

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082418\
 Data File : BM016590.D
 Acq On : 24 Aug 2018 16:15
 Operator : SJ/JU
 Sample : J4609-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 2749

Quant Time: Aug 24 22:54:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 24 10:59:20 2018
 Response via : Initial Calibration

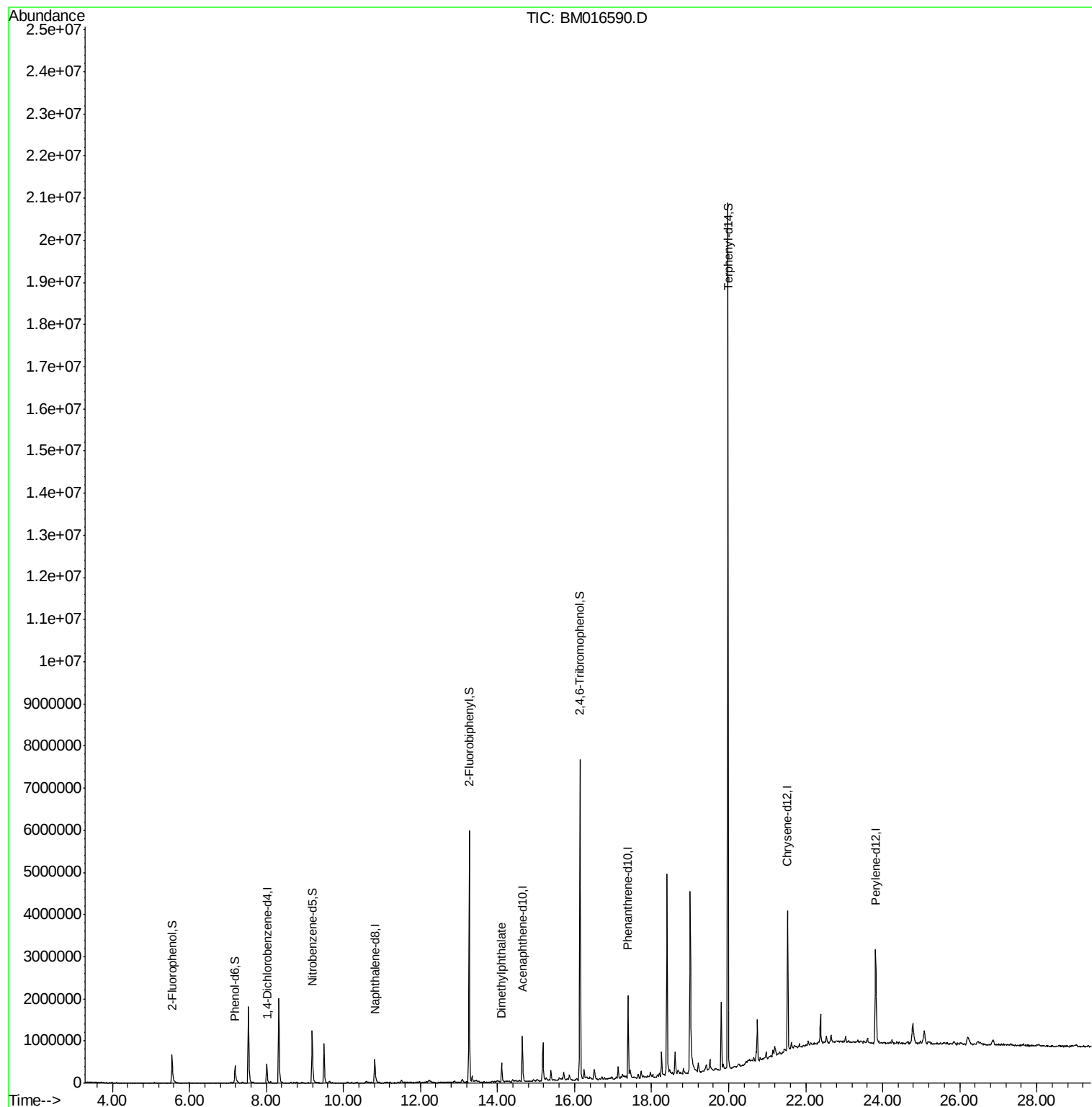
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	102434	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	375329	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	308553	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	1138257	20.00	ng	0.00
75) Chrysene-d12	21.53	240	1562568	20.00	ng	0.00
86) Perylene-d12	23.82	264	1736263	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	258865	49.52	ng	0.00
7) Phenol-d6	7.19	99	195121	28.21	ng	0.00
23) Nitrobenzene-d5	9.19	82	711954	86.61	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	1314997	152.46	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	2610885	81.34	ng	0.00
78) Terphenyl-d14	19.98	244	7747666	104.95	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.11	163	247825	8.360	ng	Qvalue # 96

