

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050517\
 Data File : BM009915.D
 Acq On : 05 May 2017 22:52
 Operator : SJ/MA
 Sample : I2893-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 3067-SPP3

Quant Time: May 06 00:20:28 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	7.78	152	92473	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	361502	20.00	ng	0.00
38) Acenaphthene-d10	14.43	164	223601	20.00	ng	0.00
63) Phenanthrene-d10	17.19	188	565592	20.00	ng	-0.01
75) Chrysene-d12	21.37	240	739365	20.00	ng	-0.01
86) Perylene-d12	23.68	264	678671	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	354847	61.09	ng	0.00
7) Phenol-d6	6.96	99	303794	34.12	ng	-0.01
23) Nitrobenzene-d5	8.95	82	991140	99.22	ng	0.00
41) 2,4,6-Tribromophenol	15.93	330	533593	174.73	ng	0.00
44) 2-Fluorobiphenyl	13.05	172	1756899	102.37	ng	0.00
78) Terphenyl-d14	19.82	244	3500737	97.13	ng	0.00

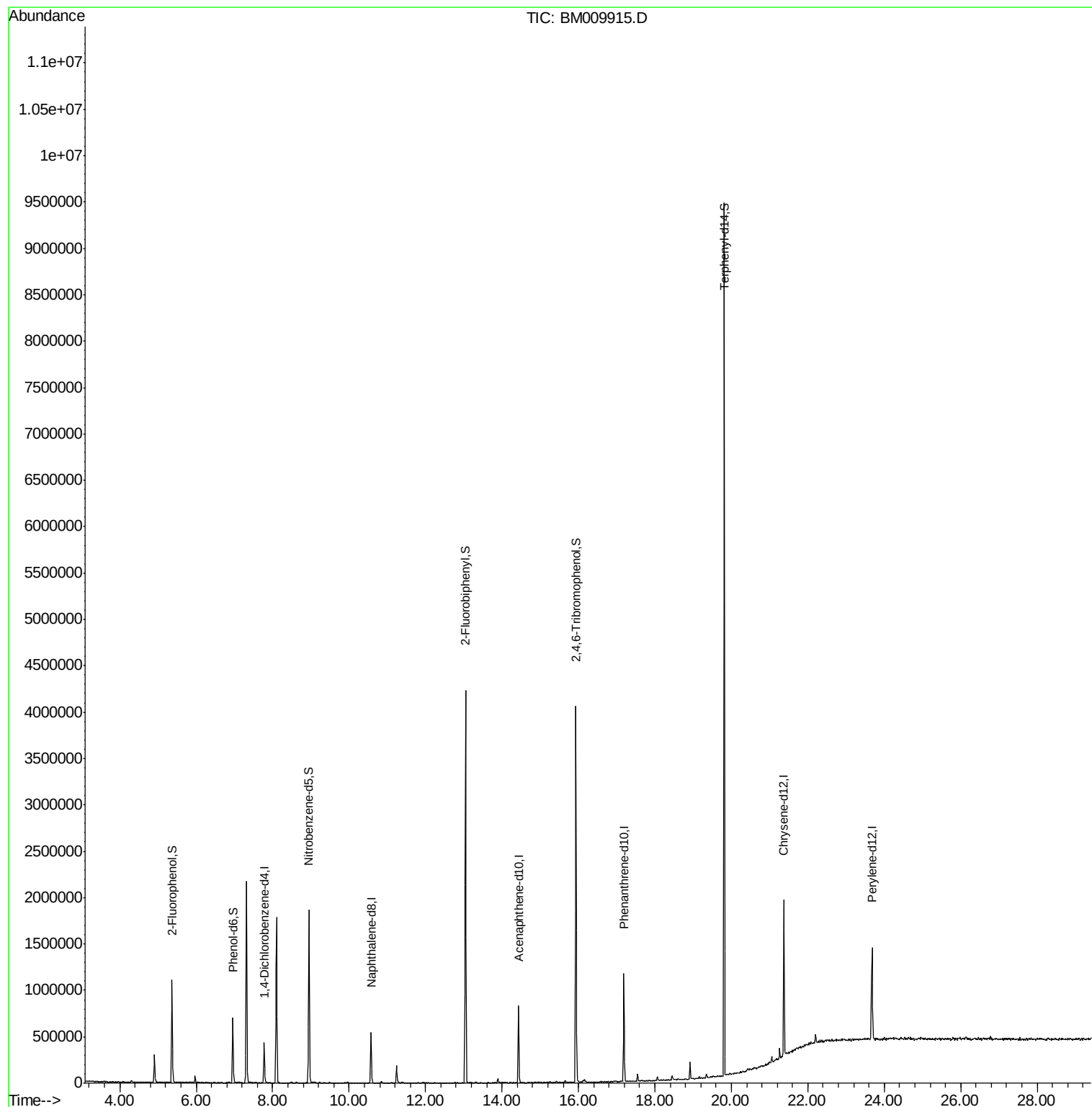
Target Compounds	Qvalue
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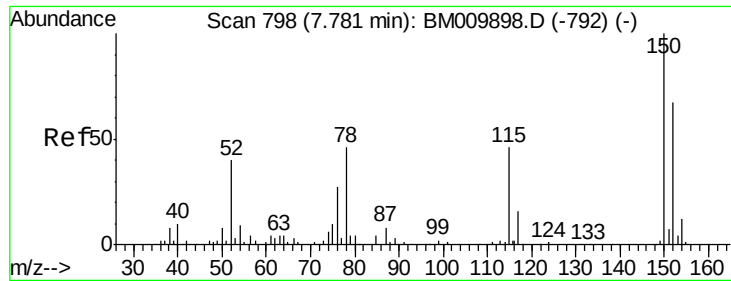
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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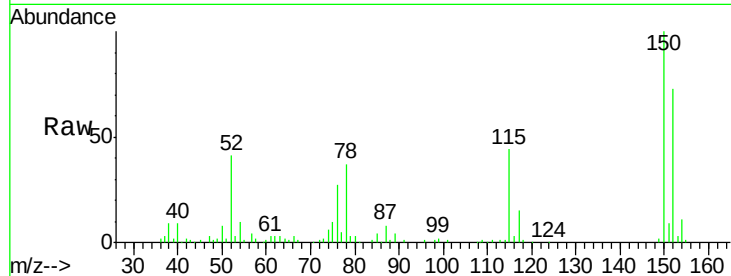


