

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032917\
 Data File : BM009435.D
 Acq On : 29 Mar 2017 16:46
 Operator : SJ/MA
 Sample : PB97904TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB97904TB

Quant Time: Mar 30 00:59:23 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 16:43:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	127338	20.00	ng	-0.01
21) Naphthalene-d8	10.65	136	470958	20.00	ng	-0.01
38) Acenaphthene-d10	14.49	164	248297	20.00	ng	-0.01
63) Phenanthrene-d10	17.24	188	568805	20.00	ng	0.00
75) Chrysene-d12	21.42	240	716802	20.00	ng	0.00
86) Perylene-d12	23.74	264	693873	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1206514	157.93	ng	0.00
7) Phenol-d6	7.01	99	1608467	154.40	ng	-0.01
23) Nitrobenzene-d5	9.02	82	1130247	89.98	ng	-0.01
41) 2,4,6-Tribromophenol	15.99	330	464719	150.66	ng	-0.01
44) 2-Fluorobiphenyl	13.11	172	1955277	94.89	ng	-0.01
78) Terphenyl-d14	19.86	244	2826487	82.40	ng	0.00

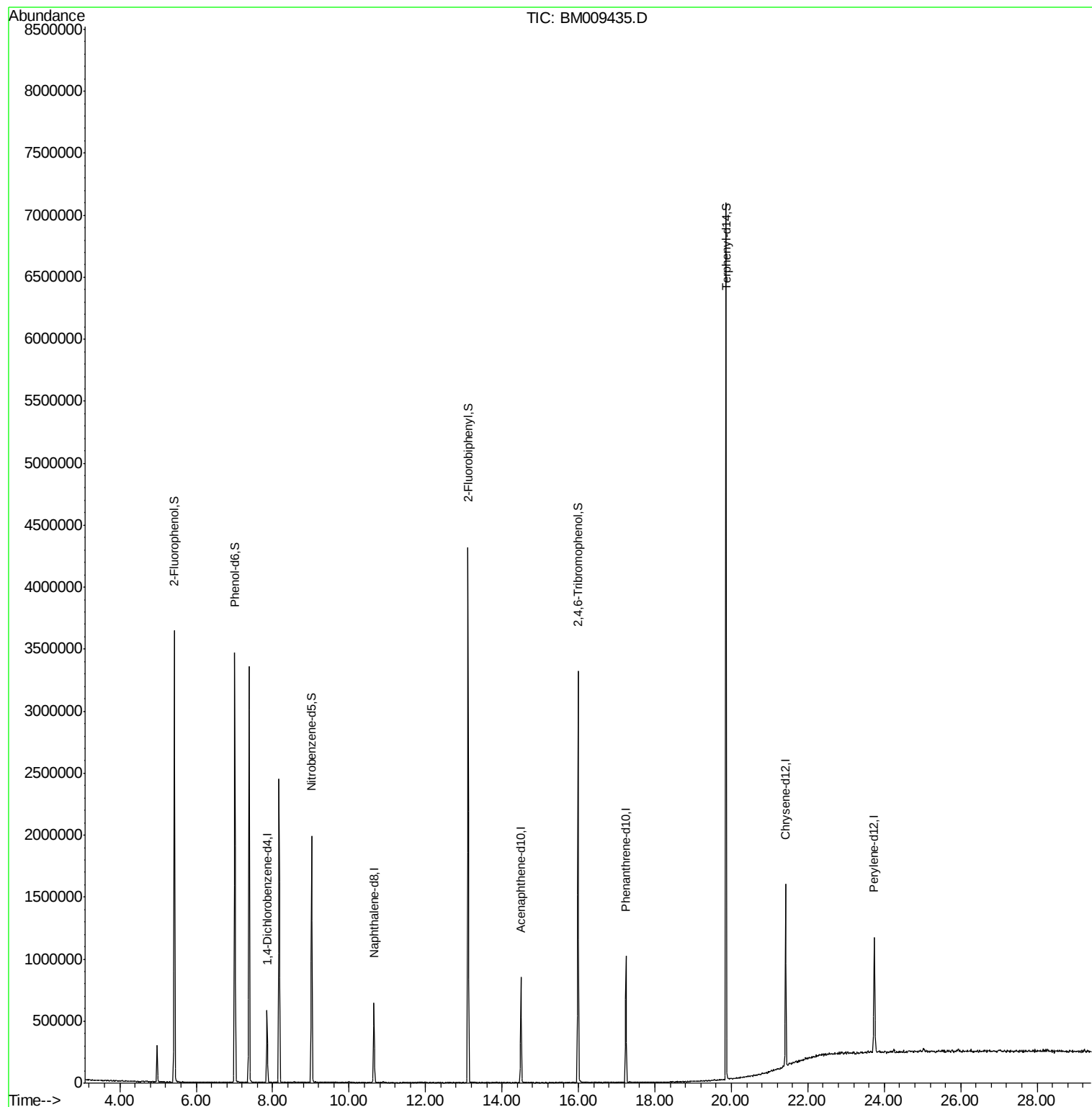
Target Compounds Qvalue

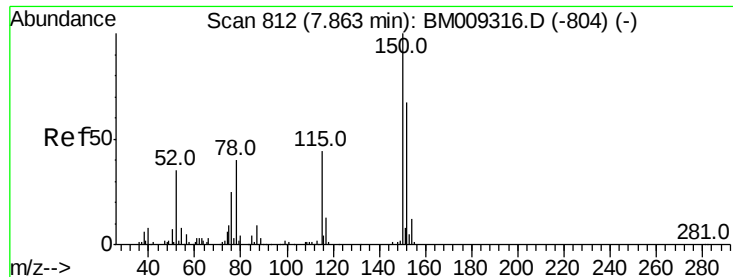
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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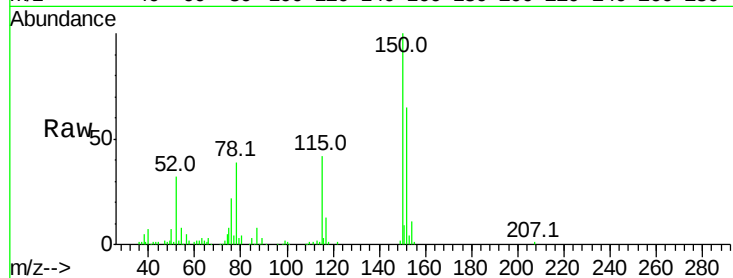


#1

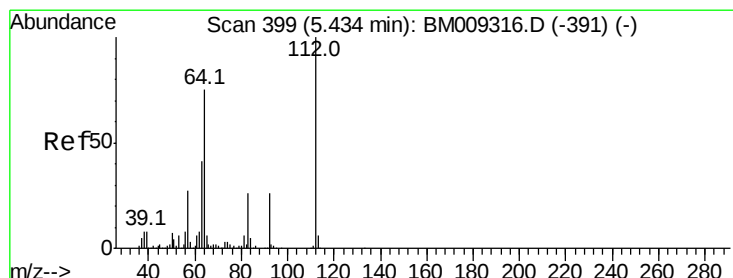
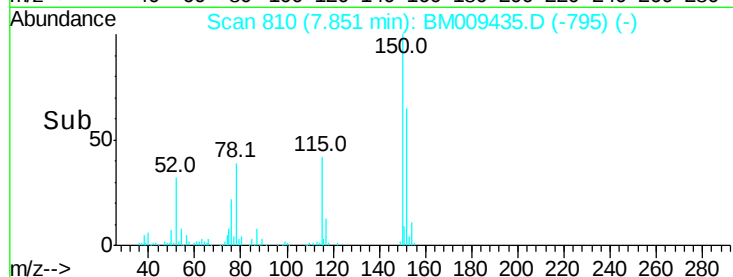
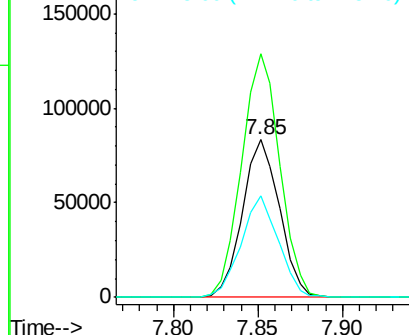
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BM009435.D
Acq: 29 Mar 2017 16:46

Instrument :
BNA_M
ClientSampleId :
PB97904TB

Tot Ion:152 Resp: 127338
Ion Ratio Lower Upper
152 100
150 154.3 119.5 179.3
115 64.2 43.0 64.4



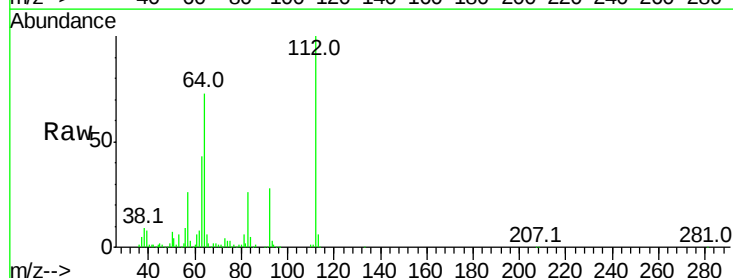
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



