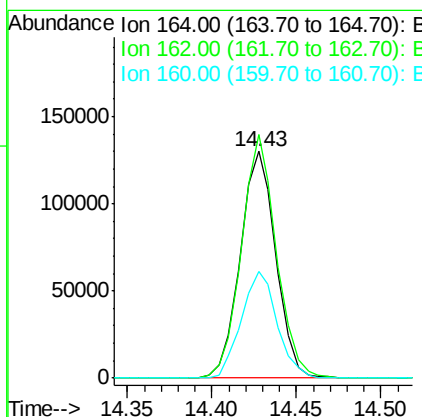
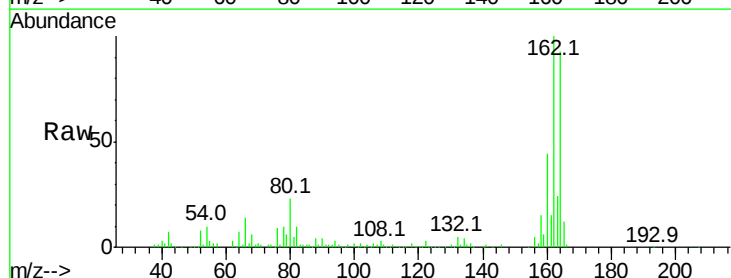
Instrument :
 BNA_M
 ClientSampled :

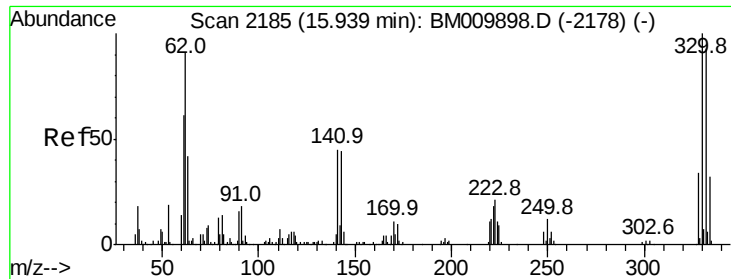
Tot Ion	82	Resp	638674
Ion Ratio	Lower	Upper	
82	100		
128	28.9	32.8	49.2#
54	59.2	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.43 min Scan# 1928
 Delta R.T. -0.01 min
 Lab File: BM009948.D
 Acq: 06 May 2017 19:03

Tgt Ion	164	Resp	189577
Ion Ratio	Lower	Upper	
164	100		
162	107.4	82.4	123.6
160	47.1	35.8	53.6

