

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122315\
 Data File : BM003712.D
 Acq On : 22 Dec 2015 17:34
 Operator : UM/SJ
 Sample : G4644-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 S8-0528

Quant Time: Dec 22 23:34:18 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM120915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 09 18:52:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	44686	20.00	ng	-0.03
21) Naphthalene-d8	10.48	136	160035	20.00	ng	-0.04
38) Acenaphthene-d10	14.35	164	77877	20.00	ng	-0.03
63) Phenanthrene-d10	17.09	188	199093	20.00	ng	-0.03
75) Chrysene-d12	21.29	240	171321	20.00	ng	-0.03
86) Perylene-d12	23.54	264	180953	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	152286	60.59	ng	-0.03
7) Phenol-d6	6.87	99	124990	35.81	ng	-0.02
23) Nitrobenzene-d5	8.85	82	263063	101.92	ng	-0.03
41) 2,4,6-Tribromophenol	15.84	330	136747	175.82	ng	-0.02
44) 2-Fluorobiphenyl	12.96	172	659948	115.46	ng	-0.03
78) Terphenyl-d14	19.73	244	650163	89.50	ng	-0.02

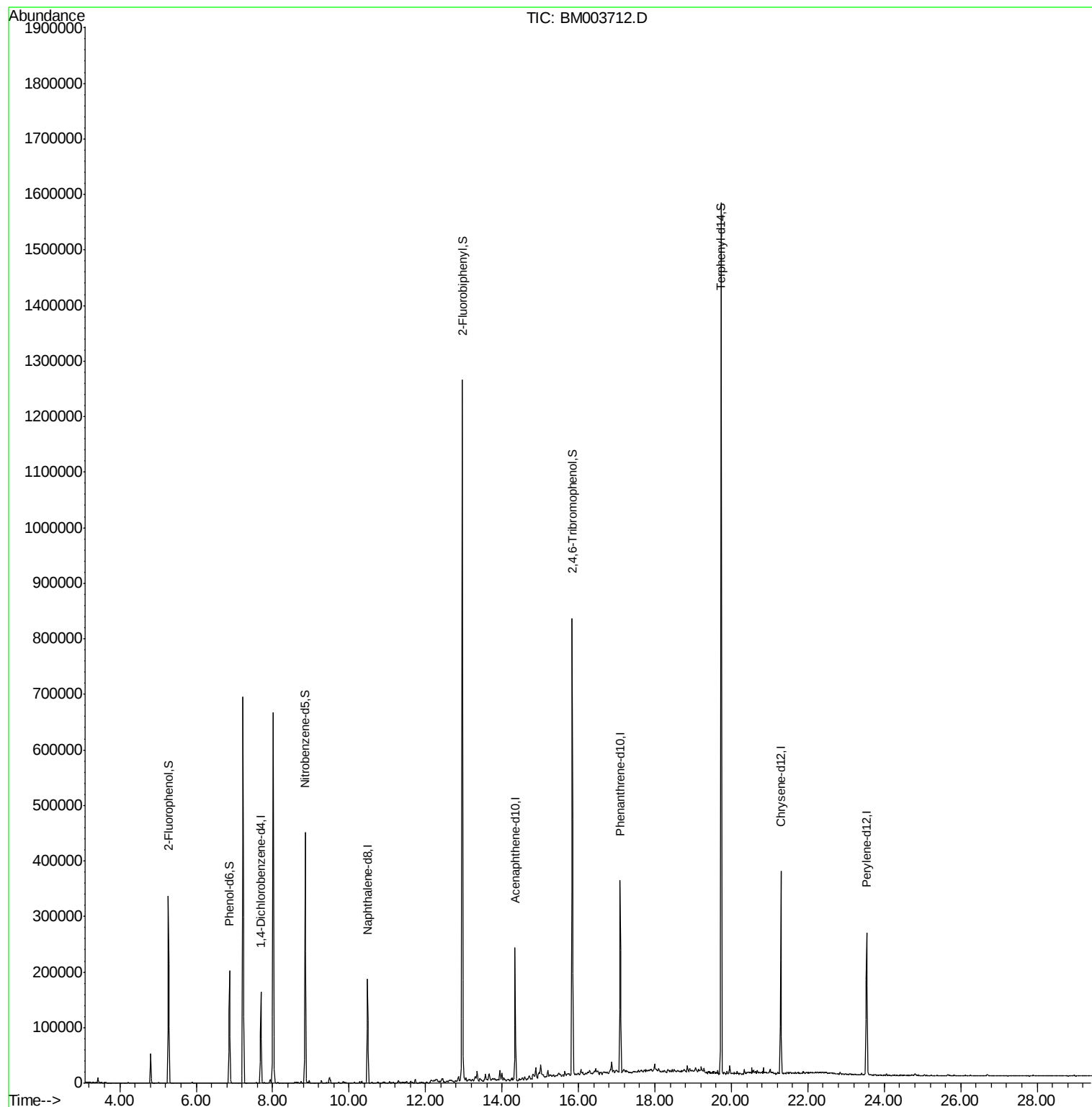