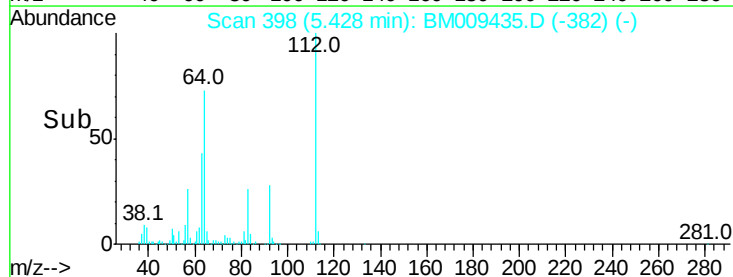
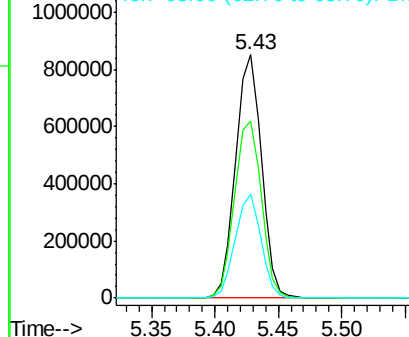
#5

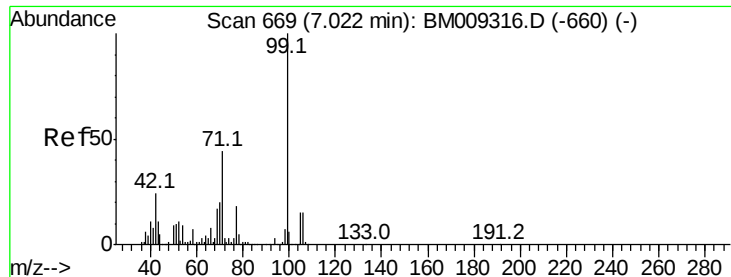
2-Fluorophenol
Concen: 157.93 ng
RT: 5.43 min Scan# 398
Delta R.T. -0.01 min
Lab File: BM009435.D
Acq: 29 Mar 2017 16:46

Tgt Ion:112 Resp: 1206514
Ion Ratio Lower Upper
112 100
64 72.8 38.6 57.8#
63 42.6 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: 154.40 ng

RT: 7.01 min Scan# 667

Delta R.T. -0.01 min

Lab File: BM009435.D

Acq: 29 Mar 2017 16:46

Instrument :

BNA_M

ClientSampled :

PB97904TB

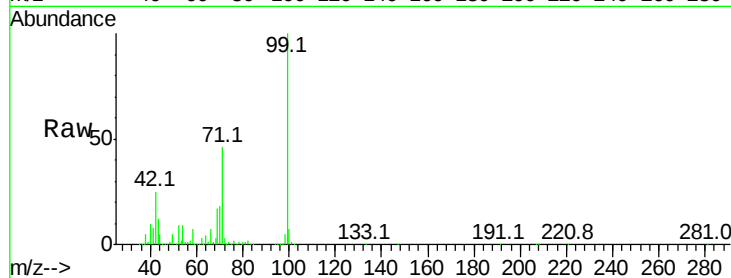
Tot Ion: 99 Resp: 1608467

Ion Ratio Lower Upper

99 100

42 25.3 11.0 16.4#

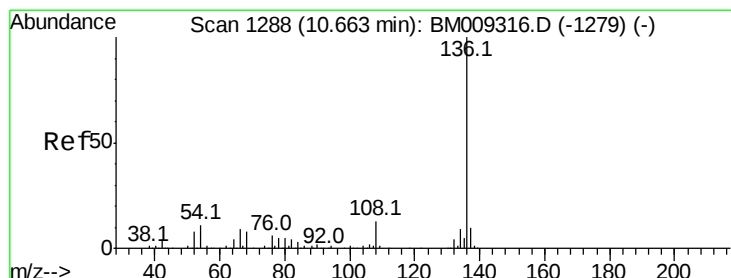
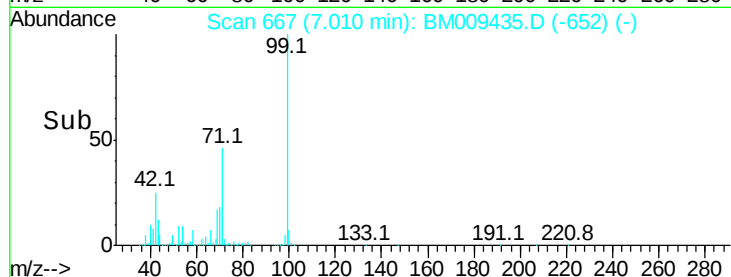
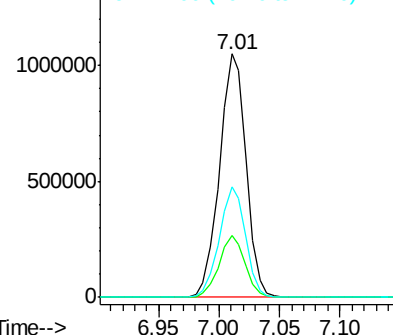
71 45.6 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM009435.D (-660) (-)

Ion 42.00 (41.70 to 42.70): BM009435.D (-660) (-)

Ion 71.00 (70.70 to 71.70): BM009435.D (-660) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BM009435.D

