

Data Path : Z:\HPCHEM1\BNA M\DATA\BM033117\
 Data File : BM009477.D
 Acq On : 31 Mar 2017 17:12
 Operator : SJ/MA
 Sample : PB97950BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB97950BL

Quant Time: Mar 31 22:58:55 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 12:10:26 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	104997	20.00	ng	-0.02
21) Naphthalene-d8	10.65	136	390691	20.00	ng	-0.02
38) Acenaphthene-d10	14.49	164	221929	20.00	ng	-0.01
63) Phenanthrene-d10	17.24	188	524669	20.00	ng	-0.01
75) Chrysene-d12	21.42	240	726964	20.00	ng	-0.01
86) Perylene-d12	23.74	264	693073	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	967759	153.63	ng	-0.01
7) Phenol-d6	7.00	99	1345576	156.65	ng	-0.02
23) Nitrobenzene-d5	9.01	82	933840	89.62	ng	-0.02
41) 2,4,6-Tribromophenol	15.99	330	412560	149.64	ng	-0.01
44) 2-Fluorobiphenyl	13.11	172	1659736	90.11	ng	-0.01
78) Terphenyl-d14	19.86	244	2754470	79.18	ng	-0.01

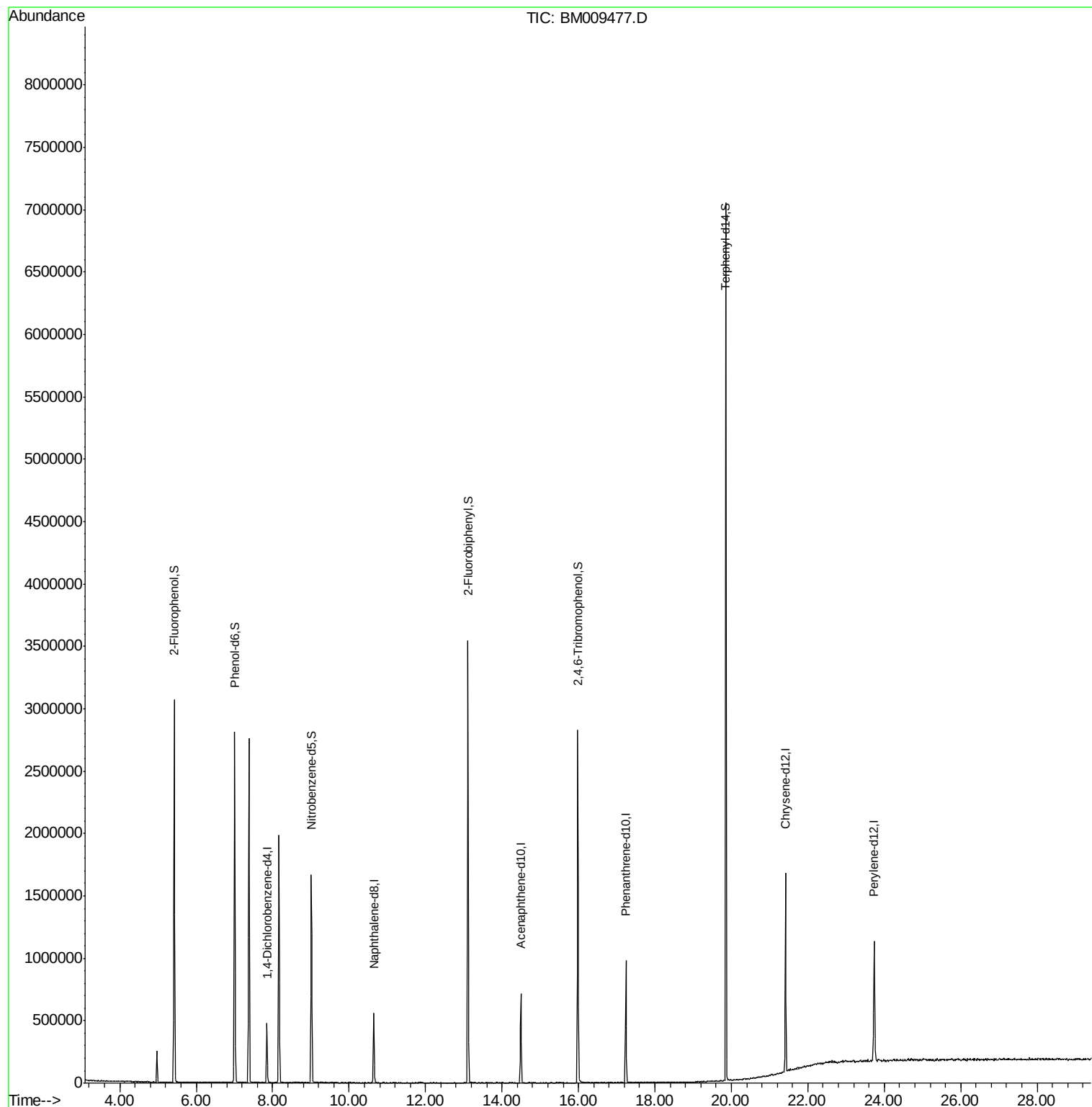
Target Compounds Qvalue

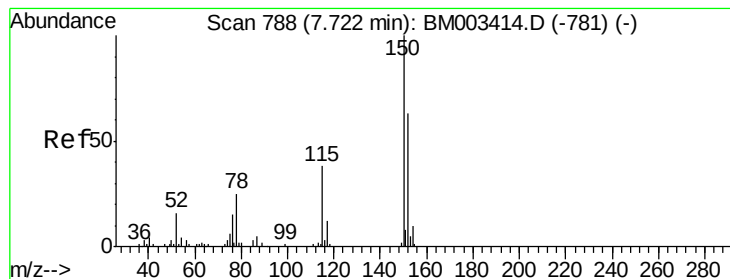
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.85 min Scan# 809

Delta R.T. -0.02 min

Lab File: BM009477.D

Acq: 31 Mar 2017 17:12

Instrument :

BNA_M

ClientSampleId :

PB97950BL

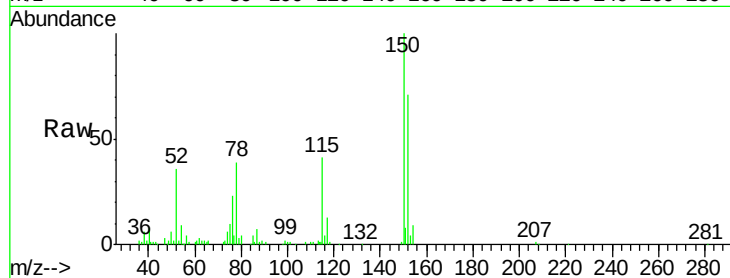
Tot Ion:152 Resp: 104997

Ion Ratio Lower Upper

152 100

150 141.6 119.5 179.3

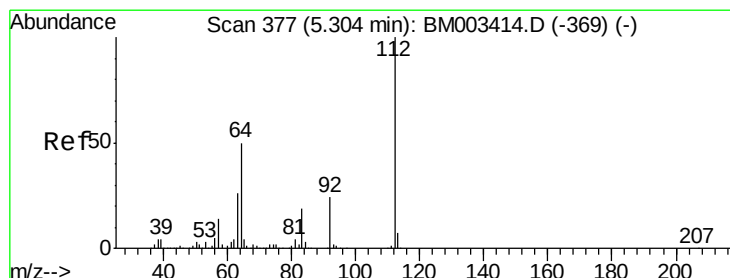
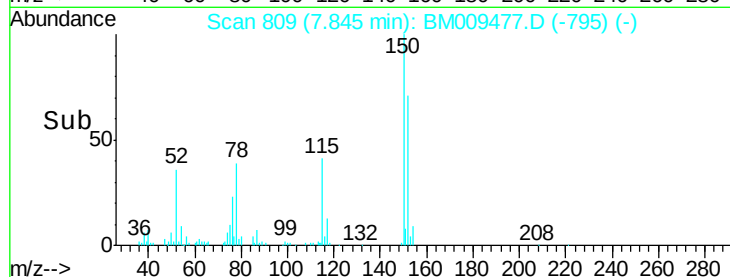
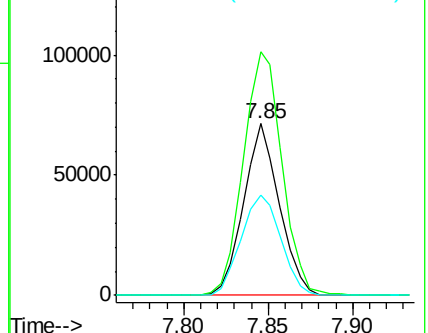
115 58.3 43.0 64.4