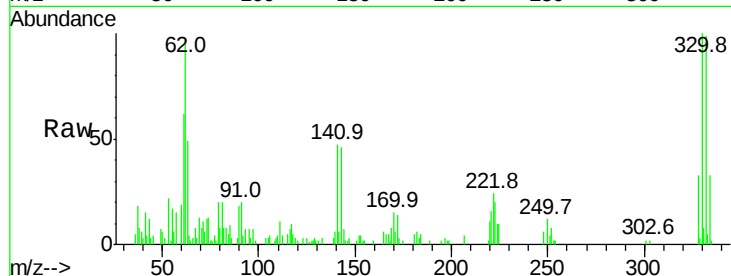




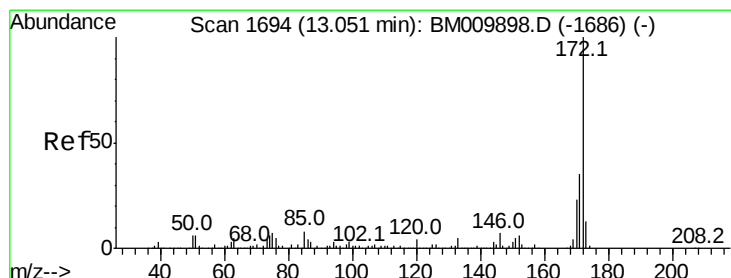
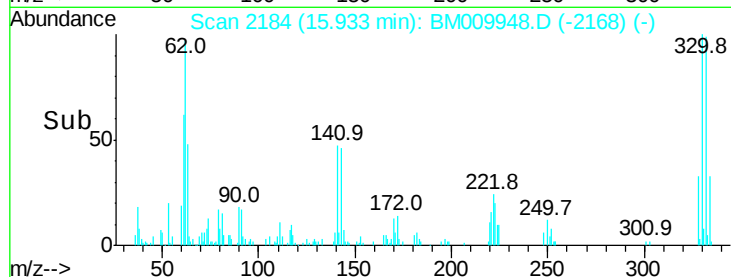
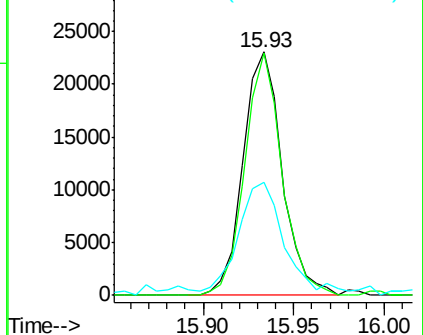
#41
 2,4,6-Tribromophenol
 Concen: 13.41 ng
 RT: 15.93 min Scan# 2184
 Delta R.T. -0.01 min
 Lab File: BM009948.D
 Acq: 06 May 2017 19:03

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 34721
 Ion Ratio Lower Upper
 330 100
 332 94.4 0.0 0.0#
 141 56.6 0.0 0.0#

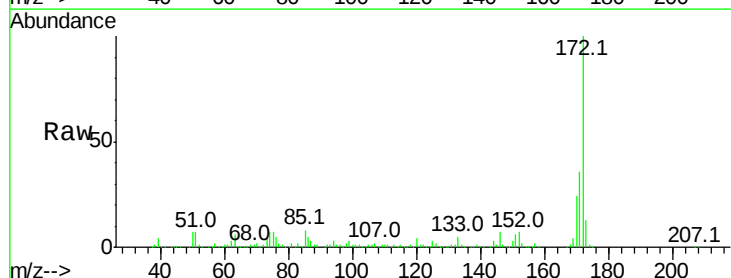


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

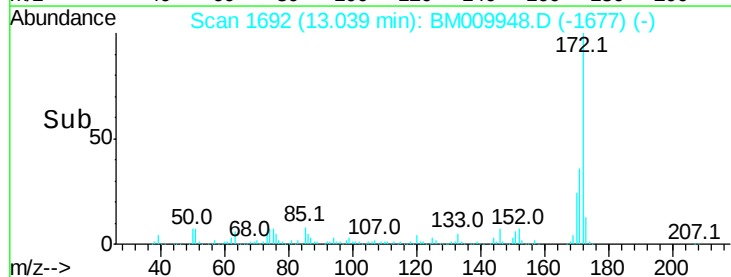
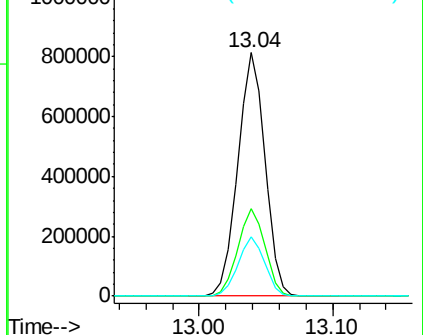


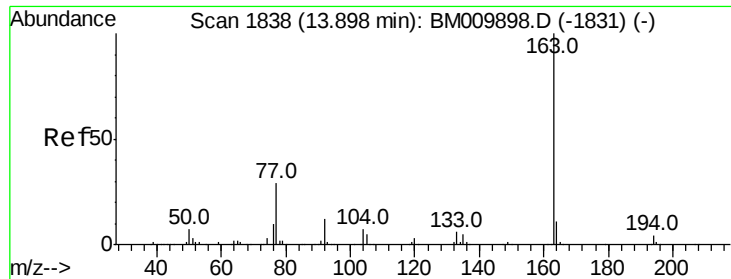
#44
 2-Fluorobiphenyl
 Concen: 78.88 ng
 RT: 13.04 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: BM009948.D
 Acq: 06 May 2017 19:03

Tgt Ion:172 Resp: 1147801
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.5 42.7
 170 24.4 18.8 28.2



