

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020918\
 Data File : BM014216.D
 Acq On : 09 Feb 2018 16:10
 Operator : SJ/JU
 Sample : PB106423BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 10 02:30:55 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM020718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 17:16:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	89947	20.00	ng	0.00
21) Naphthalene-d8	10.31	136	328892	20.00	ng	0.00
38) Acenaphthene-d10	14.19	164	212930	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	461844	20.00	ng	0.00
75) Chrysene-d12	21.16	240	413198	20.00	ng	0.00
86) Perylene-d12	23.34	264	384106	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	494235	95.77	ng	0.00
7) Phenol-d6	6.73	99	644874	88.23	ng	0.00
23) Nitrobenzene-d5	8.70	82	471943	64.10	ng	0.00
41) 2,4,6-Tribromophenol	15.70	330	225228	74.54	ng	0.00
44) 2-Fluorobiphenyl	12.80	172	1010895	59.26	ng	0.00
78) Terphenyl-d14	19.60	244	1458267	68.96	ng	0.00

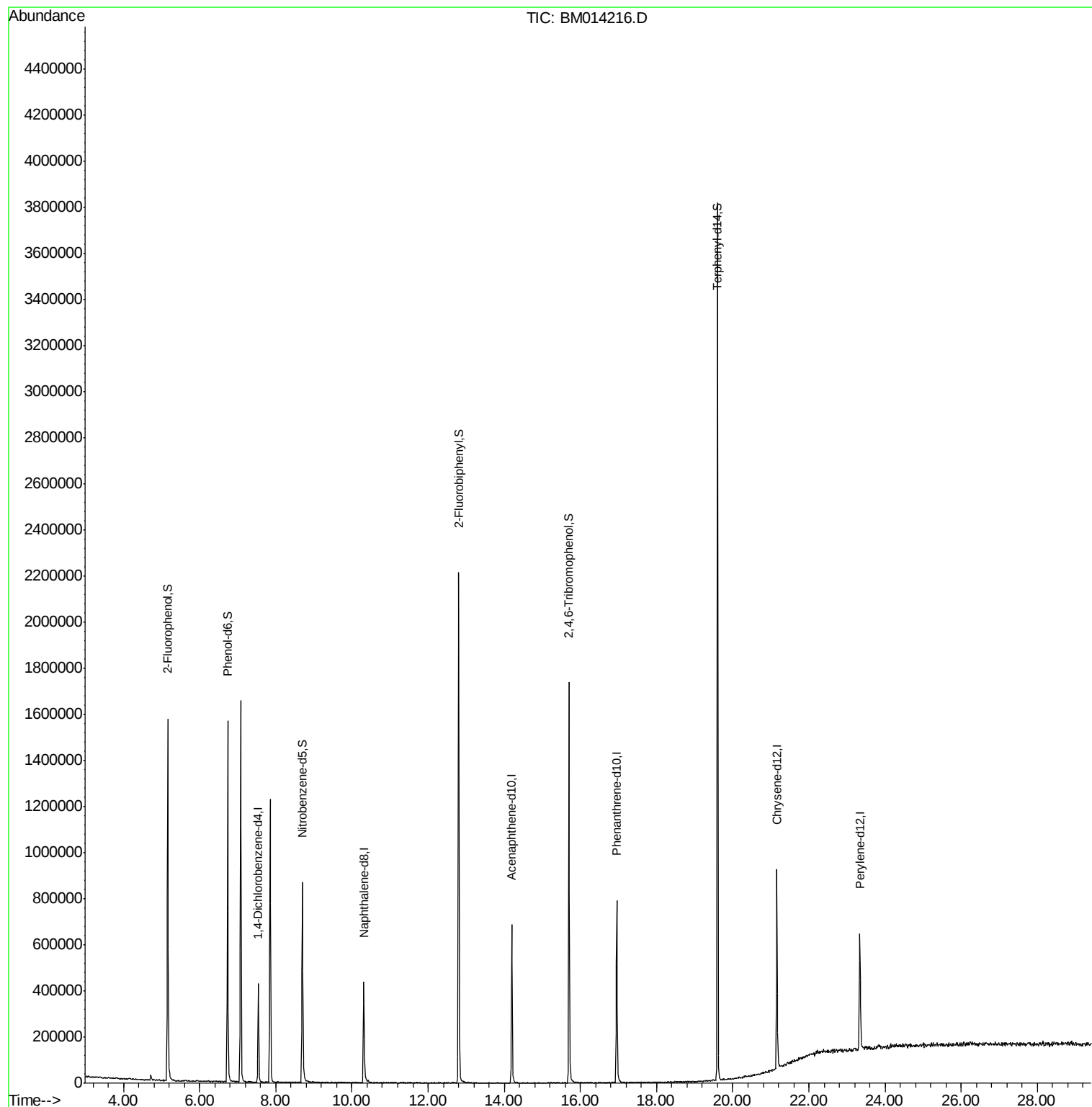
Target Compounds Qvalue

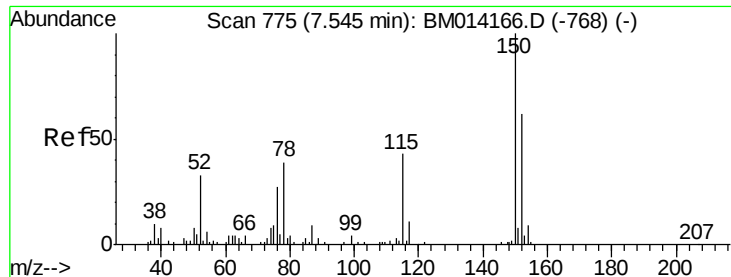
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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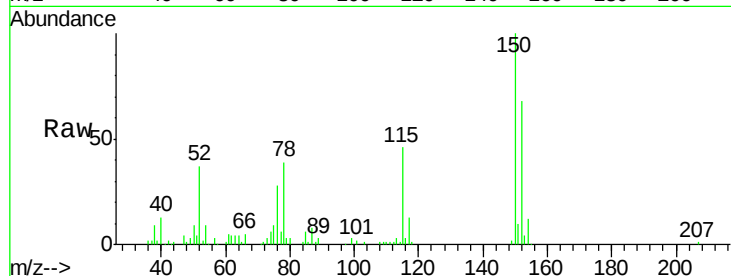


#1

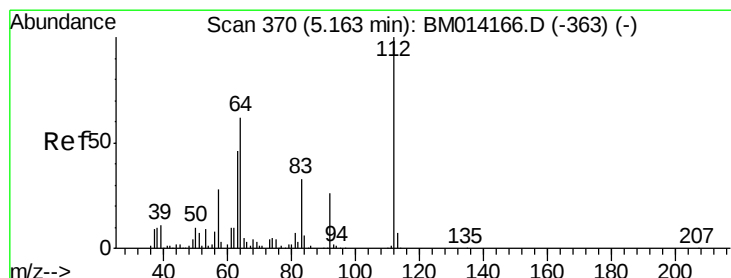
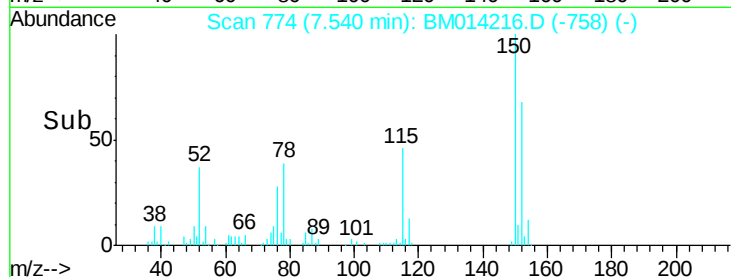
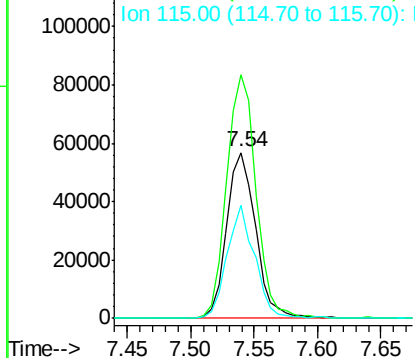
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.54 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM014216.D
Acq: 09 Feb 2018 16:10

Instrument :
BNA_M
ClientSampled :

Tot Ion	152	Resp	89947
Ion	Ratio	Lower	Upper
152	100		
150	146.9	119.5	179.3
115	67.9	43.0	64.4



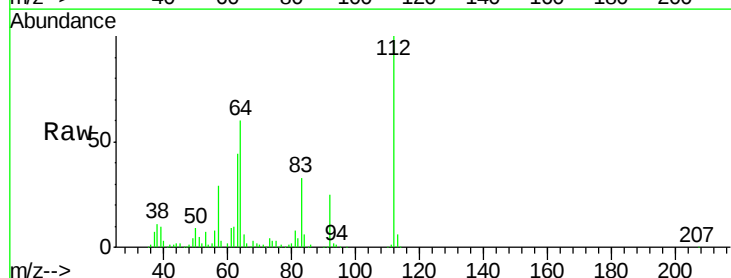
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



