

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082718\
 Data File : BM016609.D
 Acq On : 27 Aug 2018 16:39
 Operator : SJ/JU
 Sample : J4646-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 27 17:19:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 27 13:01:22 2018
 Response via : Initial Calibration

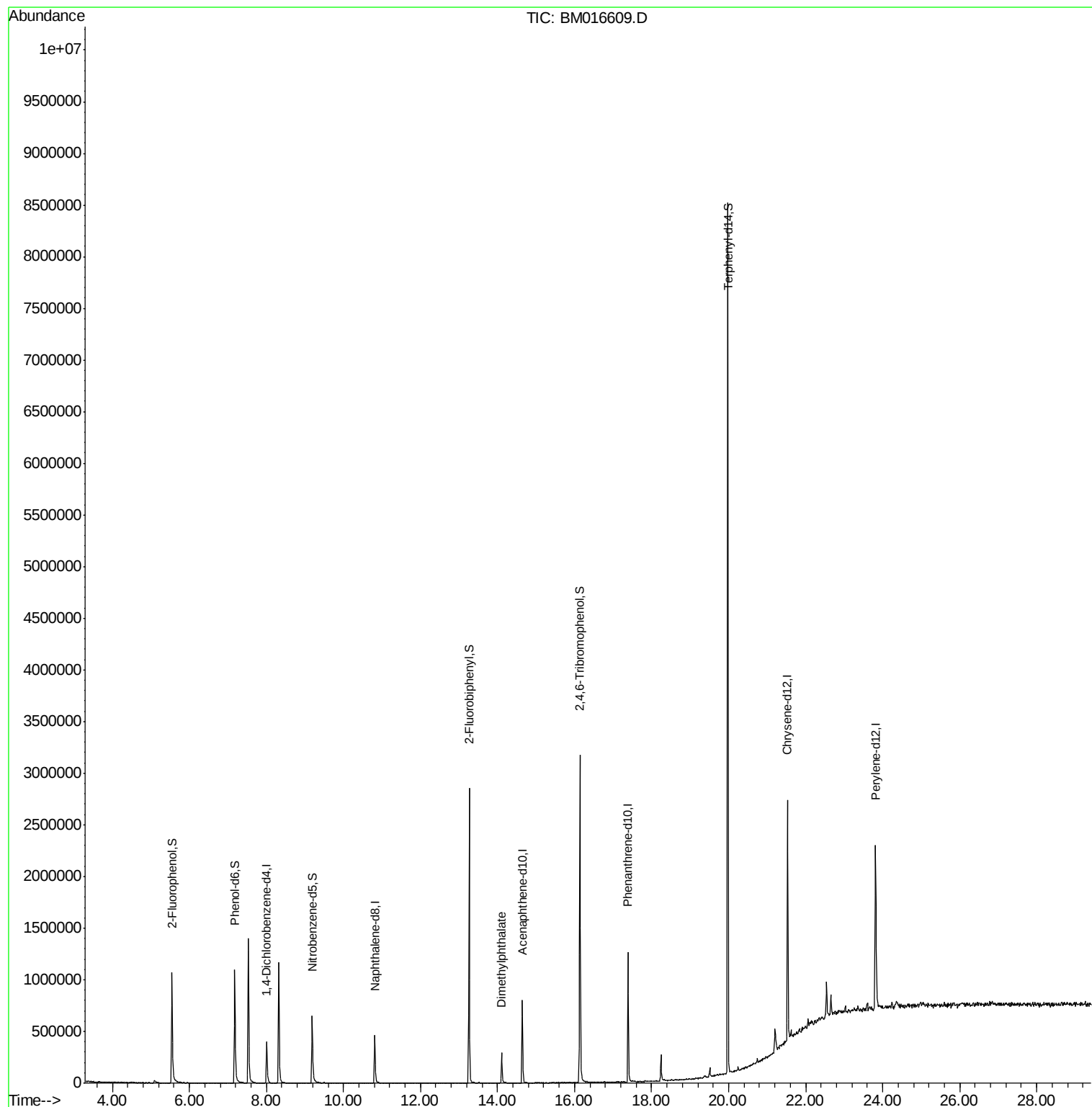
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	95723	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	308747	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	232829	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	773426	20.00	ng	0.00
75) Chrysene-d12	21.53	240	1092210	20.00	ng	0.00
86) Perylene-d12	23.81	264	1239242	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	391228	80.09	ng	0.00
7) Phenol-d6	7.18	99	471784	72.99	ng	0.00
23) Nitrobenzene-d5	9.19	82	392675	58.07	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	542327	83.33	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	1288160	53.18	ng	0.00
78) Terphenyl-d14	19.98	244	3425197	66.38	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.11	163	190878	8.533	ng	Qvalue # 98

