

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032917\
 Data File : BM009433.D
 Acq On : 29 Mar 2017 15:34
 Operator : SJ/MA
 Sample : PB97904BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB97904BL

Quant Time: Mar 30 01:11:23 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 16:43:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	111766	20.00	ng	0.00
21) Naphthalene-d8	10.65	136	417012	20.00	ng	-0.01
38) Acenaphthene-d10	14.50	164	217634	20.00	ng	0.00
63) Phenanthrene-d10	17.24	188	487220	20.00	ng	0.00
75) Chrysene-d12	21.42	240	602176	20.00	ng	0.00
86) Perylene-d12	23.74	264	581677	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	963939	143.76	ng	0.00
7) Phenol-d6	7.02	99	1283431	140.36	ng	0.00
23) Nitrobenzene-d5	9.02	82	891610	80.17	ng	0.00
41) 2,4,6-Tribromophenol	15.99	330	335350	124.04	ng	-0.01
44) 2-Fluorobiphenyl	13.12	172	1530234	84.72	ng	0.00
78) Terphenyl-d14	19.86	244	2082136	72.25	ng	0.00

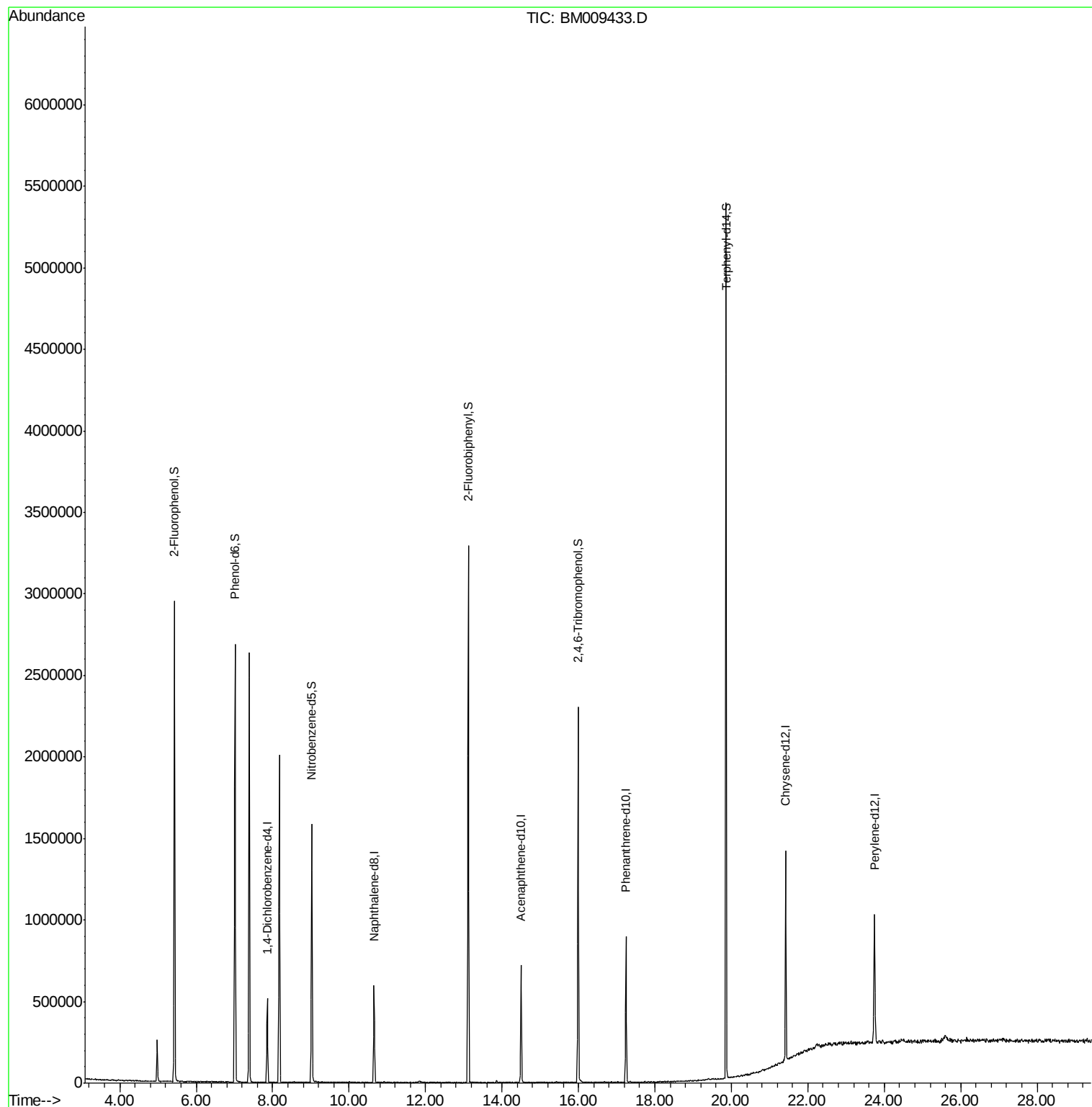
Target Compounds Qvalue

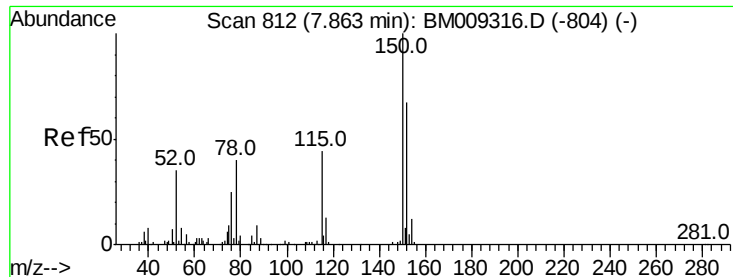
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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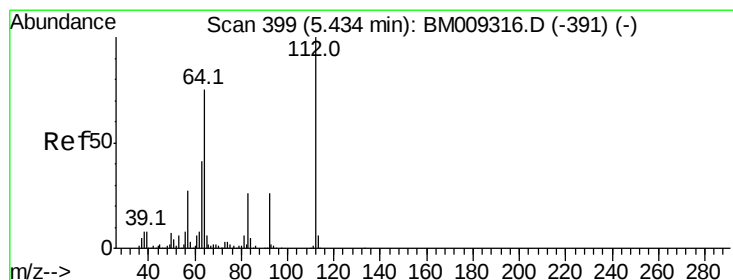
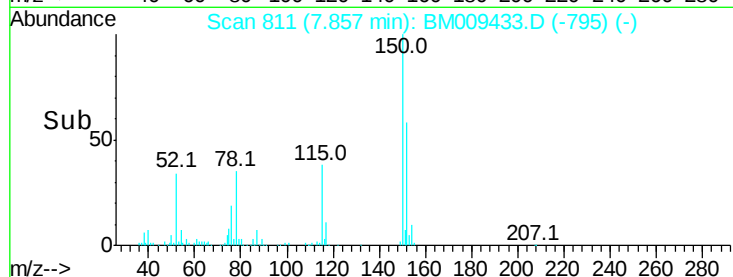
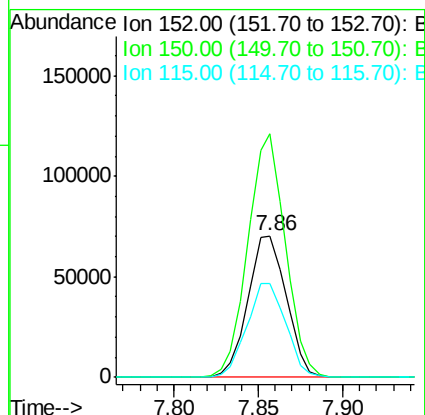
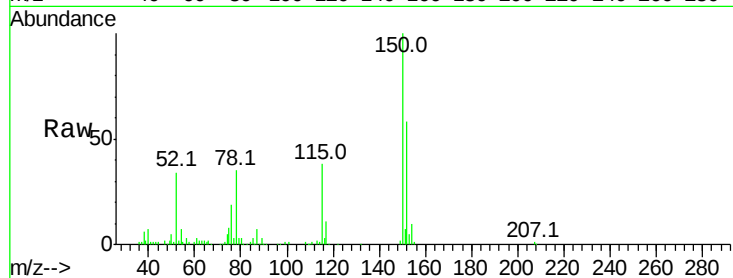


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BM009433.D
Acq: 29 Mar 2017 15:34

Instrument :
BNA_M
ClientSampleId :
PB97904BL

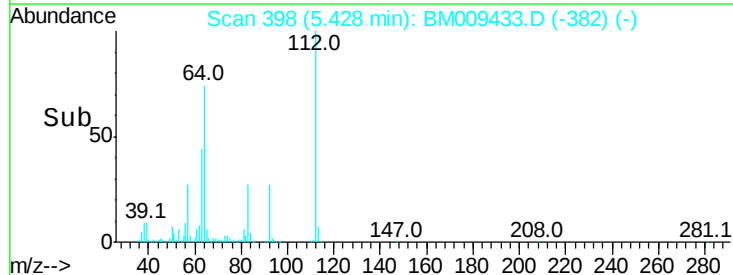
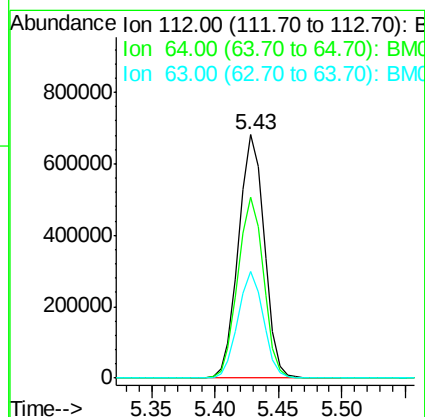
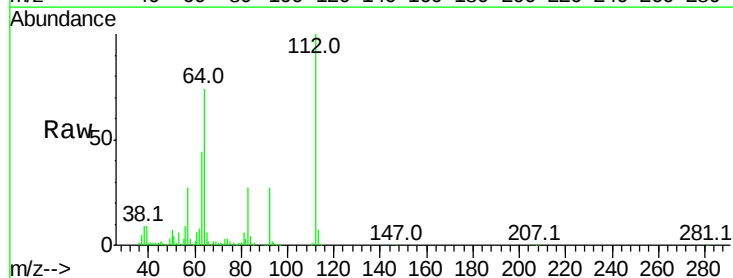
Tot Ion:152 Resp: 111766
Ion Ratio Lower Upper
152 100
150 172.3 119.5 179.3
115 66.1 43.0 64.4#