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: 153.63 ng

RT: 5.42 min Scan# 397

Delta R.T. -0.01 min

Lab File: BM009477.D

Acq: 31 Mar 2017 17:12

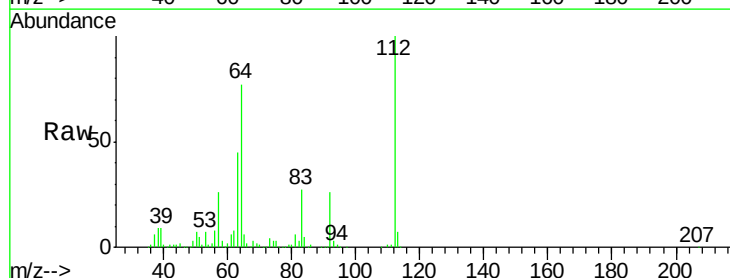
Tgt Ion:112 Resp: 967759

Ion Ratio Lower Upper

112 100

64 76.8 38.6 57.8#

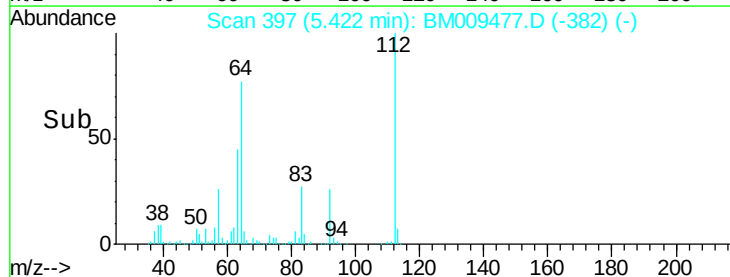
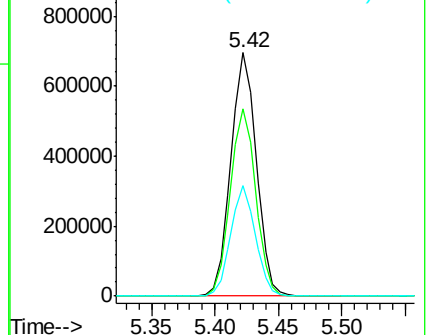
63 45.4 19.3 28.9#

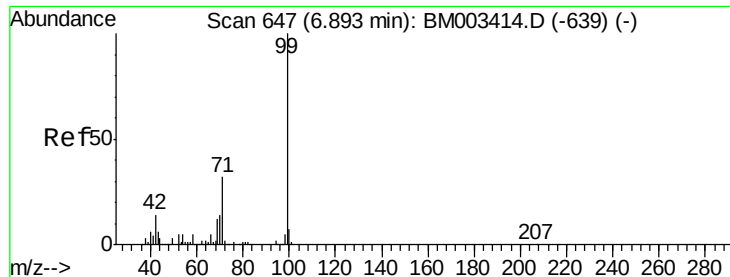


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 156.65 ng

RT: 7.00 min Scan# 666

Delta R.T. -0.02 min

Lab File: BM009477.D

Acq: 31 Mar 2017 17:12

Instrument :

BNA_M

ClientSampled :

PB97950BL

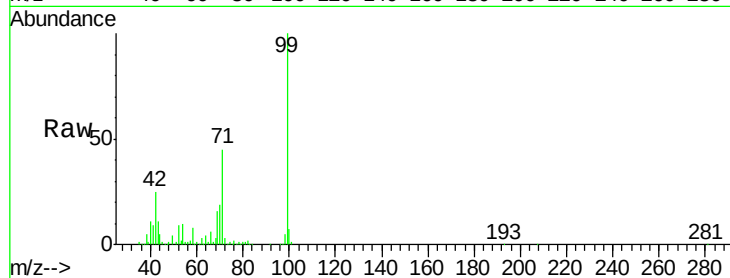
Tot Ion: 99 Resp: 1345576

Ion Ratio Lower Upper

99 100

42 25.2 11.0 16.4#

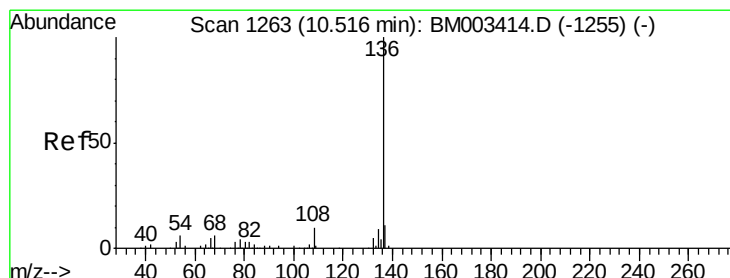
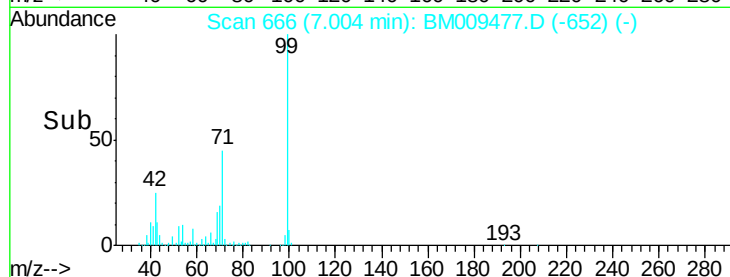
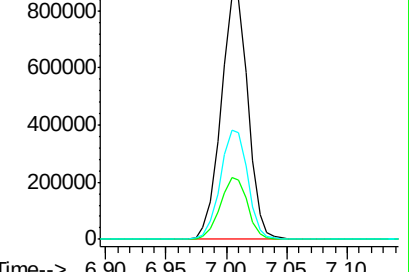
71 45.0 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM009477.D (-652) (-)

Ion 42.00 (41.70 to 42.70): BM009477.D (-652) (-)

Ion 71.00 (70.70 to 71.70): BM009477.D (-652) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.65 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BM009477.D