Target Compounds Qvalue

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

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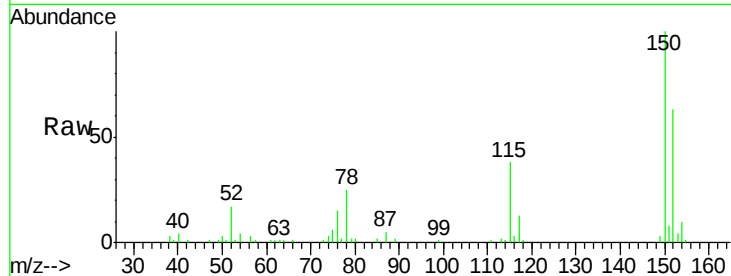


#1

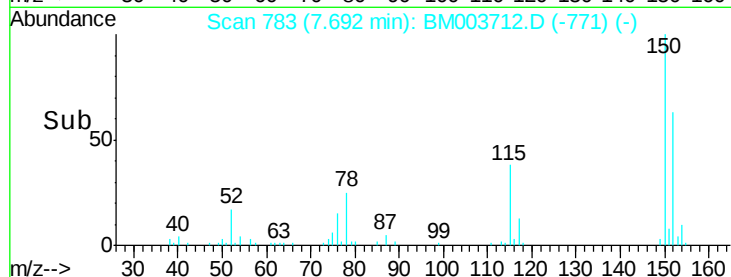
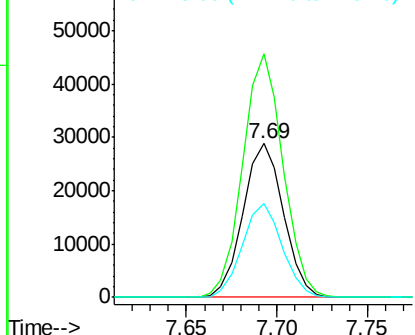
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 min Scan# 783
Delta R.T. -0.03 min
Lab File: BM003712.D
Acq: 22 Dec 2015 17:34

Instrument :
BNA_M
ClientSampleId :
S8-0528

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	119.5	179.3
115	60.7	43.0	64.4



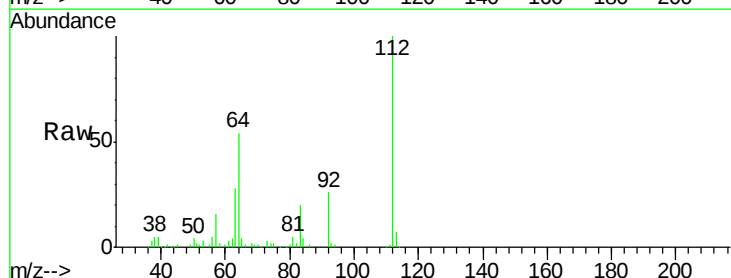
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



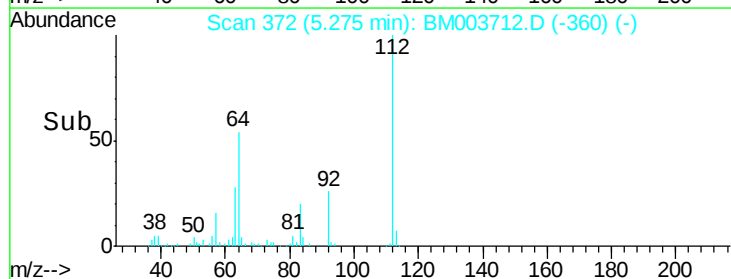
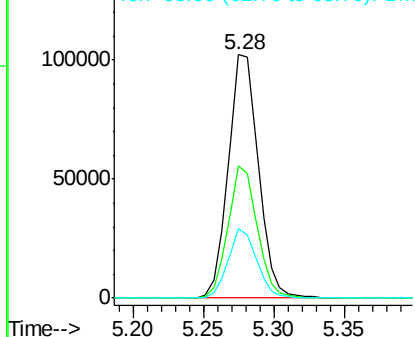
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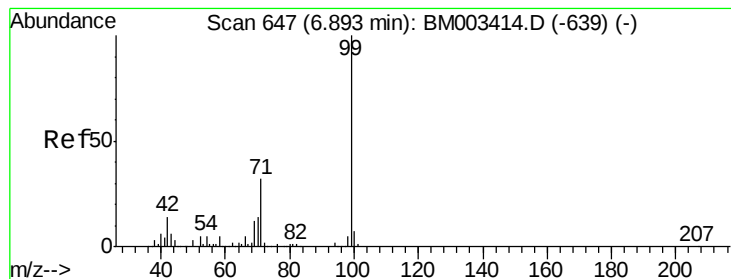
2-Fluorophenol
Concen: 60.59 ng
RT: 5.28 min Scan# 372
Delta R.T. -0.03 min
Lab File: BM003712.D
Acq: 22 Dec 2015 17:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.3	38.6	57.8
63	28.4	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: 35.81 ng