Acq: 29 Mar 2017 16:46

Tgt Ion: 136 Resp: 470958

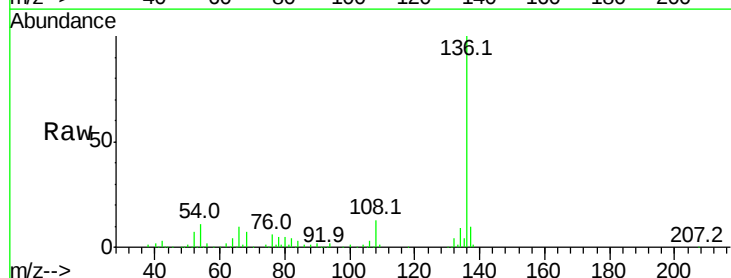
Ion Ratio Lower Upper

136 100

137 10.3 8.7 13.1

54 11.1 4.6 6.8#

68 7.2 3.7 5.5#

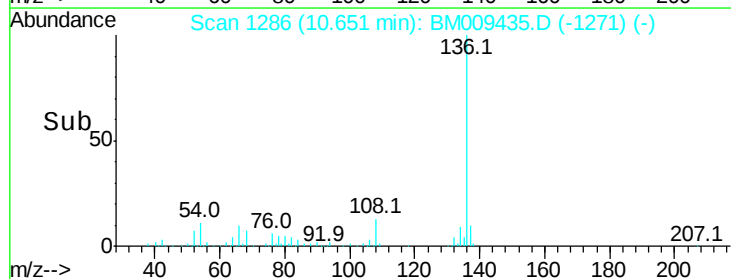
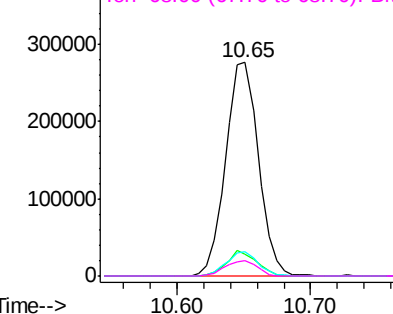


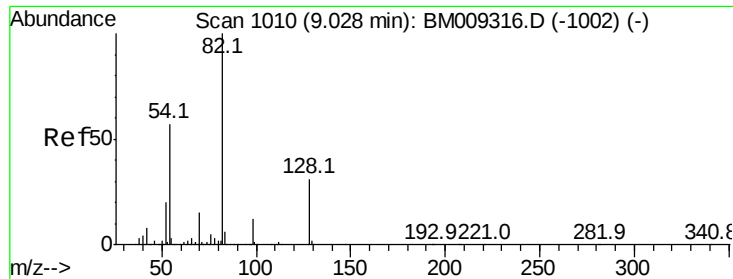
Abundance Ion 136.00 (135.70 to 136.70): BM009435.D (-1271) (-)

Ion 137.00 (136.70 to 137.70): BM009435.D (-1271) (-)

Ion 54.00 (53.70 to 54.70): BM009435.D (-1271) (-)

Ion 68.00 (67.70 to 68.70): BM009435.D (-1271) (-)

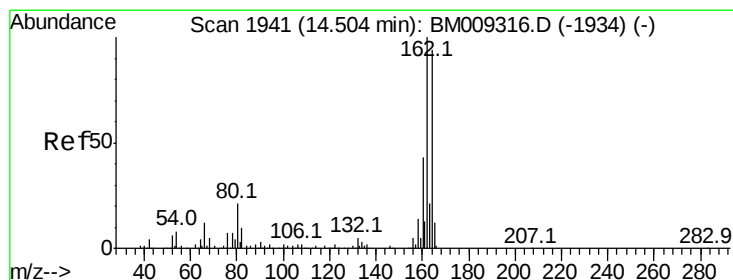
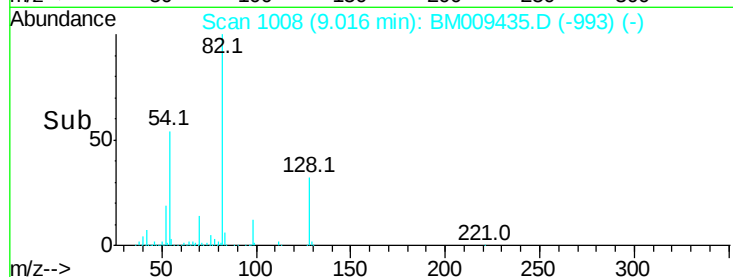
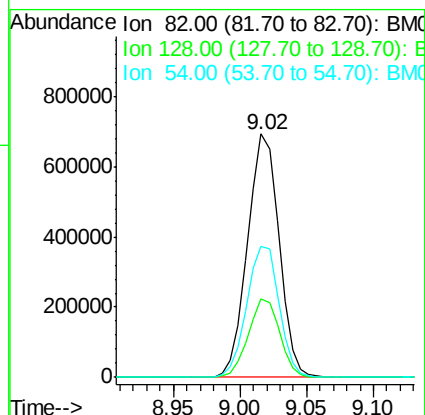
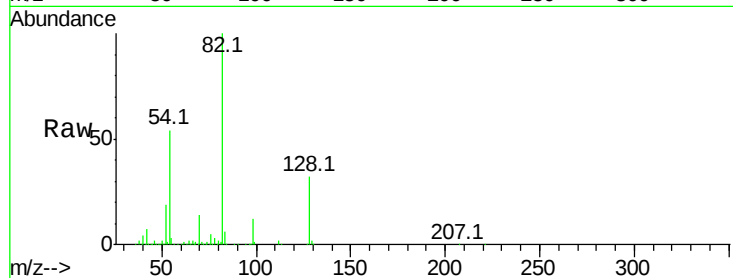