#1

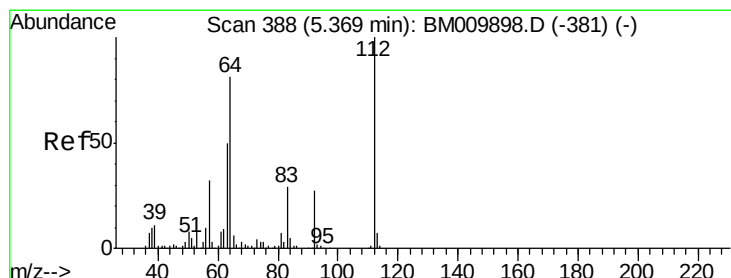
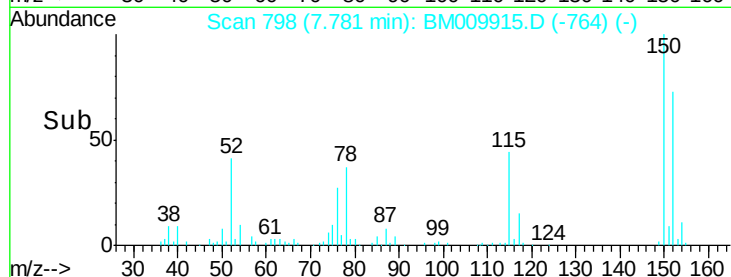
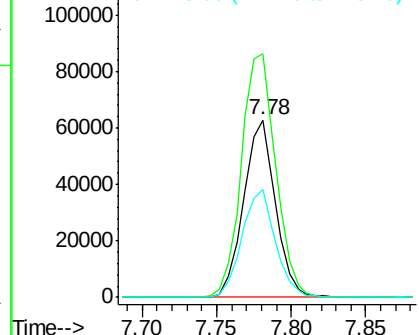
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.78 min Scan# 798
Delta R.T. 0.00 min
Lab File: BM009915.D
Acq: 05 May 2017 22:52

Instrument :
BNA_M
ClientSampleId :
3067-SPP3

Tgt Ion:152 Resp: 92473
Ion Ratio Lower Upper
152 100
150 137.3 119.5 179.3
115 60.7 43.0 64.4



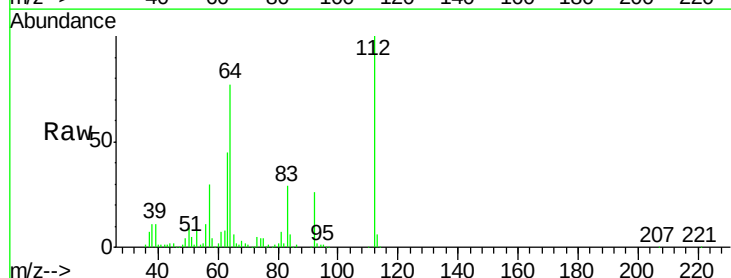
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