Acq: 31 Mar 2017 17:12

Tgt Ion: 136 Resp: 390691

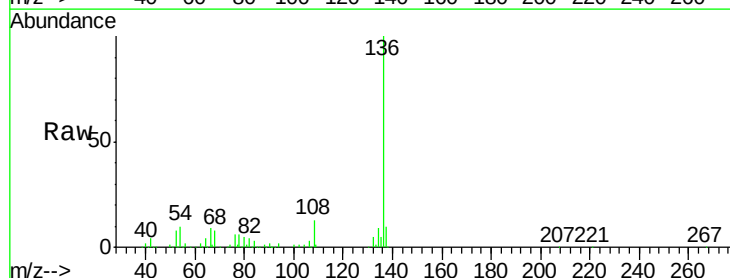
Ion Ratio Lower Upper

136 100

137 9.8 8.7 13.1

54 9.8 4.6 6.8#

68 7.8 3.7 5.5#

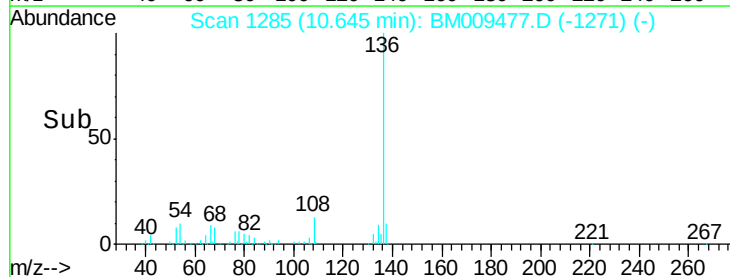
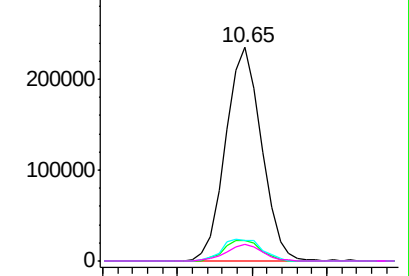


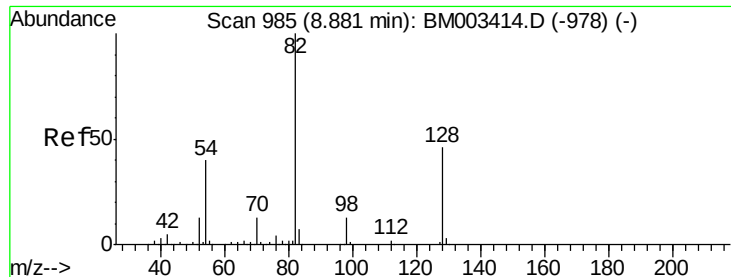
Abundance Ion 136.00 (135.70 to 136.70): BM009477.D (-1271) (-)

Ion 137.00 (136.70 to 137.70): BM009477.D (-1271) (-)

Ion 54.00 (53.70 to 54.70): BM009477.D (-1271) (-)

Ion 68.00 (67.70 to 68.70): BM009477.D (-1271) (-)

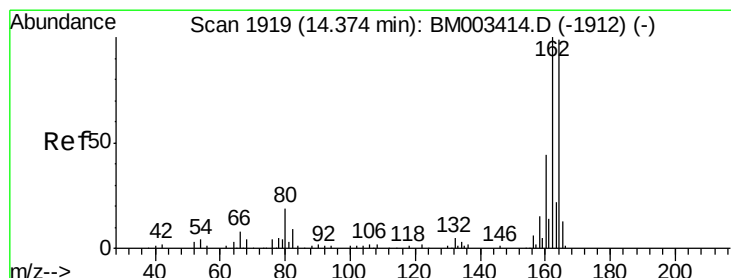
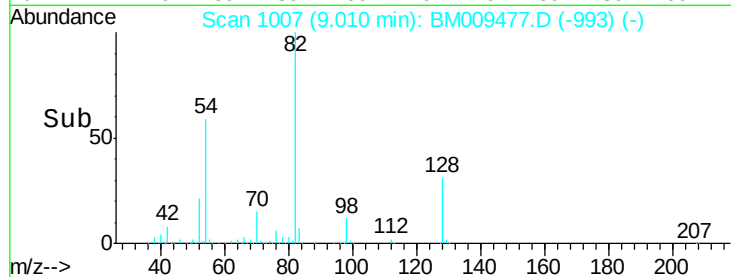
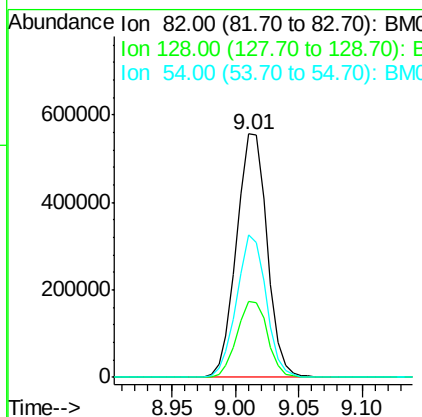
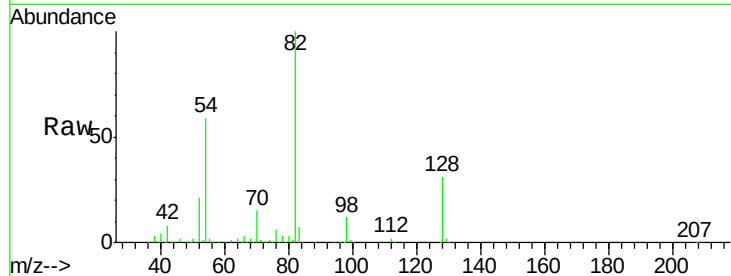