#23
Nitrobenzene-d5
Concen: 89.98 ng
RT: 9.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BM009435.D
Acq: 29 Mar 2017 16:46

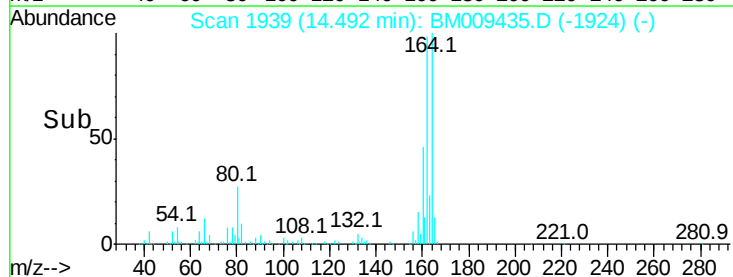
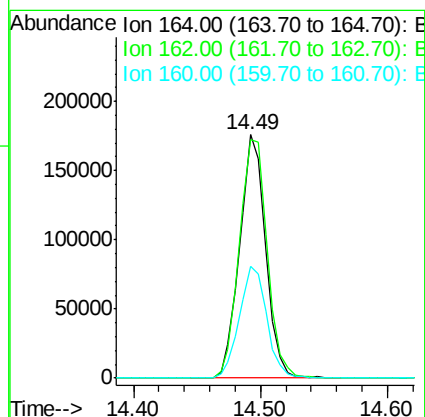
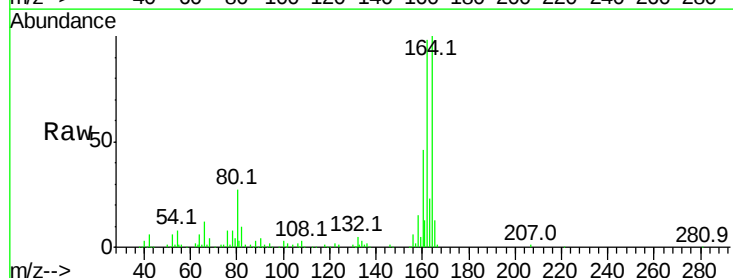
Instrument :
BNA_M
ClientSampleId :
PB97904TB

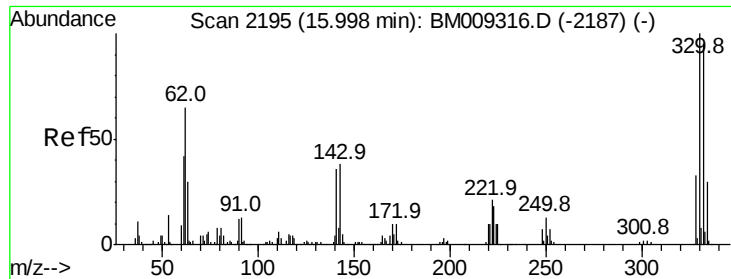
Tot Ion: 82 Resp: 1130247
Ion Ratio Lower Upper
82 100
128 32.2 32.8 49.2#
54 53.9 40.6 60.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.49 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BM009435.D
Acq: 29 Mar 2017 16:46

Tgt Ion: 164 Resp: 248297
Ion Ratio Lower Upper
164 100
162 98.2 82.4 123.6
160 45.7 35.8 53.6

