

Data Path : Z:\HPCHEM1\BNA M\Data\BM032917\
 Data File : BM009445.D
 Acq On : 30 Mar 2017 11:04
 Operator : SJ/MA
 Sample : I2440-03RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 30 13:55:36 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	7.86	152	125038	20.00	ng	0.00
21) Naphthalene-d8	10.65	136	453379	20.00	ng	-0.01
38) Acenaphthene-d10	14.50	164	250123	20.00	ng	0.00
63) Phenanthrene-d10	17.24	188	622134	20.00	ng	0.00
75) Chrysene-d12	21.42	240	876191	20.00	ng	0.00
86) Perylene-d12	23.75	264	854773	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1109898	147.96	ng	0.00
7) Phenol-d6	7.02	99	1413098	138.14	ng	0.00
23) Nitrobenzene-d5	9.02	82	1100165	90.98	ng	0.00
41) 2,4,6-Tribromophenol	15.99	330	492251	158.42	ng	0.00
44) 2-Fluorobiphenyl	13.12	172	1898446	91.46	ng	0.00
78) Terphenyl-d14	19.86	244	3269512	77.97	ng	0.00

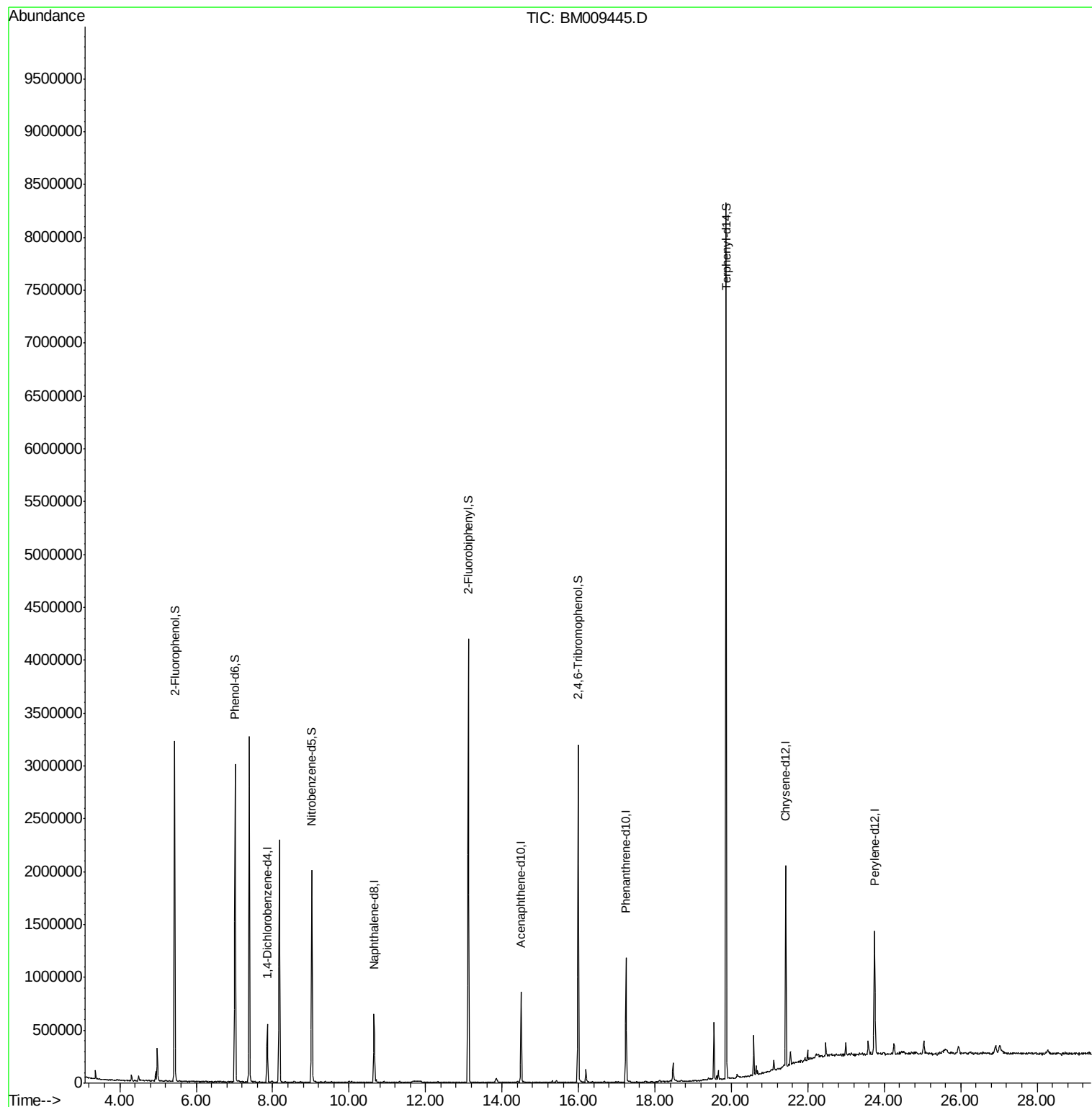
Target Compounds Qvalue

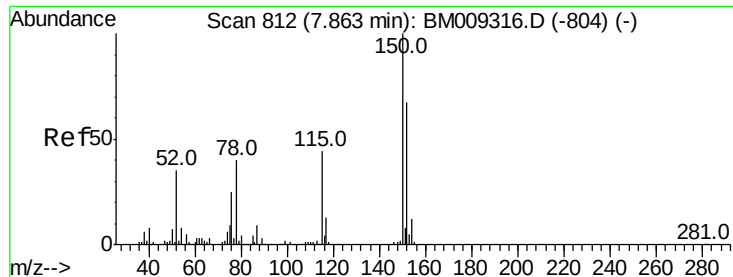
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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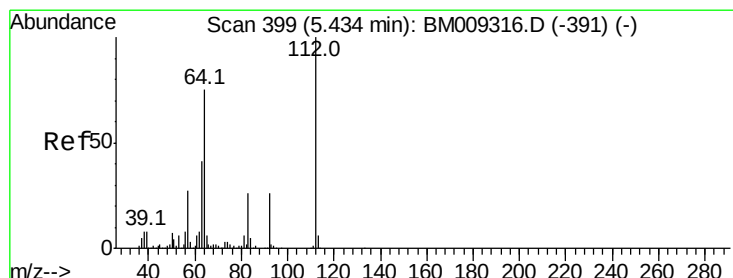
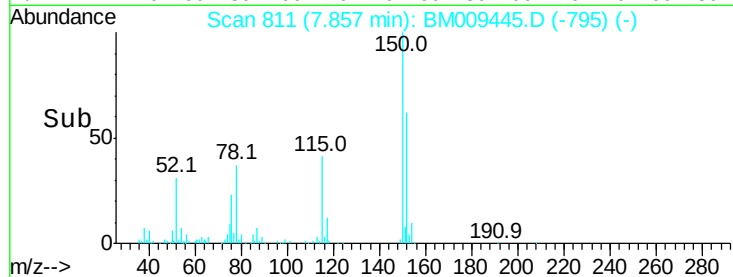
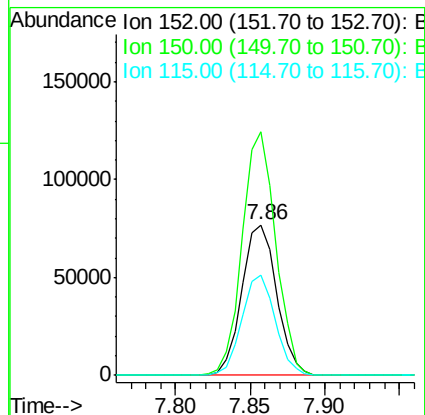
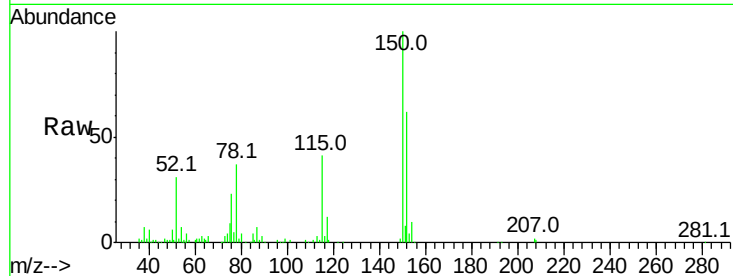


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BM009445.D
Acq: 30 Mar 2017 11:04

Instrument :
BNA_M
ClientSampleId :

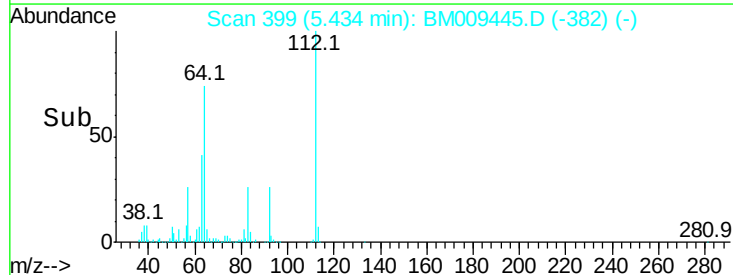
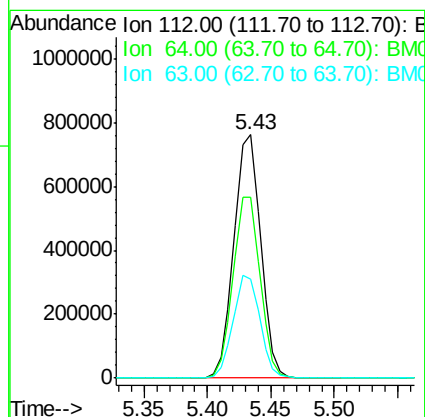
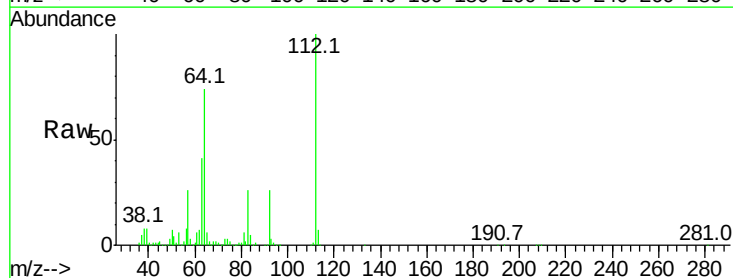
Tot Ion:152 Resp: 125038
Ion Ratio Lower Upper
152 100
150 161.9 119.5 179.3
115 66.8 43.0 64.4#