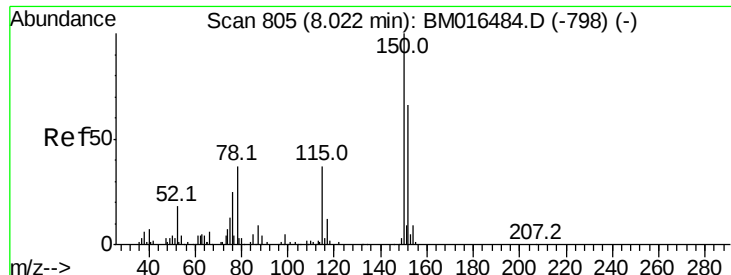
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



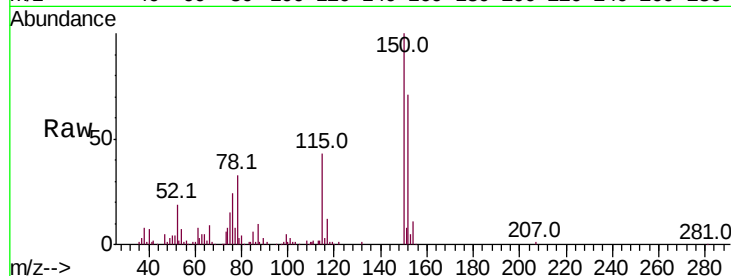


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 803
Delta R.T. 0.01 min
Lab File: BM016590.D
Acq: 24 Aug 2018 16:15

Instrument :
BNA_M
ClientSampleId :
2749

Tot Ion	Ratio	Lower	Upper
152	100		
150	140.9	119.5	179.3
115	60.1	43.0	64.4

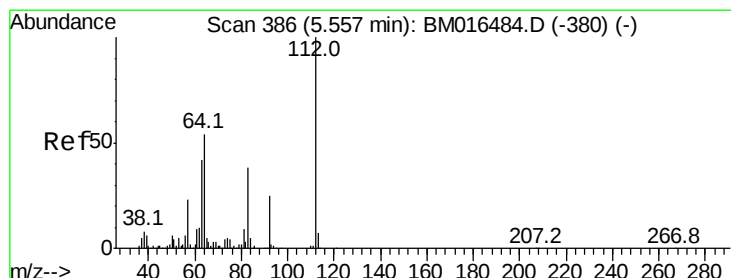
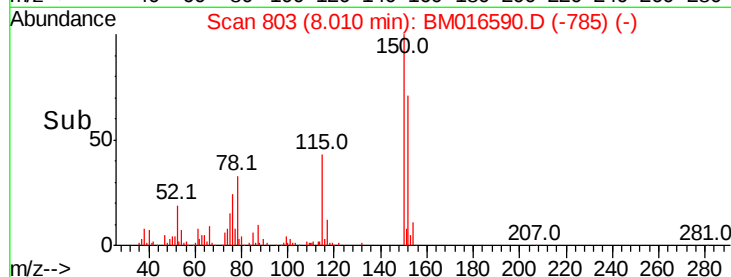
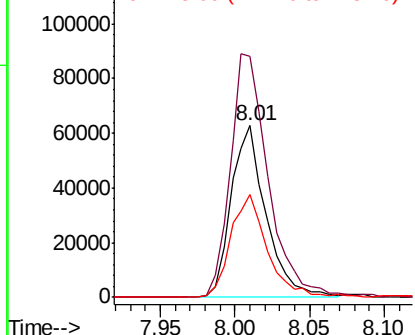


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

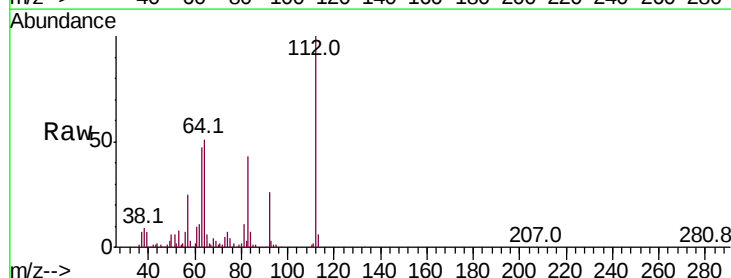
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 49.521 ng
RT: 5.55 min Scan# 385
Delta R.T. -0.00 min
Lab File: BM016590.D
Acq: 24 Aug 2018 16:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.4	38.6	57.8
63	47.2	19.3	28.9

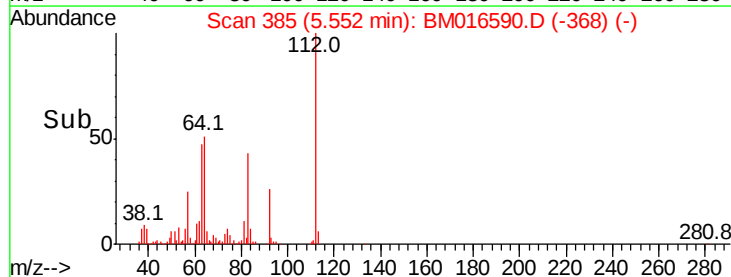
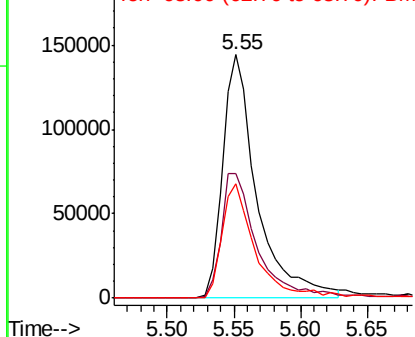