RT: 6.87 min Scan# 643

Delta R.T. -0.02 min

Lab File: BM003712.D

Acq: 22 Dec 2015 17:34

Instrument :

BNA_M

ClientSampleId :

S8-0528

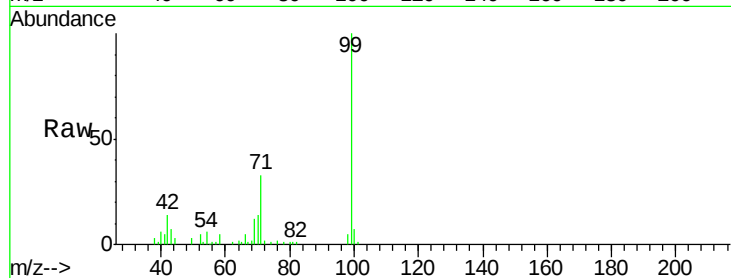
Tot Ion: 99 Resp: 124990

Ion Ratio Lower Upper

99 100

42 14.2 11.0 16.4

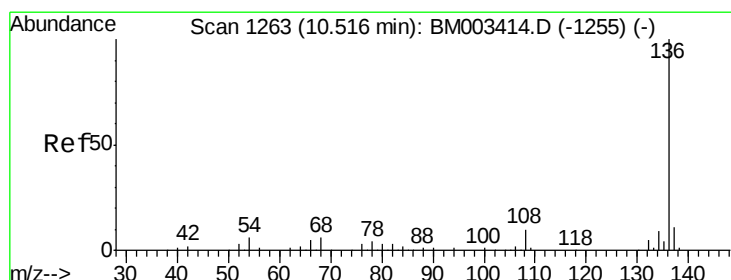
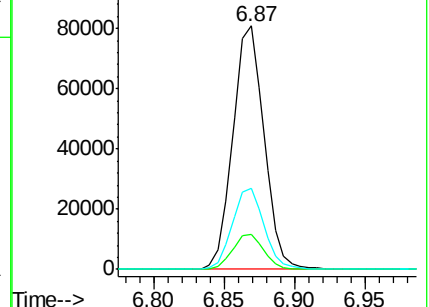
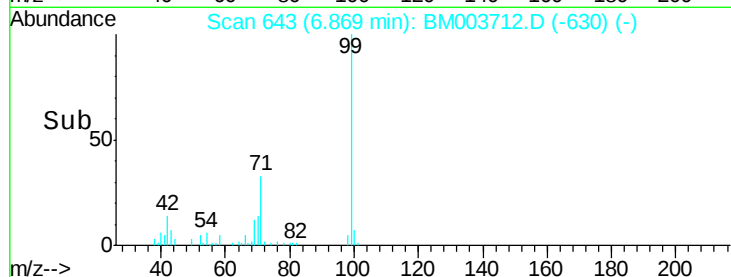
71 33.2 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BM003712.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM003712.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM003712.D (-630) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.48 min Scan# 1257

Delta R.T. -0.04 min

Lab File: BM003712.D

Acq: 22 Dec 2015 17:34

Tgt Ion: 136 Resp: 160035

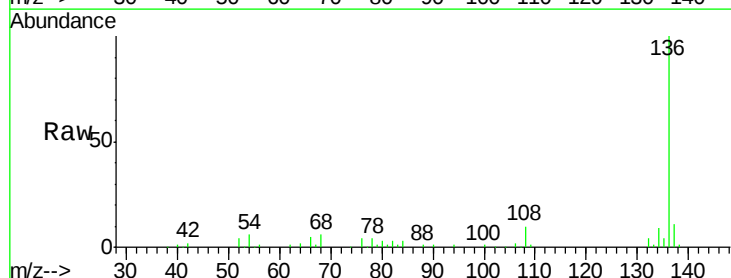
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 6.2 4.6 6.8