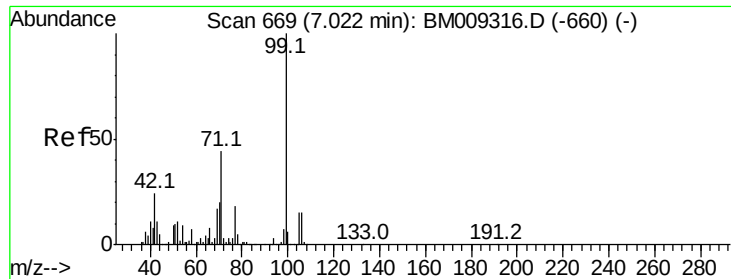


#5

2-Fluorophenol
Concen: 147.96 ng
RT: 5.43 min Scan# 399
Delta R.T. 0.00 min
Lab File: BM009445.D
Acq: 30 Mar 2017 11:04

Tgt Ion:112 Resp: 1109898
Ion Ratio Lower Upper
112 100
64 74.5 38.6 57.8#
63 40.8 19.3 28.9#





#7

Phenol-d6

Concen: 138.14 ng

RT: 7.02 min Scan# 668

Delta R.T. -0.01 min

Lab File: BM009445.D

Acq: 30 Mar 2017 11:04

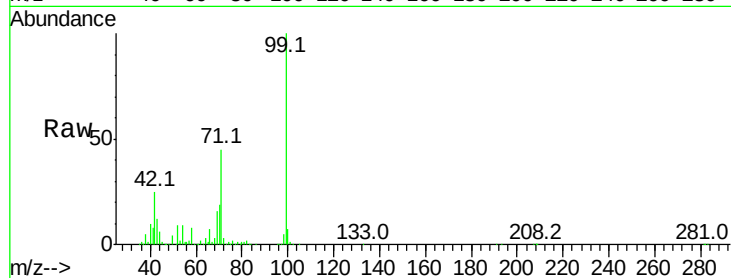
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 1413098

Ion	Ratio	Lower	Upper
99	100		
42	24.7	11.0	16.4#
71	44.9	23.4	35.2#

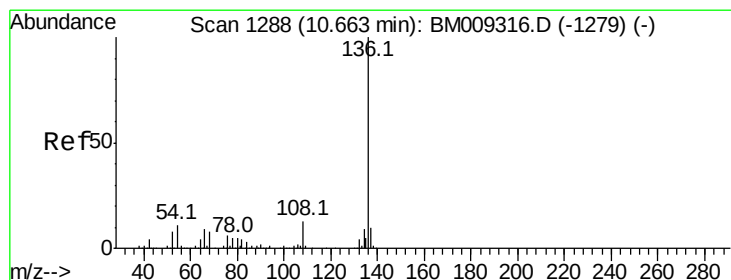
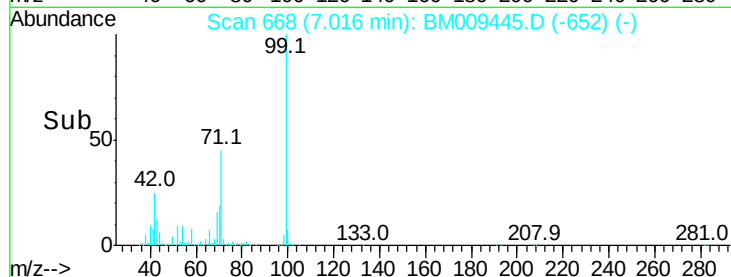
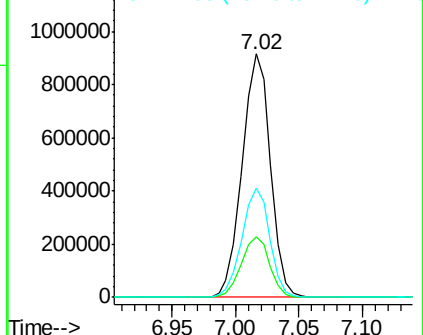


Abundance

Ion 99.00 (98.70 to 99.70): BM009316.D (-660) (-)

Ion 42.00 (41.70 to 42.70): BM009316.D (-660) (-)