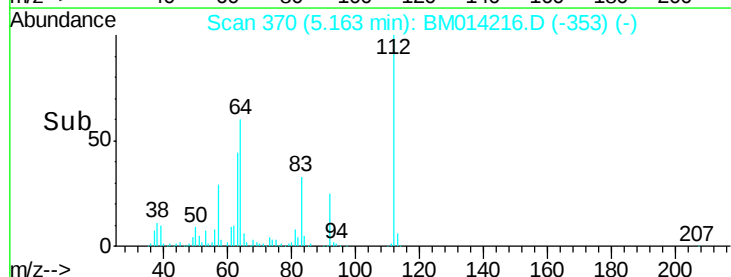
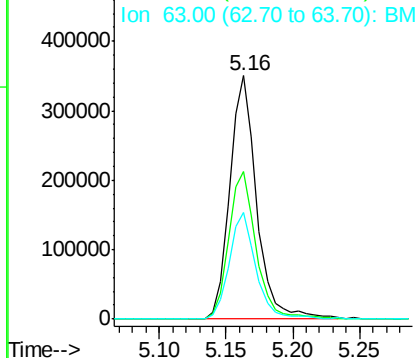
#5

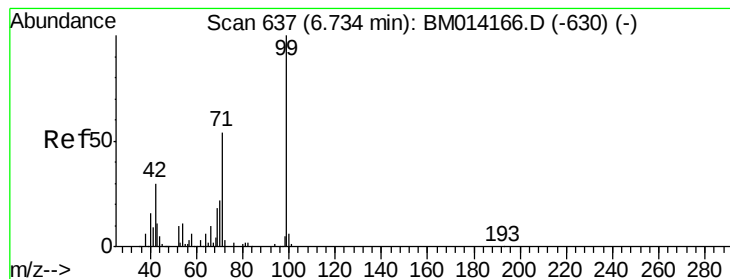
2-Fluorophenol
Concen: 95.77 ng
RT: 5.16 min Scan# 370
Delta R.T. 0.00 min
Lab File: BM014216.D
Acq: 09 Feb 2018 16:10

Tgt Ion	112	Resp	494235
Ion	Ratio	Lower	Upper
112	100		
64	60.4	38.6	57.8
63	43.9	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: 88.23 ng

RT: 6.73 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM014216.D

Acq: 09 Feb 2018 16:10

Instrument :

BNA_M

ClientSampled :

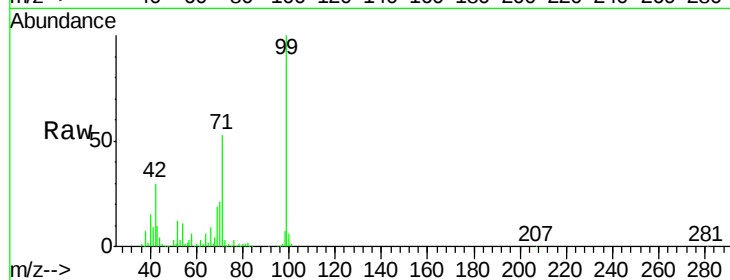
Tot Ion: 99 Resp: 644874

Ion Ratio Lower Upper

99 100

42 29.8 11.0 16.4#

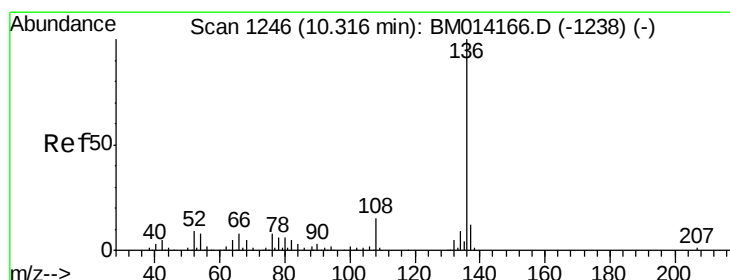
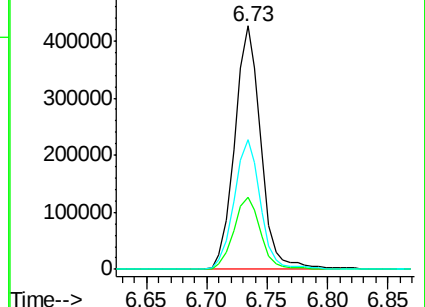
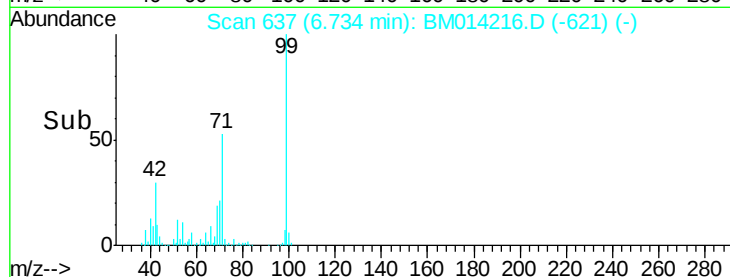
71 53.3 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM014216.D (-621) (-)

Ion 42.00 (41.70 to 42.70): BM014216.D (-621) (-)

Ion 71.00 (70.70 to 71.70): BM014216.D (-621) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.31 min Scan# 1245