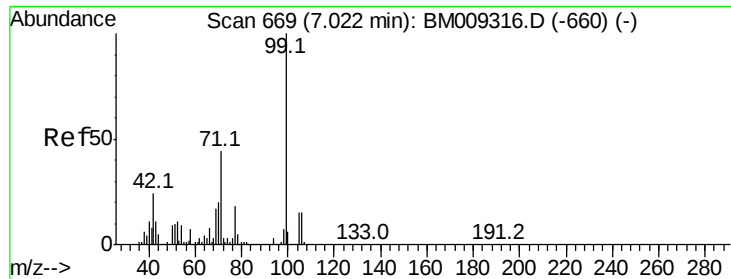


#5

2-Fluorophenol
Concen: 143.76 ng
RT: 5.43 min Scan# 398
Delta R.T. -0.01 min
Lab File: BM009433.D
Acq: 29 Mar 2017 15:34

Tgt Ion:112 Resp: 963939
Ion Ratio Lower Upper
112 100
64 74.2 38.6 57.8#
63 43.6 19.3 28.9#





#7

Phenol-d6

Concen: 140.36 ng

RT: 7.02 min Scan# 668

Delta R.T. -0.01 min

Lab File: BM009433.D

Acq: 29 Mar 2017 15:34

Instrument :

BNA_M

ClientSampled :

PB97904BL

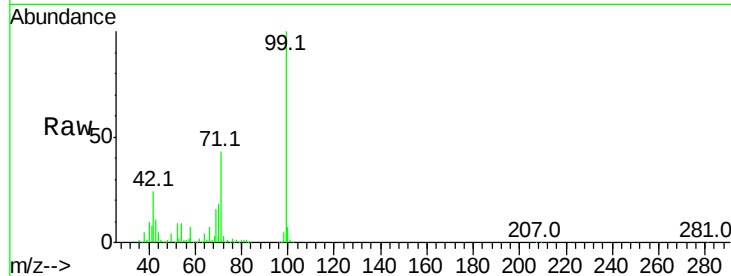
Tot Ion: 99 Resp: 1283431

Ion Ratio Lower Upper

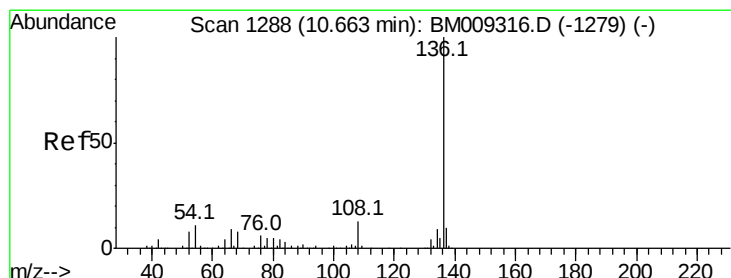
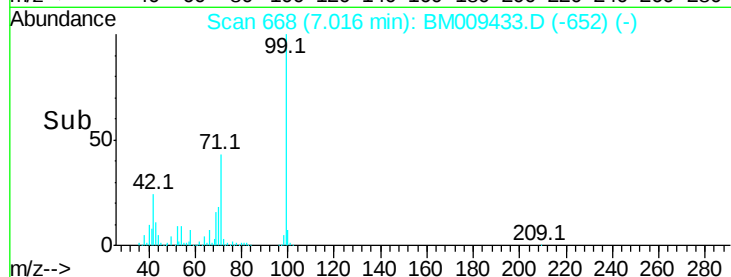
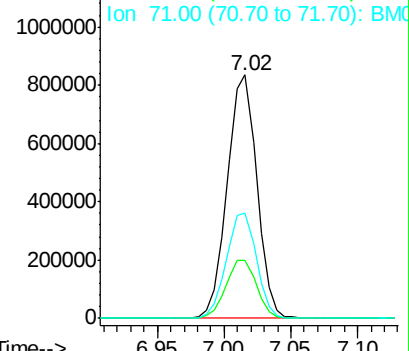
99 100

42 23.8 11.0 16.4#

71 43.2 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM009433.D (-652) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BM009433.D