Ion 71.00 (70.70 to 71.70): BM009316.D (-660) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.65 min Scan# 1286

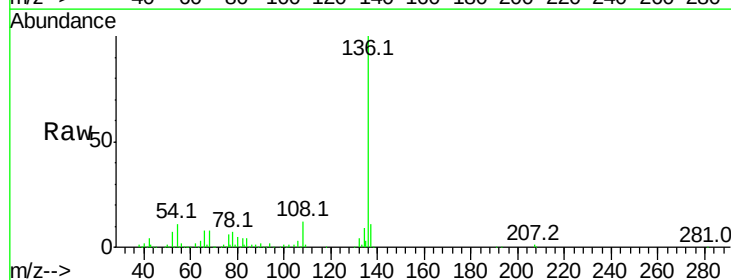
Delta R.T. -0.01 min

Lab File: BM009445.D

Acq: 30 Mar 2017 11:04

Tgt Ion: 136 Resp: 453379

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	11.0	4.6	6.8#
68	8.3	3.7	5.5#



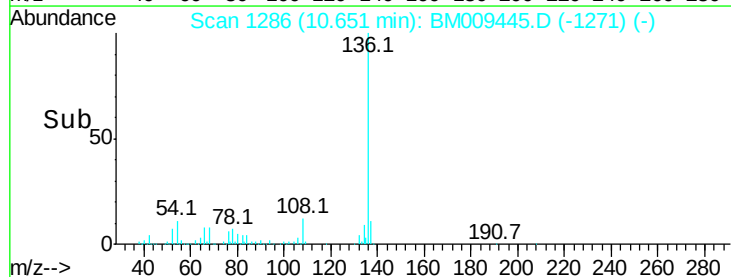
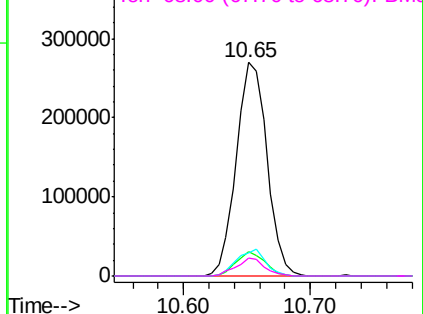
Abundance

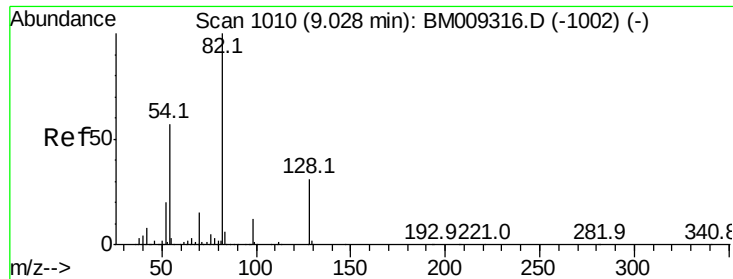
Ion 136.00 (135.70 to 136.70): BM009316.D (-1279) (-)

Ion 137.00 (136.70 to 137.70): BM009316.D (-1279) (-)

Ion 54.00 (53.70 to 54.70): BM009316.D (-1279) (-)

Ion 68.00 (67.70 to 68.70): BM009316.D (-1279) (-)

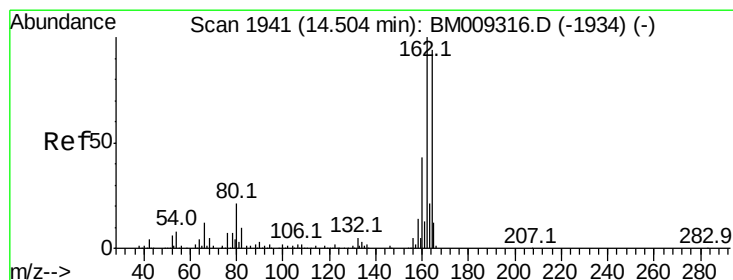
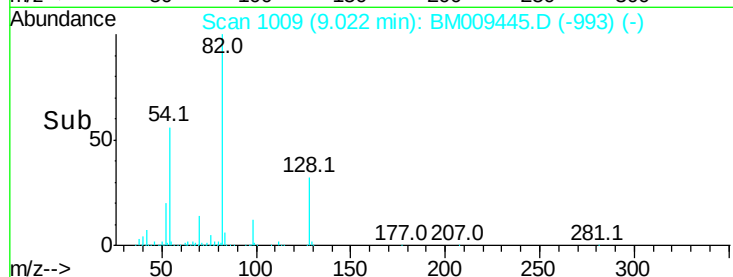
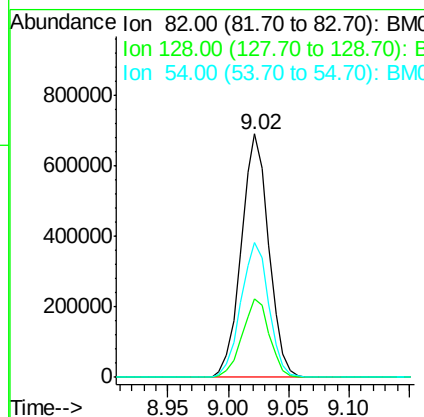
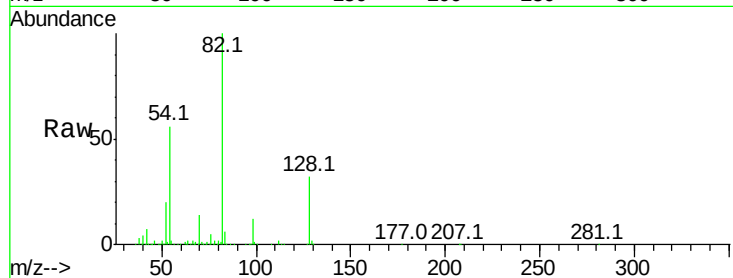




