

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050517\
 Data File : BM009927.D
 Acq On : 06 May 2017 06:06
 Operator : SJ/MA
 Sample : PB98729BL
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 08 02:56:00 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	7.77	152	103036	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	388931	20.00	ng	0.00
38) Acenaphthene-d10	14.43	164	237065	20.00	ng	0.00
63) Phenanthrene-d10	17.19	188	588622	20.00	ng	0.00
75) Chrysene-d12	21.37	240	668935	20.00	ng	-0.01
86) Perylene-d12	23.68	264	546620	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	648165	100.15	ng	0.00
7) Phenol-d6	6.96	99	918831	92.62	ng	0.00
23) Nitrobenzene-d5	8.95	82	1016564	94.59	ng	0.00
41) 2,4,6-Tribromophenol	15.93	330	305905	94.48	ng	0.00
44) 2-Fluorobiphenyl	13.04	172	1792806	98.53	ng	0.00
78) Terphenyl-d14	19.82	244	3166573	97.11	ng	0.00

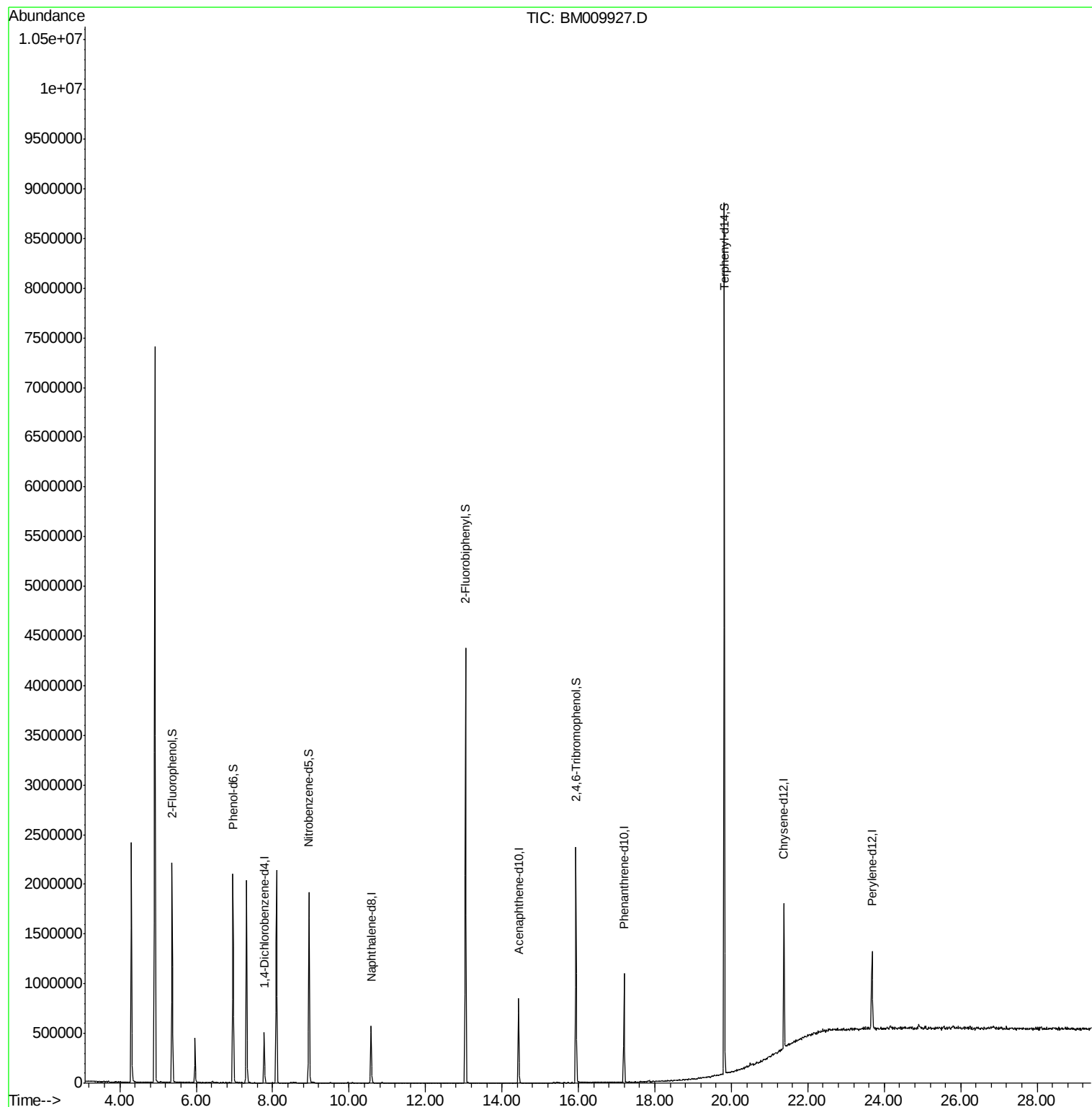
Target Compounds Qvalue

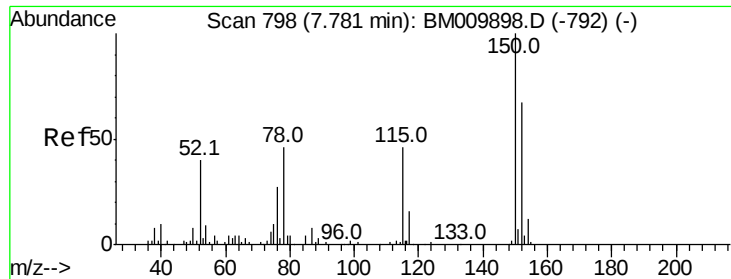
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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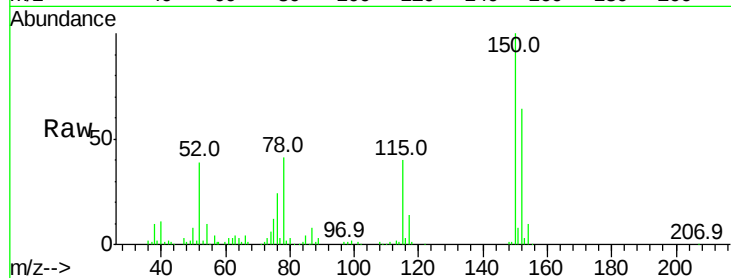


#1

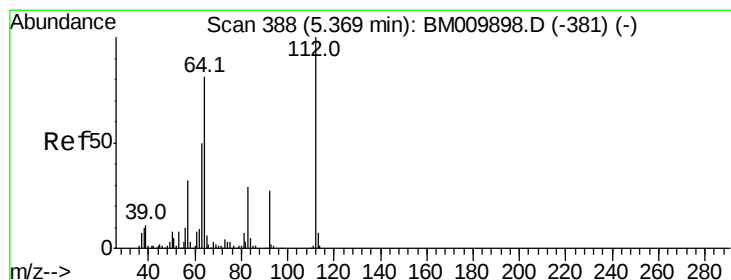
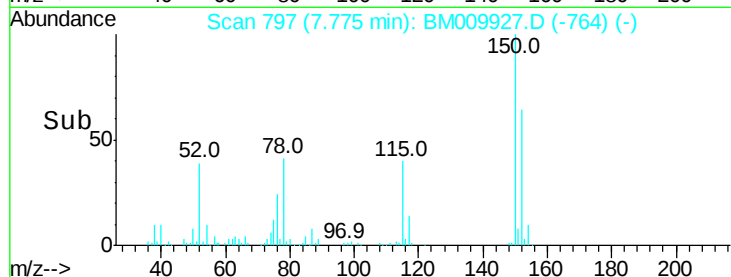
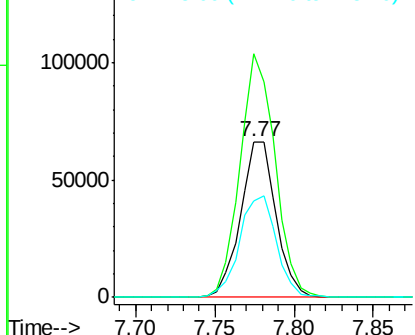
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BM009927.D
Acq: 06 May 2017 06:06

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	119.5	179.3
115	62.4	43.0	64.4



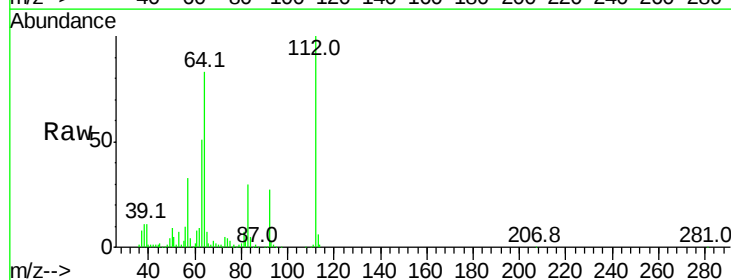
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



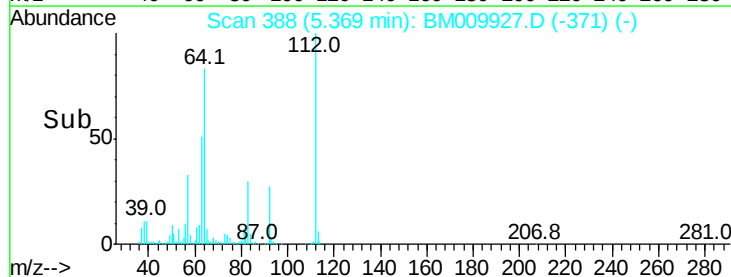
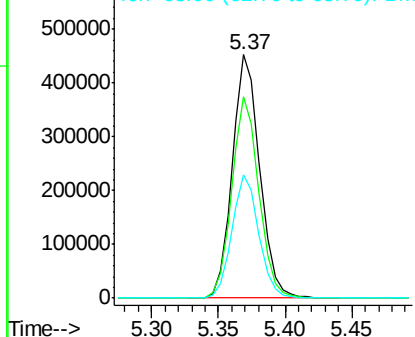
#5