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

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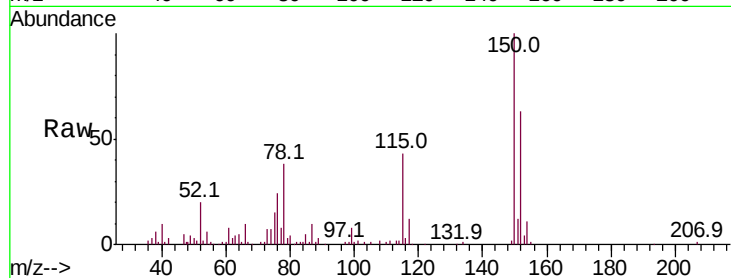


#1

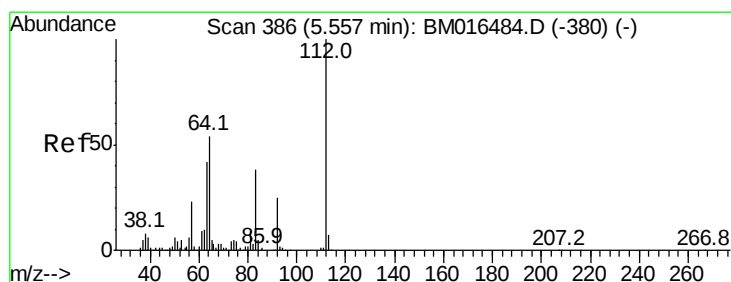
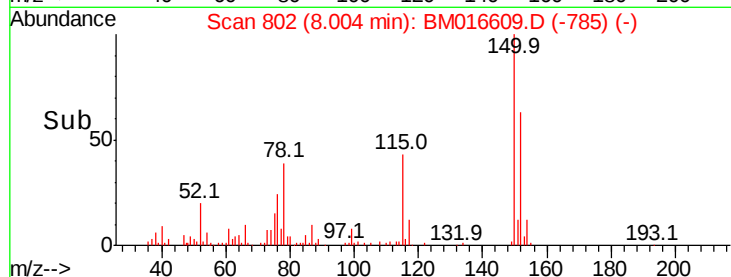
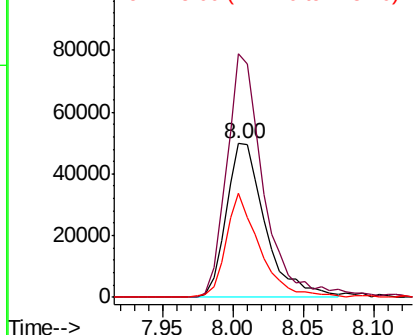
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 802
Delta R.T. -0.00 min
Lab File: BM016609.D
Acq: 27 Aug 2018 16:39

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 95723
Ion Ratio Lower Upper
152 100
150 158.4 119.5 179.3
115 68.0 43.0 64.4#



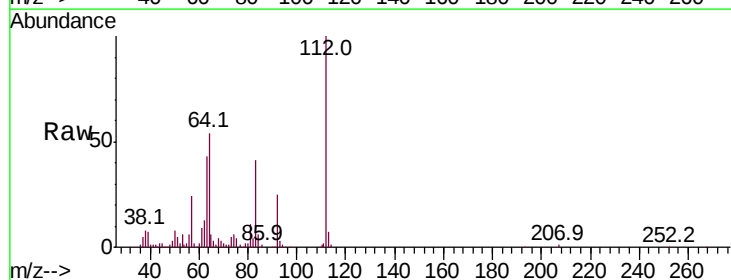
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



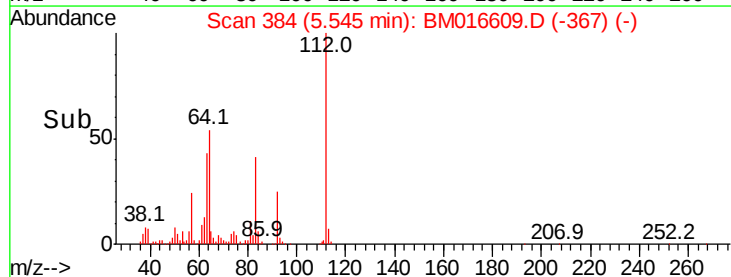
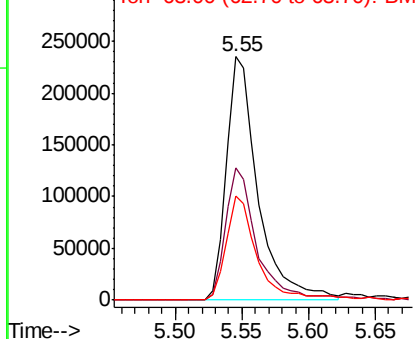
#5

2-Fluorophenol
Concen: 80.090 ng
RT: 5.55 min Scan# 384
Delta R.T. -0.00 min
Lab File: BM016609.D
Acq: 27 Aug 2018 16:39

Tgt Ion:112 Resp: 391228
Ion Ratio Lower Upper
112 100
64 54.2 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: 72.986 ng

