

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040317\
 Data File : BM009520.D
 Acq On : 04 Apr 2017 03:04
 Operator : SJ/MA
 Sample : I2507-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-55-S1(1.5-2.0)

Quant Time: Apr 04 03:43:54 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

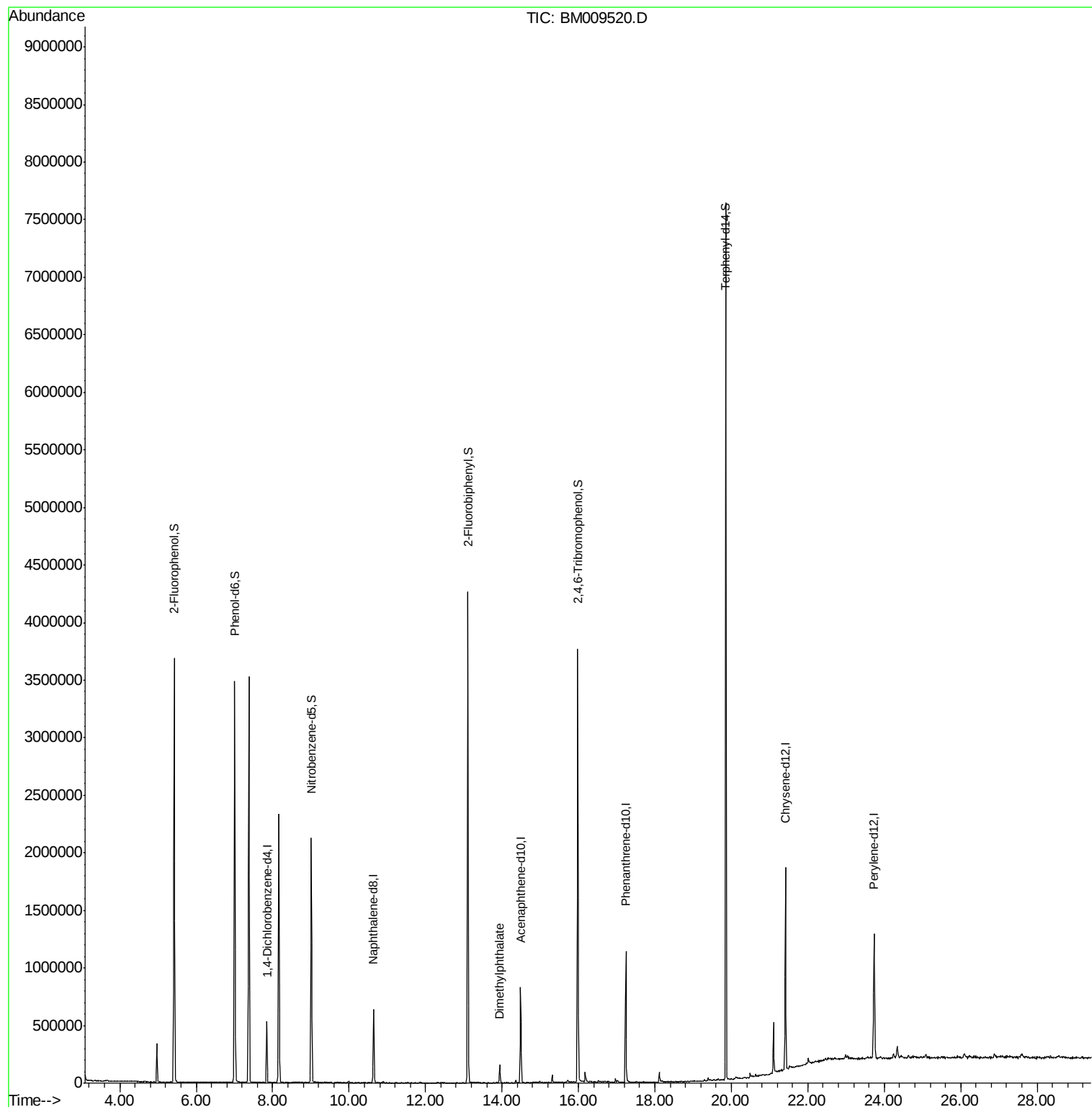
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	113238	20.00	ng	-0.02
21) Naphthalene-d8	10.64	136	449641	20.00	ng	-0.02
38) Acenaphthene-d10	14.49	164	253498	20.00	ng	-0.02
63) Phenanthrene-d10	17.24	188	623446	20.00	ng	-0.01
75) Chrysene-d12	21.42	240	830370	20.00	ng	-0.01
86) Perylene-d12	23.74	264	789331	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1206013	177.52	ng	-0.01
7) Phenol-d6	7.01	99	1702840	183.81	ng	-0.01
23) Nitrobenzene-d5	9.01	82	1194255	99.58	ng	-0.02
41) 2,4,6-Tribromophenol	15.98	330	535570	170.07	ng	-0.02
44) 2-Fluorobiphenyl	13.10	172	1869702	88.87	ng	-0.02
78) Terphenyl-d14	19.86	244	2937168	73.91	ng	-0.01
Target Compounds						
49) Dimethylphthalate	13.94	163	91261	4.69	ng	Qvalue # 92