Delta R.T. -0.01 min

Lab File: BM014216.D

Acq: 09 Feb 2018 16:10

Tgt Ion: 136 Resp: 328892

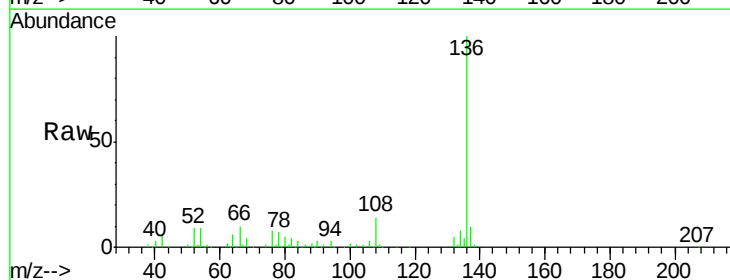
Ion Ratio Lower Upper

136 100

137 9.9 8.7 13.1

54 9.2 4.6 6.8#

68 4.0 3.7 5.5

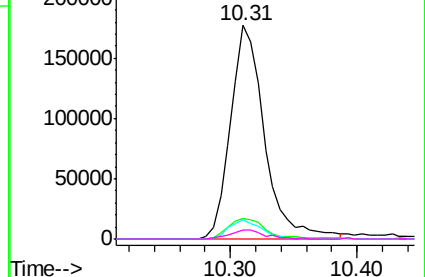
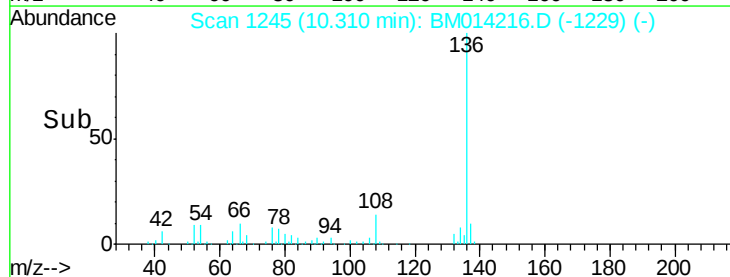


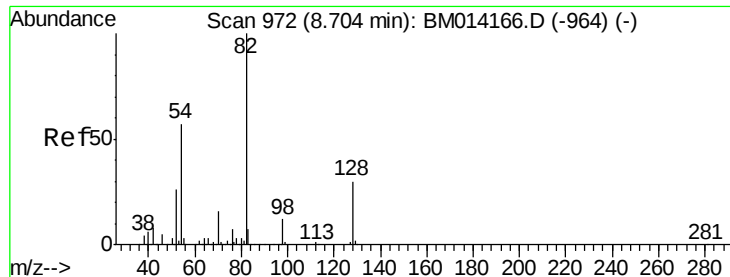
Abundance Ion 136.00 (135.70 to 136.70): BM014216.D (-1229) (-)

Ion 137.00 (136.70 to 137.70): BM014216.D (-1229) (-)

Ion 54.00 (53.70 to 54.70): BM014216.D (-1229) (-)

Ion 68.00 (67.70 to 68.70): BM014216.D (-1229) (-)

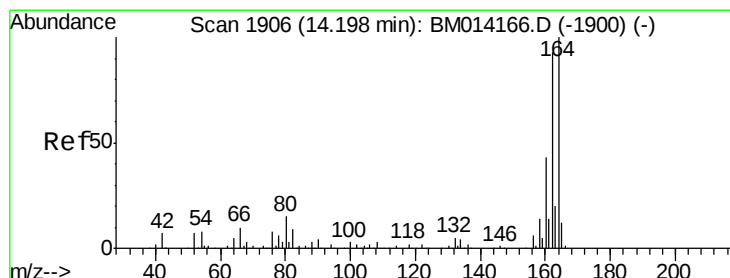
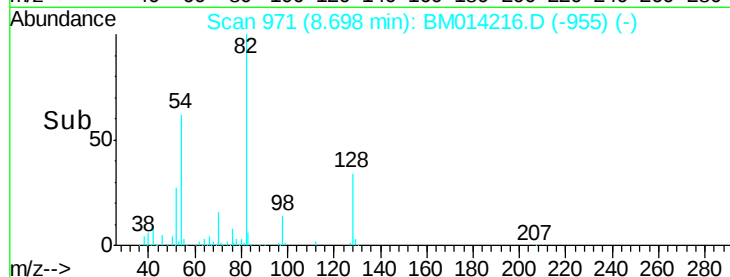
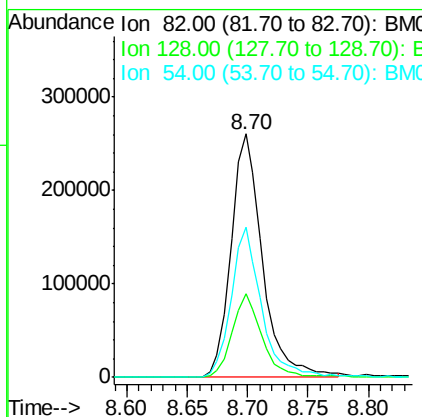
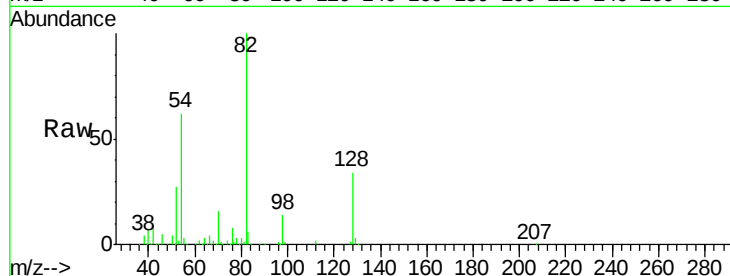