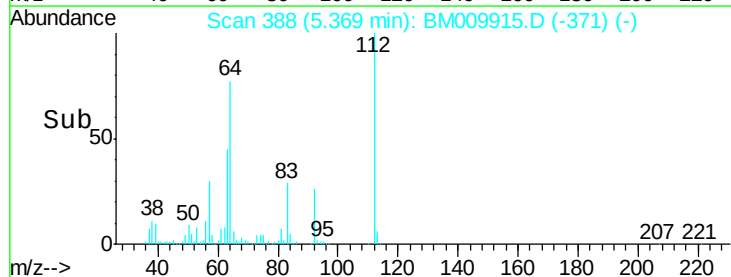
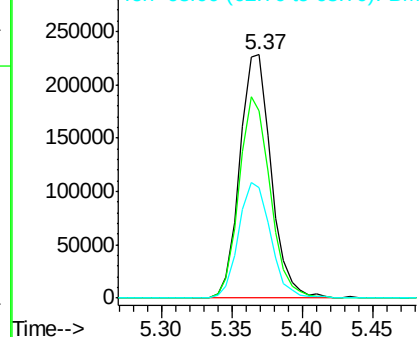
#5

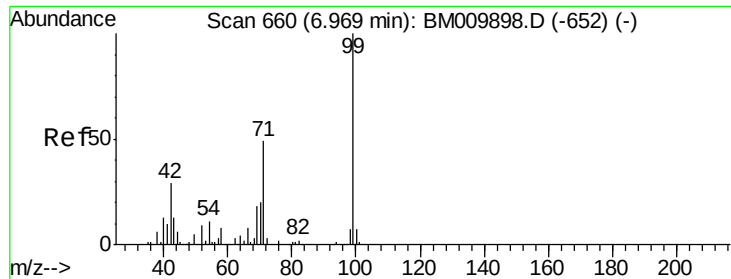
2-Fluorophenol
Concen: 61.09 ng
RT: 5.37 min Scan# 388
Delta R.T. 0.00 min
Lab File: BM009915.D
Acq: 05 May 2017 22:52

Tgt Ion:112 Resp: 354847
Ion Ratio Lower Upper
112 100
64 76.9 38.6 57.8#
63 45.2 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: 34.12 ng

RT: 6.96 min Scan# 658

Delta R.T. -0.01 min

Lab File: BM009915.D

Acq: 05 May 2017 22:52

Instrument :

BNA_M

ClientSampleId :

3067-SPP3

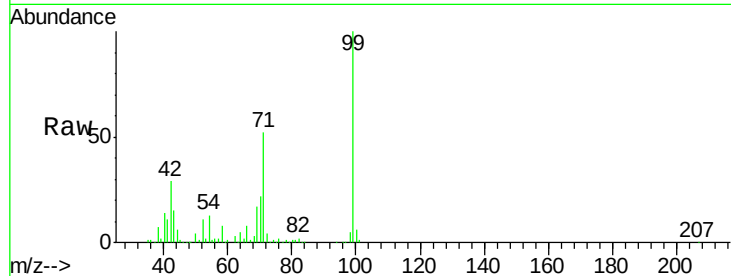
Tgt Ion: 99 Resp: 303794

Ion Ratio Lower Upper

99 100

42 29.3 11.0 16.4#

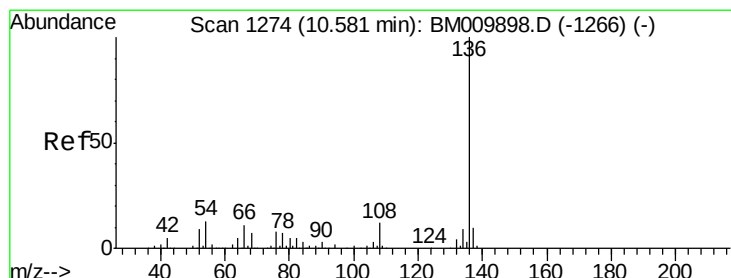
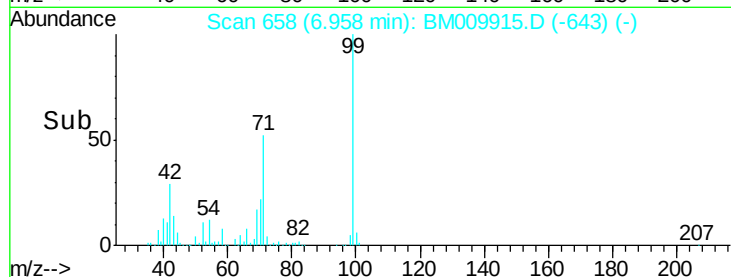
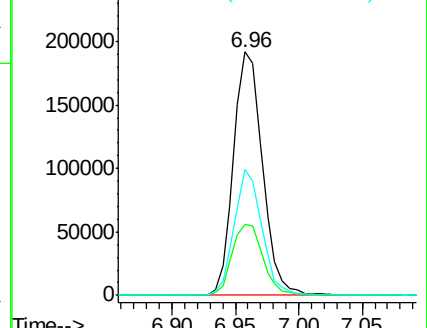
71 51.6 23.4 35.2#



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) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BM009915.D