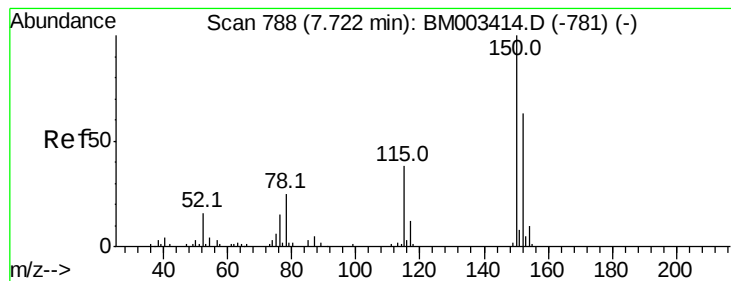
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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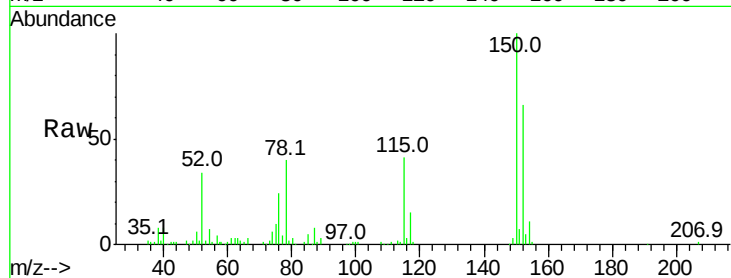


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 809
Delta R.T. -0.02 min
Lab File: BM009520.D
Acq: 04 Apr 2017 03:04

Instrument :
BNA_M
ClientSampleId :
B-55-S1(1.5-2.0)

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.7	119.5	179.3
115	61.9	43.0	64.4

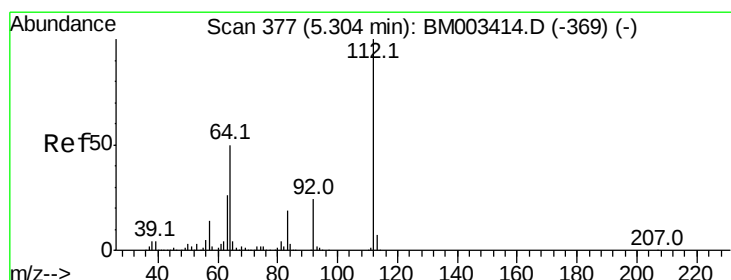
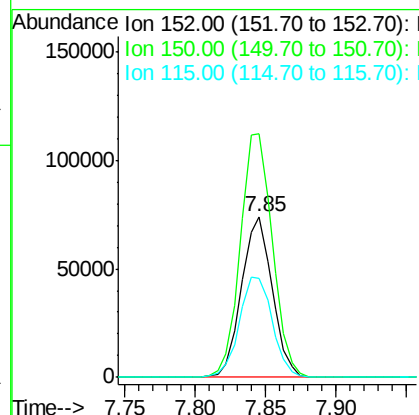
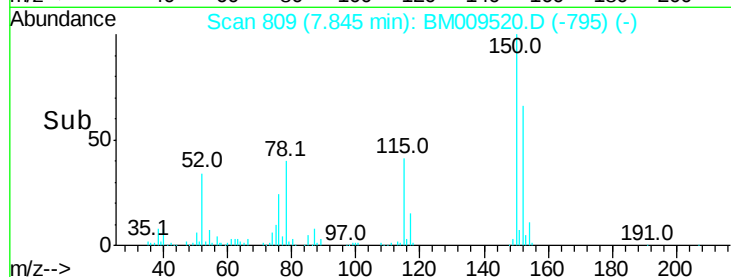


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

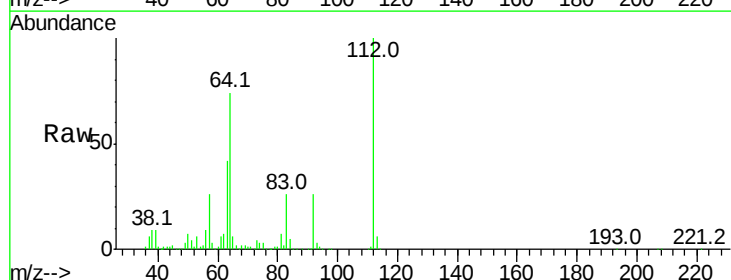
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 177.52 ng
RT: 5.42 min Scan# 397
Delta R.T. -0.01 min
Lab File: BM009520.D
Acq: 04 Apr 2017 03:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.1	38.6	57.8#
63	42.4	19.3	28.9#

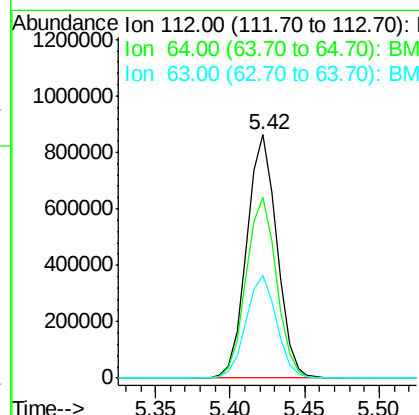
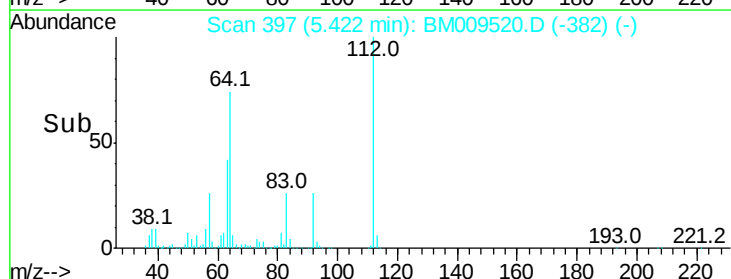