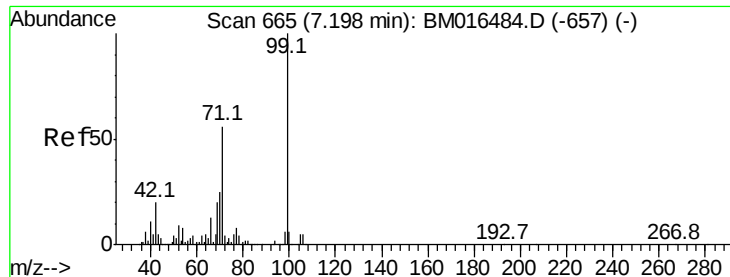
Abundance

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: 28.208 ng

RT: 7.19 min Scan# 663

Delta R.T. 0.01 min

Lab File: BM016590.D

Acq: 24 Aug 2018 16:15

Instrument :

BNA_M

ClientSampleId :

2749

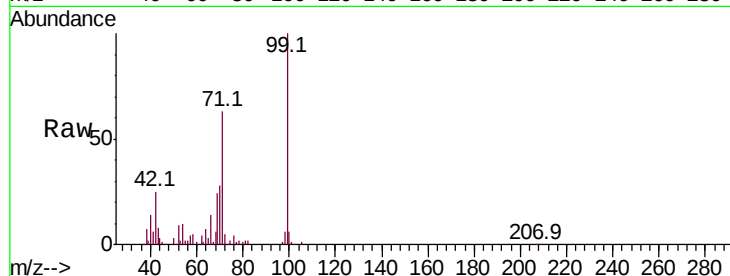
Tot Ion: 99 Resp: 195121

Ion Ratio Lower Upper

99 100

42 25.3 11.0 16.4#

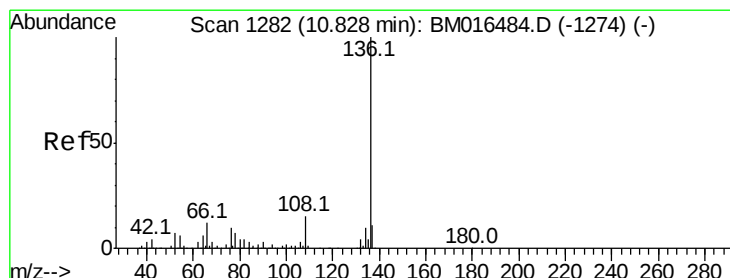
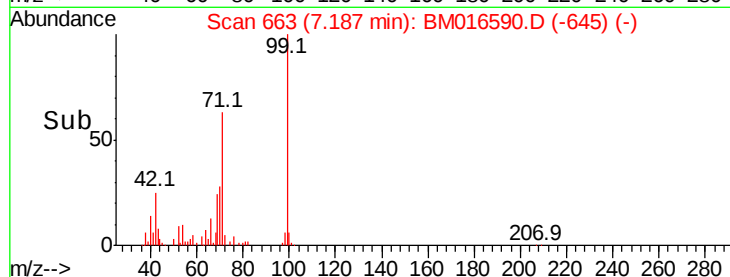
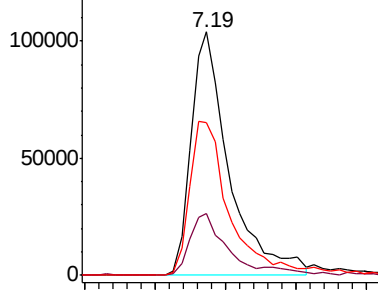
71 62.9 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016484.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BM016484.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BM016484.D (-657) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.81 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BM016590.D

Acq: 24 Aug 2018 16:15

Tgt Ion: 136 Resp: 375329

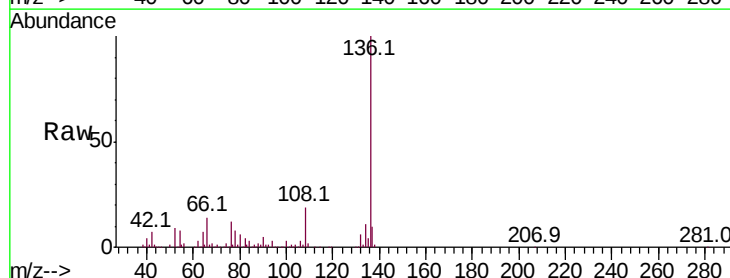
Ion Ratio Lower Upper

136 100

137 9.9 8.7 13.1

54 8.0 4.6 6.8#

68 2.4 3.7 5.5#

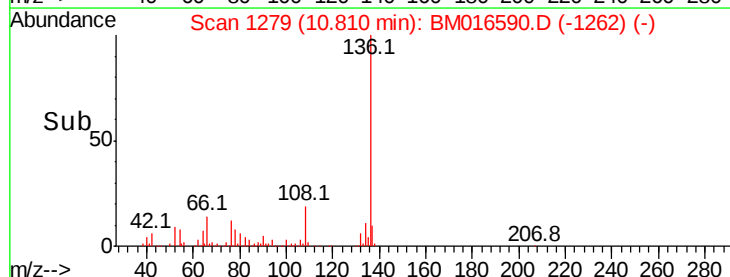
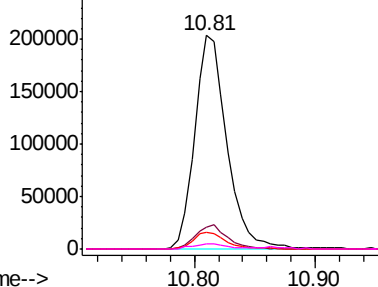