Acq: 29 Mar 2017 15:34

Tgt Ion: 136 Resp: 417012

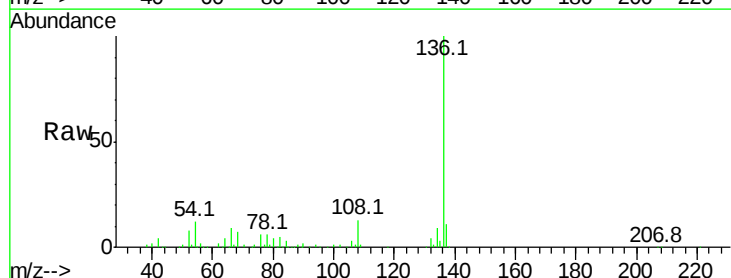
Ion Ratio Lower Upper

136 100

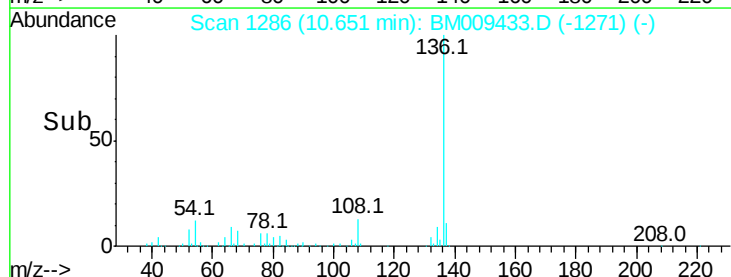
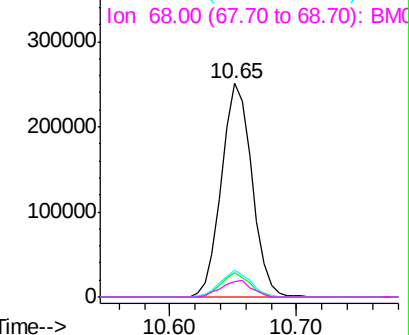
137 11.4 8.7 13.1

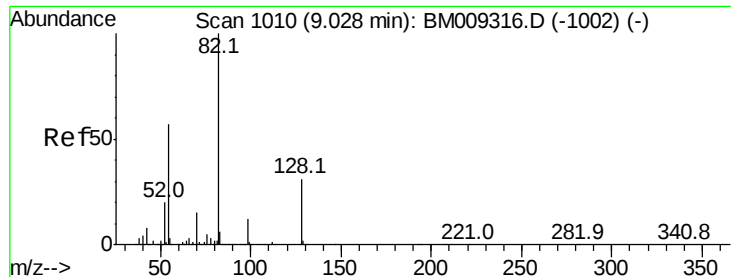
54 12.4 4.6 6.8#

68 7.5 3.7 5.5#



Abundance Ion 136.00 (135.70 to 136.70): BM009433.D (-1271) (-)

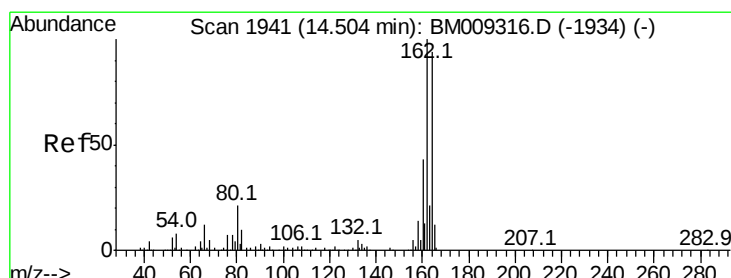
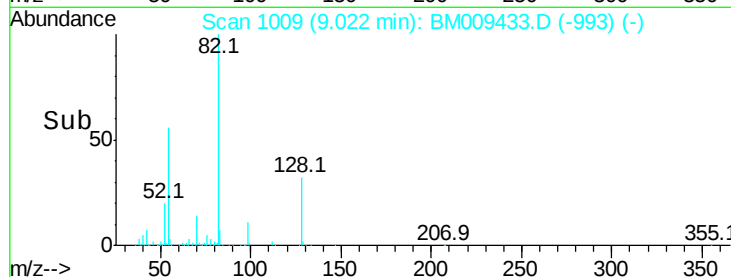
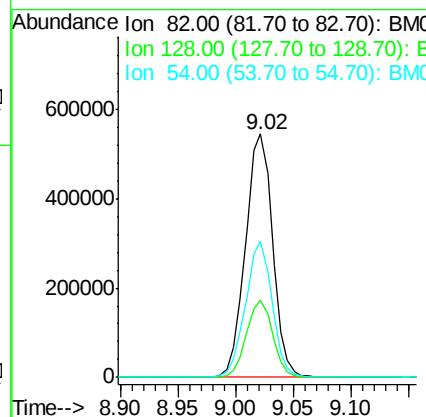
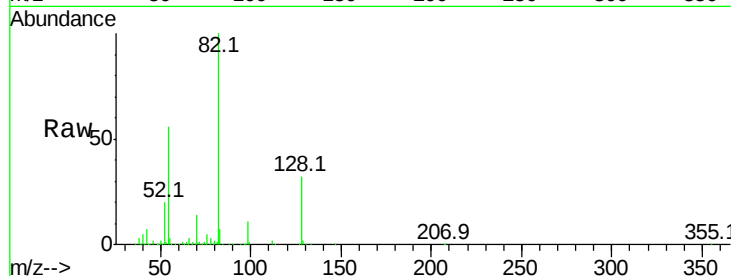