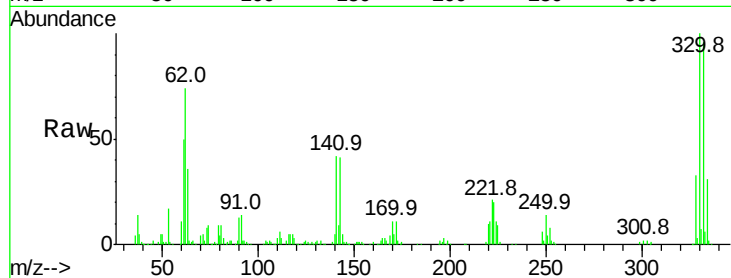




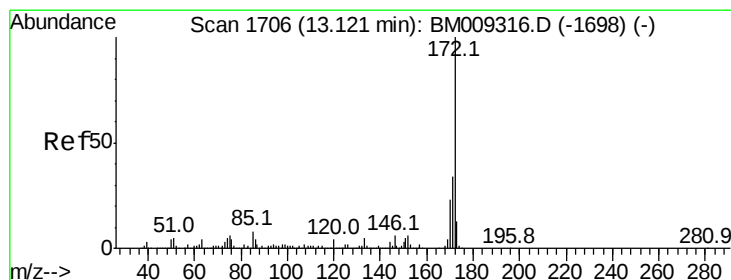
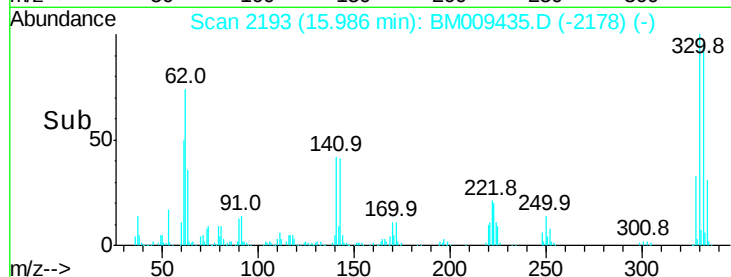
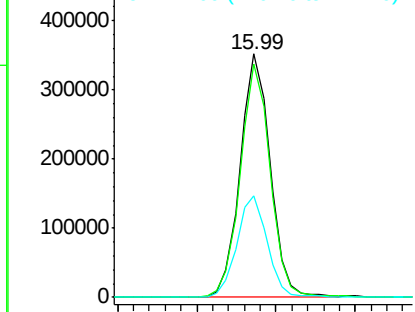
#41
 2,4,6-Tribromophenol
 Concen: 150.66 ng
 RT: 15.99 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BM009435.D
 Acq: 29 Mar 2017 16:46

Instrument :
 BNA_M
 ClientSampleId :
 PB97904TB

Tot Ion:330 Resp: 464719
 Ion Ratio Lower Upper
 330 100
 332 95.5 0.0 0.0#
 141 42.0 0.0 0.0#

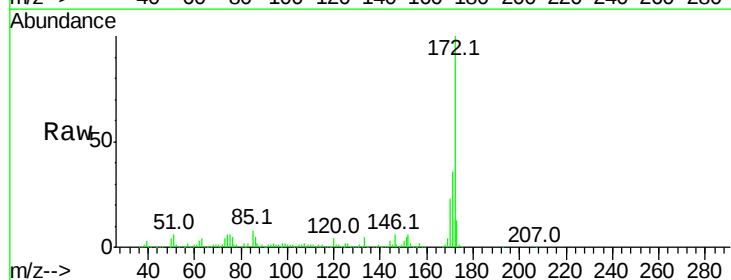


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

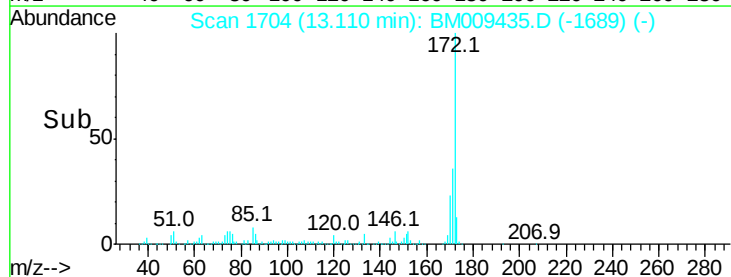
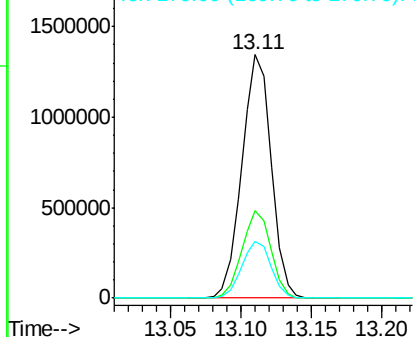


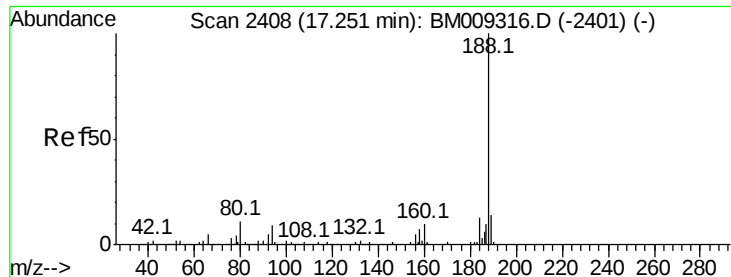
#44
 2-Fluorobiphenyl
 Concen: 94.89 ng
 RT: 13.11 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BM009435.D
 Acq: 29 Mar 2017 16:46