68 5.6 3.7 5.5#

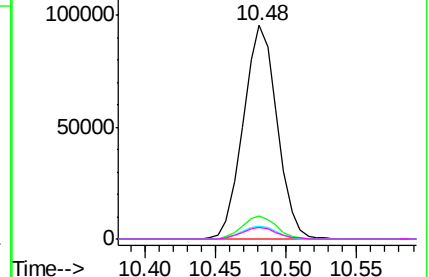
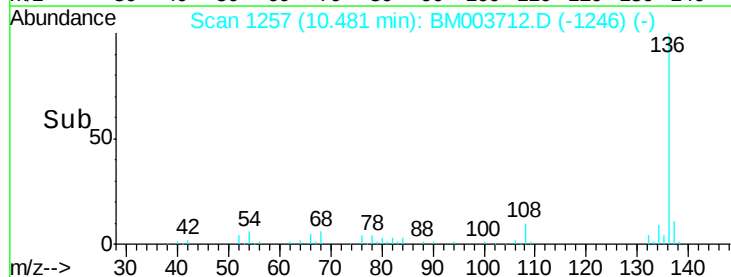


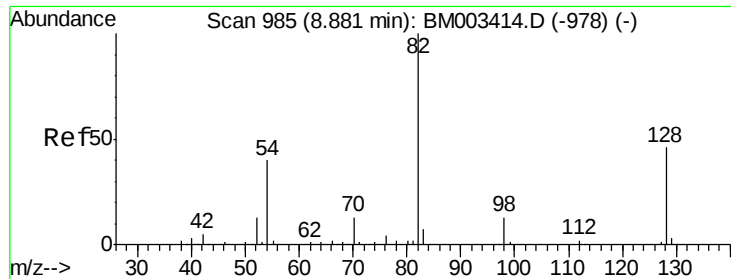
Abundance Ion 136.00 (135.70 to 136.70): BM003712.D (-1246) (-)

Ion 137.00 (136.70 to 137.70): BM003712.D (-1246) (-)

Ion 54.00 (53.70 to 54.70): BM003712.D (-1246) (-)

Ion 68.00 (67.70 to 68.70): BM003712.D (-1246) (-)

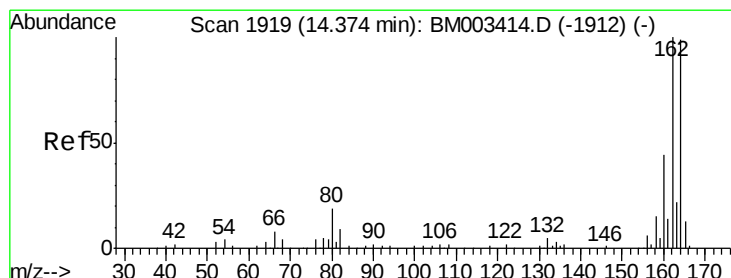
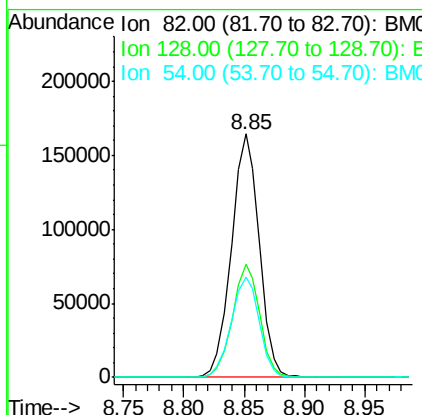
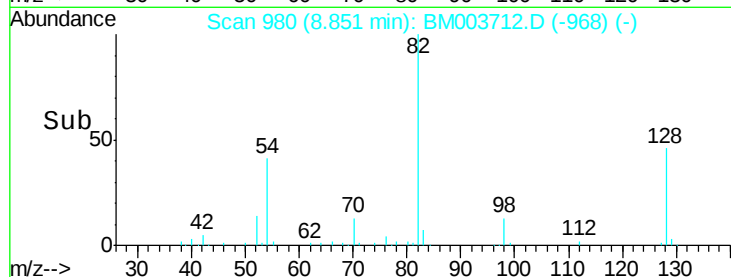
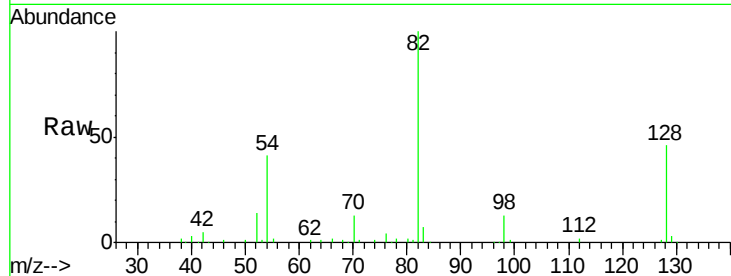