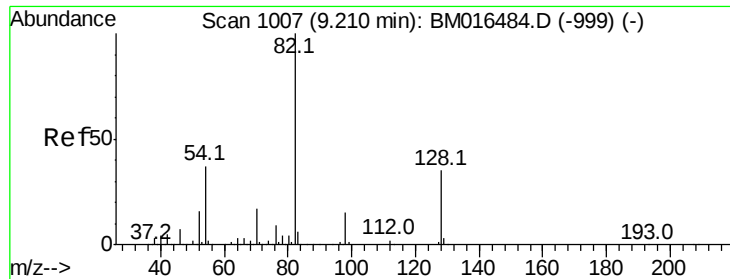
Abundance Ion 136.00 (135.70 to 136.70): BM016484.D (-1274) (-)

Ion 137.00 (136.70 to 137.70): BM016484.D (-1274) (-)

Ion 54.00 (53.70 to 54.70): BM016484.D (-1274) (-)

Ion 68.00 (67.70 to 68.70): BM016484.D (-1274) (-)

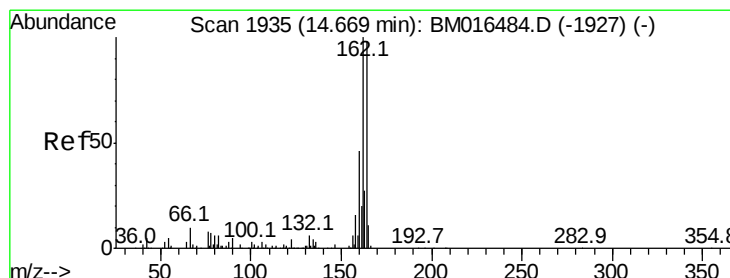
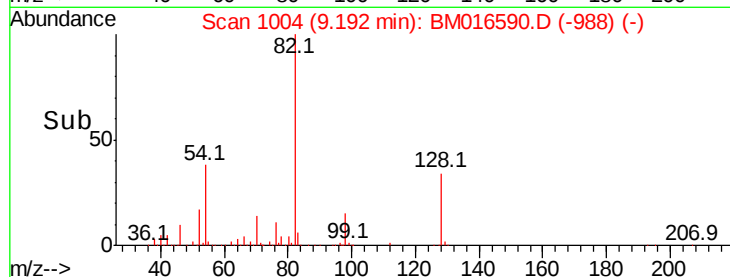
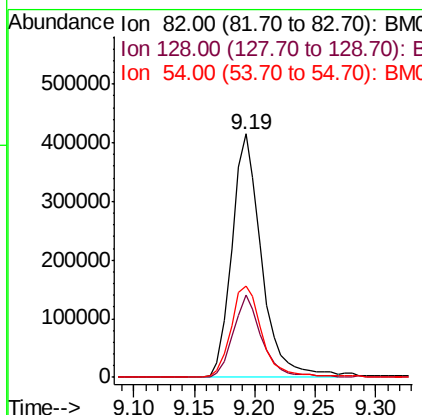
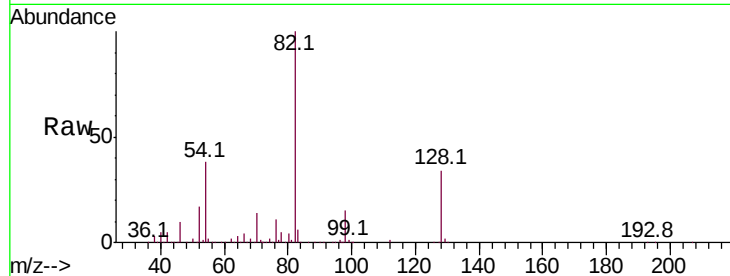




#23
 Nitrobenzene-d5
 Concen: 86.610 ng
 RT: 9.19 min Scan# 1004
 Delta R.T. -0.01 min
 Lab File: BM016590.D
 Acq: 24 Aug 2018 16:15