#23
 Nitrobenzene-d5
 Concen: 64.10 ng
 RT: 8.70 min Scan# 971
 Delta R.T. -0.01 min
 Lab File: BM014216.D
 Acq: 09 Feb 2018 16:10

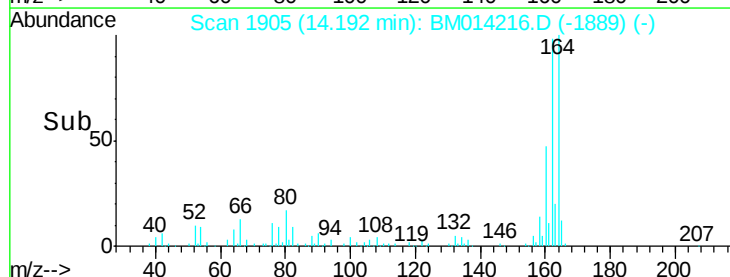
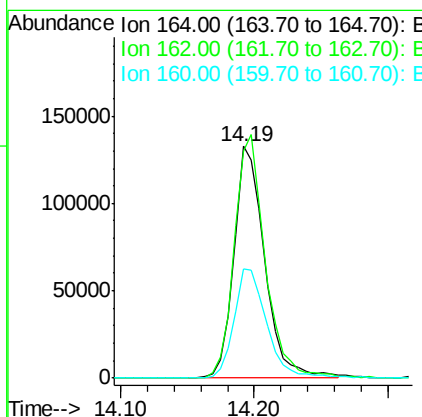
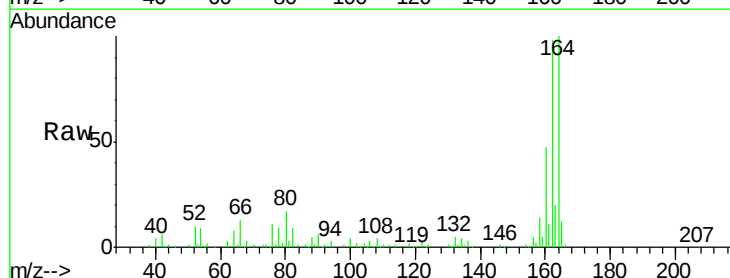
Instrument :
 BNA_M
 ClientSampleId :

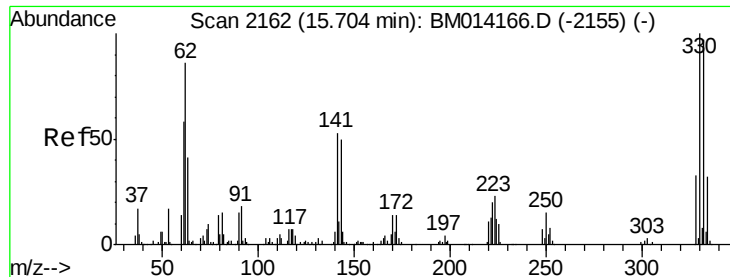
Tot Ion	82	Resp	471943
Ion Ratio	Lower	Upper	
82	100		
128	34.3	32.8	49.2
54	61.5	40.6	60.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.19 min Scan# 1905
 Delta R.T. -0.01 min
 Lab File: BM014216.D
 Acq: 09 Feb 2018 16:10

Tgt Ion	164	Resp	212930
Ion Ratio	Lower	Upper	
164	100		
162	97.9	82.4	123.6
160	47.1	35.8	53.6





#41

2,4,6-Tribromophenol

Concen: 74.54 ng

RT: 15.70 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BM014216.D

Acq: 09 Feb 2018 16:10

Instrument :

BNA_M

ClientSampleId :