#23
Nitrobenzene-d5
Concen: 80.17 ng
RT: 9.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BM009433.D
Acq: 29 Mar 2017 15:34

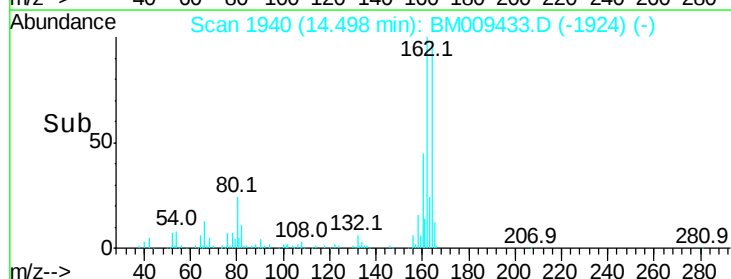
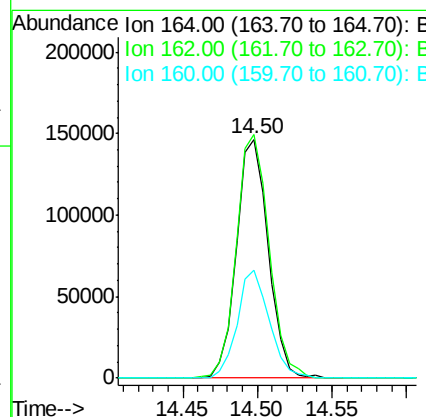
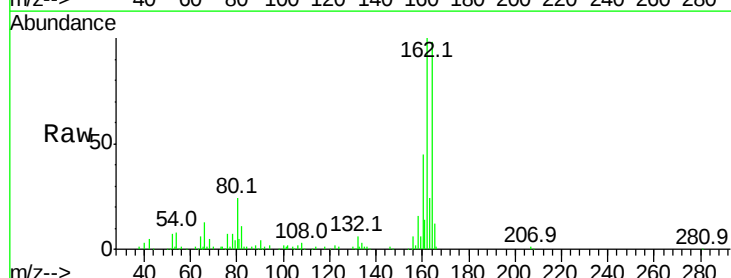
Instrument :
BNA_M
ClientSampleId :
PB97904BL

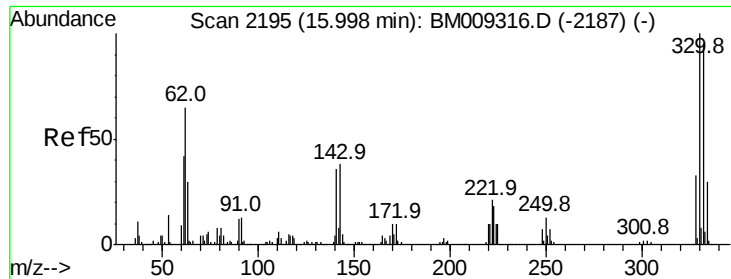
Tot Ion: 82 Resp: 891610
Ion Ratio Lower Upper
82 100
128 31.5 32.8 49.2#
54 56.1 40.6 60.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.50 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BM009433.D
Acq: 29 Mar 2017 15:34

Tgt Ion: 164 Resp: 217634
Ion Ratio Lower Upper
164 100
162 101.8 82.4 123.6
160 45.4 35.8 53.6