RT: 7.18 min Scan# 662

Delta R.T. -0.00 min

Lab File: BM016609.D

Acq: 27 Aug 2018 16:39

Instrument :

BNA_M

ClientSampleId :

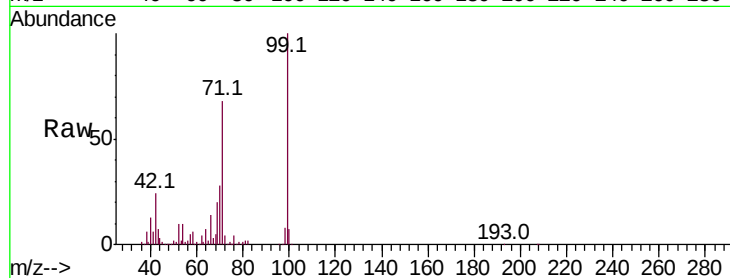
Tot Ion: 99 Resp: 471784

Ion Ratio Lower Upper

99 100

42 23.6 11.0 16.4#

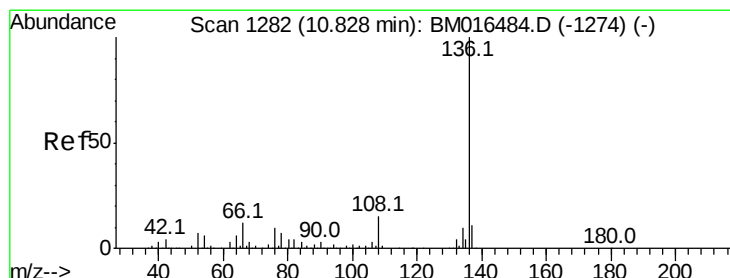
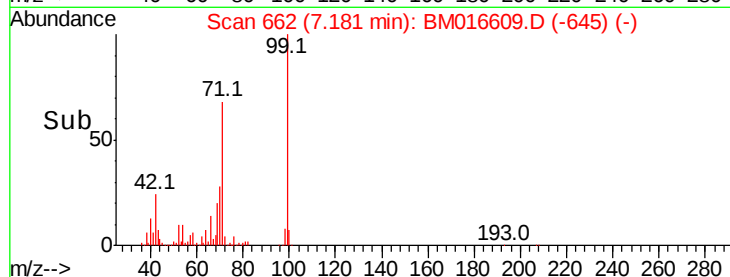
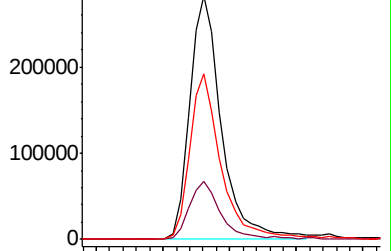
71 67.8 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016609.D (-645) (-)

Ion 42.00 (41.70 to 42.70): BM016609.D (-645) (-)

Ion 71.00 (70.70 to 71.70): BM016609.D (-645) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.81 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BM016609.D

Acq: 27 Aug 2018 16:39

Tgt Ion: 136 Resp: 308747

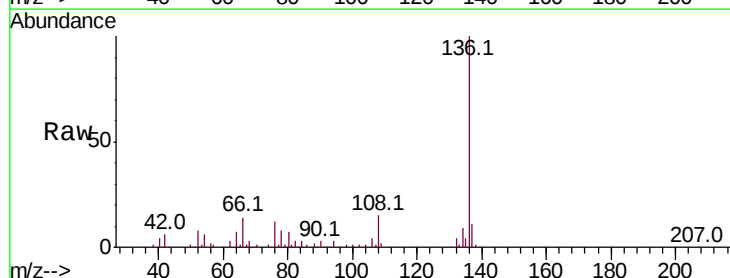
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 6.2 4.6 6.8

68 2.8 3.7 5.5#

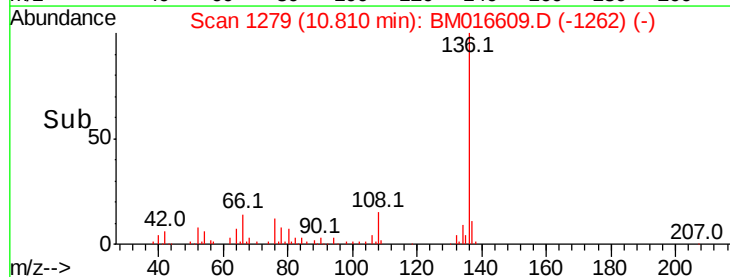
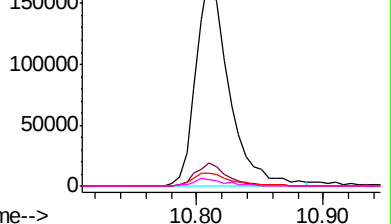