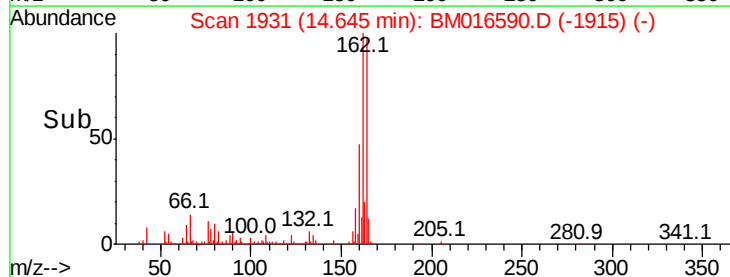
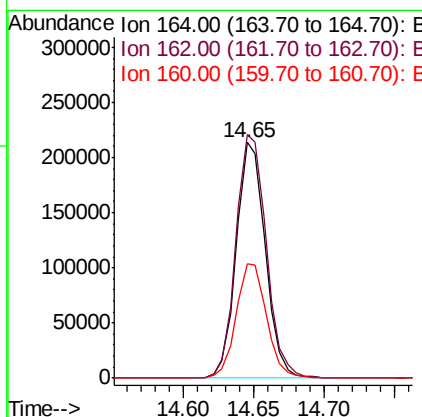
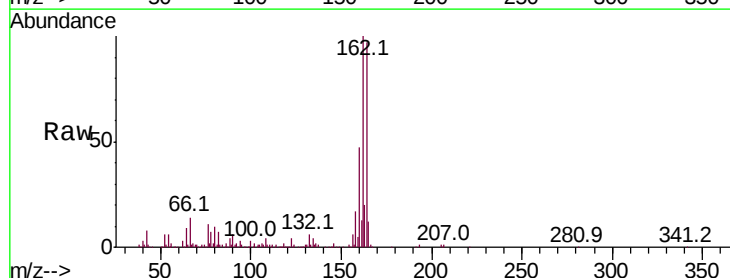
Instrument :
 BNA_M
 ClientSampled :
 2749

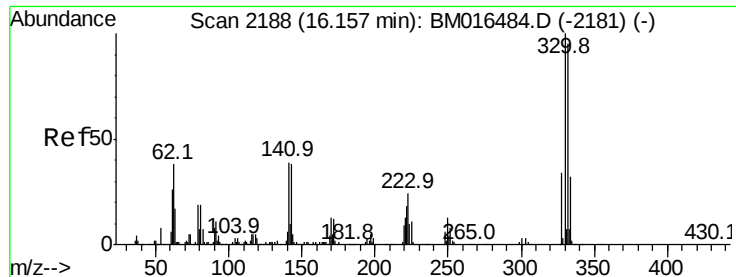
Tot Ion	Ratio	Lower	Upper
82	100		
128	33.7	32.8	49.2
54	37.5	40.6	60.8#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: BM016590.D
 Acq: 24 Aug 2018 16:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.4	123.6
160	48.7	35.8	53.6

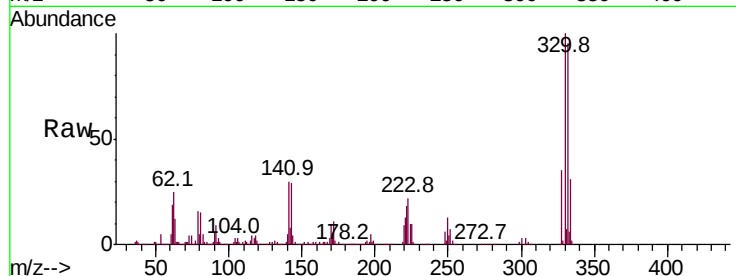




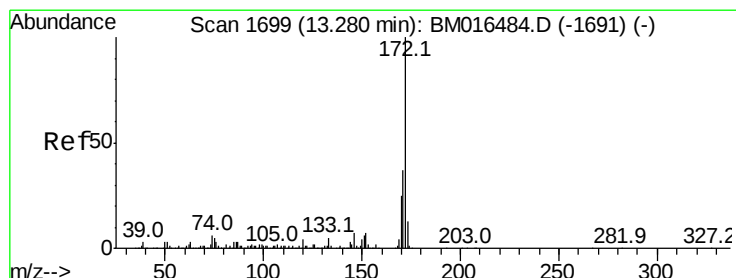
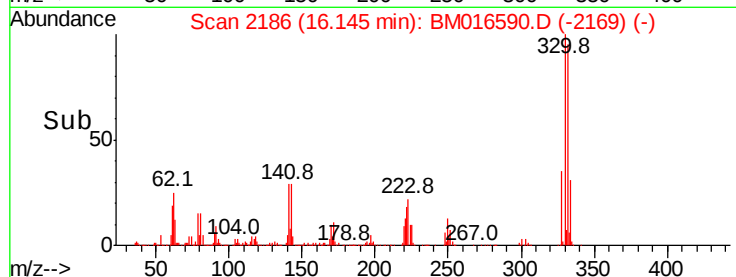
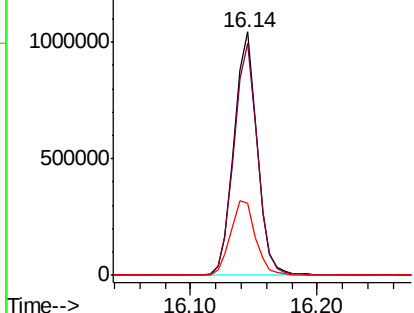
#41
 2,4,6-Tribromophenol
 Concen: 152.457 ng
 RT: 16.14 min Scan# 2186
 Delta R.T. -0.00 min
 Lab File: BM016590.D
 Acq: 24 Aug 2018 16:15

