

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082418\
 Data File : BM016587.D
 Acq On : 24 Aug 2018 14:27
 Operator : SJ/JU
 Sample : J4522-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-7

Quant Time: Aug 24 22:35:10 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

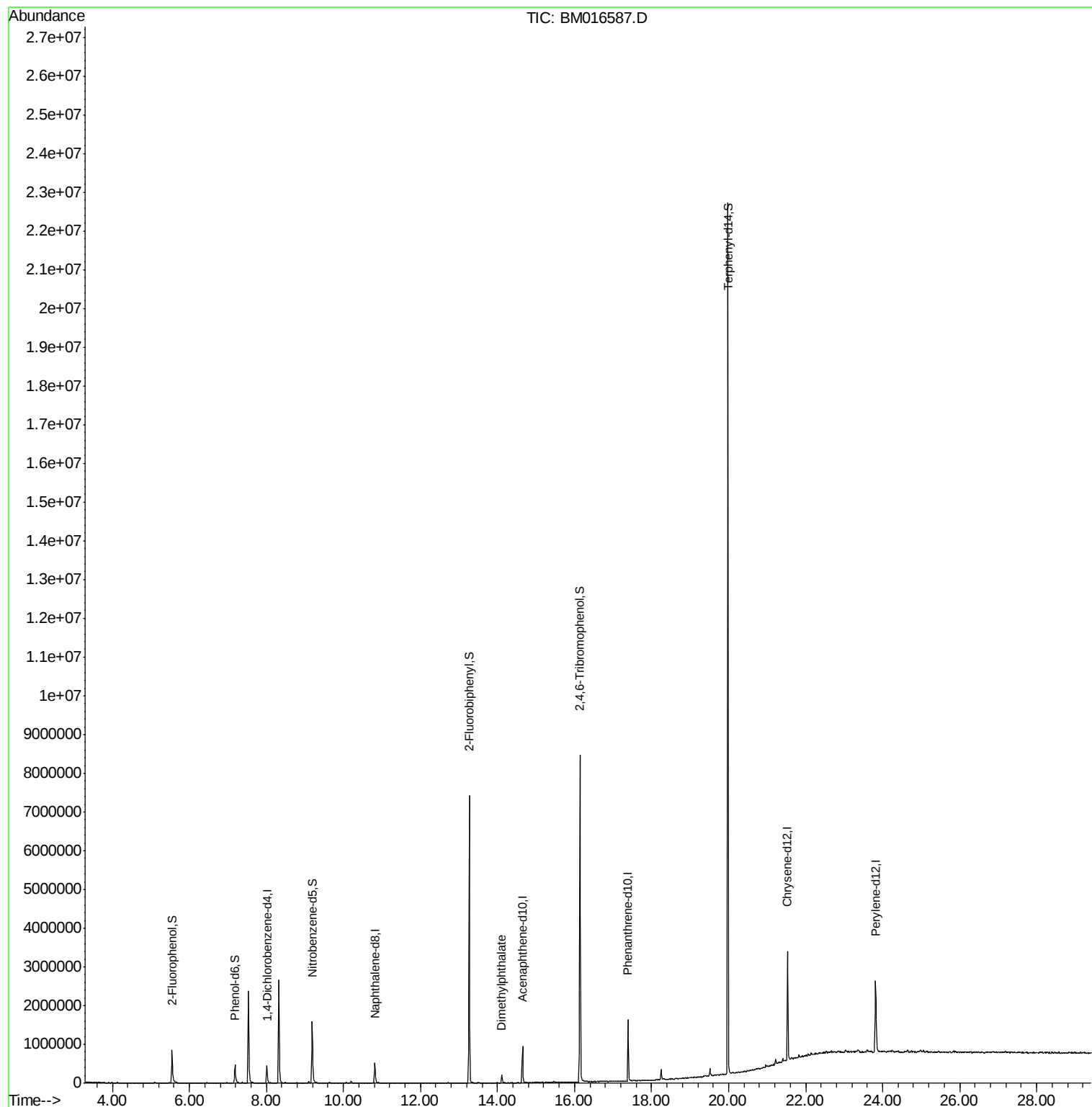
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	107714	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	352855	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	271685	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	932347	20.00	ng	0.00
75) Chrysene-d12	21.53	240	1276104	20.00	ng	0.00
86) Perylene-d12	23.82	264	1416759	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	325664	59.25	ng	0.00
7) Phenol-d6	7.19	99	229851	31.60	ng	0.00
23) Nitrobenzene-d5	9.19	82	913608	118.22	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	1452839	191.30	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	3215859	113.78	ng	0.00
78) Terphenyl-d14	19.98	244	8760661	145.31	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.12	163	123280	4.723	ng	Qvalue # 94

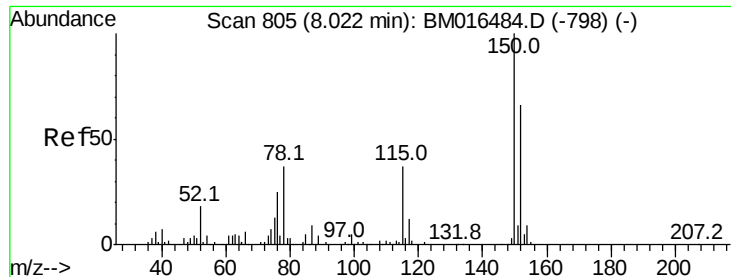
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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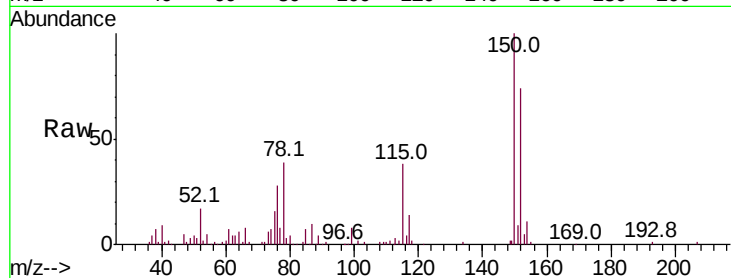