#23
Nitrobenzene-d5
Concen: 90.98 ng
RT: 9.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BM009445.D
Acq: 30 Mar 2017 11:04

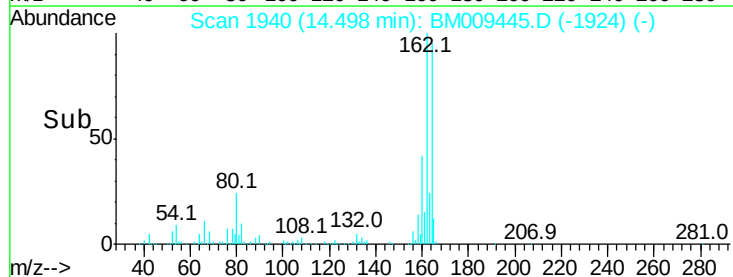
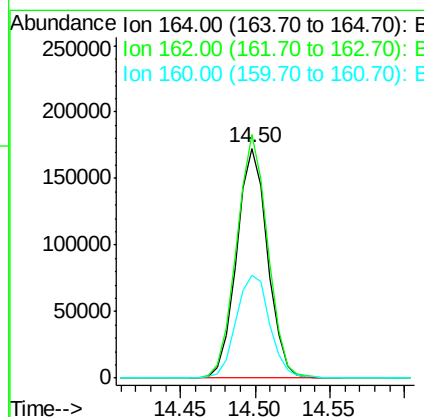
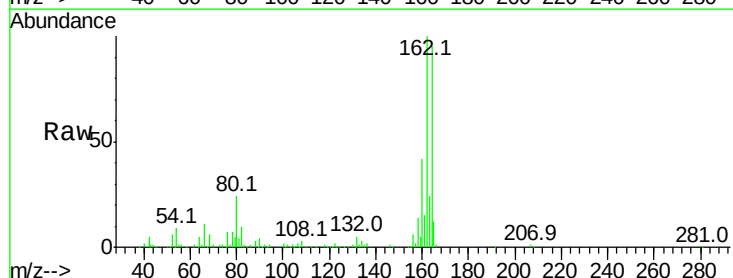
Instrument :
BNA_M
ClientSampled :

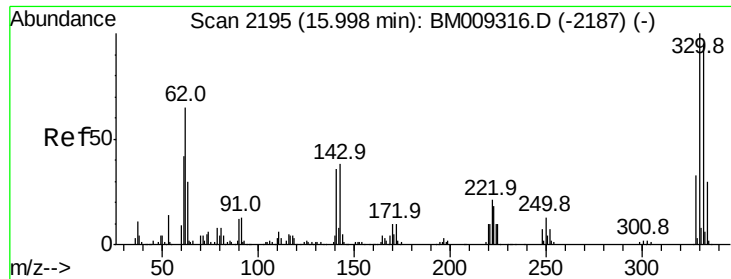
Tot Ion: 82 Resp: 1100165
Ion Ratio Lower Upper
82 100
128 32.3 32.8 49.2#
54 55.6 40.6 60.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.50 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BM009445.D
Acq: 30 Mar 2017 11:04

Tgt Ion:164 Resp: 250123
Ion Ratio Lower Upper
164 100
162 105.8 82.4 123.6
160 44.5 35.8 53.6