Instrument :
 BNA_M
 ClientSampleId :
 2749

Tot Ion:330 Resp: 1314997
 Ion Ratio Lower Upper
 330 100
 332 97.0 0.0 0.0#
 141 33.0 0.0 0.0#

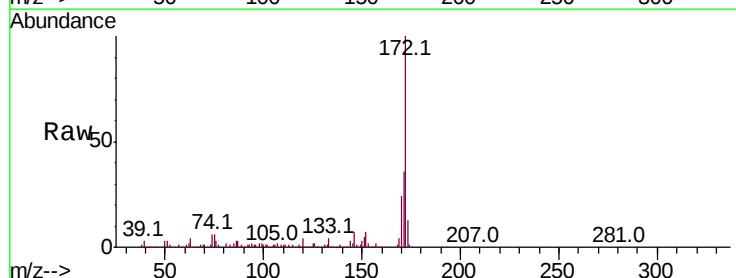


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

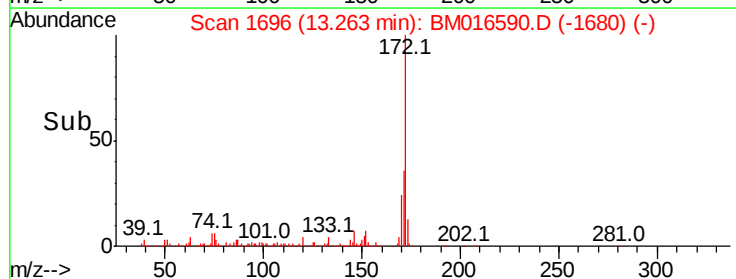
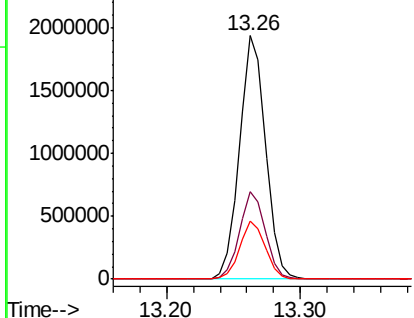


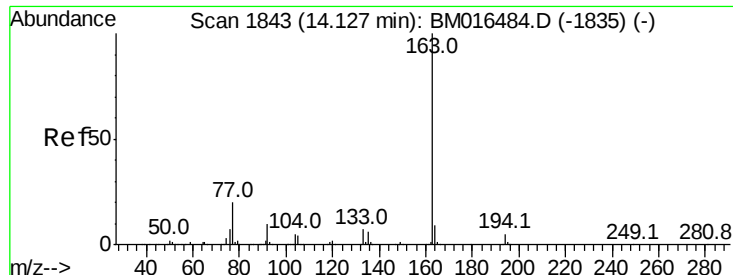
#44
 2-Fluorobiphenyl
 Concen: 81.336 ng
 RT: 13.26 min Scan# 1696
 Delta R.T. -0.01 min
 Lab File: BM016590.D
 Acq: 24 Aug 2018 16:15

Tgt Ion:172 Resp: 2610885
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.5 42.7
 170 23.6 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

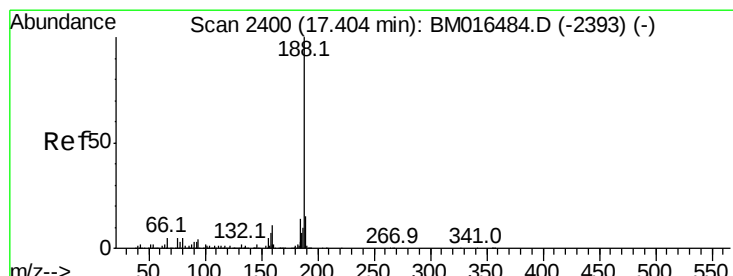
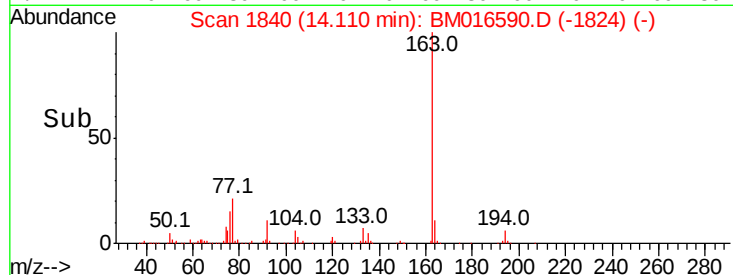
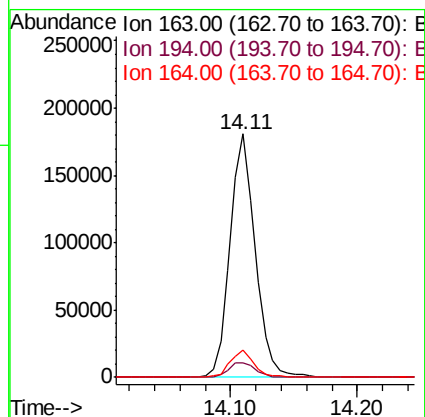
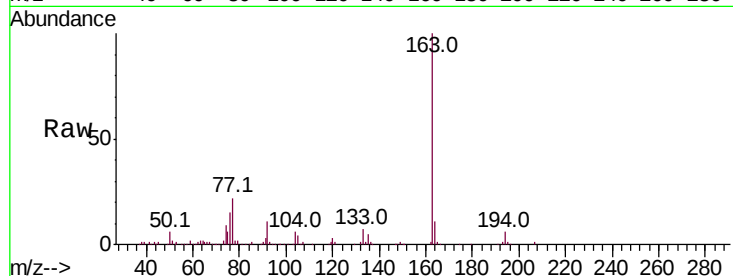