Tgt Ion:172 Resp: 1955277
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.5 42.7
 170 23.4 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

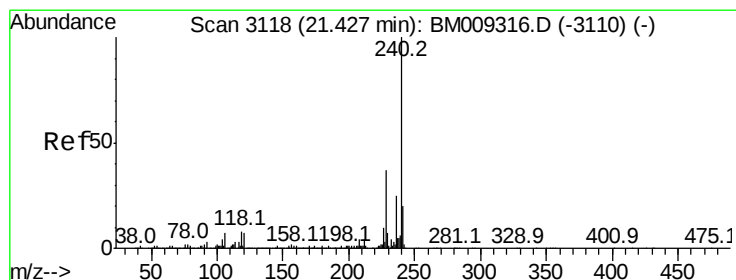
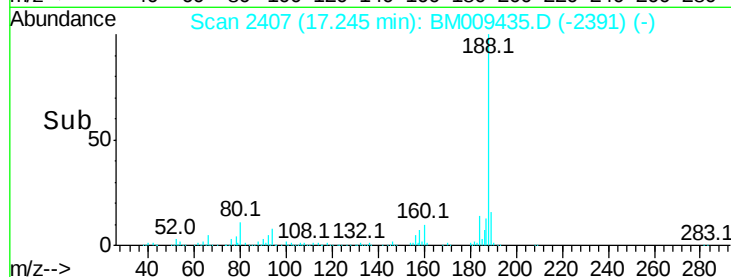
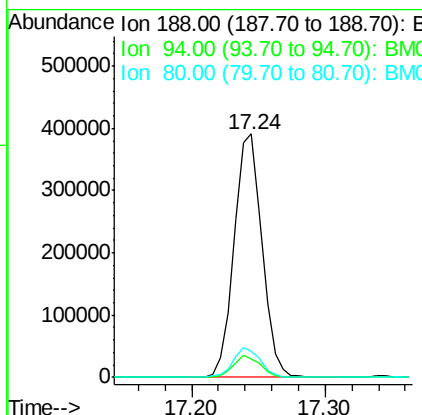
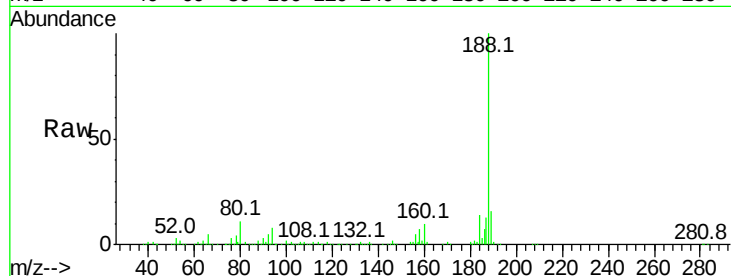




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.24 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BM009435.D
Acq: 29 Mar 2017 16:46

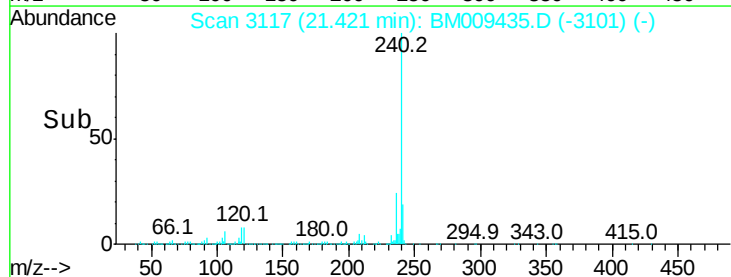
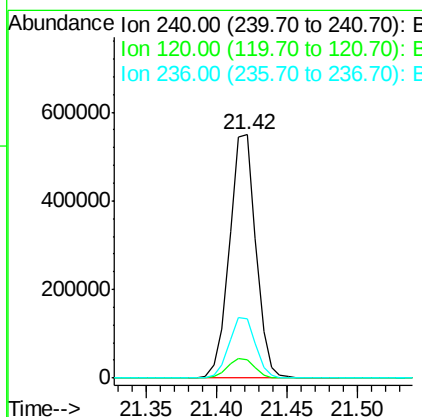
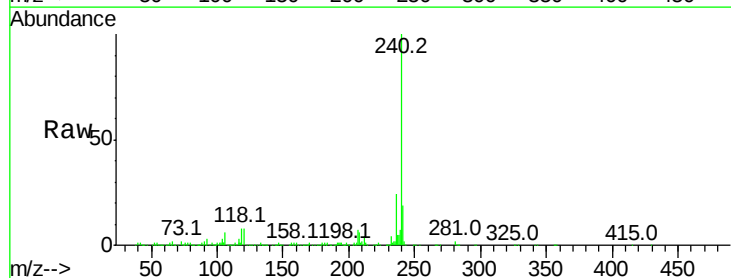
Instrument :
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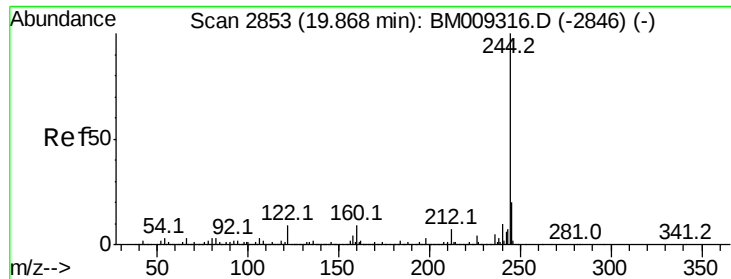
Tot Ion:188 Resp: 568805
Ion Ratio Lower Upper
188 100
94 7.7 8.7 13.1#
80 10.6 9.3 13.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.42 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BM009435.D
Acq: 29 Mar 2017 16:46