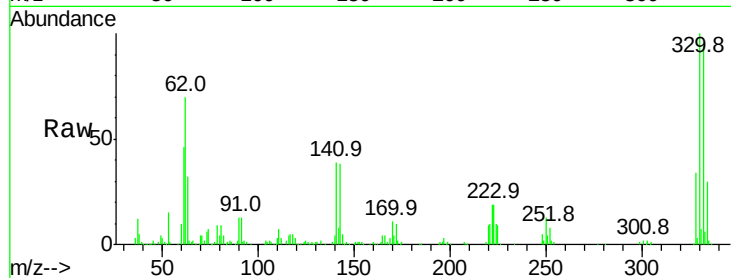




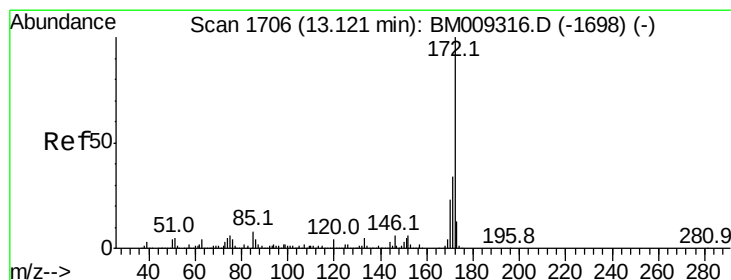
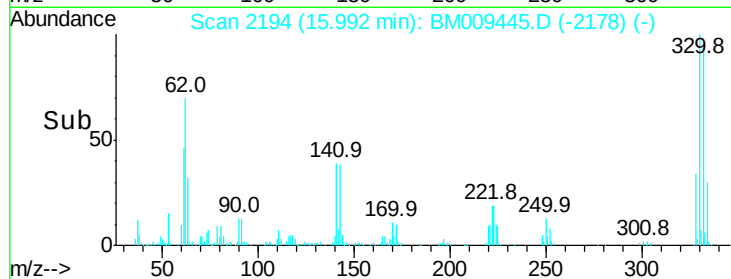
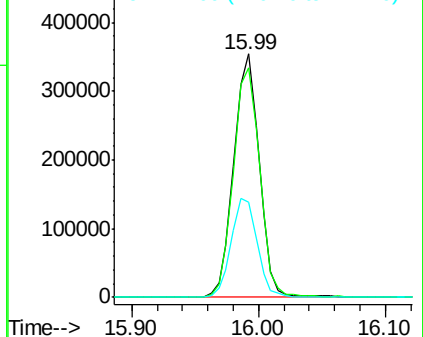
#41
 2,4,6-Tribromophenol
 Concen: 158.42 ng
 RT: 15.99 min Scan# 2194
 Delta R.T. -0.01 min
 Lab File: BM009445.D
 Acq: 30 Mar 2017 11:04

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	0.0	0.0#
141	41.8	0.0	0.0#

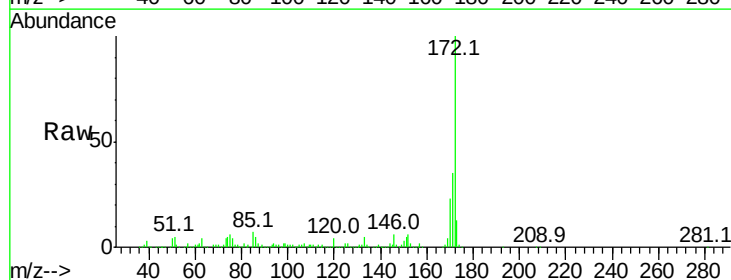


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

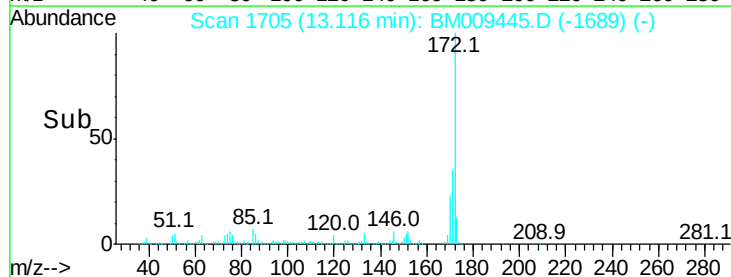
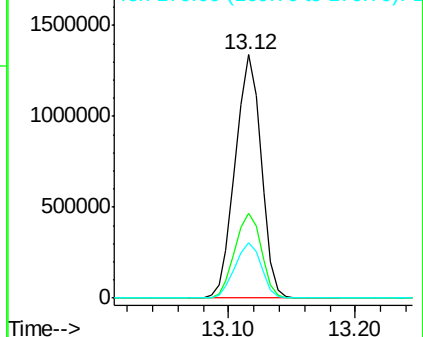


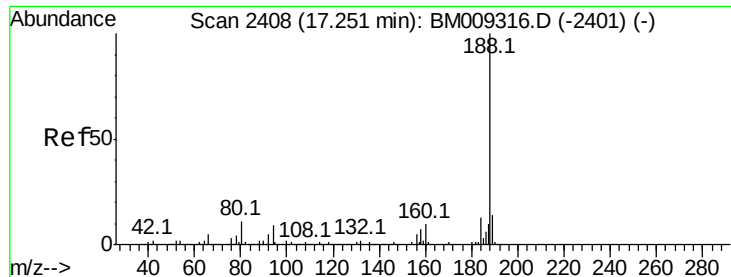
#44
 2-Fluorobiphenyl
 Concen: 91.46 ng
 RT: 13.12 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BM009445.D
 Acq: 30 Mar 2017 11:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.5	42.7
170	23.0	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: BM009445.D

Acq: 30 Mar 2017 11:04

Instrument :

BNA_M

ClientSampleId :