#23
 Nitrobenzene-d5
 Concen: 101.92 ng
 RT: 8.85 min Scan# 980
 Delta R.T. -0.03 min
 Lab File: BM003712.D
 Acq: 22 Dec 2015 17:34

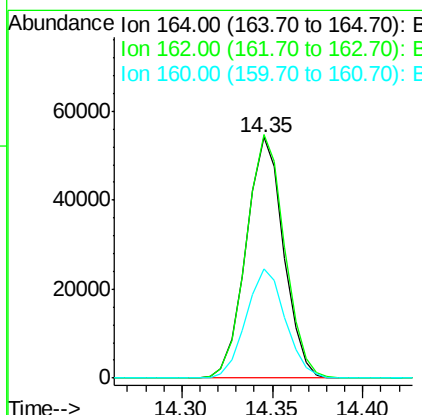
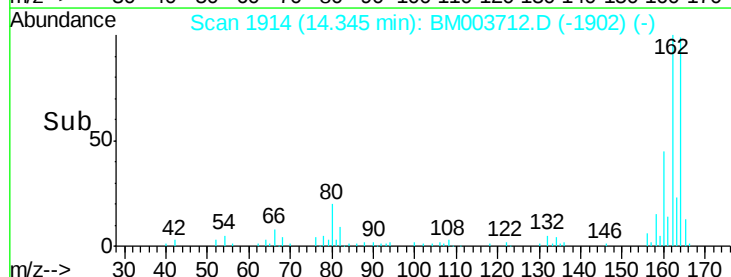
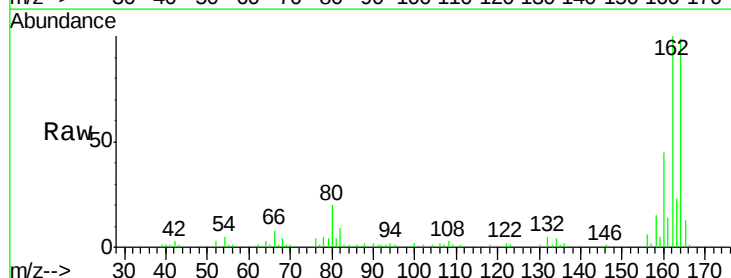
Instrument :
 BNA_M
 ClientSampled :
 S8-0528

Tot Ion	82	Resp	263063
Ion Ratio	100	Lower	Upper
128	46.4	32.8	49.2
54	41.1	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.35 min Scan# 1914
 Delta R.T. -0.03 min
 Lab File: BM003712.D
 Acq: 22 Dec 2015 17:34

Tgt Ion	164	Resp	77877
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	101.1	82.4	123.6
160	45.2	35.8	53.6

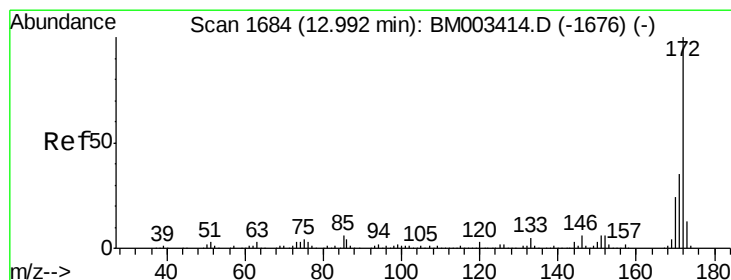
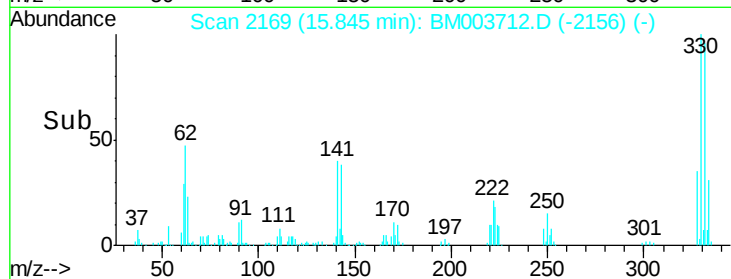
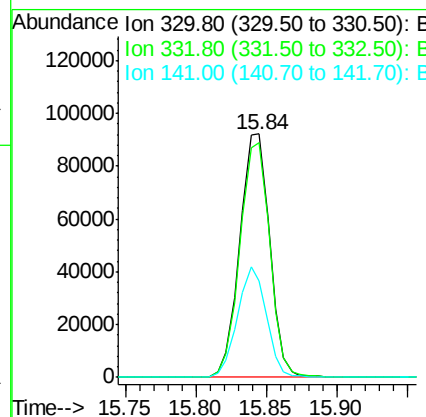
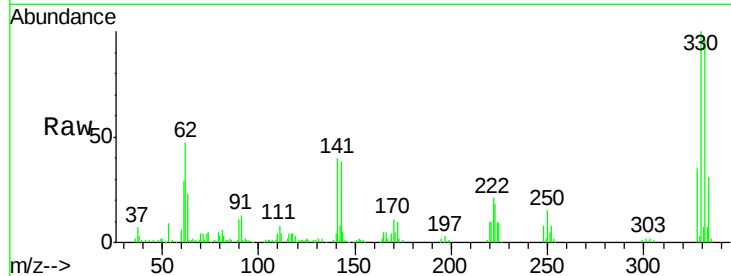