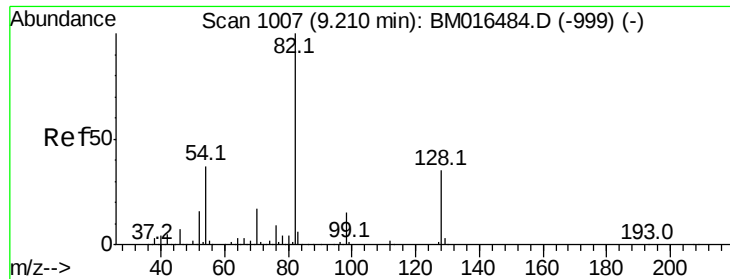
Abundance Ion 136.00 (135.70 to 136.70): BM016609.D (-1262) (-)

Ion 137.00 (136.70 to 137.70): BM016609.D (-1262) (-)

Ion 54.00 (53.70 to 54.70): BM016609.D (-1262) (-)

Ion 68.00 (67.70 to 68.70): BM016609.D (-1262) (-)

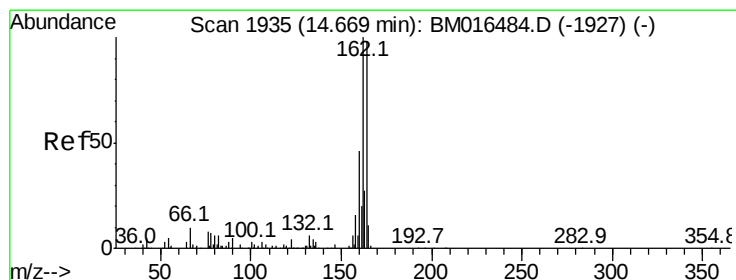
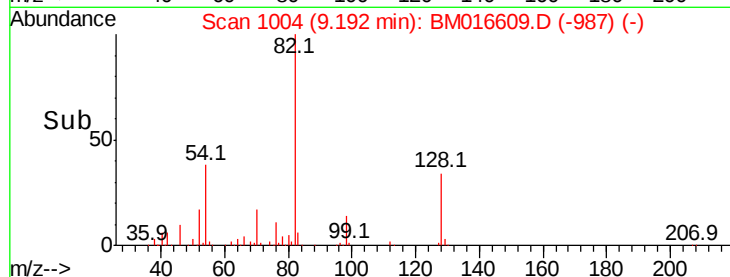
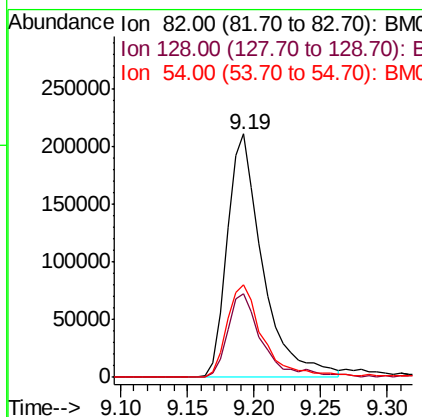
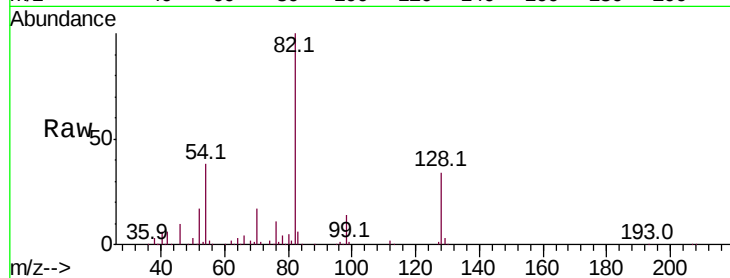




#23
 Nitrobenzene-d5
 Concen: 58.071 ng
 RT: 9.19 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BM016609.D
 Acq: 27 Aug 2018 16:39

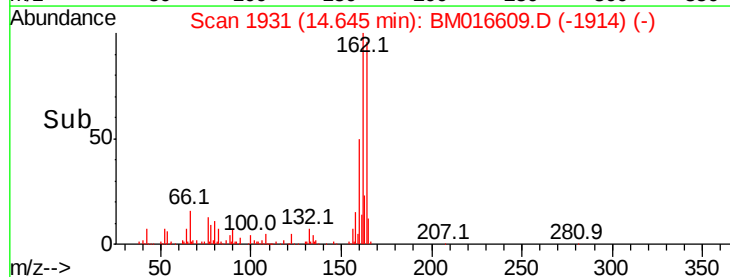
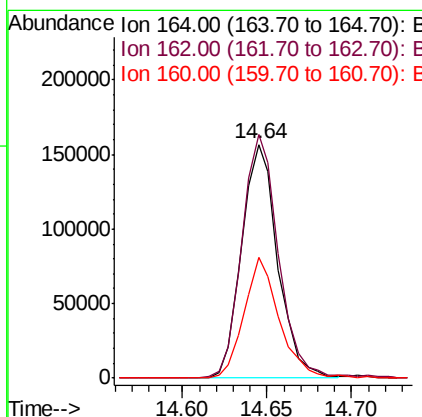
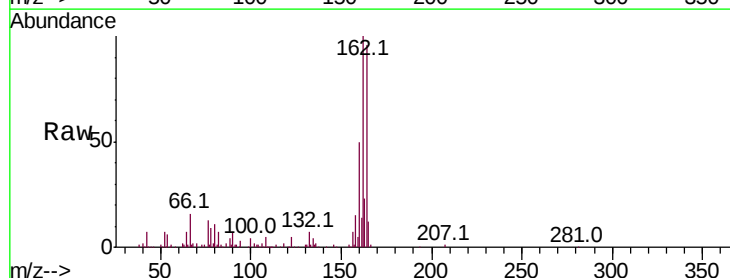
Instrument :
 BNA_M
 ClientSampled :