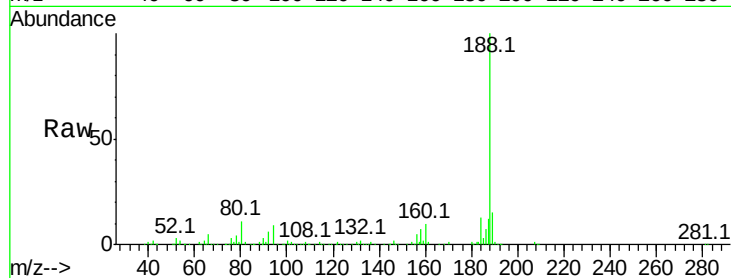
Tot Ion:188 Resp: 622134

Ion Ratio Lower Upper

188 100

94 9.0 8.7 13.1

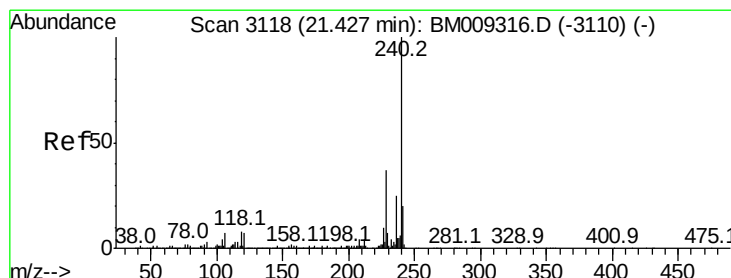
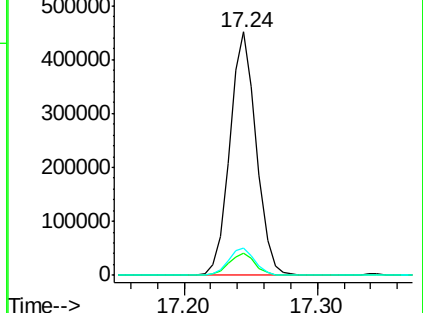
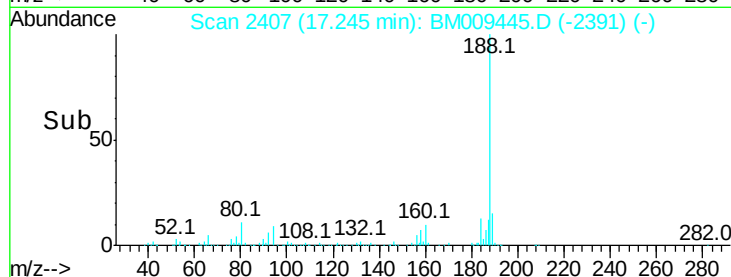
80 11.1 9.3 13.9



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: 21.42 min Scan# 3117

Delta R.T. -0.01 min

Lab File: BM009445.D

Acq: 30 Mar 2017 11:04

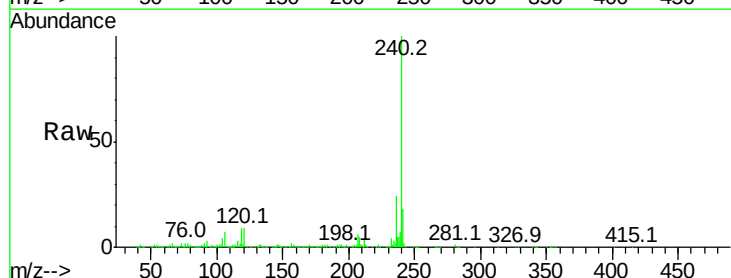
Tgt Ion:240 Resp: 876191

Ion Ratio Lower Upper

240 100

120 8.8 8.2 12.2

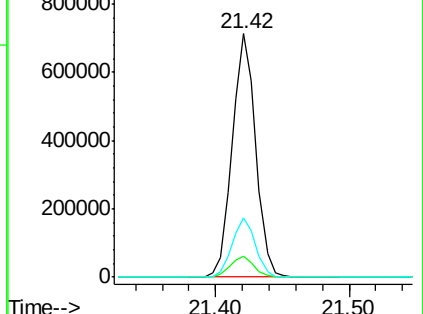
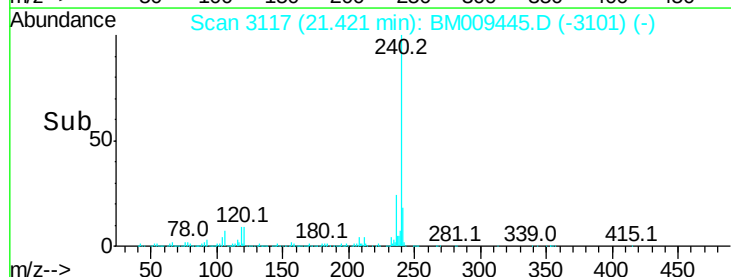
236 24.4 20.0 30.0