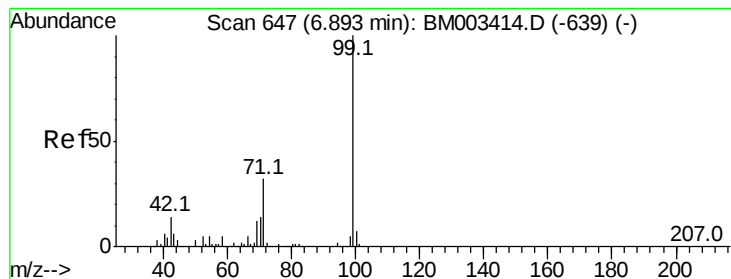
Abundance

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: 183.81 ng

RT: 7.01 min Scan# 667

Delta R.T. -0.01 min

Lab File: BM009520.D

Acq: 04 Apr 2017 03:04

Instrument :

BNA_M

ClientSampleId :

B-55-S1(1.5-2.0)

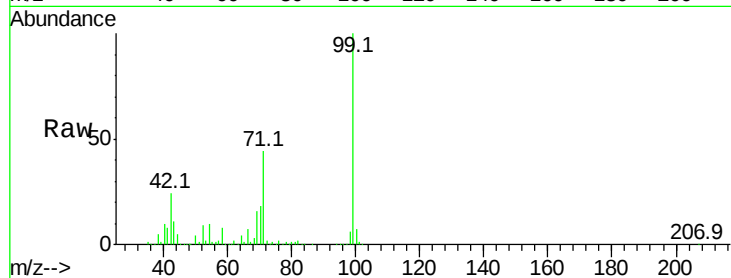
Tot Ion: 99 Resp: 1702840

Ion Ratio Lower Upper

99 100

42 24.5 11.0 16.4#

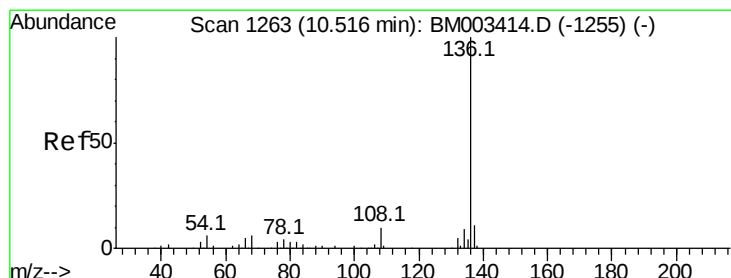
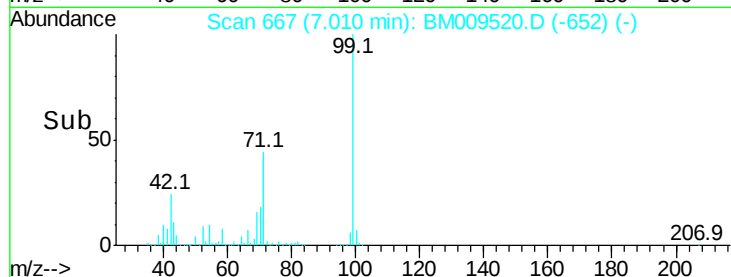
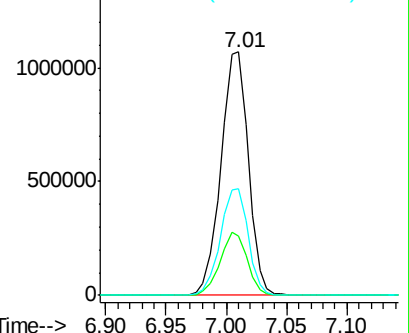
71 43.8 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM003414.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM003414.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM003414.D (-639) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.64 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BM009520.D