#23
 Nitrobenzene-d5
 Concen: 89.62 ng
 RT: 9.01 min Scan# 1007
 Delta R.T. -0.02 min
 Lab File: BM009477.D
 Acq: 31 Mar 2017 17:12

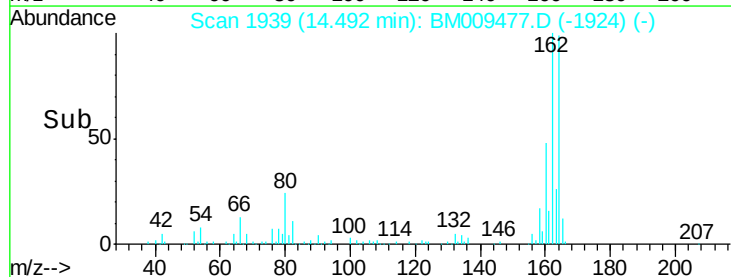
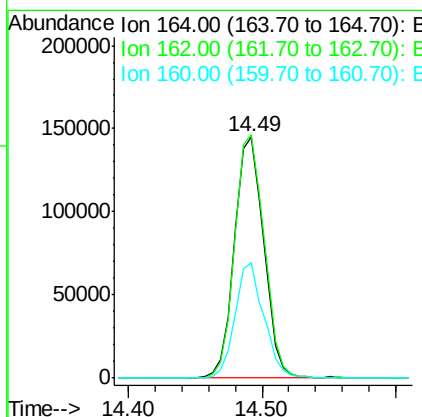
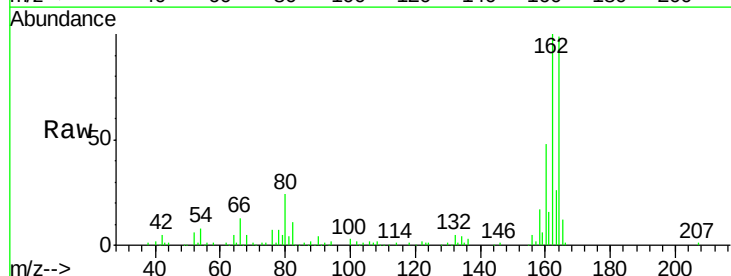
Instrument :
 BNA_M
 ClientSampleId :
 PB97950BL

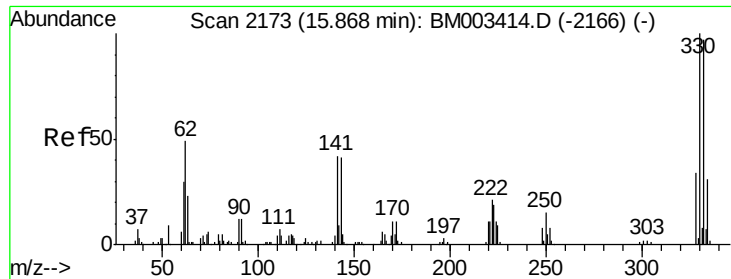
Tot Ion	82	Resp	933840
Ion Ratio	100	Lower	Upper
128	30.9	32.8	49.2#
54	58.5	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.49 min Scan# 1939
 Delta R.T. -0.01 min
 Lab File: BM009477.D
 Acq: 31 Mar 2017 17:12

Tgt Ion	164	Resp	221929
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	101.0	82.4	123.6
160	48.1	35.8	53.6