Tot Ion	82	Resp	392675
Ion	Ratio	Lower	Upper
82	100		
128	34.1	32.8	49.2
54	38.0	40.6	60.8#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.64 min Scan# 1931
 Delta R.T. -0.00 min
 Lab File: BM016609.D
 Acq: 27 Aug 2018 16:39

Tgt Ion	164	Resp	232829
Ion	Ratio	Lower	Upper
164	100		
162	104.1	82.4	123.6
160	51.5	35.8	53.6

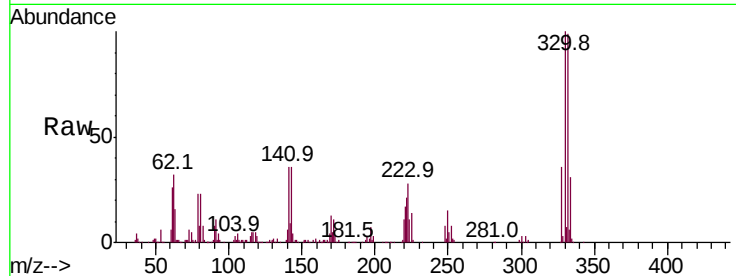




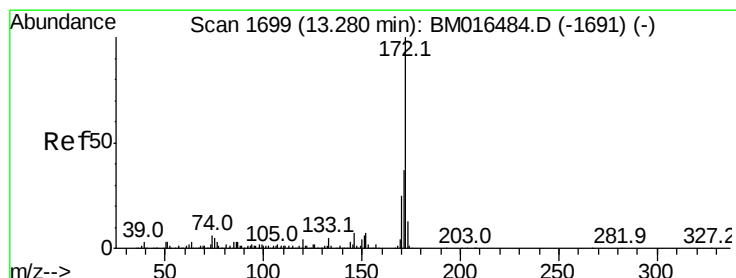
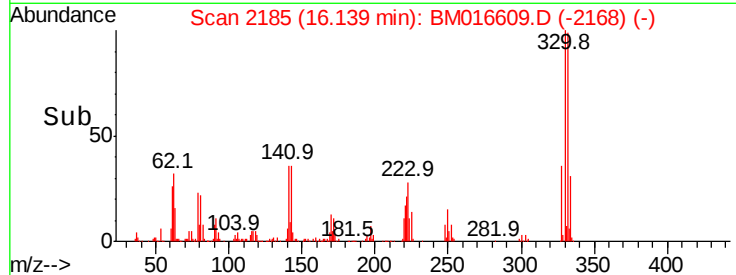
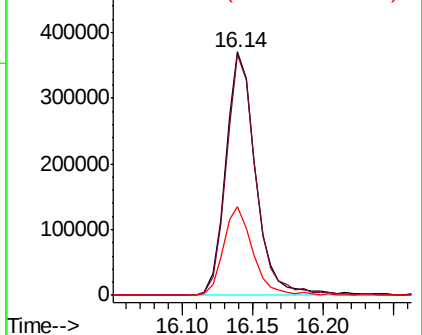
#41
 2,4,6-Tribromophenol
 Concen: 83.325 ng
 RT: 16.14 min Scan# 2185
 Delta R.T. -0.00 min
 Lab File: BM016609.D
 Acq: 27 Aug 2018 16:39