Acq: 04 Apr 2017 03:04

Tgt Ion: 136 Resp: 449641

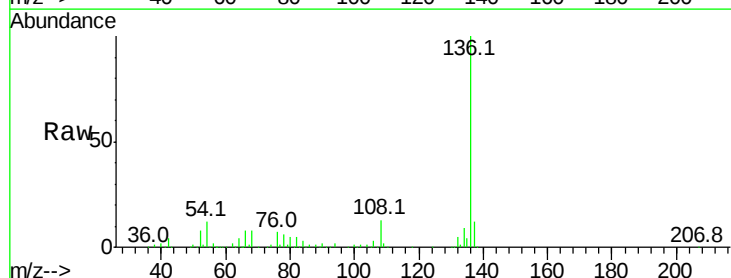
Ion Ratio Lower Upper

136 100

137 11.6 8.7 13.1

54 11.6 4.6 6.8#

68 7.7 3.7 5.5#

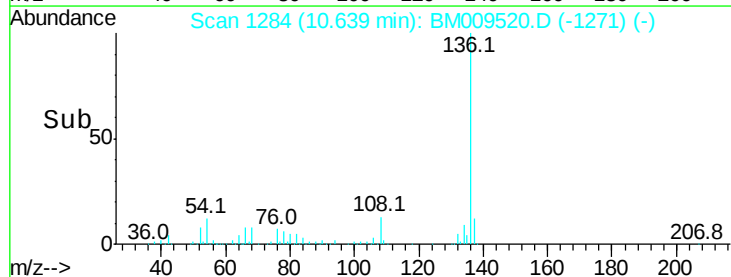
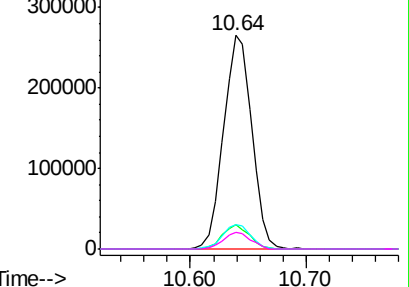


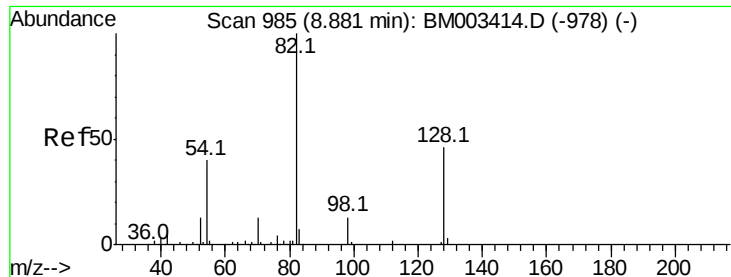
Abundance Ion 136.00 (135.70 to 136.70): BM003414.D (-1255) (-)

Ion 137.00 (136.70 to 137.70): BM003414.D (-1255) (-)

Ion 54.00 (53.70 to 54.70): BM003414.D (-1255) (-)

Ion 68.00 (67.70 to 68.70): BM003414.D (-1255) (-)

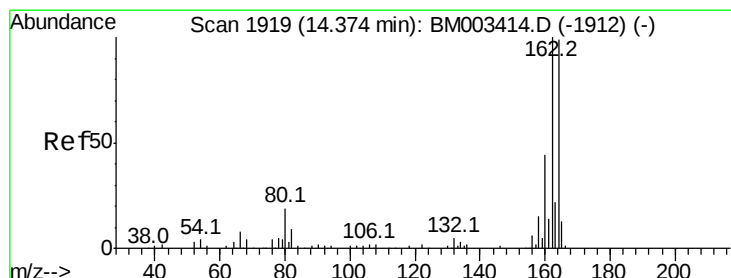
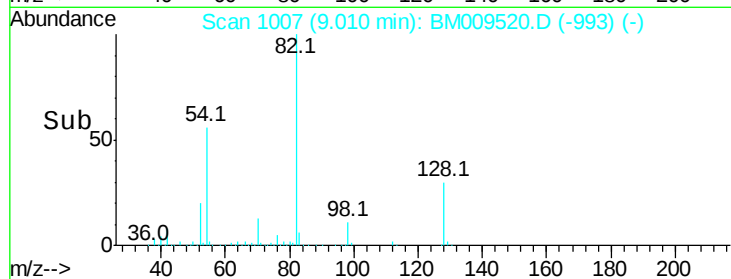
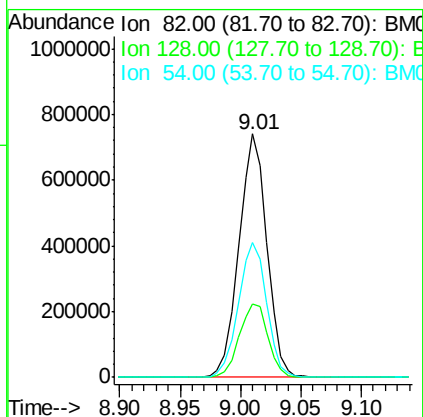
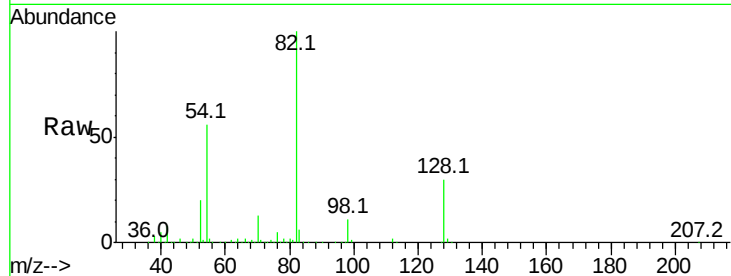




#23
Nitrobenzene-d5
Concen: 99.58 ng
RT: 9.01 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BM009520.D
Acq: 04 Apr 2017 03:04