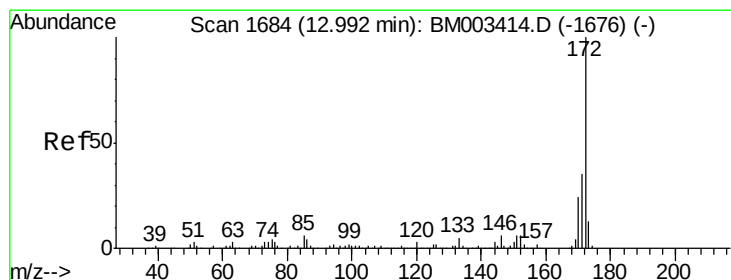
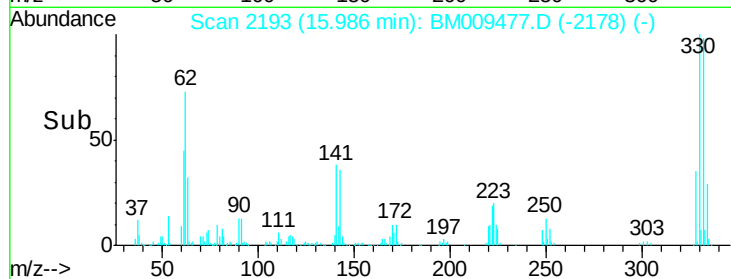
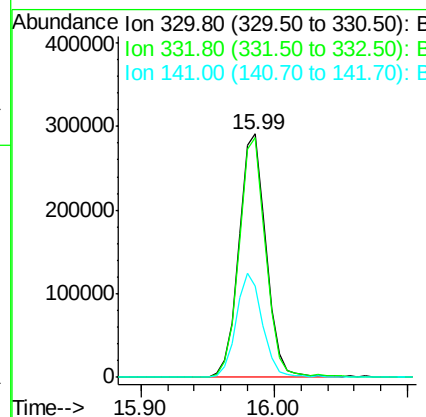
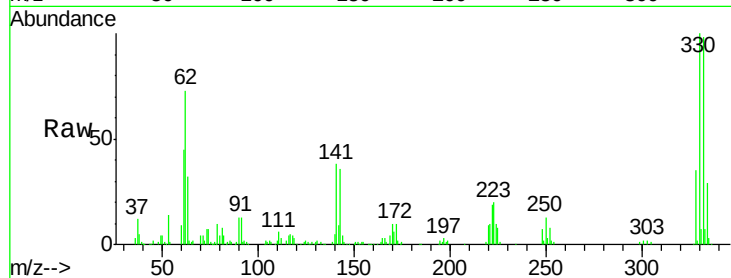




#41
 2,4,6-Tribromophenol
 Concen: 149.64 ng
 RT: 15.99 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BM009477.D
 Acq: 31 Mar 2017 17:12

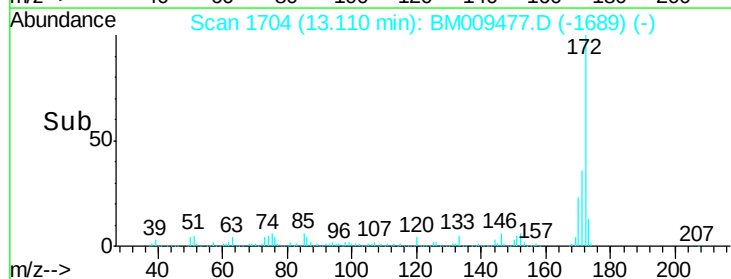
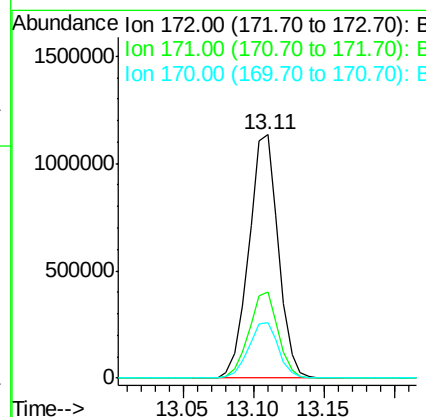
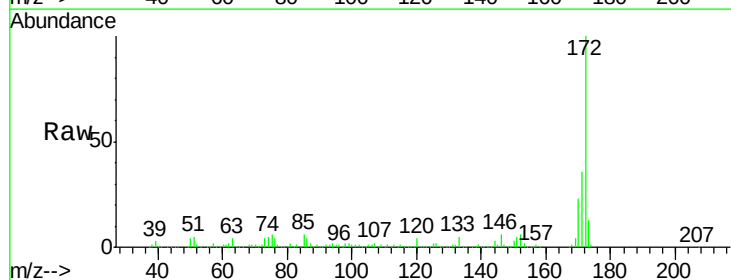
Instrument :
 BNA_M
 ClientSampleId :
 PB97950BL

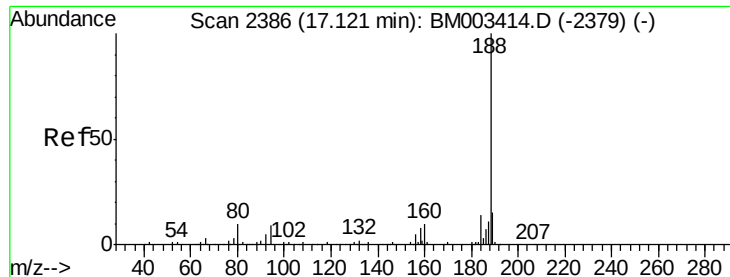
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	0.0	0.0#
141	41.8	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 90.11 ng
 RT: 13.11 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BM009477.D
 Acq: 31 Mar 2017 17:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	22.8	18.8	28.2