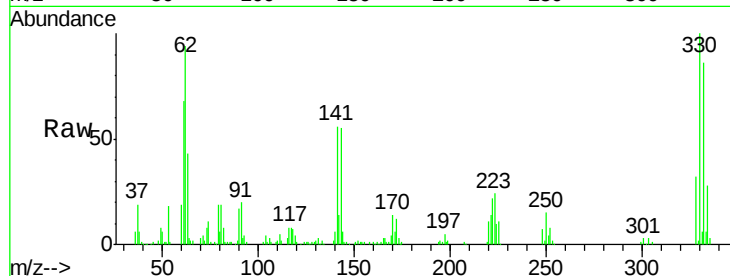
Tot Ion:330 Resp: 225228

Ion Ratio Lower Upper

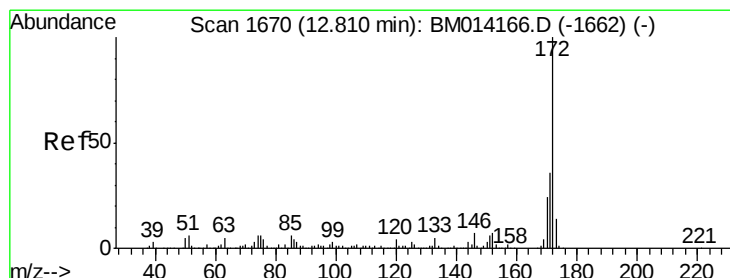
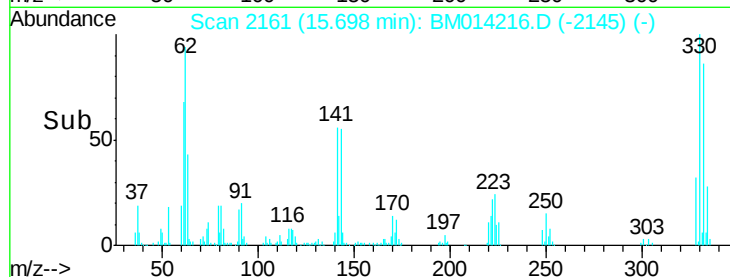
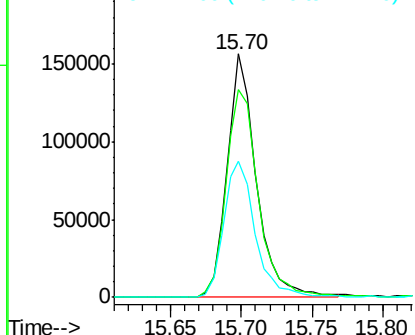
330 100

332 94.5 0.0 0.0#

141 60.4 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: 59.26 ng

RT: 12.80 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BM014216.D

Acq: 09 Feb 2018 16:10

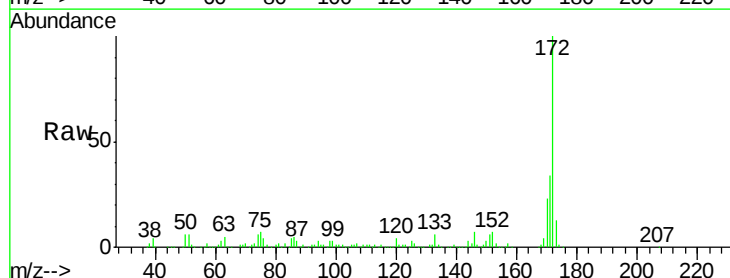
Tgt Ion:172 Resp: 1010895

Ion Ratio Lower Upper

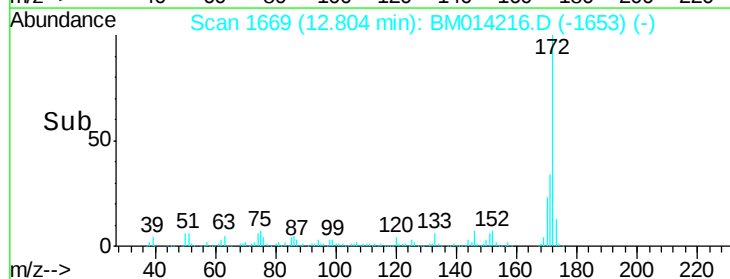
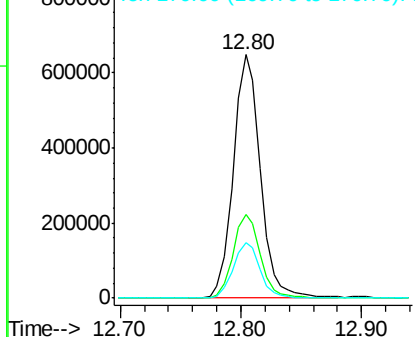
172 100