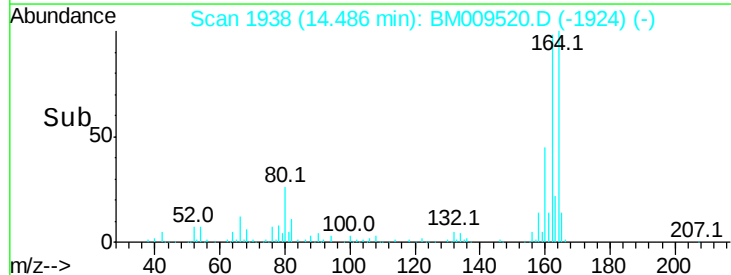
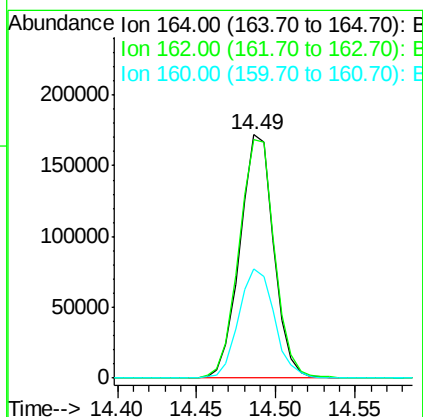
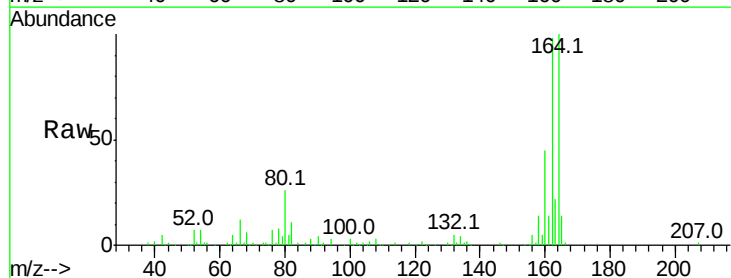
Instrument :
BNA_M
ClientSampleId :
B-55-S1(1.5-2.0)

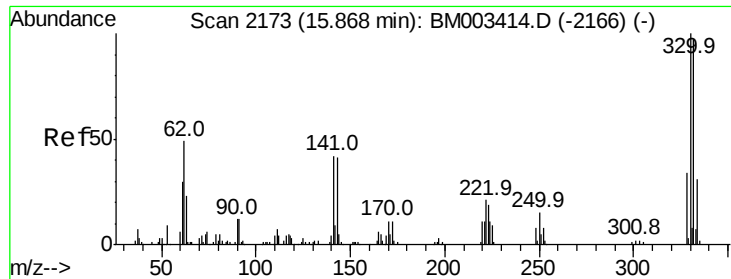
Tot Ion: 82 Resp: 1194255
Ion Ratio Lower Upper
82 100
128 30.1 32.8 49.2#
54 55.5 40.6 60.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.49 min Scan# 1938
Delta R.T. -0.02 min
Lab File: BM009520.D
Acq: 04 Apr 2017 03:04

Tgt Ion:164 Resp: 253498
Ion Ratio Lower Upper
164 100
162 98.2 82.4 123.6
160 45.1 35.8 53.6

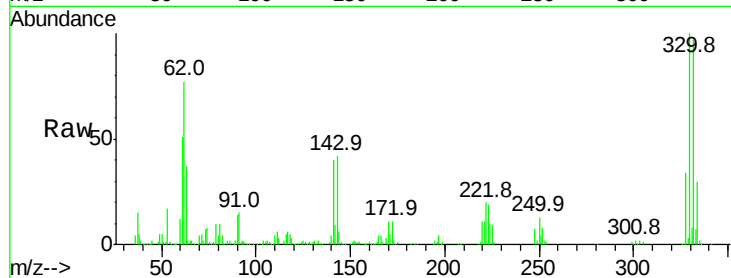




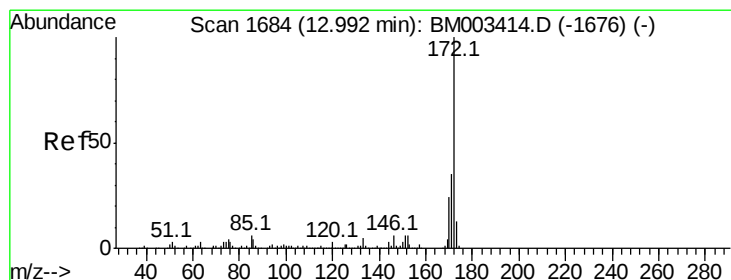
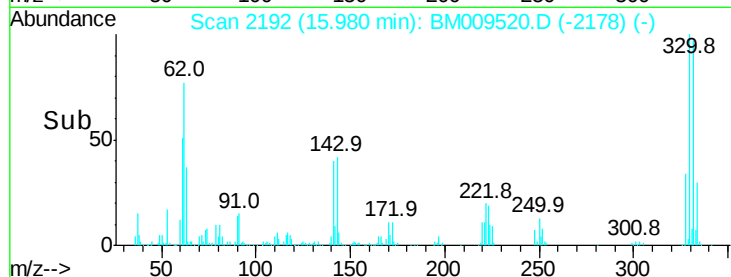
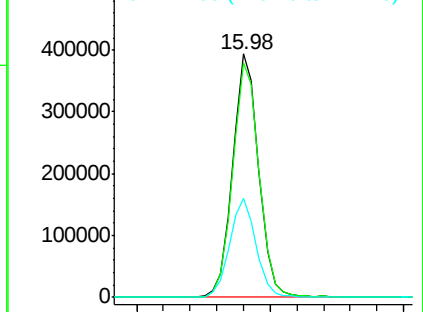
#41
 2,4,6-Tribromophenol
 Concen: 170.07 ng
 RT: 15.98 min Scan# 2192
 Delta R.T. -0.02 min
 Lab File: BM009520.D
 Acq: 04 Apr 2017 03:04