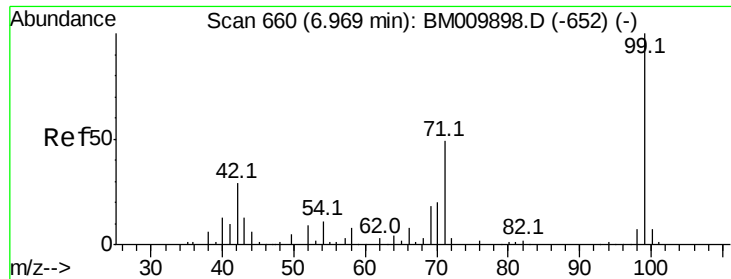
2-Fluorophenol
Concen: 100.15 ng
RT: 5.37 min Scan# 388
Delta R.T. -0.00 min
Lab File: BM009927.D
Acq: 06 May 2017 06:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	82.8	38.6	57.8#
63	50.6	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: 92.62 ng

RT: 6.96 min Scan# 659

Delta R.T. -0.01 min

Lab File: BM009927.D

Acq: 06 May 2017 06:06

Instrument :

BNA_M

ClientSampled :

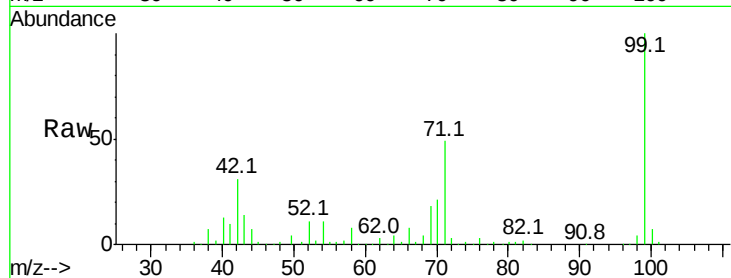
Tot Ion: 99 Resp: 918831

Ion Ratio Lower Upper

99 100

42 30.5 11.0 16.4#

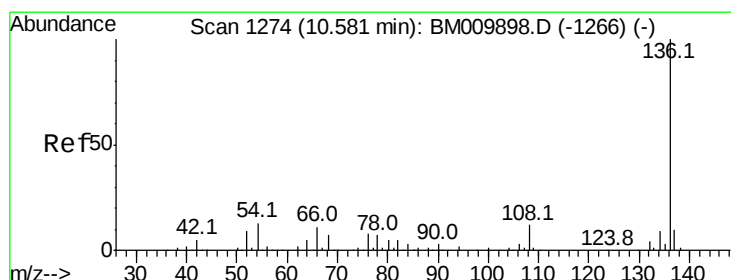
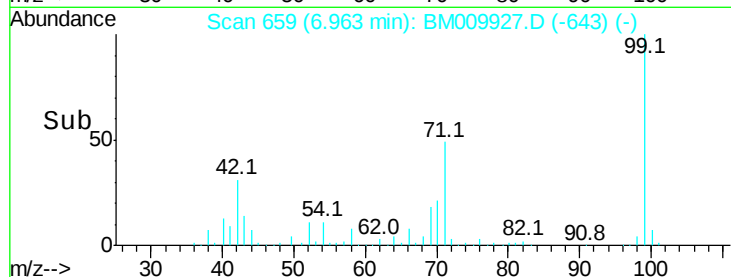
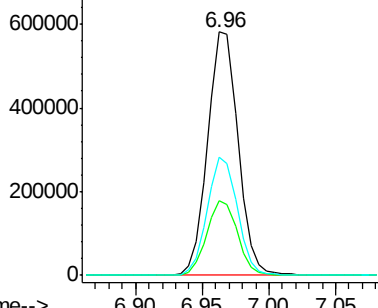
71 48.5 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM009927.D (-652) (-)

Ion 42.00 (41.70 to 42.70): BM009927.D (-652) (-)

Ion 71.00 (70.70 to 71.70): BM009927.D (-652) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BM009927.D