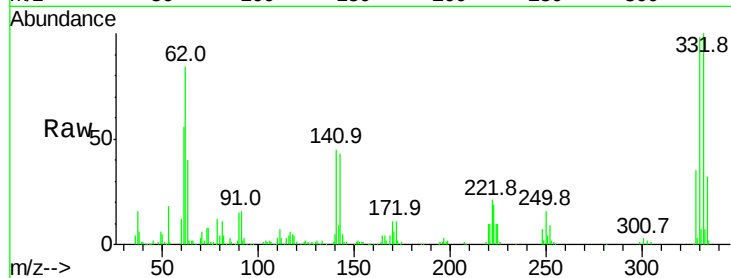




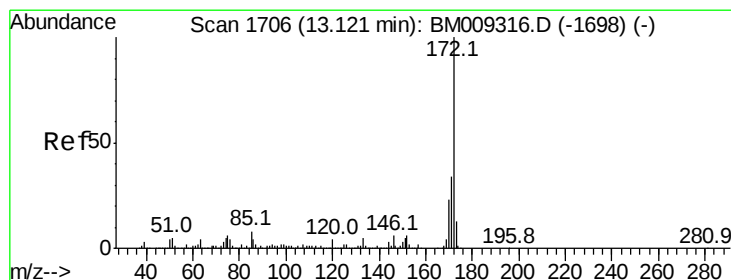
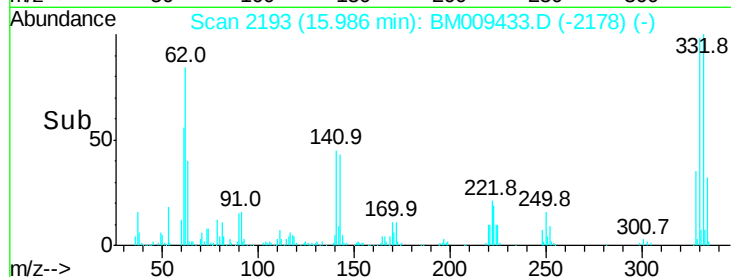
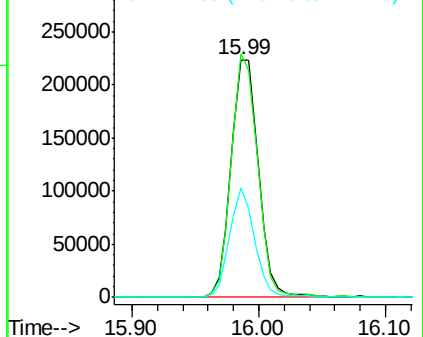
#41
 2,4,6-Tribromophenol
 Concen: 124.04 ng
 RT: 15.99 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BM009433.D
 Acq: 29 Mar 2017 15:34

Instrument :
 BNA_M
 ClientSampleId :
 PB97904BL

Tot Ion:330 Resp: 335350
 Ion Ratio Lower Upper
 330 100
 332 97.7 0.0 0.0#
 141 41.9 0.0 0.0#

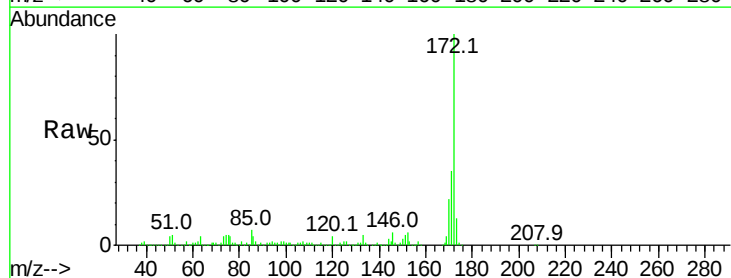


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

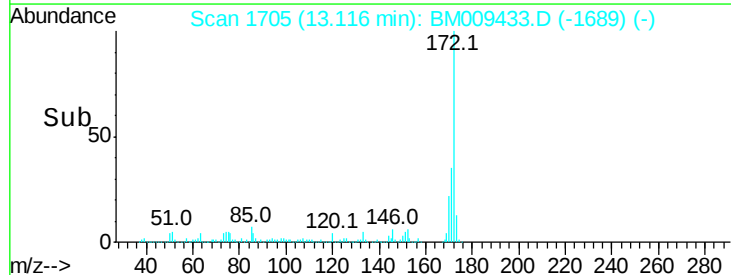
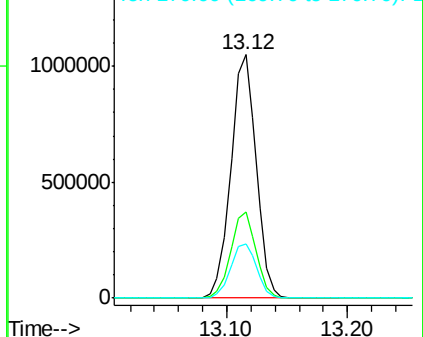


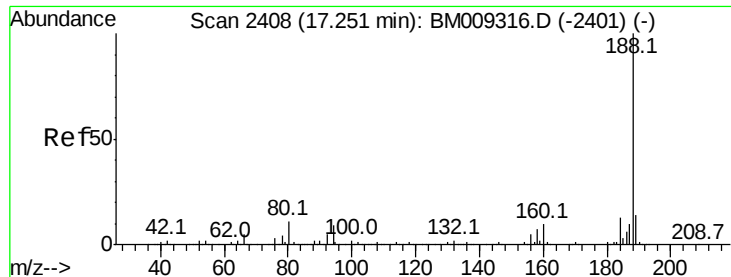
#44
 2-Fluorobiphenyl
 Concen: 84.72 ng
 RT: 13.12 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BM009433.D
 Acq: 29 Mar 2017 15:34

Tgt Ion:172 Resp: 1530234
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.5 42.7
 170 22.4 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