Instrument :
 BNA_M
 ClientSampleId :
 B-55-S1(1.5-2.0)

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	0.0	0.0#
141	41.1	0.0	0.0#

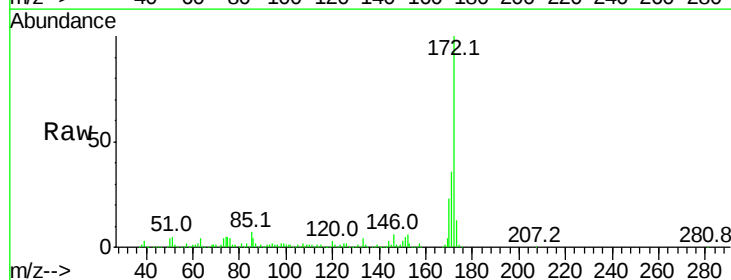


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

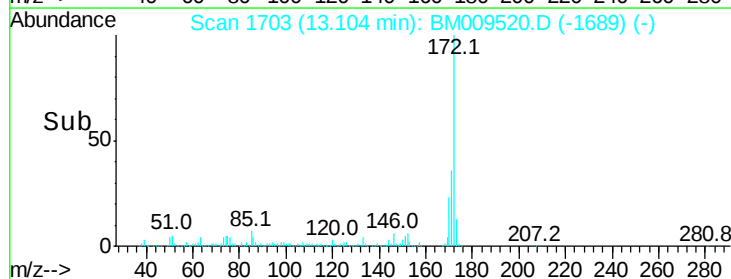
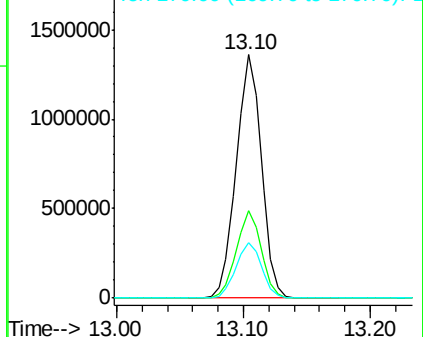


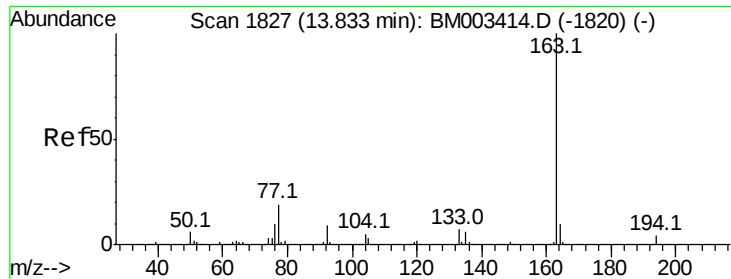
#44
 2-Fluorobiphenyl
 Concen: 88.87 ng
 RT: 13.10 min Scan# 1703
 Delta R.T. -0.02 min
 Lab File: BM009520.D
 Acq: 04 Apr 2017 03:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.5	42.7
170	22.7	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: 4.69 ng

RT: 13.94 min Scan# 1845

Delta R.T. -0.02 min

Lab File: BM009520.D

Acq: 04 Apr 2017 03:04

Instrument :

BNA_M

ClientSampleId :

B-55-S1(1.5-2.0)

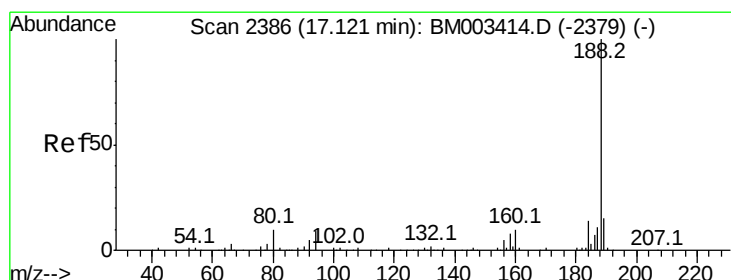
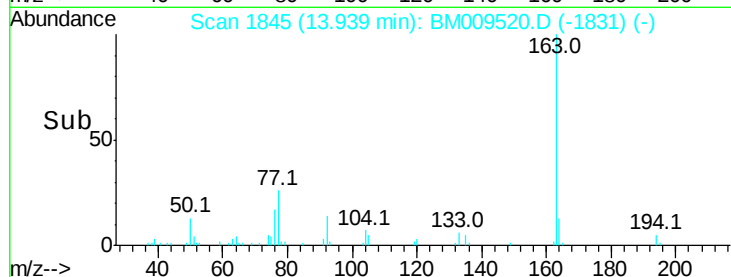
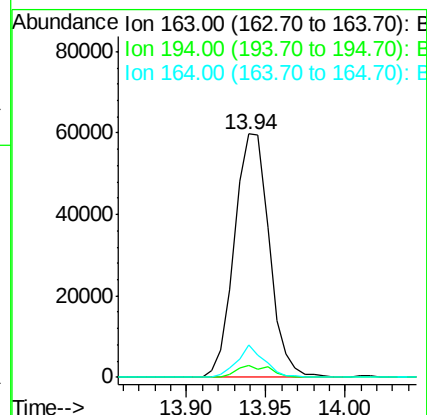
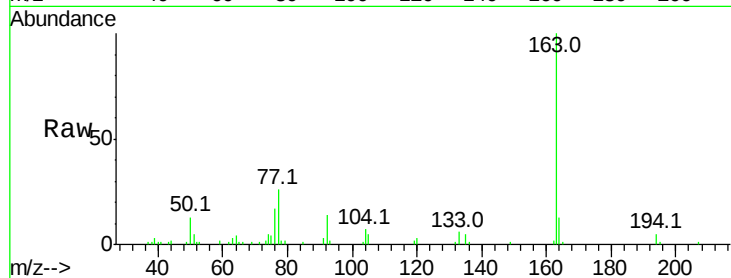
Tot Ion:163 Resp: 91261