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	0.0	0.0#
141	36.2	0.0	0.0#

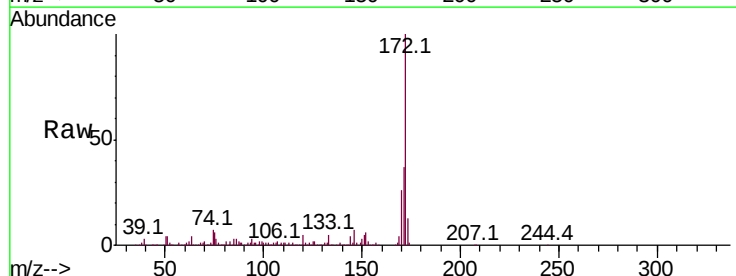


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

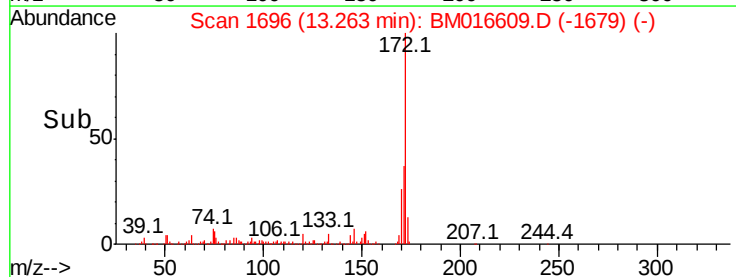
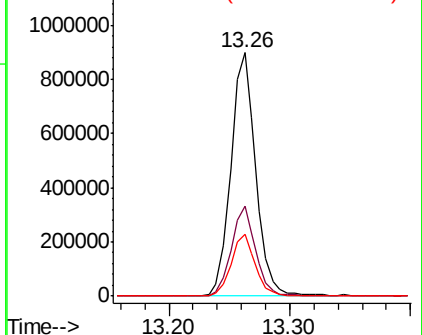


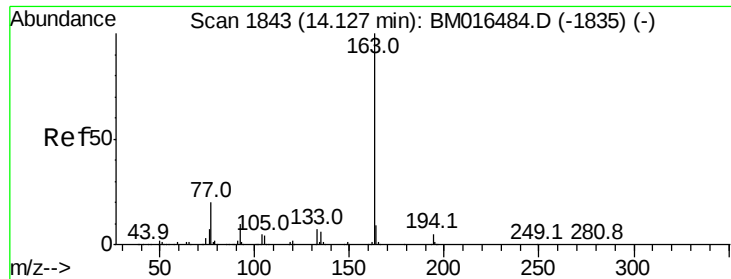
#44
 2-Fluorobiphenyl
 Concen: 53.181 ng
 RT: 13.26 min Scan# 1696
 Delta R.T. -0.00 min
 Lab File: BM016609.D
 Acq: 27 Aug 2018 16:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.5	42.7
170	25.6	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

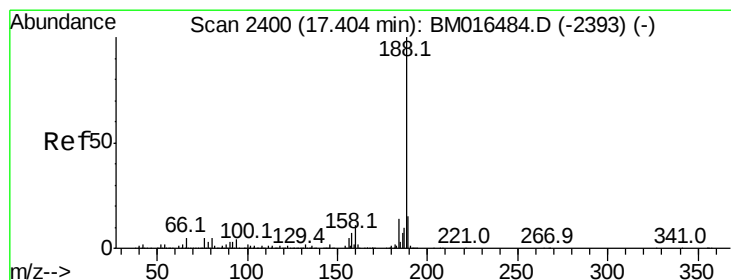
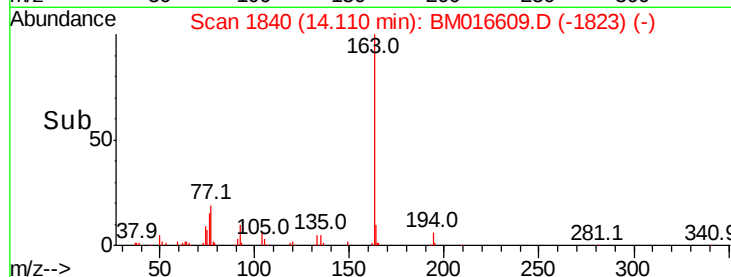
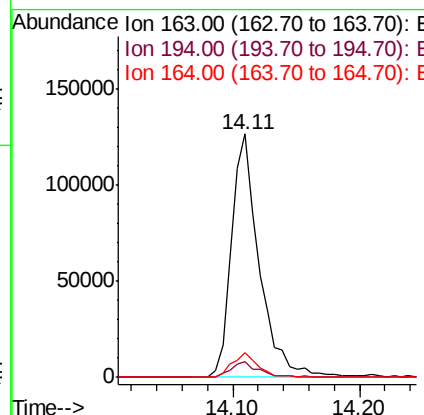
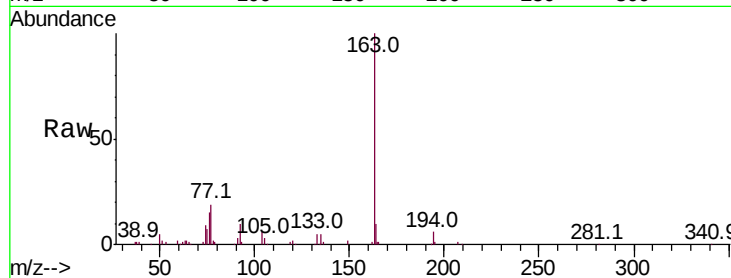




#49
Dimethylphthalate
Concen: 8.533 ng
RT: 14.11 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BM016609.D
Acq: 27 Aug 2018 16:39