Acq: 05 May 2017 22:52

Tgt Ion: 136 Resp: 361502

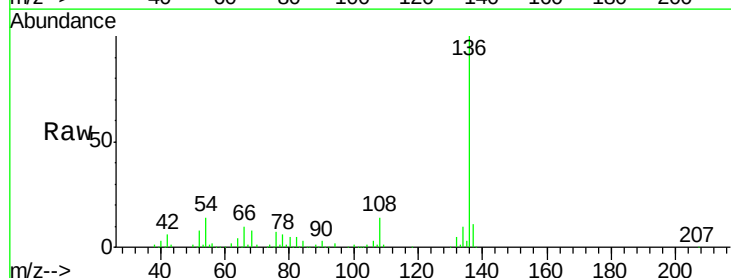
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 14.3 4.6 6.8#

68 7.8 3.7 5.5#

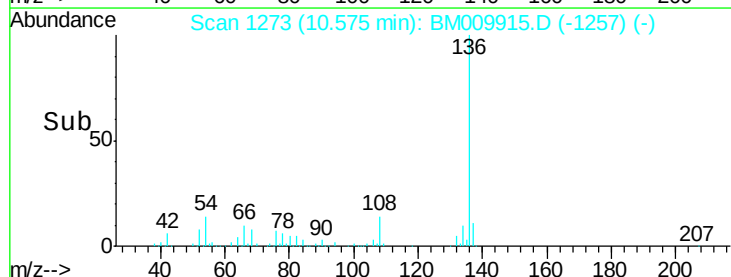
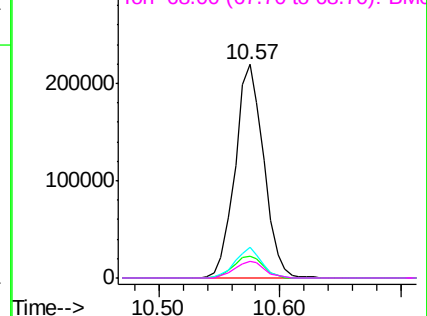


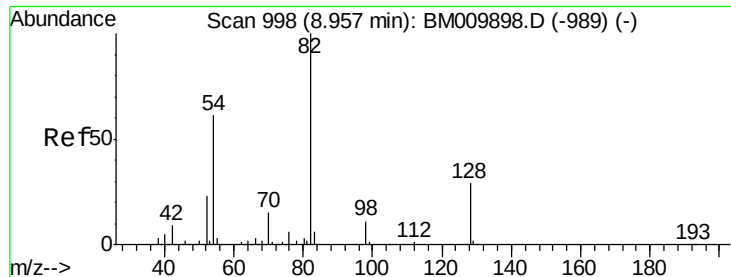
Abundance Ion 136.00 (135.70 to 136.70): BM009898.D (-1266) (-)

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) (-)

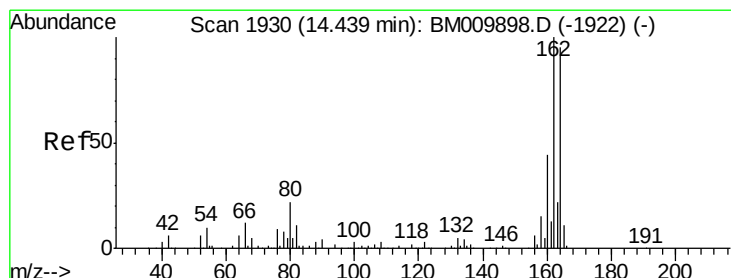
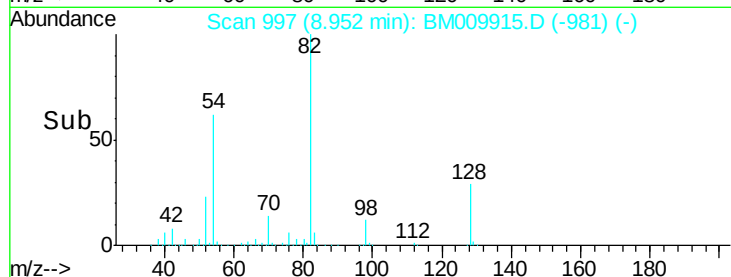
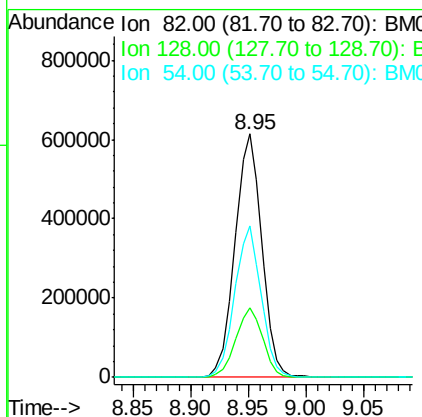
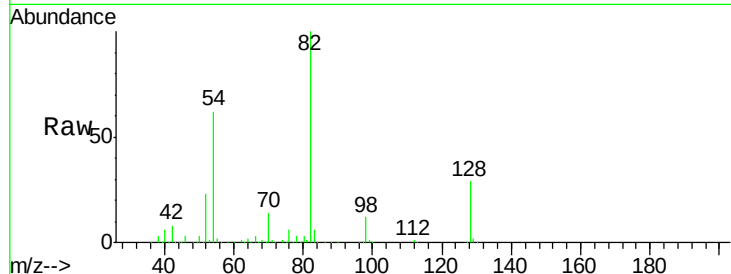