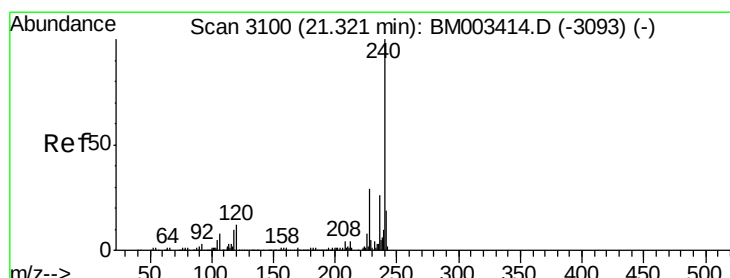
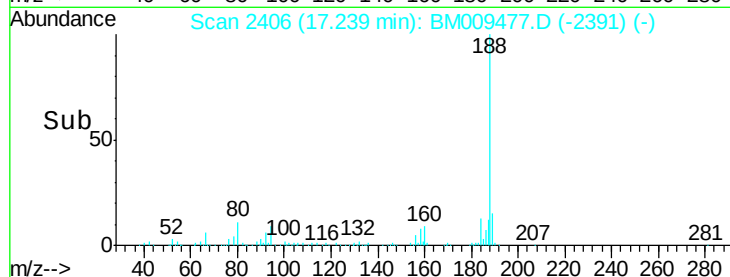
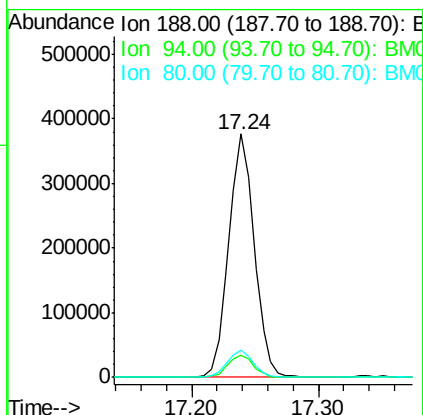
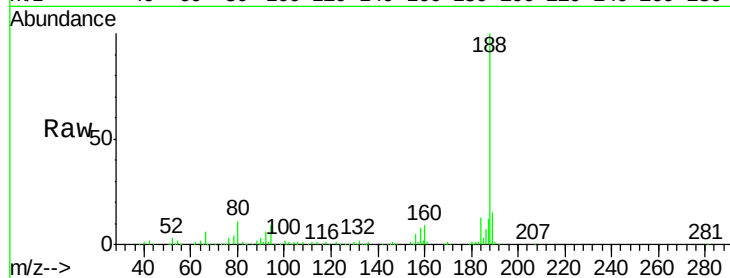




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.24 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BM009477.D
Acq: 31 Mar 2017 17:12

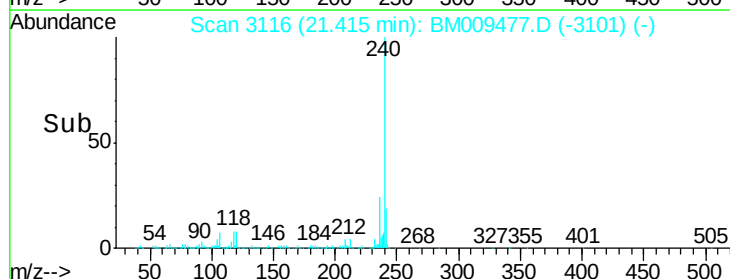
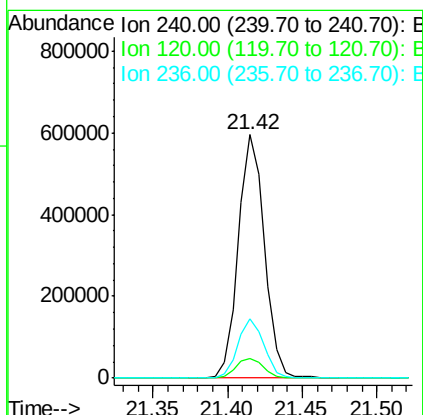
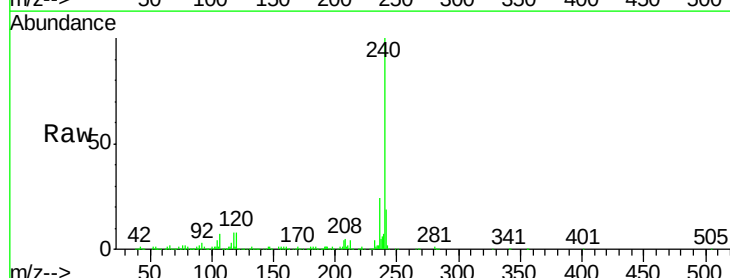
Instrument :
BNA_M
ClientSampleId :
PB97950BL