#41
 2,4,6-Tribromophenol
 Concen: 175.82 ng
 RT: 15.84 min Scan# 2169
 Delta R.T. -0.02 min
 Lab File: BM003712.D
 Acq: 22 Dec 2015 17:34

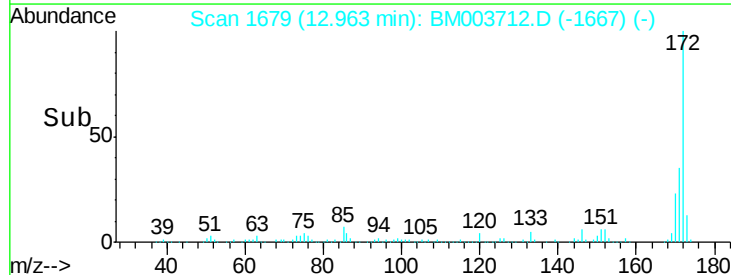
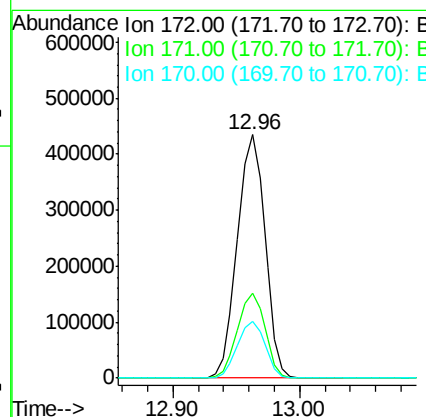
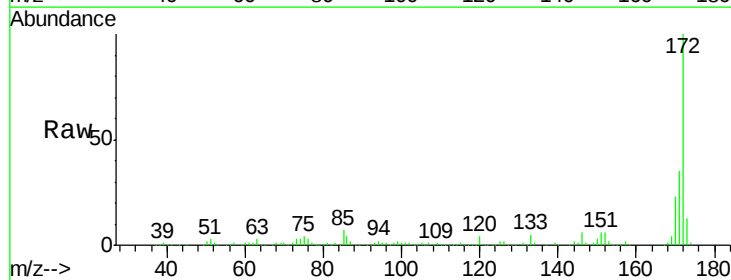
Instrument :
 BNA_M
 ClientSampleId :
 S8-0528

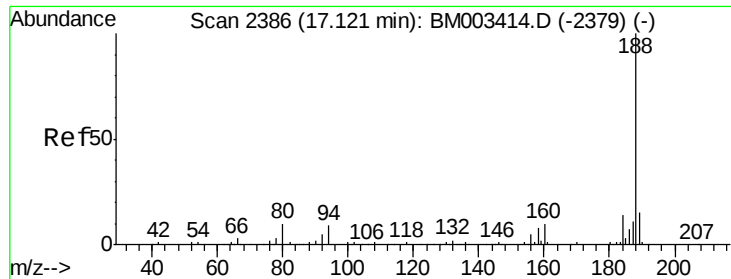
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	0.0	0.0#
141	44.1	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 115.46 ng
 RT: 12.96 min Scan# 1679
 Delta R.T. -0.03 min
 Lab File: BM003712.D
 Acq: 22 Dec 2015 17:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.5	42.7
170	23.3	18.8	28.2