#23
 Nitrobenzene-d5
 Concen: 99.22 ng
 RT: 8.95 min Scan# 997
 Delta R.T. -0.01 min
 Lab File: BM009915.D
 Acq: 05 May 2017 22:52

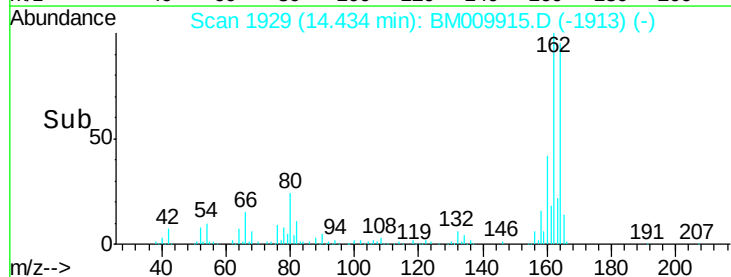
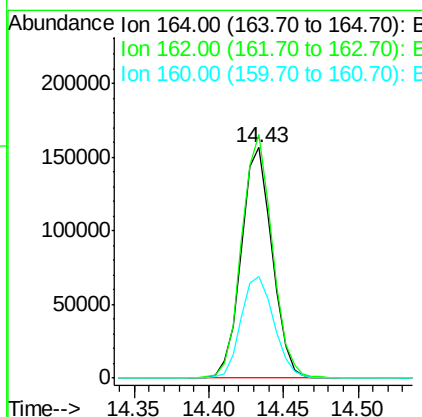
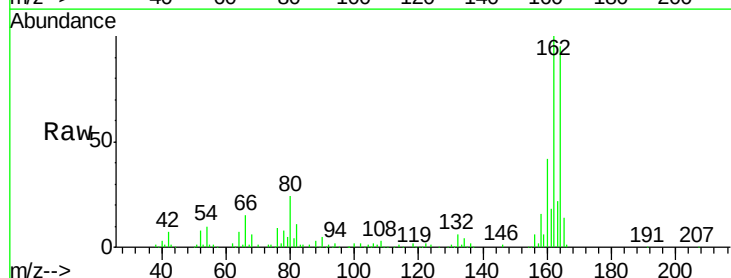
Instrument :
 BNA_M
 ClientSampleId :
 3067-SPP3

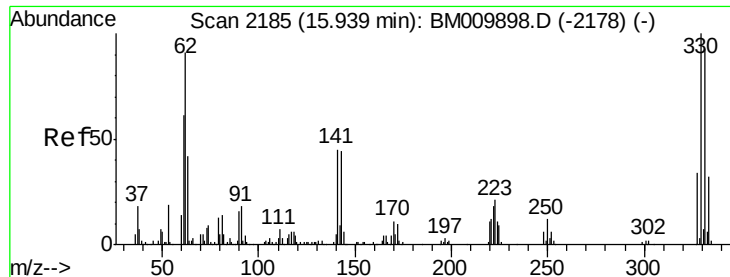
Tgt Ion	Ratio	Lower	Upper
82	100		
128	28.7	32.8	49.2#
54	62.2	40.6	60.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.43 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: BM009915.D
 Acq: 05 May 2017 22:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.6	82.4	123.6
160	44.2	35.8	53.6