Acq: 06 May 2017 06:06

Tgt Ion: 136 Resp: 388931

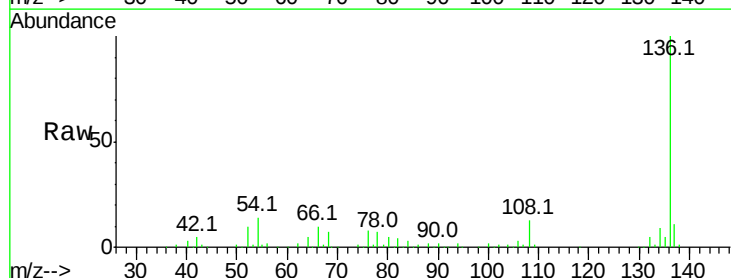
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 14.1 4.6 6.8#

68 7.4 3.7 5.5#

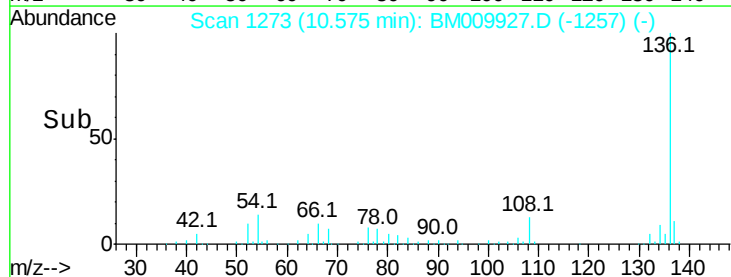
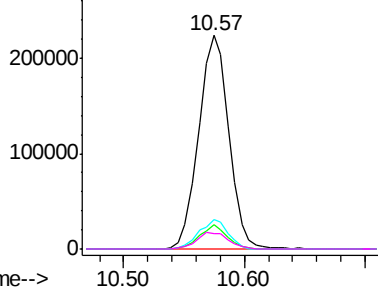


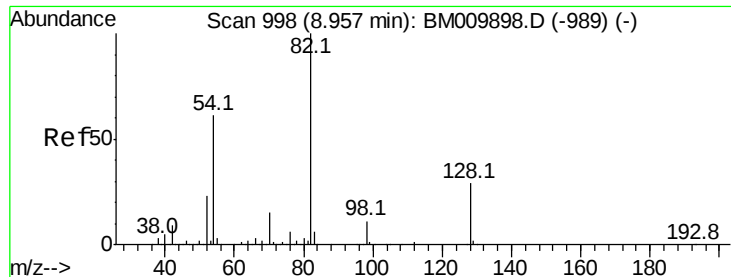
Abundance Ion 136.00 (135.70 to 136.70): BM009927.D (-1257) (-)

Ion 137.00 (136.70 to 137.70): BM009927.D (-1257) (-)

Ion 54.00 (53.70 to 54.70): BM009927.D (-1257) (-)

Ion 68.00 (67.70 to 68.70): BM009927.D (-1257) (-)

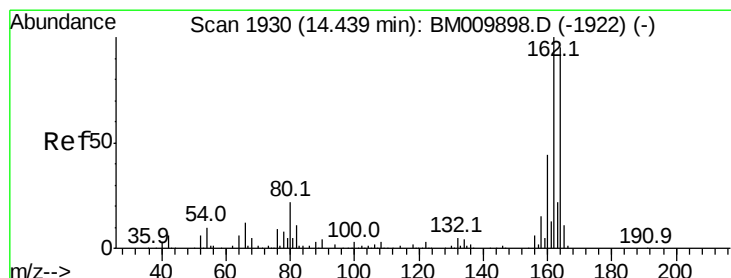
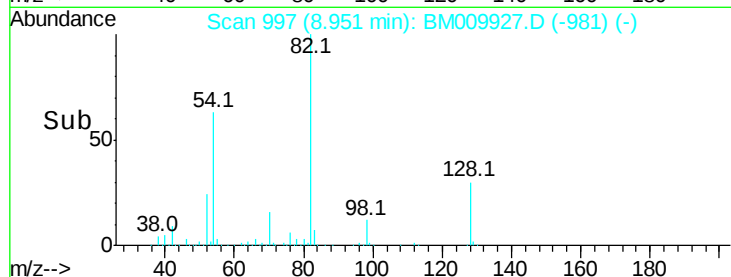
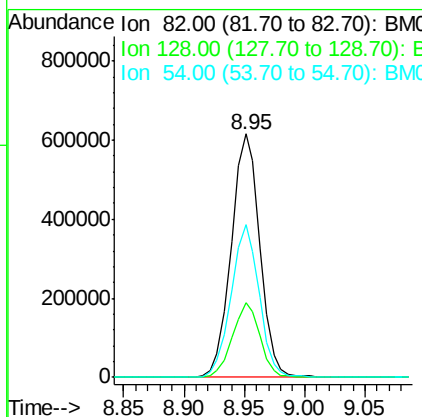
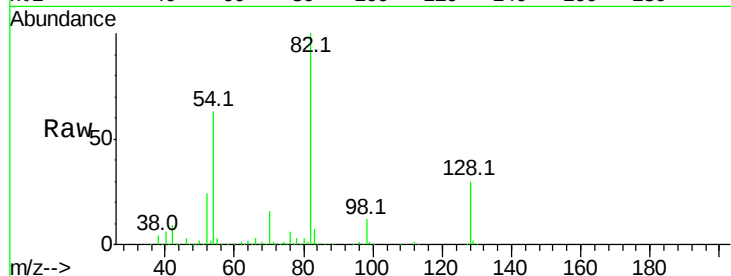