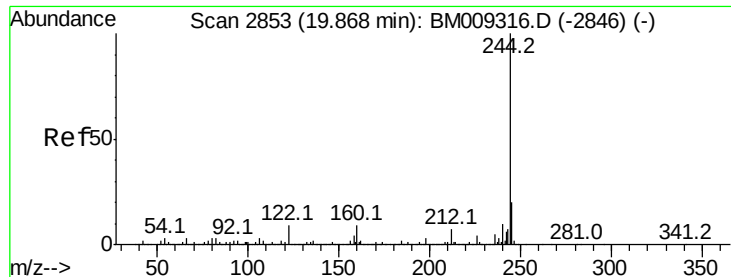


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 77.97 ng

RT: 19.86 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BM009445.D

Acq: 30 Mar 2017 11:04

Instrument :

BNA_M

ClientSampleId :

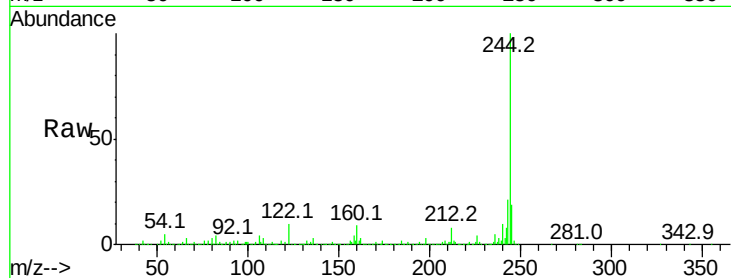
Tot Ion:244 Resp: 3269512

Ion Ratio Lower Upper

244 100

212 7.8 4.9 7.3#

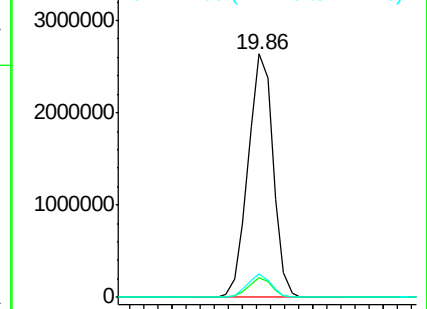
122 9.9 6.2 9.4#



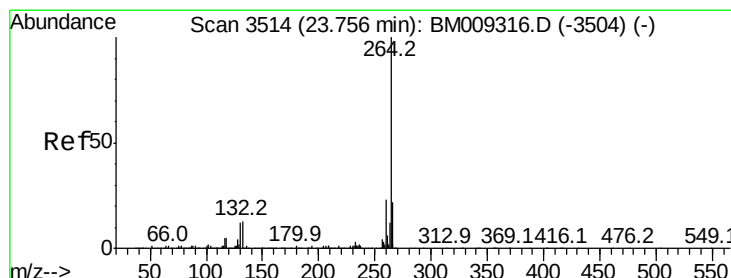
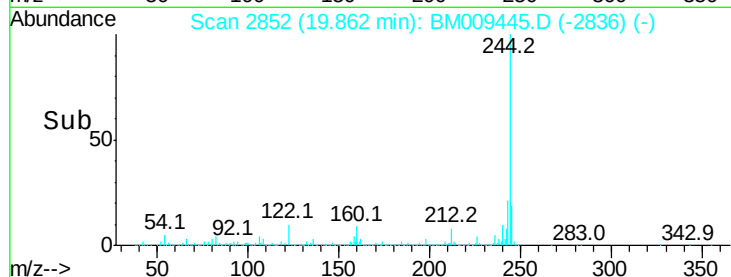
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.75 min Scan# 3513

Delta R.T. -0.01 min

Lab File: BM009445.D

Acq: 30 Mar 2017 11:04

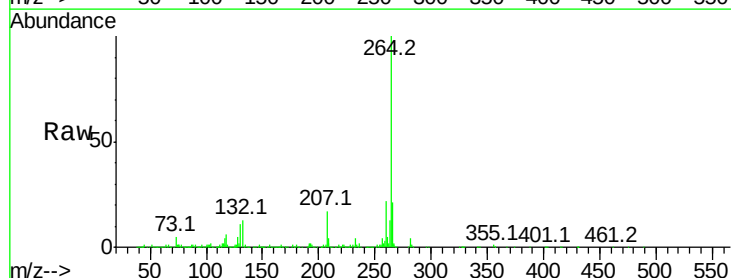
Tgt Ion:264 Resp: 854773

Ion Ratio Lower Upper

264 100

260 22.1 18.6 27.8

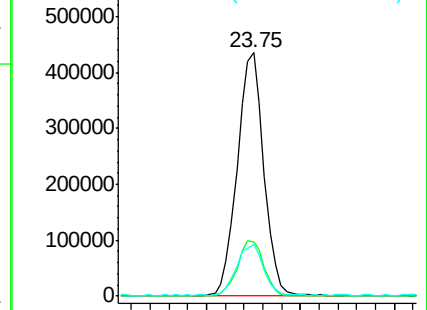
265 21.2 17.3 25.9



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



Time-->