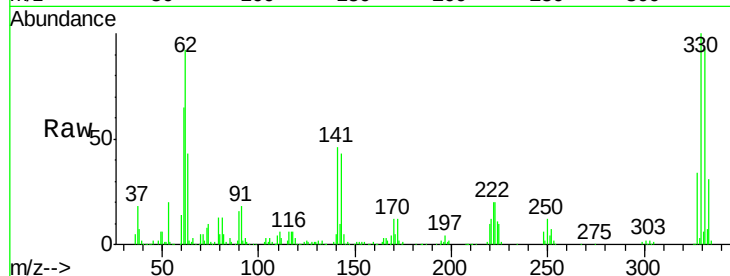




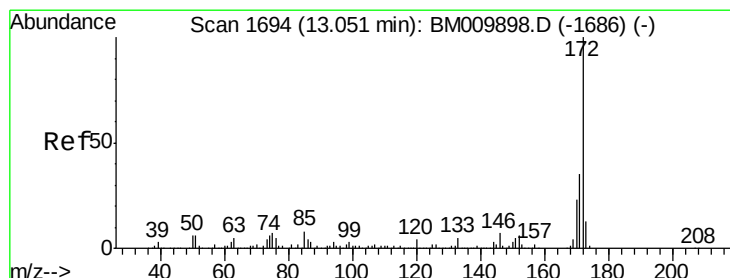
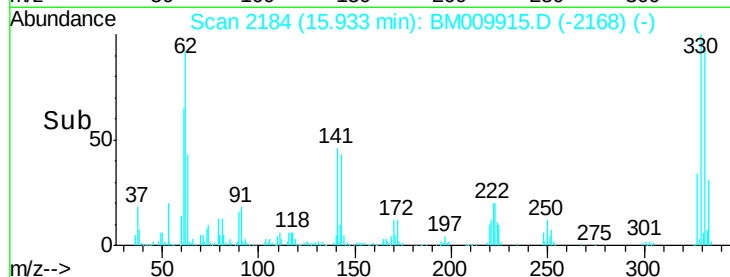
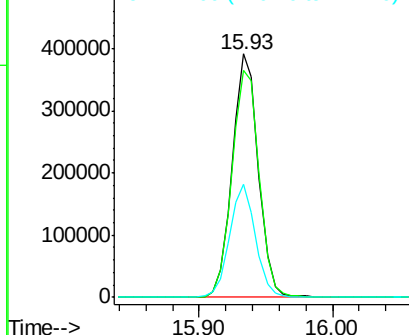
#41
 2,4,6-Tribromophenol
 Concen: 174.73 ng
 RT: 15.93 min Scan# 2184
 Delta R.T. -0.01 min
 Lab File: BM009915.D
 Acq: 05 May 2017 22:52

Instrument :
 BNA_M
 ClientSampleId :
 3067-SPP3

Tgt Ion:330 Resp: 533593
 Ion Ratio Lower Upper
 330 100
 332 97.6 0.0 0.0#
 141 46.1 0.0 0.0#

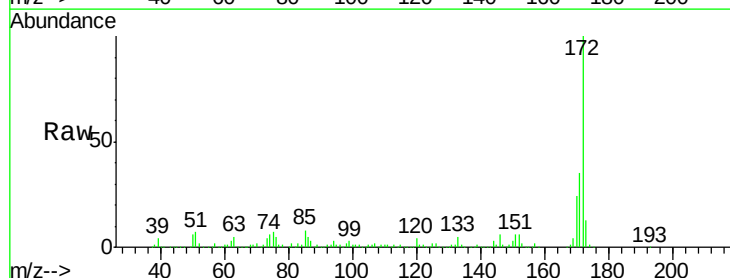


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

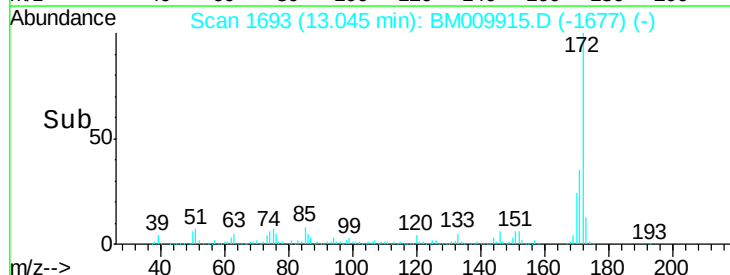
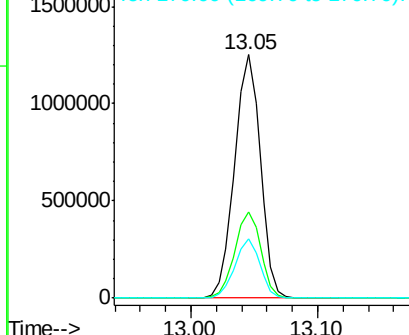


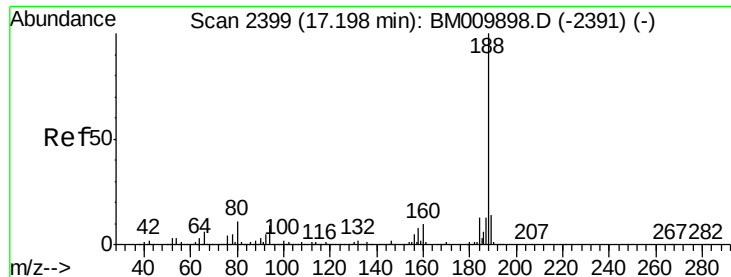
#44
 2-Fluorobiphenyl
 Concen: 102.37 ng
 RT: 13.05 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BM009915.D
 Acq: 05 May 2017 22:52

Tgt Ion:172 Resp: 1756899
 Ion Ratio Lower Upper
 172 100
 171 35.5 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