#23
 Nitrobenzene-d5
 Concen: 94.59 ng
 RT: 8.95 min Scan# 997
 Delta R.T. -0.01 min
 Lab File: BM009927.D
 Acq: 06 May 2017 06:06

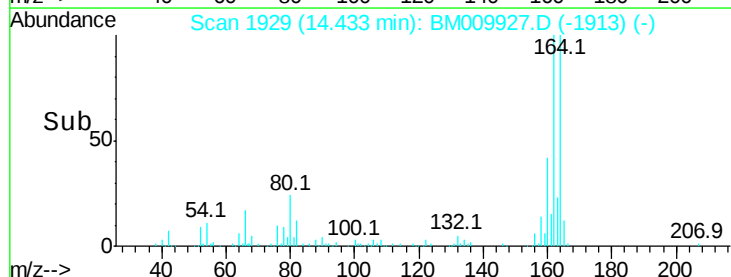
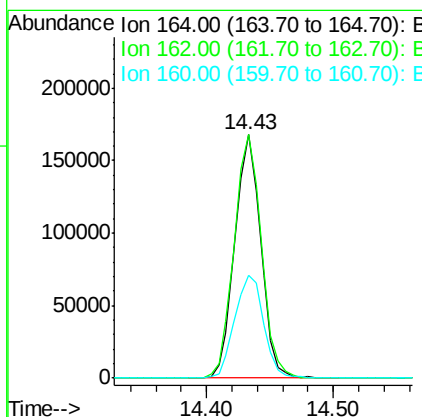
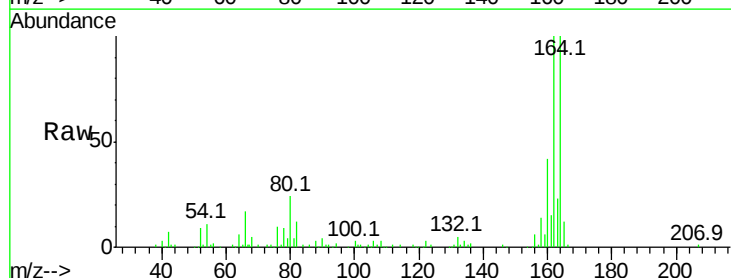
Instrument :
 BNA_M
 ClientSampleId :

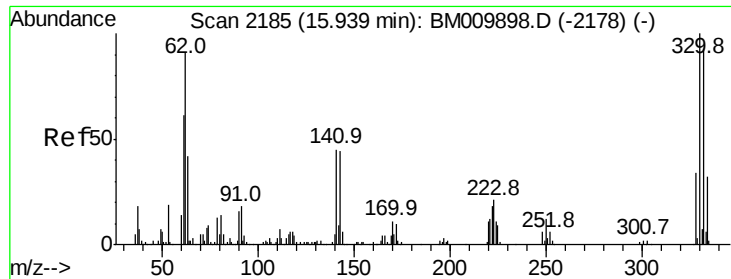
Tot Ion: 82 Resp: 1016564
 Ion Ratio Lower Upper
 82 100
 128 30.4 32.8 49.2#
 54 62.9 40.6 60.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.43 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: BM009927.D
 Acq: 06 May 2017 06:06

Tgt Ion: 164 Resp: 237065
 Ion Ratio Lower Upper
 164 100
 162 100.0 82.4 123.6
 160 42.1 35.8 53.6