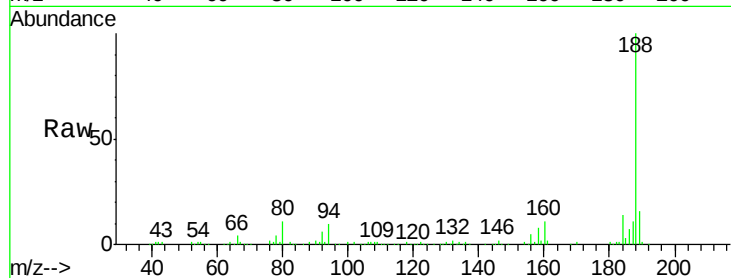




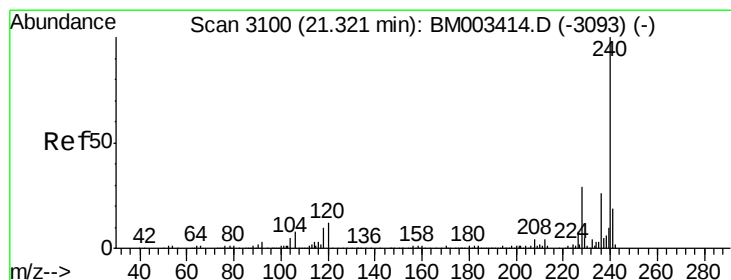
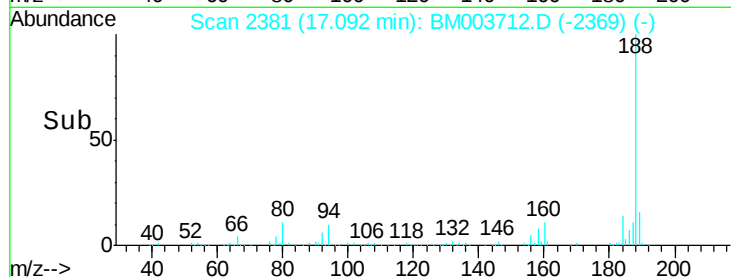
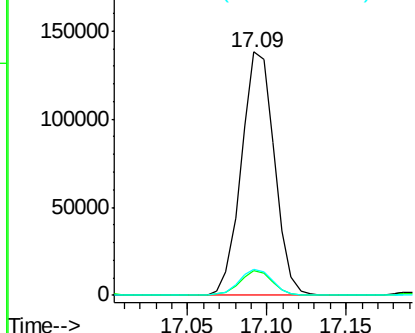
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.09 min Scan# 2381
Delta R.T. -0.03 min
Lab File: BM003712.D
Acq: 22 Dec 2015 17:34

Instrument :
BNA_M
ClientSampleId :
S8-0528

Tot Ion:188 Resp: 199093
Ion Ratio Lower Upper
188 100
94 10.0 8.7 13.1
80 10.8 9.3 13.9

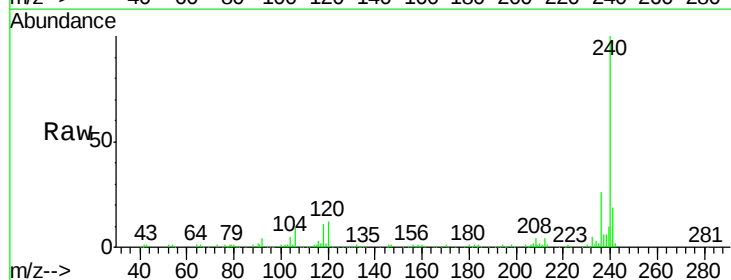


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

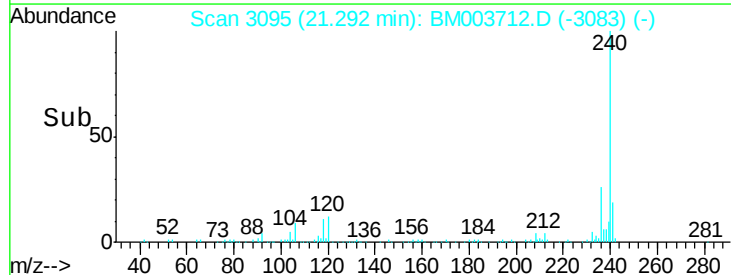
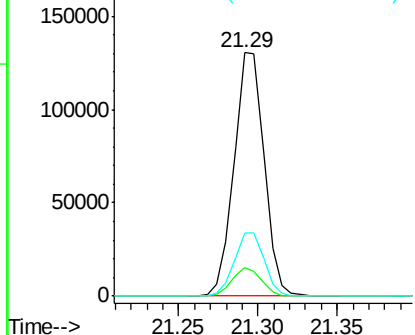