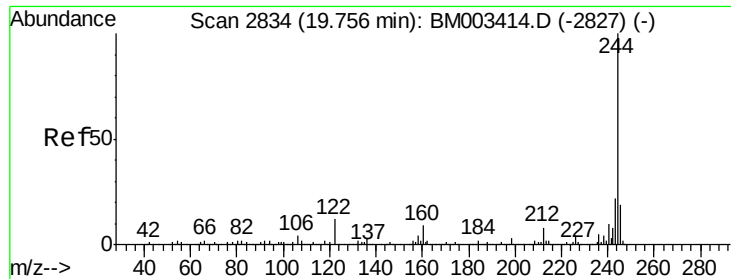
Tot Ion:188 Resp: 524669
Ion Ratio Lower Upper
188 100
94 9.3 8.7 13.1
80 11.2 9.3 13.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.42 min Scan# 3116
Delta R.T. -0.01 min
Lab File: BM009477.D
Acq: 31 Mar 2017 17:12

Tgt Ion:240 Resp: 726964
Ion Ratio Lower Upper
240 100
120 8.1 8.2 12.2#
236 24.1 20.0 30.0





#78

Terphenyl-d14

Concen: 79.18 ng

RT: 19.86 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BM009477.D

Acq: 31 Mar 2017 17:12

Instrument :

BNA_M

ClientSampleId :

PB97950BL

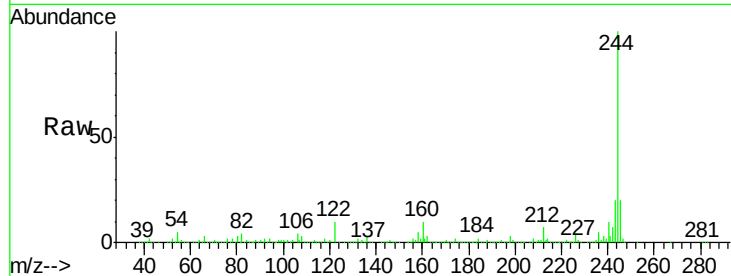
Tot Ion:244 Resp: 2754470

Ion Ratio Lower Upper

244 100

212 7.4 4.9 7.3#

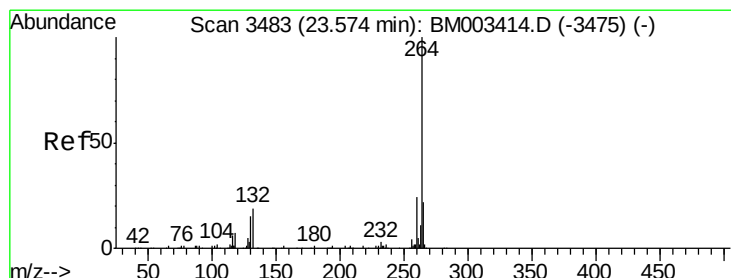
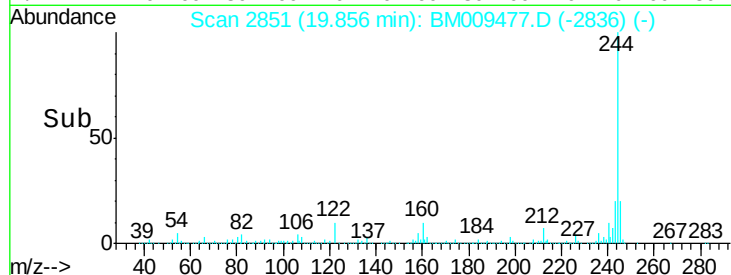
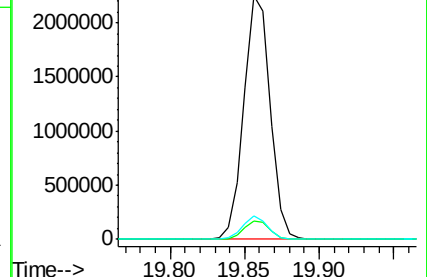
122 9.6 6.2 9.4#



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# 3511

Delta R.T. -0.02 min

Lab File: BM009477.D

Acq: 31 Mar 2017 17:12

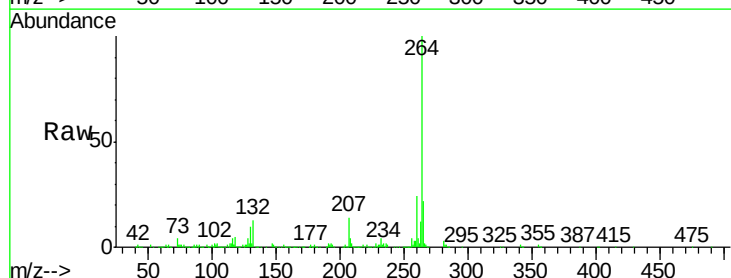
Tgt Ion:264 Resp: 693073

Ion Ratio Lower Upper

264 100

260 24.1 18.6 27.8

265 22.5 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