Tgt Ion:240 Resp: 716802
Ion Ratio Lower Upper
240 100
120 7.7 8.2 12.2#
236 24.2 20.0 30.0





#78

Terphenyl-d14

Concen: 82.40 ng

RT: 19.86 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BM009435.D

Acq: 29 Mar 2017 16:46

Instrument :

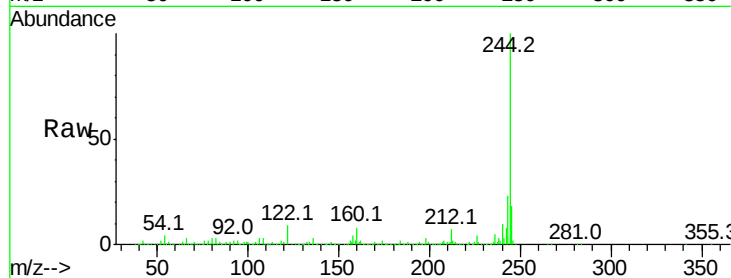
BNA_M

ClientSampleId :

PB97904TB

Tot Ion:244 Resp: 2826487

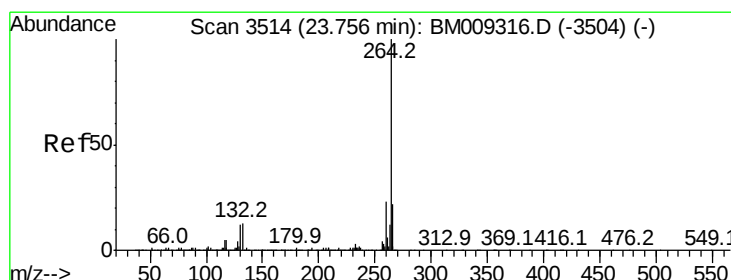
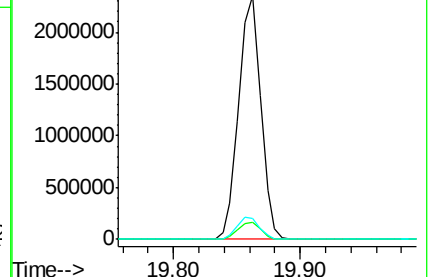
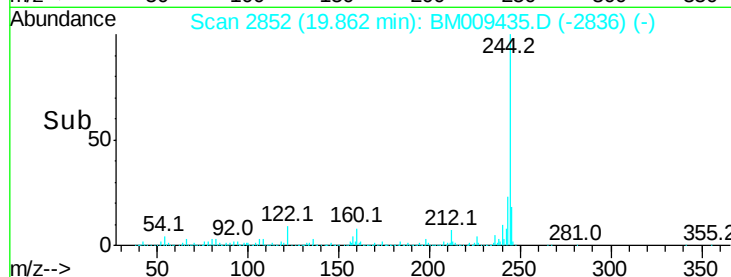
Ion	Ratio	Lower	Upper
244	100		
212	7.2	4.9	7.3
122	8.8	6.2	9.4



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: 23.74 min Scan# 3511

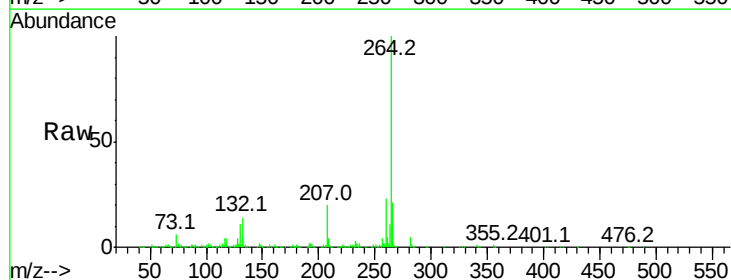
Delta R.T. -0.02 min

Lab File: BM009435.D

Acq: 29 Mar 2017 16:46

Tgt Ion:264 Resp: 693873

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	21.1	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