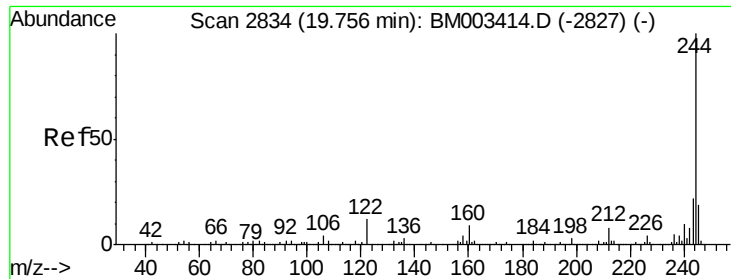
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.29 min Scan# 3095
Delta R.T. -0.03 min
Lab File: BM003712.D
Acq: 22 Dec 2015 17:34

Tgt Ion:240 Resp: 171321
Ion Ratio Lower Upper
240 100
120 11.7 8.2 12.2
236 25.9 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: 89.50 ng

RT: 19.73 min Scan# 2830

Delta R.T. -0.02 min

Lab File: BM003712.D

Acq: 22 Dec 2015 17:34

Instrument :

BNA_M

ClientSampleId :

S8-0528

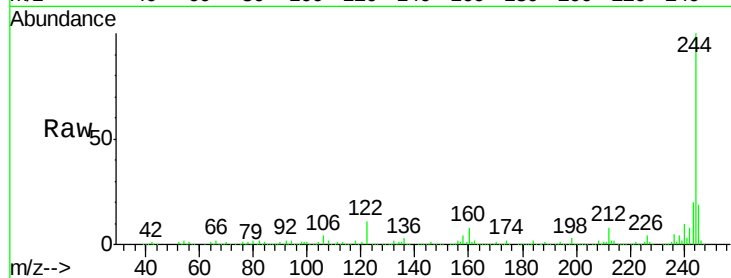
Tot Ion:244 Resp: 650163

Ion Ratio Lower Upper

244 100

212 7.9 4.9 7.3#

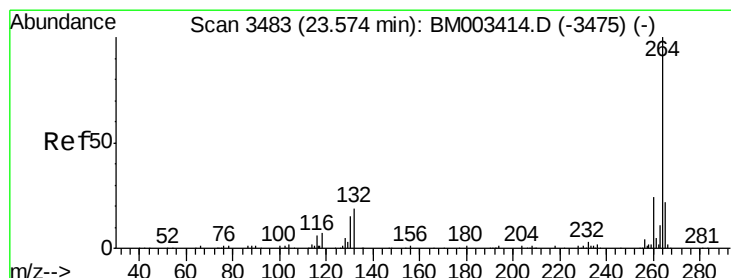
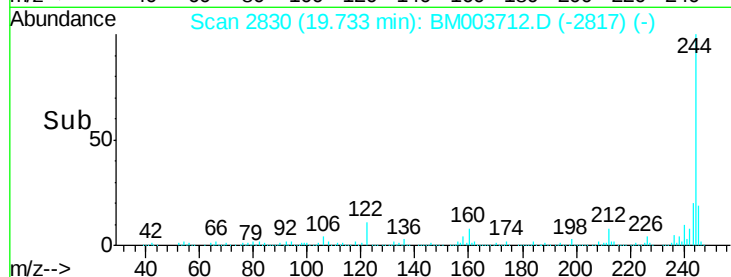
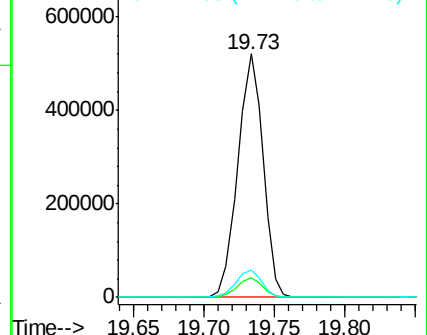
122 11.4 6.2 9.4#



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: 23.54 min Scan# 3477

Delta R.T. -0.04 min

Lab File: BM003712.D

Acq: 22 Dec 2015 17:34

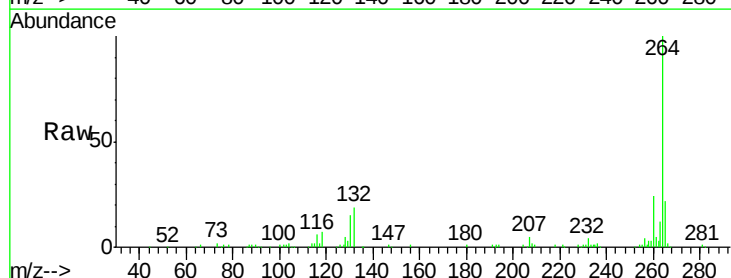
Tgt Ion:264 Resp: 180953

Ion Ratio Lower Upper

264 100

260 24.2 18.6 27.8

265 21.6 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