Ion Ratio Lower Upper

163 100

194 4.8 2.7 4.1#

164 13.5 8.2 12.2#



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.24 min Scan# 2406

Delta R.T. -0.01 min

Lab File: BM009520.D

Acq: 04 Apr 2017 03:04

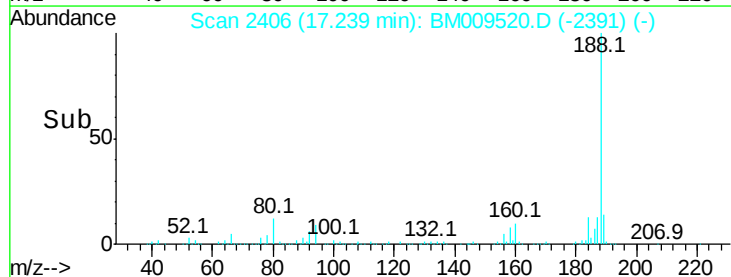
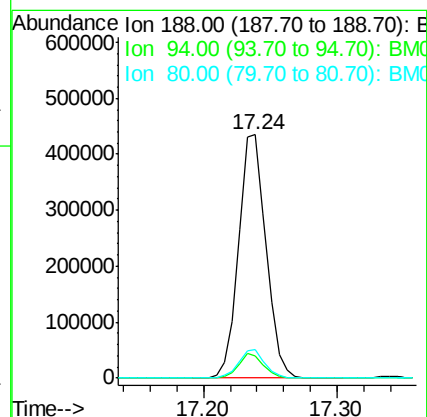
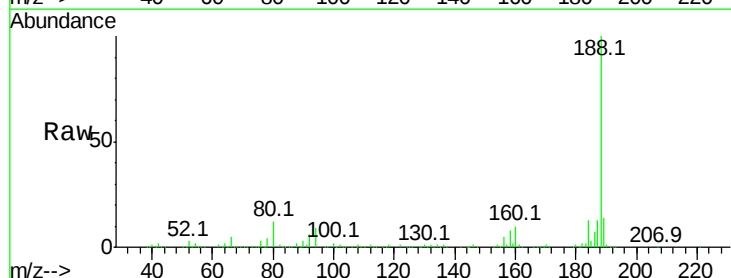
Tgt Ion:188 Resp: 623446

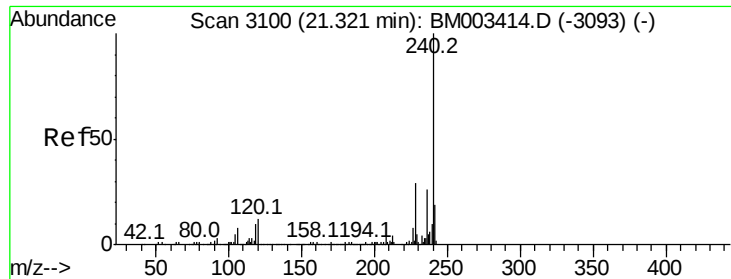
Ion Ratio Lower Upper

188 100

94 9.1 8.7 13.1

80 11.6 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: BM009520.D

Acq: 04 Apr 2017 03:04

Instrument :

BNA_M

ClientSampleId :

B-55-S1(1.5-2.0)