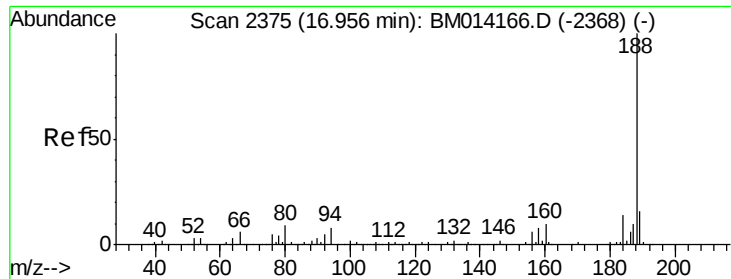
171 34.4 28.5 42.7

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

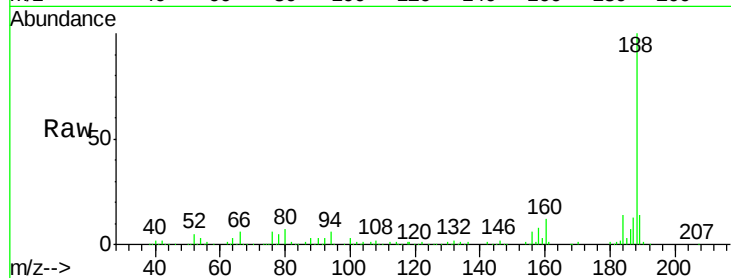




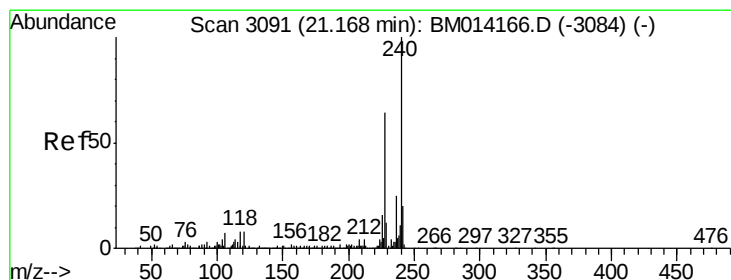
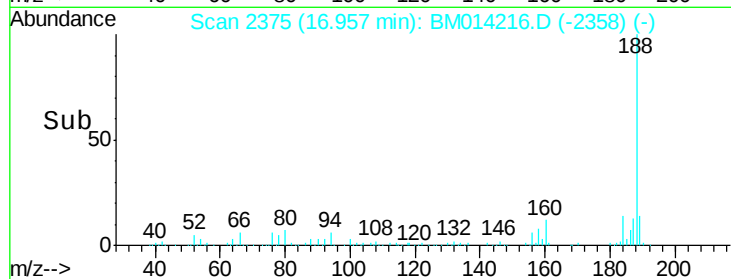
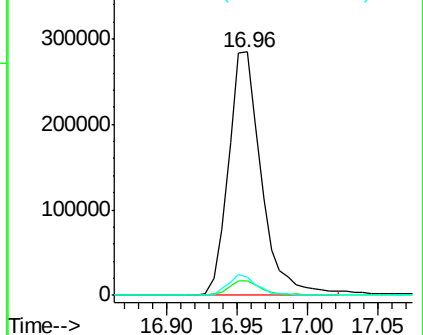
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.96 min Scan# 2375
Delta R.T. -0.00 min
Lab File: BM014216.D
Acq: 09 Feb 2018 16:10

Instrument :
BNA_M
ClientSampleId :

Tot Ion:188 Resp: 461844
Ion Ratio Lower Upper
188 100
94 6.2 8.7 13.1#
80 7.5 9.3 13.9#

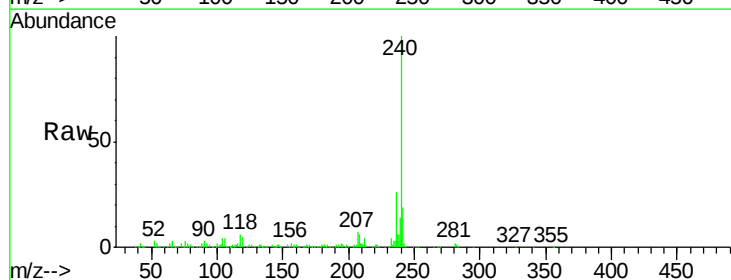


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM014216.D (-2358) (-)
Ion 80.00 (79.70 to 80.70): BM014216.D (-2358) (-)

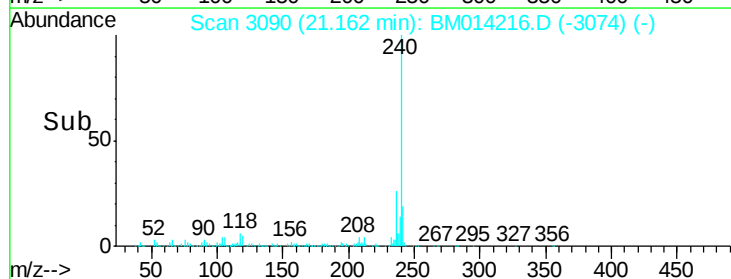
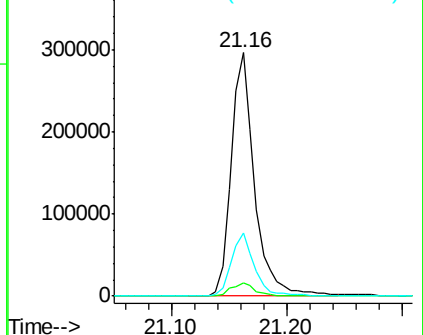