#49
Dimethylphthalate
Concen: 8.360 ng
RT: 14.11 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BM016590.D
Acq: 24 Aug 2018 16:15

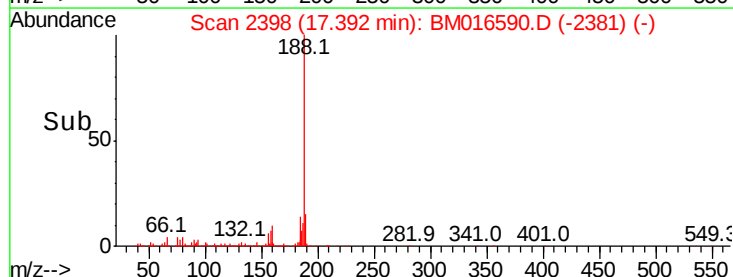
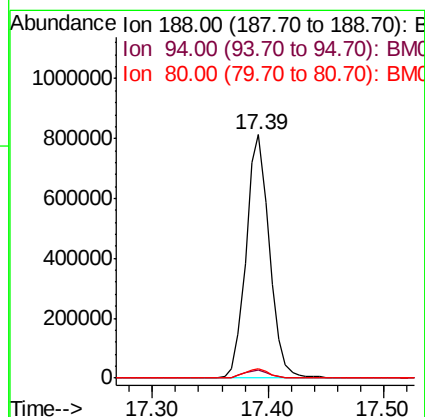
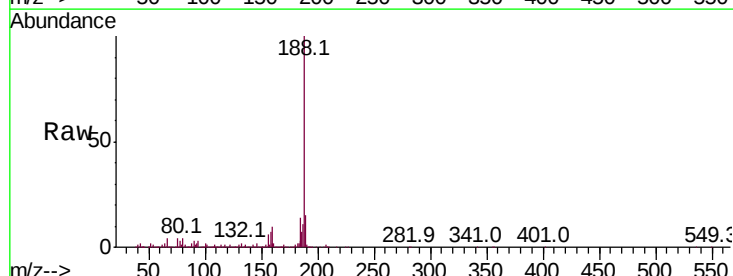
Instrument :
BNA_M
ClientSampleId :
2749

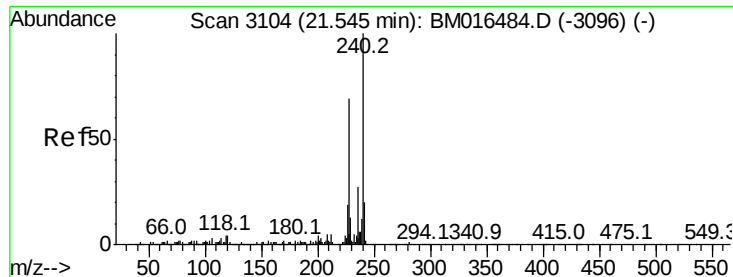
Tot Ion	Ratio	Lower	Upper
163	100		
194	6.2	2.7	4.1#
164	11.0	8.2	12.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2398
Delta R.T. -0.00 min
Lab File: BM016590.D
Acq: 24 Aug 2018 16:15

Tgt Ion	Ratio	Lower	Upper
188	100		
94	3.4	8.7	13.1#
80	3.6	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: BM016590.D

Acq: 24 Aug 2018 16:15

Instrument :

BNA_M

ClientSampleId :