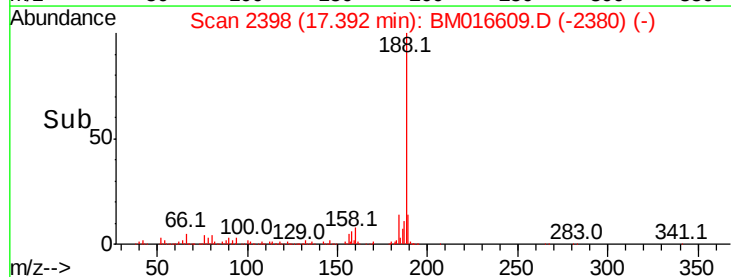
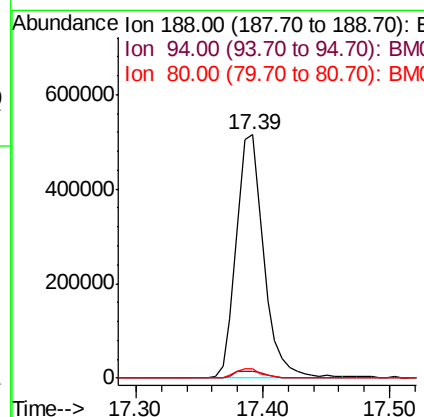
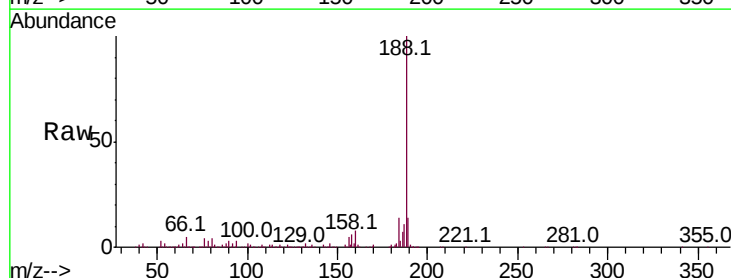
Instrument :
BNA_M
ClientSampleId :

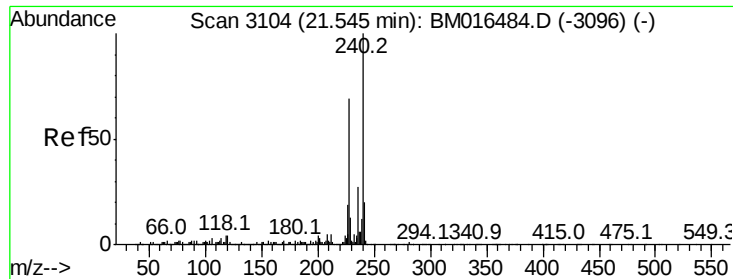
Tot Ion	Ratio	Lower	Upper
163	100		
194	6.3	2.7	4.1#
164	10.2	8.2	12.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2398
Delta R.T. 0.01 min
Lab File: BM016609.D
Acq: 27 Aug 2018 16:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	2.7	8.7	13.1#
80	4.1	9.3	13.9#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.53 min Scan# 3102

Delta R.T. -0.00 min

Lab File: BM016609.D

Acq: 27 Aug 2018 16:39

Instrument :

BNA_M

ClientSampleId :