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: 7.59 ng

RT: 13.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BM009948.D

Acq: 06 May 2017 19:03

Instrument :

BNA_M

ClientSampleId :

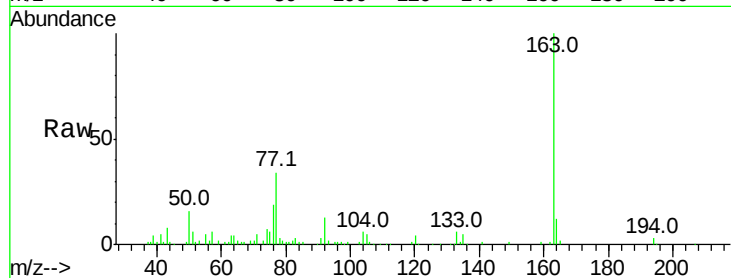
Tot Ion:163 Resp: 137126

Ion Ratio Lower Upper

163 100

194 3.1 2.7 4.1

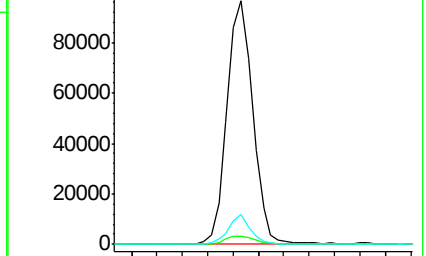
164 12.2 8.2 12.2



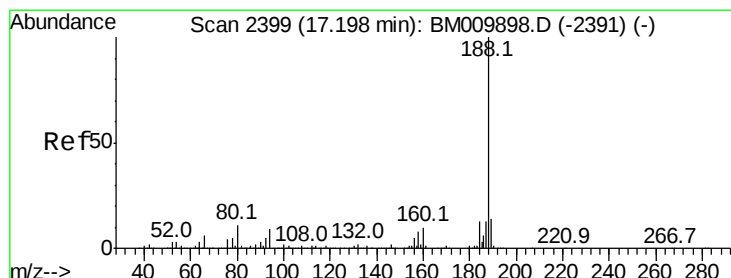
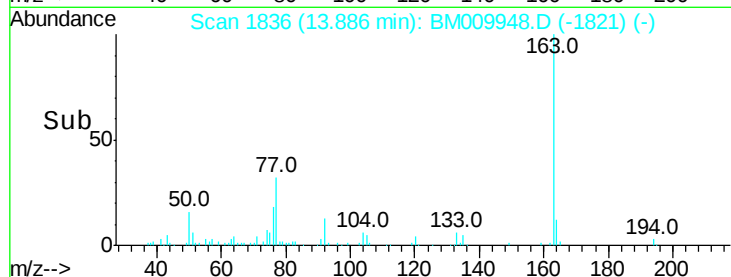
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time--> 13.80 13.90 14.00