2749

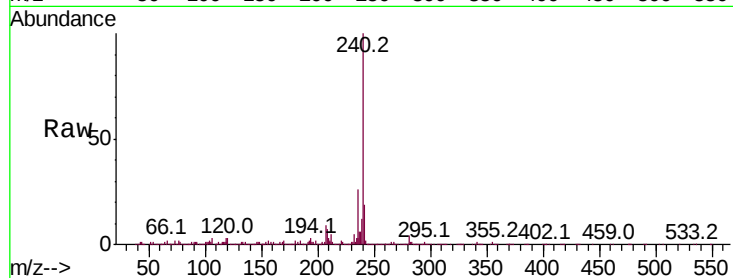
Tot Ion:240 Resp: 1562568

Ion Ratio Lower Upper

240 100

120 3.0 8.2 12.2#

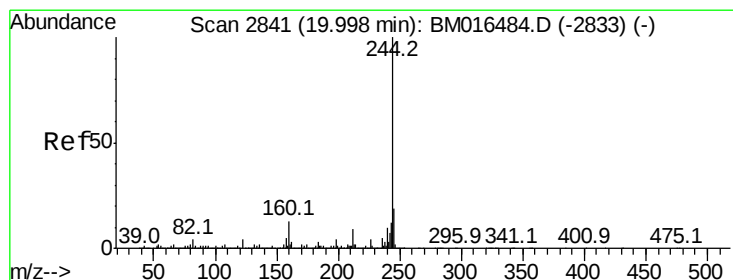
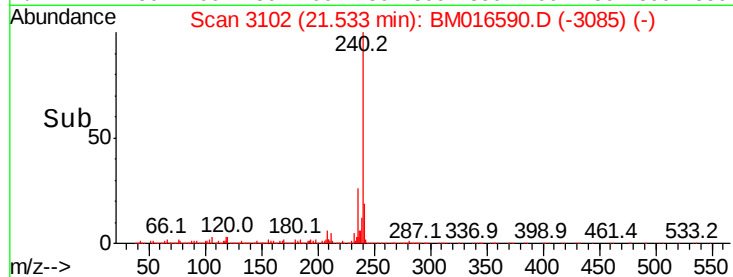
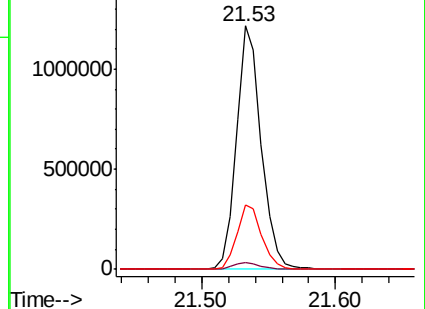
236 26.2 20.0 30.0



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: 104.946 ng

RT: 19.98 min Scan# 2838

Delta R.T. -0.00 min

Lab File: BM016590.D

Acq: 24 Aug 2018 16:15

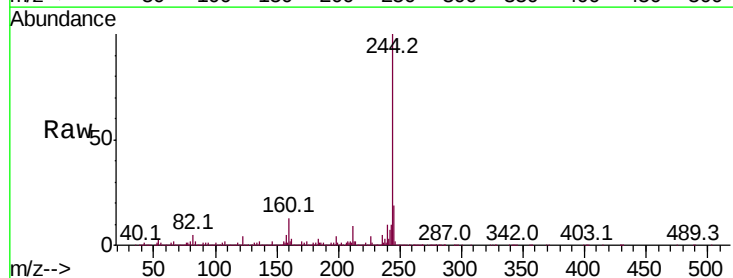
Tgt Ion:244 Resp: 7747666

Ion Ratio Lower Upper

244 100

212 9.1 4.9 7.3#

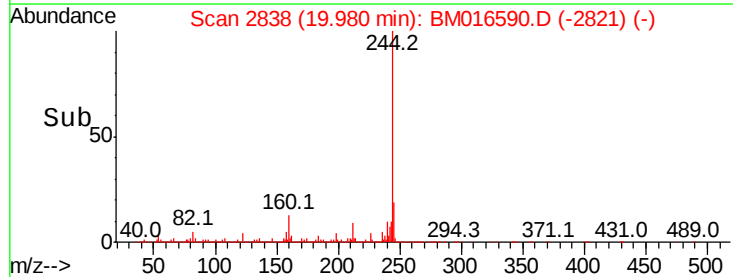
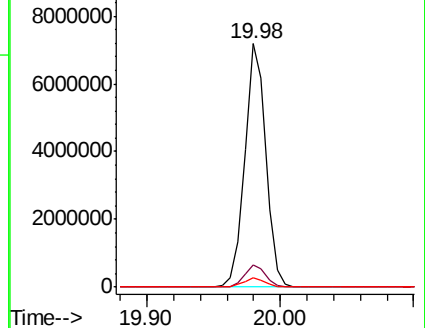
122 3.8 6.2 9.4#

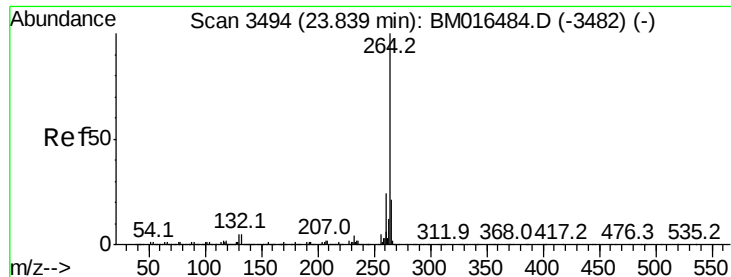


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.82 min Scan# 3490
Delta R.T. -0.00 min
Lab File: BM016590.D
Acq: 24 Aug 2018 16:15

Instrument :
BNA_M
ClientSampleId :
2749

Tot Ion:264 Resp: 1736263

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	27.8
265	21.5	17.3	25.9