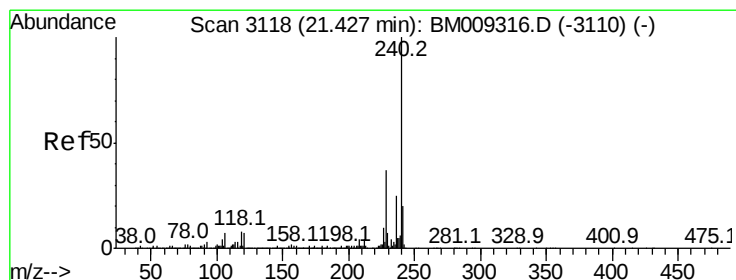
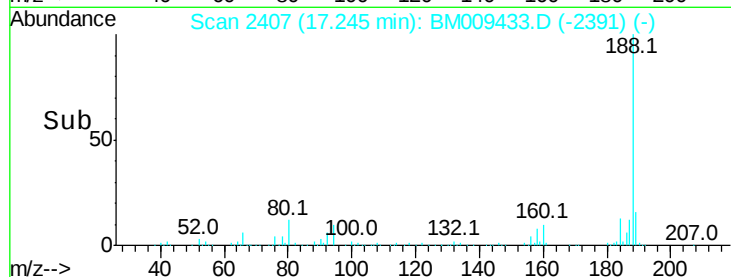
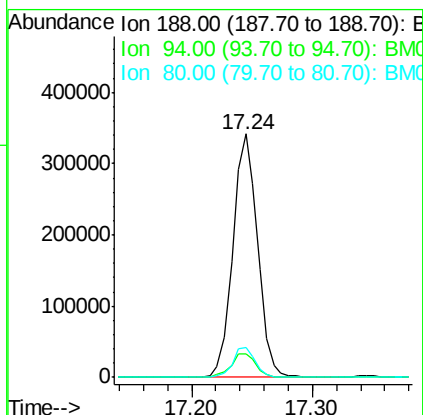
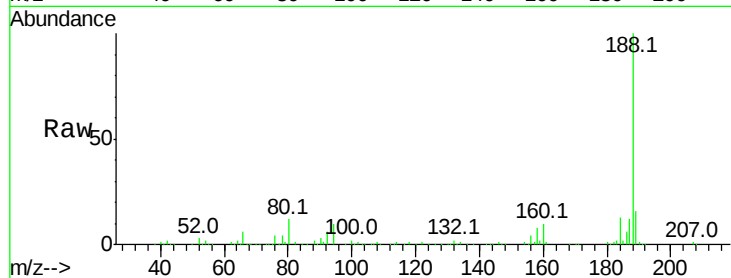




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.24 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BM009433.D
Acq: 29 Mar 2017 15:34

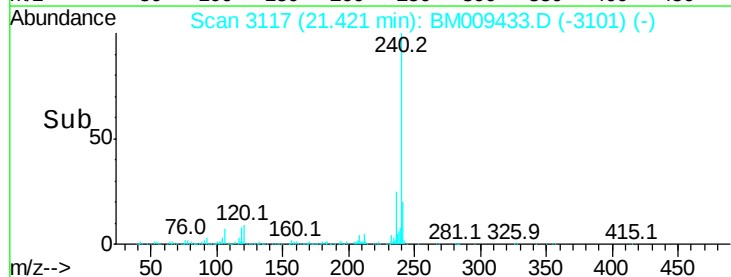
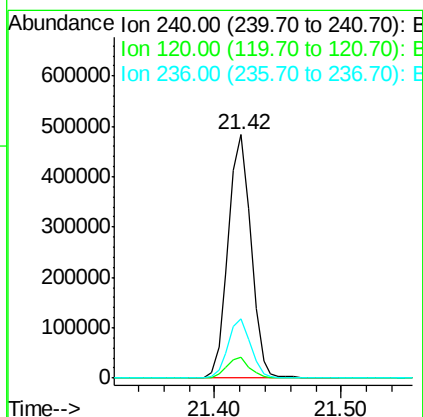
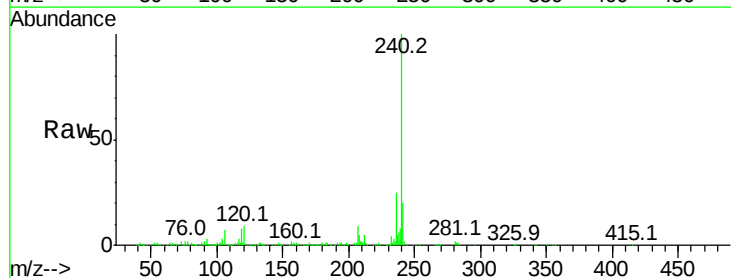
Instrument :
BNA_M
ClientSampleId :
PB97904BL