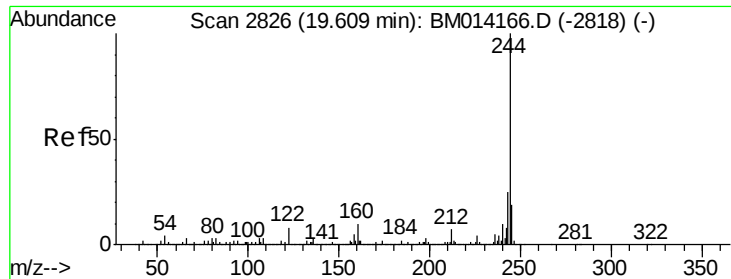
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.16 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM014216.D
Acq: 09 Feb 2018 16:10

Tgt Ion:240 Resp: 413198
Ion Ratio Lower Upper
240 100
120 5.2 8.2 12.2#
236 25.7 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: 68.96 ng

RT: 19.60 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM014216.D

Acq: 09 Feb 2018 16:10

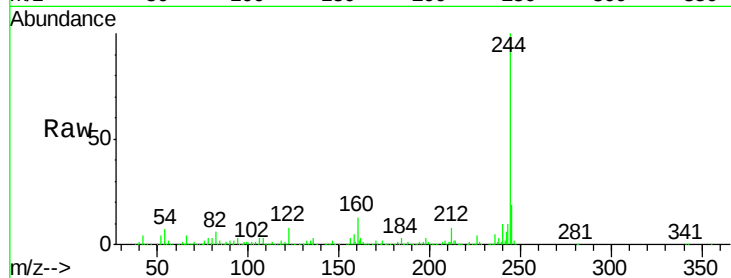
Instrument :

BNA_M

ClientSampleId :

Tot Ion:244 Resp: 1458267

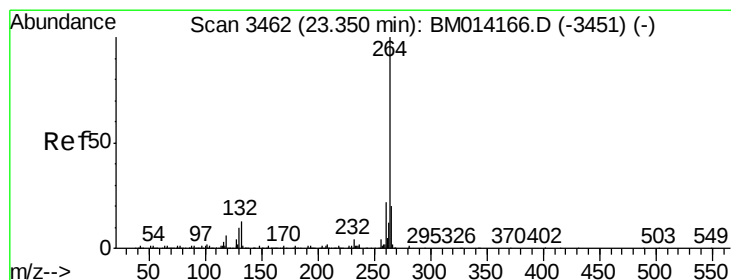
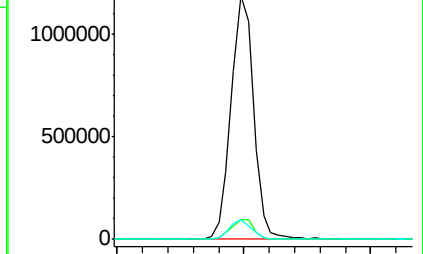
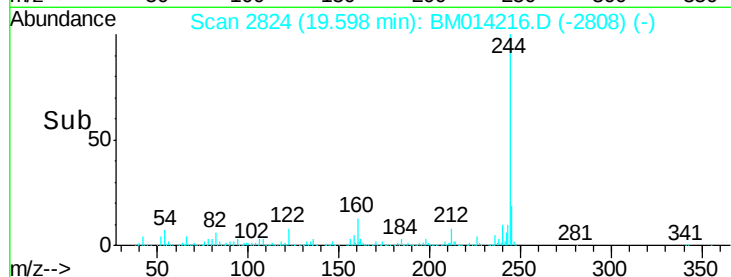
Ion	Ratio	Lower	Upper
244	100		
212	8.0	4.9	7.3#
122	8.0	6.2	9.4



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: 23.34 min Scan# 3460

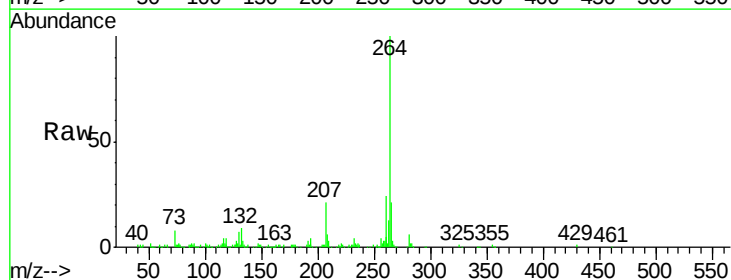
Delta R.T. -0.01 min

Lab File: BM014216.D

Acq: 09 Feb 2018 16:10

Tgt Ion:264 Resp: 384106

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	27.8
265	21.3	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