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.19 min Scan# 2397

Delta R.T. -0.01 min

Lab File: BM009948.D

Acq: 06 May 2017 19:03

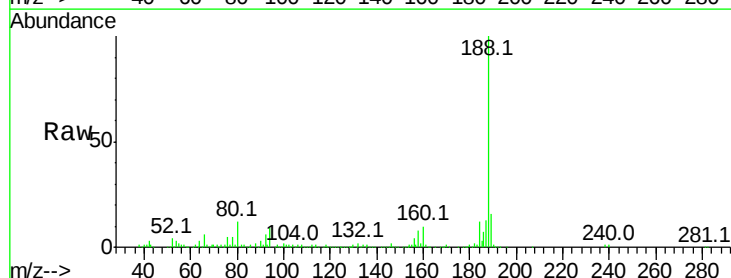
Tgt Ion:188 Resp: 510522

Ion Ratio Lower Upper

188 100

94 9.5 8.7 13.1

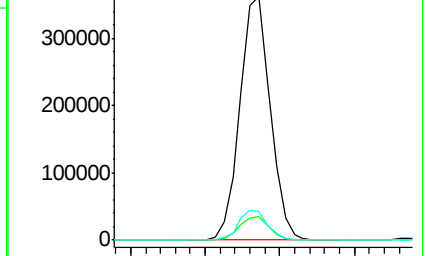
80 12.0 9.3 13.9



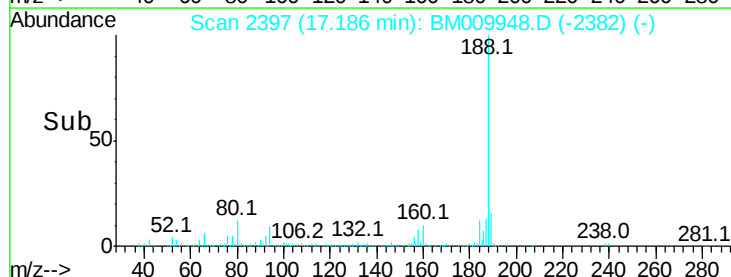
Abundance Ion 188.00 (187.70 to 188.70): E

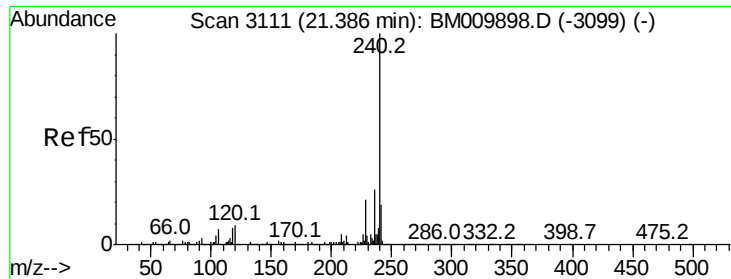
Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



Time--> 17.10 17.15 17.20 17.25





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.37 min Scan# 3109

Delta R.T. -0.01 min

Lab File: BM009948.D

Acq: 06 May 2017 19:03

Instrument :

BNA_M

ClientSampled :

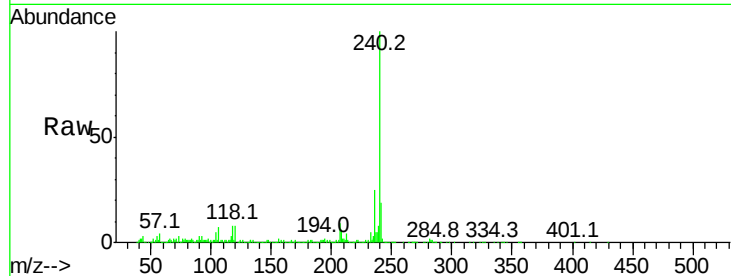
Tot Ion:240 Resp: 740463

Ion Ratio Lower Upper

240 100

120 7.7 8.2 12.2#

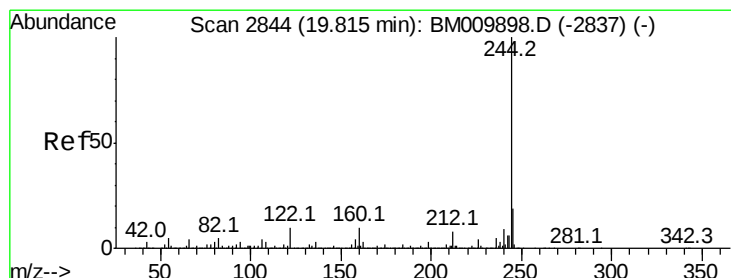
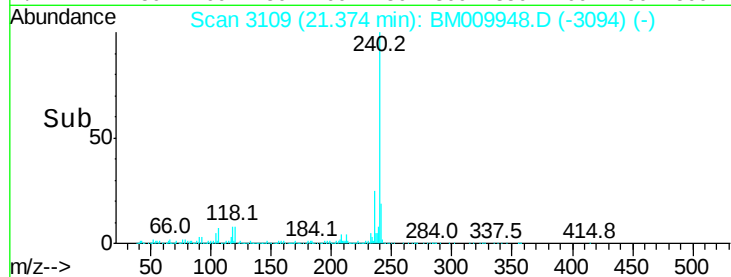
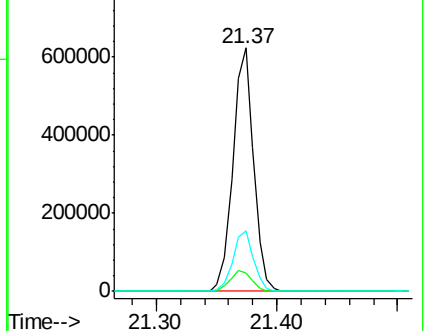
236 25.1 20.0 30.0