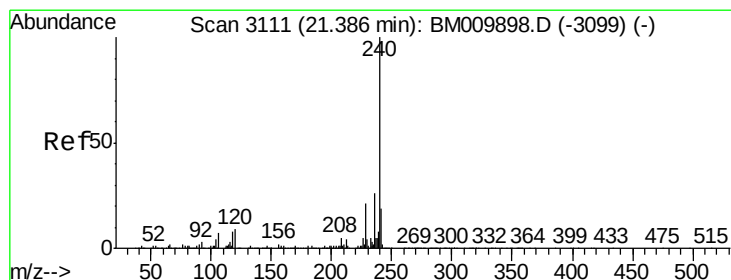
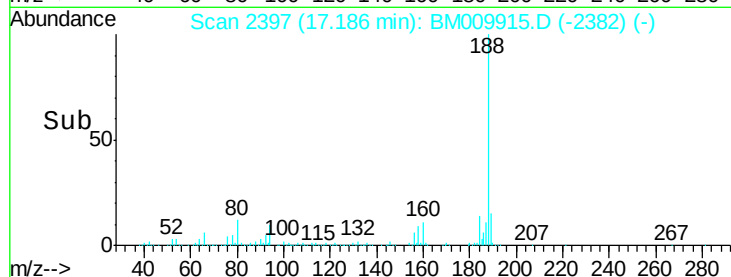
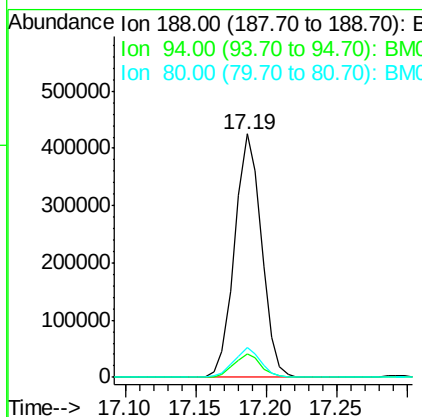
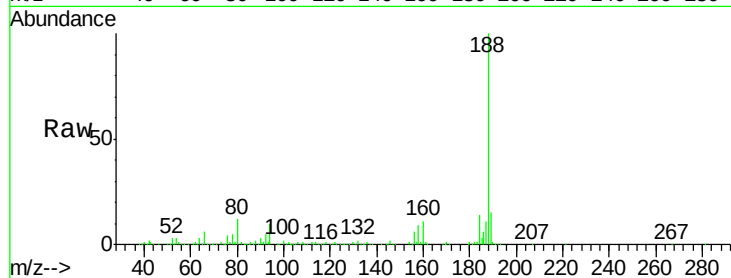




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.19 min Scan# 2397
Delta R.T. -0.01 min
Lab File: BM009915.D
Acq: 05 May 2017 22:52

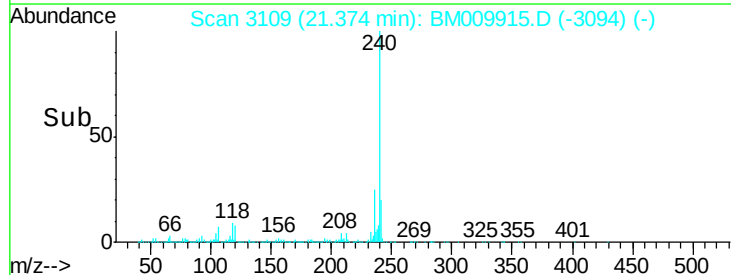
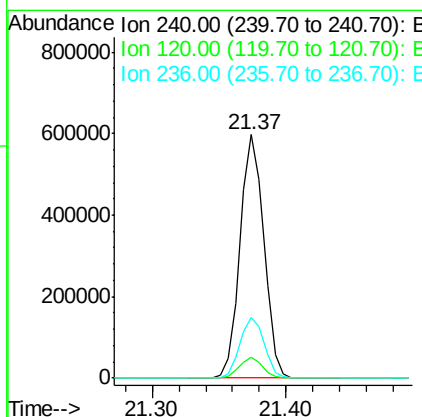
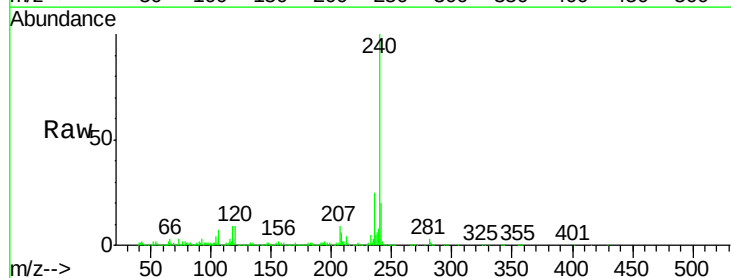
Instrument :
BNA_M
ClientSampled :
3067-SPP3