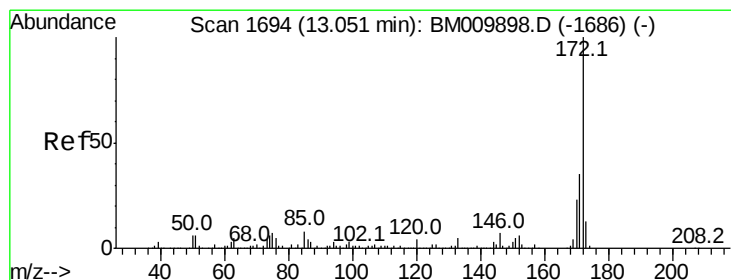
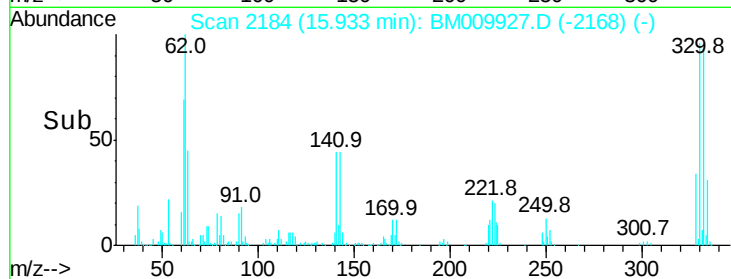
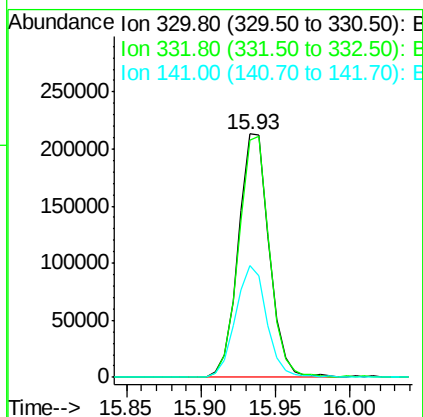
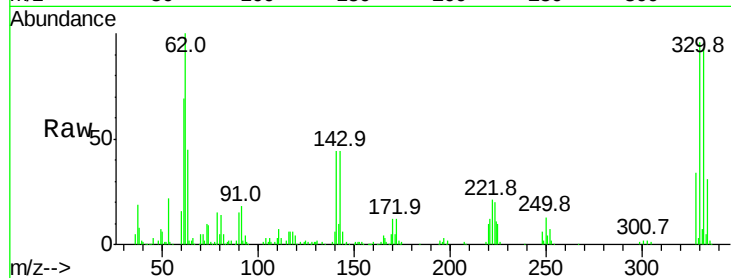




#41
 2,4,6-Tribromophenol
 Concen: 94.48 ng
 RT: 15.93 min Scan# 2184
 Delta R.T. -0.01 min
 Lab File: BM009927.D
 Acq: 06 May 2017 06:06

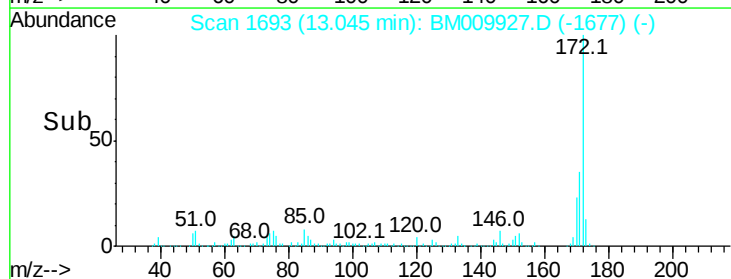
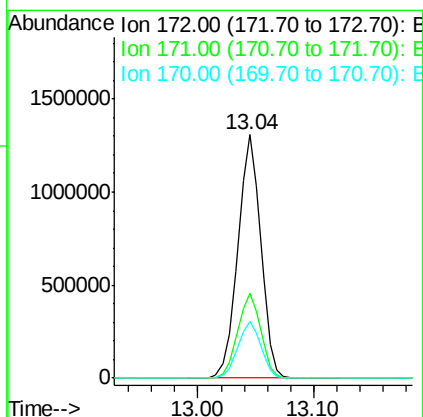
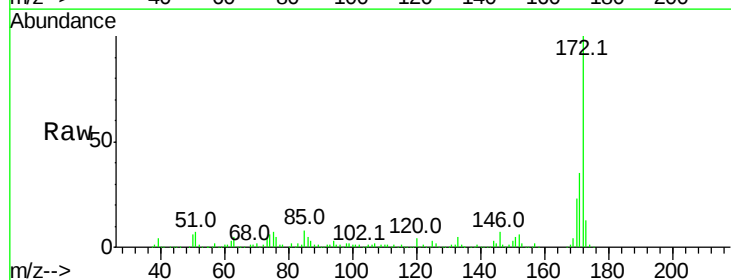
Instrument :
 BNA_M
 ClientSampleId :

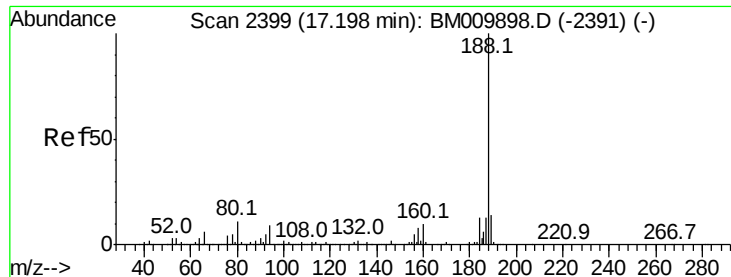
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	0.0	0.0#
141	46.6	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 98.53 ng
 RT: 13.04 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BM009927.D
 Acq: 06 May 2017 06:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.5	42.7
170	23.2	18.8	28.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.19 min Scan# 2398