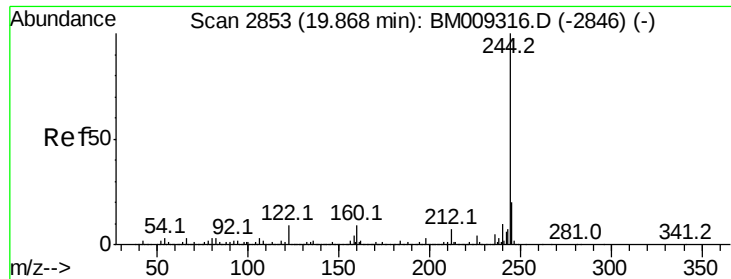
Tot Ion:188 Resp: 487220
Ion Ratio Lower Upper
188 100
94 9.5 8.7 13.1
80 12.1 9.3 13.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.42 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BM009433.D
Acq: 29 Mar 2017 15:34

Tgt Ion:240 Resp: 602176
Ion Ratio Lower Upper
240 100
120 8.8 8.2 12.2
236 24.6 20.0 30.0





#78

Terphenyl-d14

Concen: 72.25 ng

RT: 19.86 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BM009433.D

Acq: 29 Mar 2017 15:34

Instrument :

BNA_M

ClientSampled :

PB97904BL

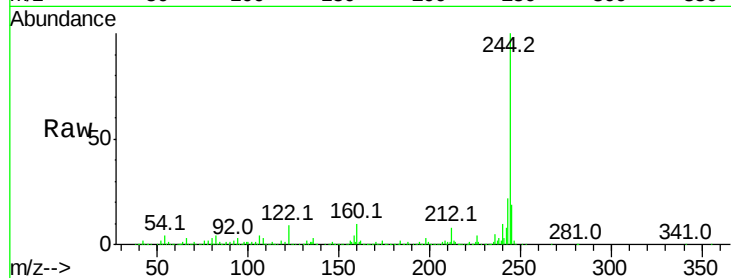
Tot Ion:244 Resp: 2082136

Ion Ratio Lower Upper

244 100

212 7.5 4.9 7.3#

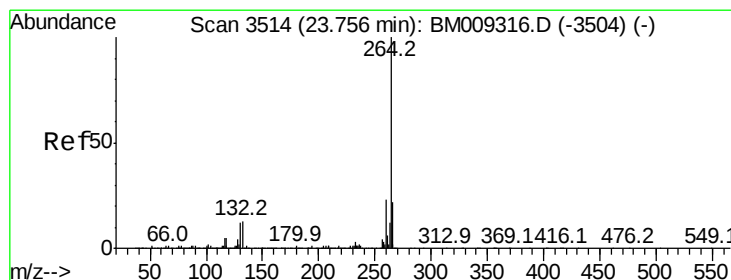
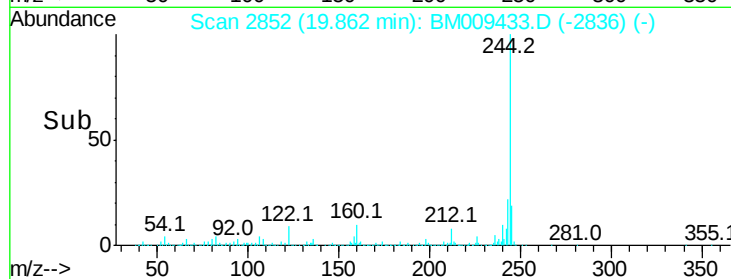
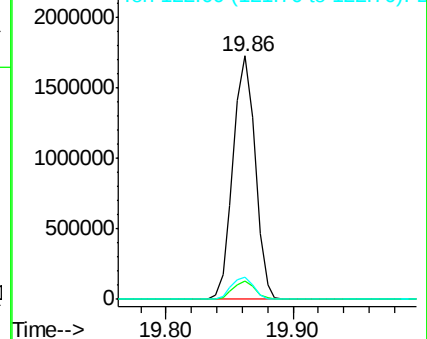
122 9.0 6.2 9.4



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

Perylene-d12

Concen: 20.00 ng

RT: 23.74 min Scan# 3512

Delta R.T. -0.01 min

Lab File: BM009433.D

Acq: 29 Mar 2017 15:34

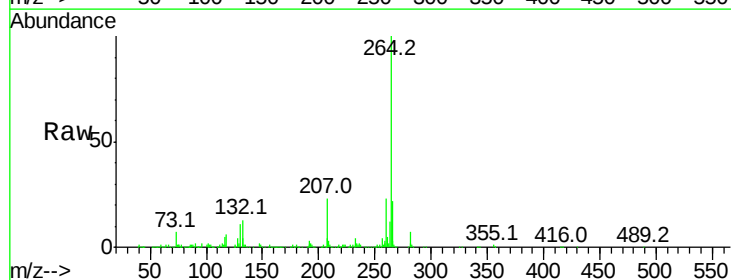
Tgt Ion:264 Resp: 581677

Ion Ratio Lower Upper

264 100

260 23.3 18.6 27.8

265 22.1 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