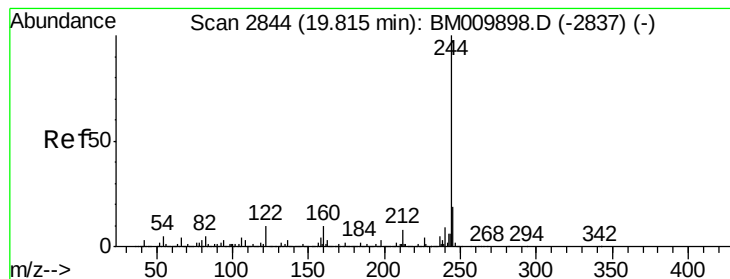
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	565592		
94	9.7		8.7	13.1
80	12.4		9.3	13.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.37 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BM009915.D
Acq: 05 May 2017 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	739365		
120	8.5		8.2	12.2
236	24.8		20.0	30.0





#78

Terphenyl-d14

Concen: 97.13 ng

RT: 19.82 min Scan# 2844

Delta R.T. 0.00 min

Lab File: BM009915.D

Acq: 05 May 2017 22:52

Instrument :

BNA_M

ClientSampleId :

3067-SPP3

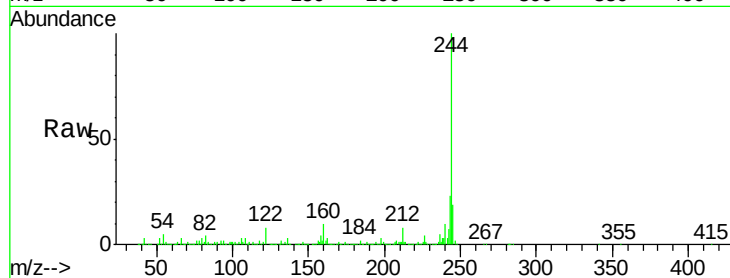
Tgt Ion:244 Resp: 3500737

Ion Ratio Lower Upper

244 100

212 7.6 4.9 7.3#

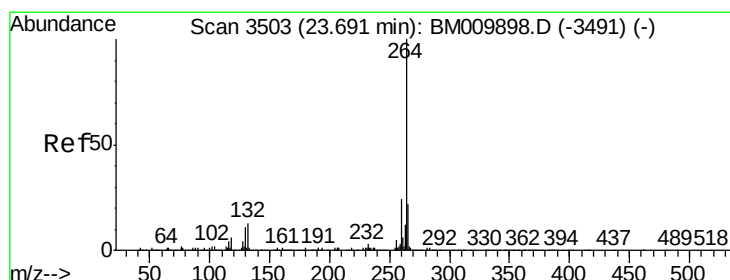
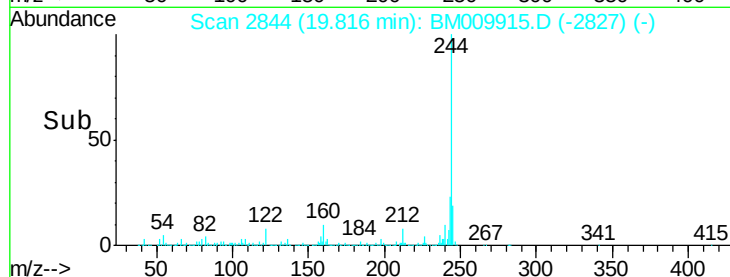
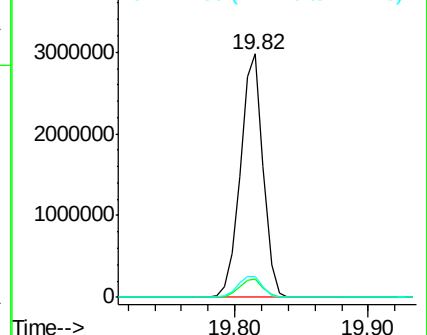
122 8.4 6.2 9.4



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: 23.68 min Scan# 3501

Delta R.T. -0.01 min

Lab File: BM009915.D

Acq: 05 May 2017 22:52

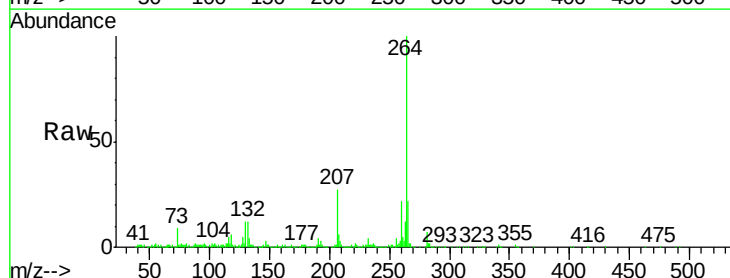
Tgt Ion:264 Resp: 678671

Ion Ratio Lower Upper

264 100

260 22.0 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