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: 69.09 ng

RT: 19.81 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BM009948.D

Acq: 06 May 2017 19:03

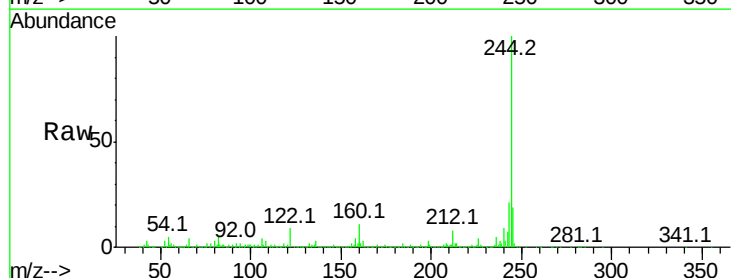
Tgt Ion:244 Resp: 2493788

Ion Ratio Lower Upper

244 100

212 7.7 4.9 7.3#

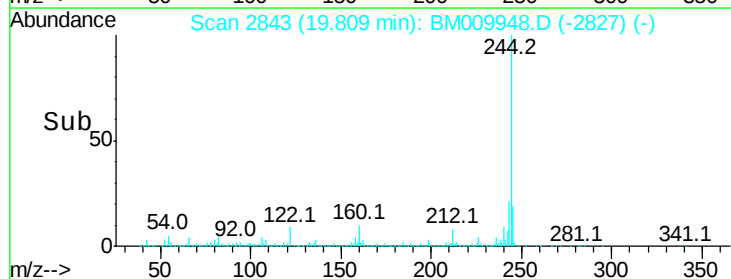
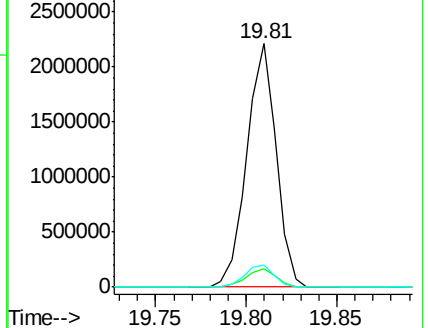
122 9.0 6.2 9.4

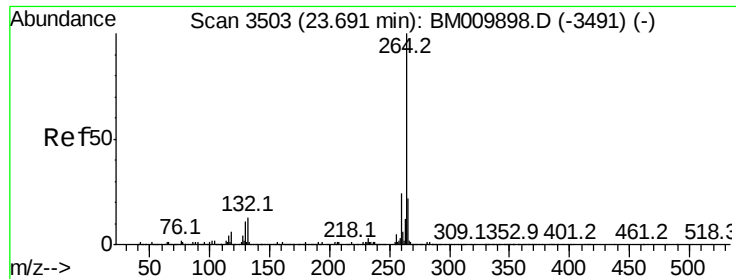


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

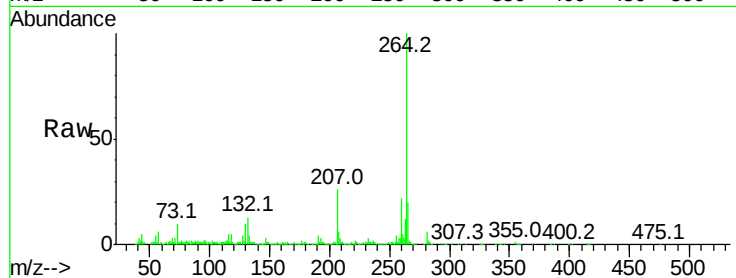




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 23.67 min Scan# 3500
 Delta R.T. -0.02 min
 Lab File: BM009948.D
 Acq: 06 May 2017 19:03

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.6	27.8
265	20.4	17.3	25.9



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