Delta R.T. -0.01 min

Lab File: BM009927.D

Acq: 06 May 2017 06:06

Instrument :

BNA_M

ClientSampled :

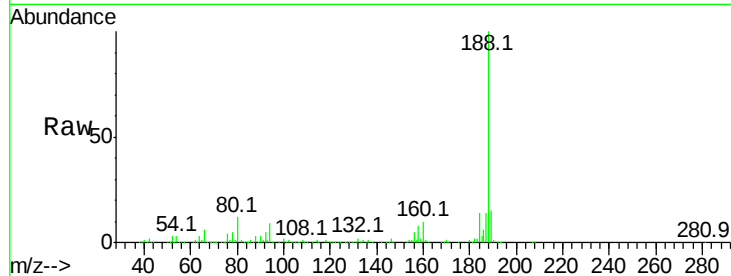
Tot Ion:188 Resp: 588622

Ion Ratio Lower Upper

188 100

94 9.3 8.7 13.1

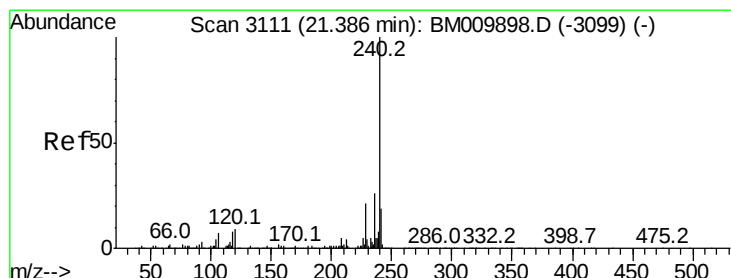
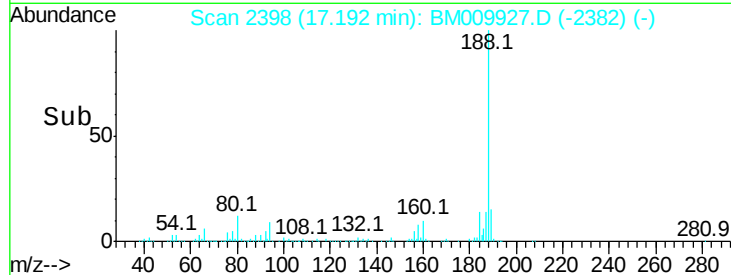
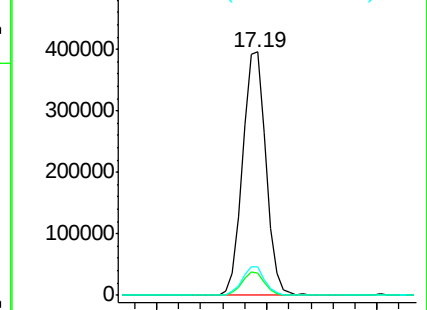
80 11.7 9.3 13.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.37 min Scan# 3109

Delta R.T. -0.01 min

Lab File: BM009927.D

Acq: 06 May 2017 06:06

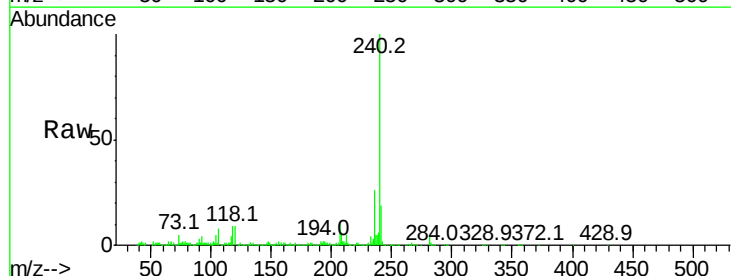
Tgt Ion:240 Resp: 668935

Ion Ratio Lower Upper

240 100

120 9.5 8.2 12.2

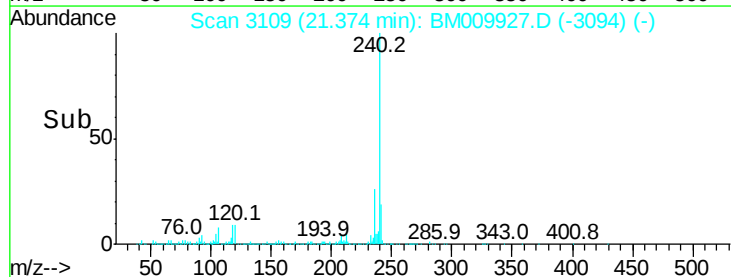
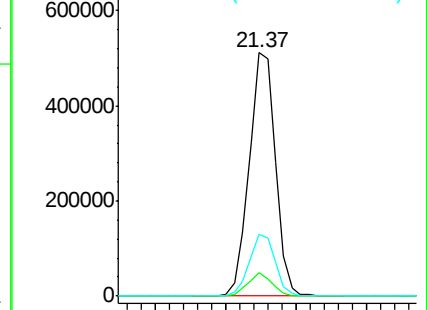
236 25.6 20.0 30.0