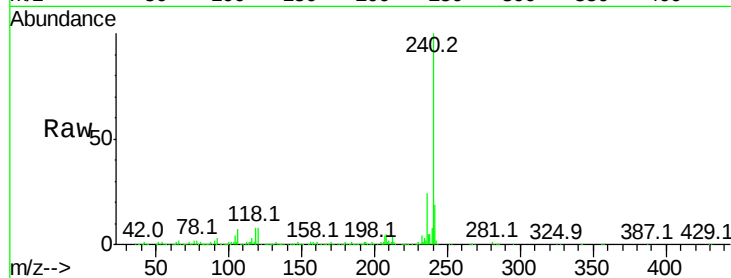
Tot Ion:240 Resp: 830370

Ion Ratio Lower Upper

240 100

120 8.0 8.2 12.2#

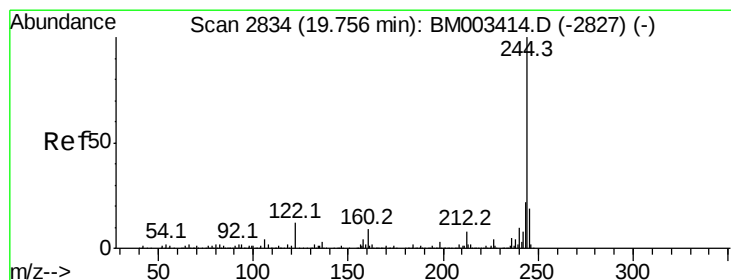
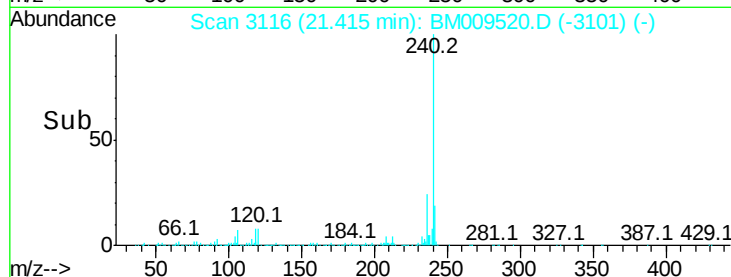
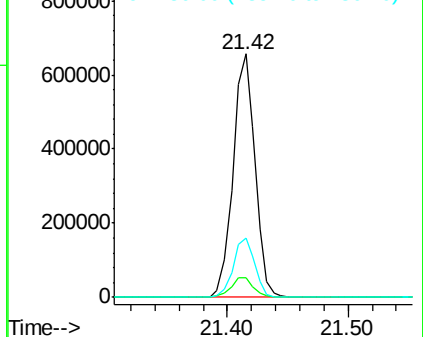
236 24.2 20.0 30.0



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: 73.91 ng

RT: 19.86 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BM009520.D

Acq: 04 Apr 2017 03:04

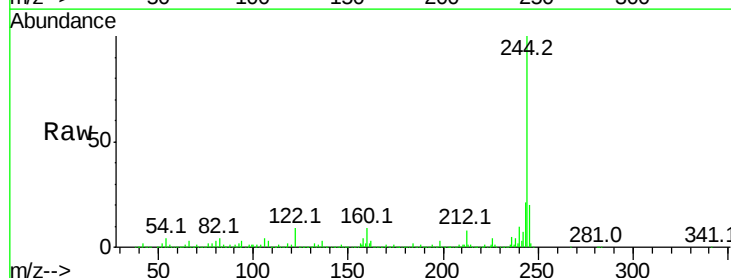
Tgt Ion:244 Resp: 2937168

Ion Ratio Lower Upper

244 100

212 7.7 4.9 7.3#

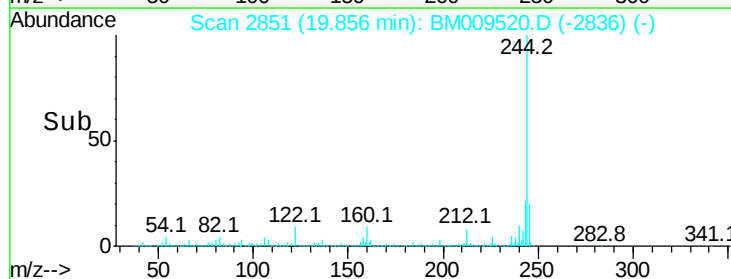
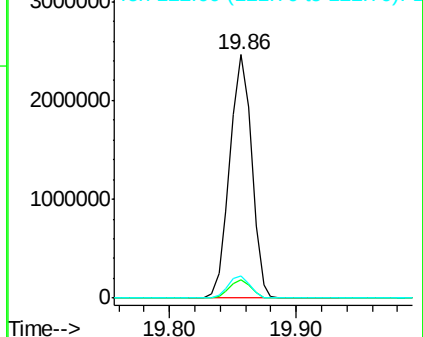
122 9.1 6.2 9.4

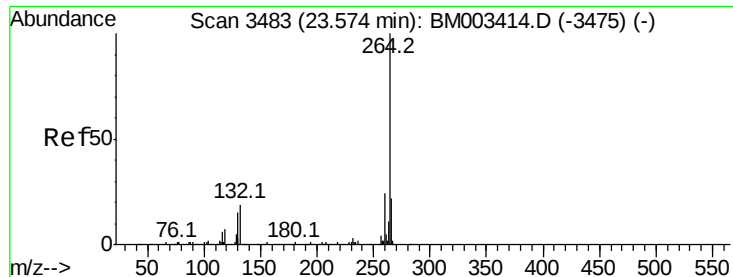


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.74 min Scan# 3511
 Delta R.T. -0.02 min
 Lab File: BM009520.D
 Acq: 04 Apr 2017 03:04

Instrument :
 BNA_M
 ClientSampleId :
 B-55-S1(1.5-2.0)

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.0	18.6	27.8
265	21.7	17.3	25.9