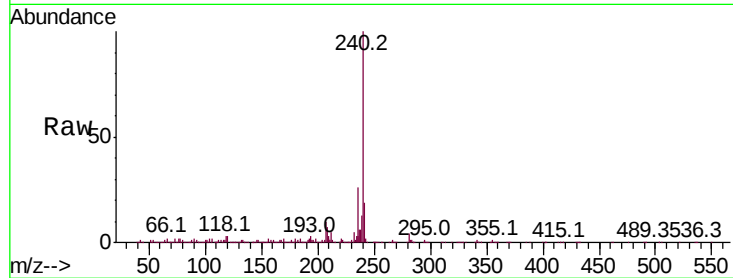
Tot Ion:240 Resp: 1092210

Ion Ratio Lower Upper

240 100

120 3.2 8.2 12.2#

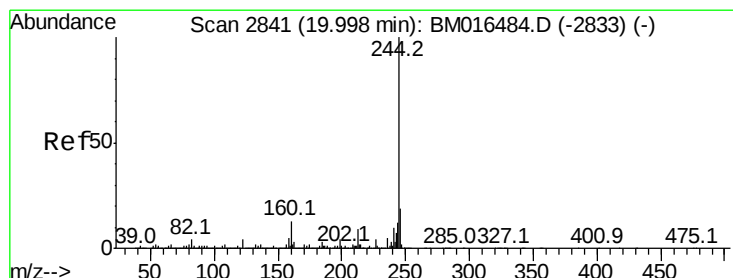
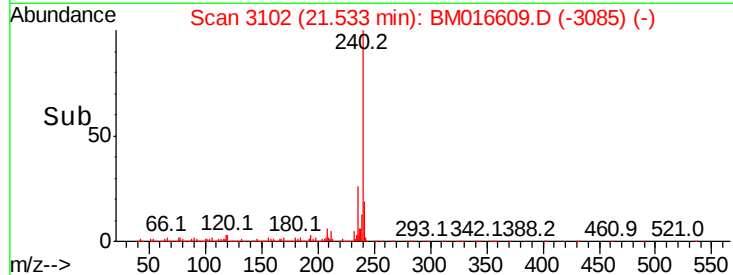
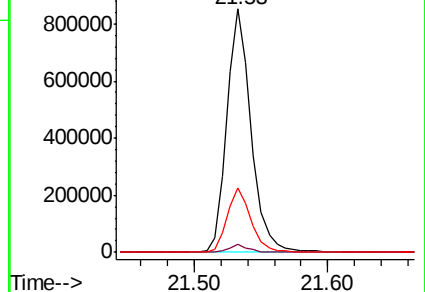
236 26.4 20.0 30.0



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: 66.376 ng

RT: 19.98 min Scan# 2838

Delta R.T. -0.00 min

Lab File: BM016609.D

Acq: 27 Aug 2018 16:39

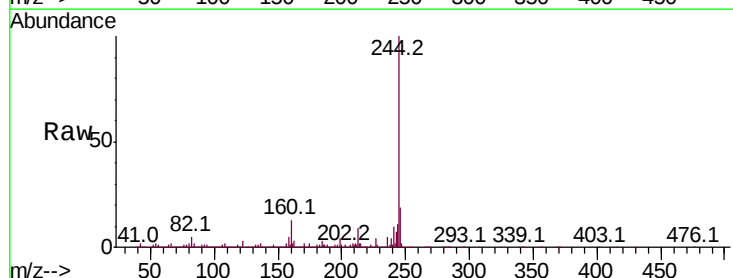
Tgt Ion:244 Resp: 3425197

Ion Ratio Lower Upper

244 100

212 9.2 4.9 7.3#

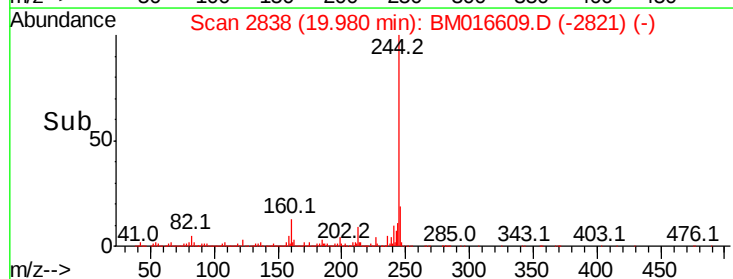
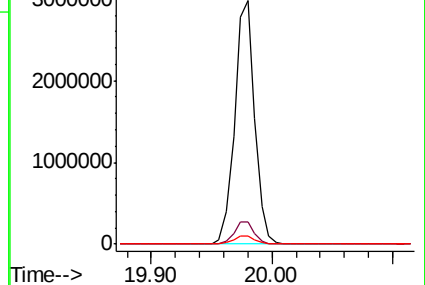
122 3.3 6.2 9.4#

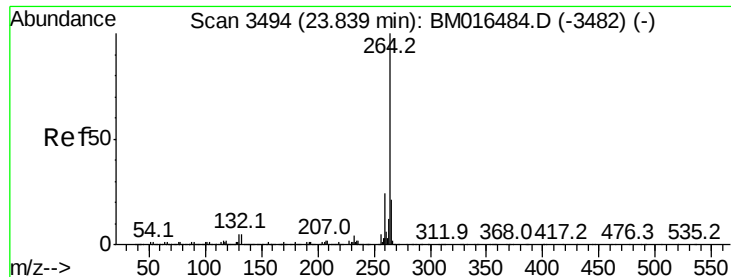


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

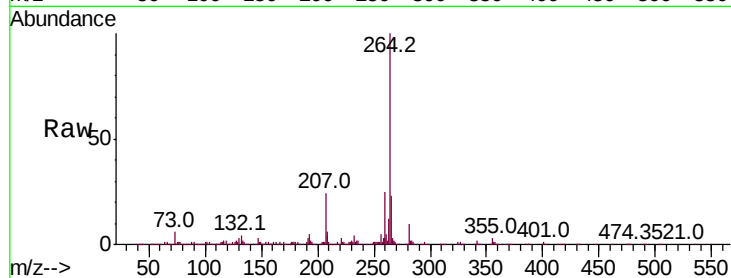




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.81 min Scan# 3490
 Delta R.T. -0.00 min
 Lab File: BM016609.D
 Acq: 27 Aug 2018 16:39

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:264 Resp: 1239242
 Ion Ratio Lower Upper
 264 100
 260 25.0 18.6 27.8
 265 22.6 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