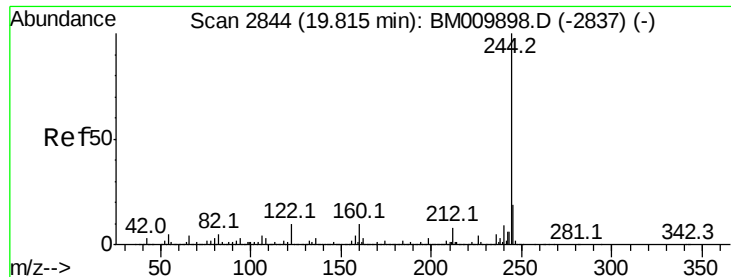


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 97.11 ng

RT: 19.82 min Scan# 2844

Delta R.T. -0.00 min

Lab File: BM009927.D

Acq: 06 May 2017 06:06

Instrument :

BNA_M

ClientSampleId :

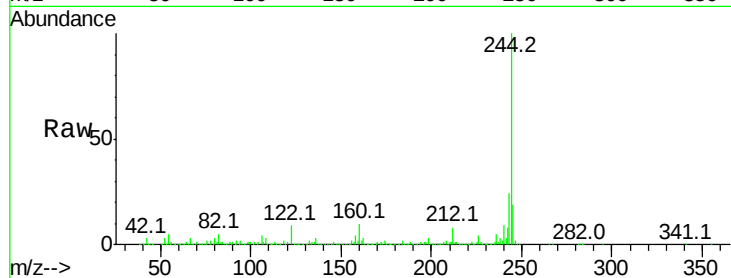
Tot Ion:244 Resp: 3166573

Ion Ratio Lower Upper

244 100

212 7.8 4.9 7.3#

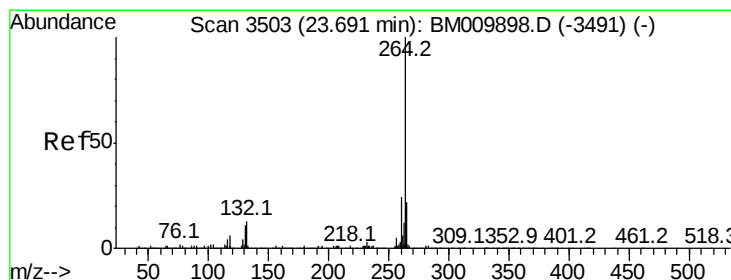
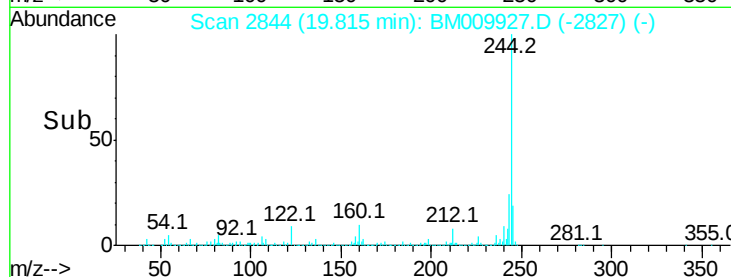
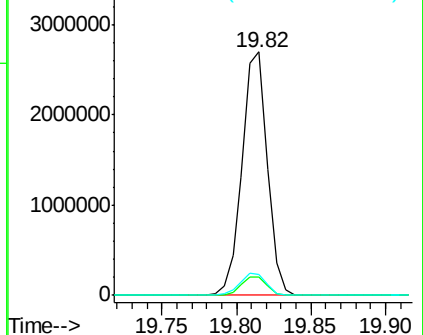
122 8.8 6.2 9.4



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: BM009927.D

Acq: 06 May 2017 06:06

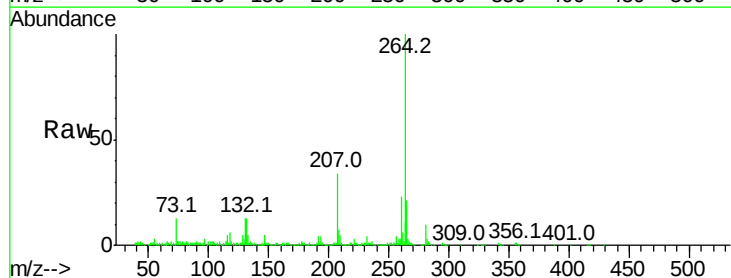
Tgt Ion:264 Resp: 546620

Ion Ratio Lower Upper

264 100

260 22.9 18.6 27.8

265 20.8 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