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 803
Delta R.T. 0.01 min
Lab File: BM016587.D
Acq: 24 Aug 2018 14:27

Instrument :
BNA_M
ClientSampled :
MW-7

Tot Ion	Ratio	Lower	Upper
152	100		
150	136.0	119.5	179.3
115	51.2	43.0	64.4

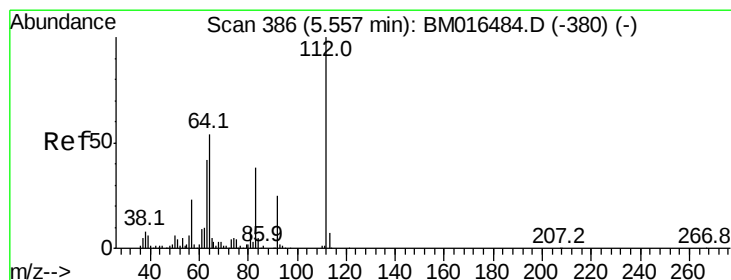
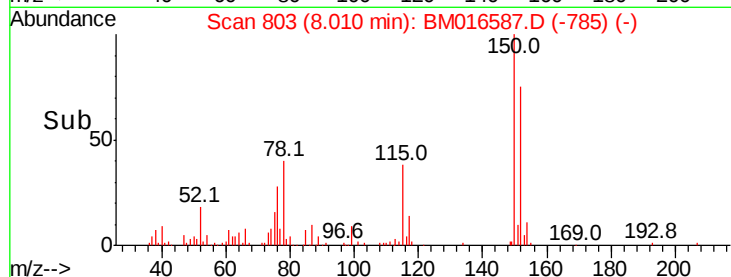
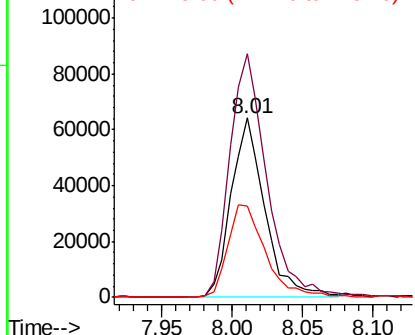


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

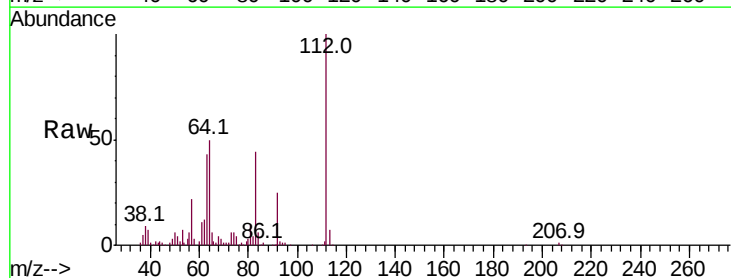
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 59.246 ng
RT: 5.55 min Scan# 385
Delta R.T. 0.00 min
Lab File: BM016587.D
Acq: 24 Aug 2018 14:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.4	38.6	57.8
63	42.7	19.3	28.9

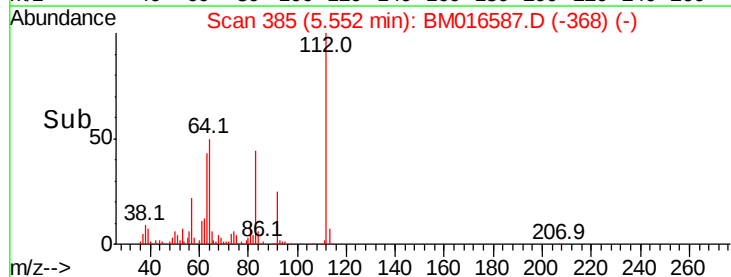
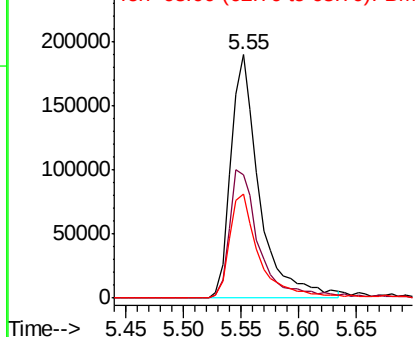


Abundance

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: 31.600 ng

RT: 7.19 min Scan# 663

Delta R.T. 0.01 min

Lab File: BM016587.D

Acq: 24 Aug 2018 14:27

Instrument :

BNA_M

ClientSampleId :

MW-7

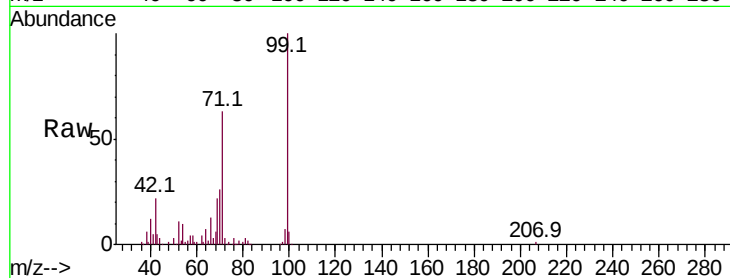
Tot Ion: 99 Resp: 229851

Ion Ratio Lower Upper

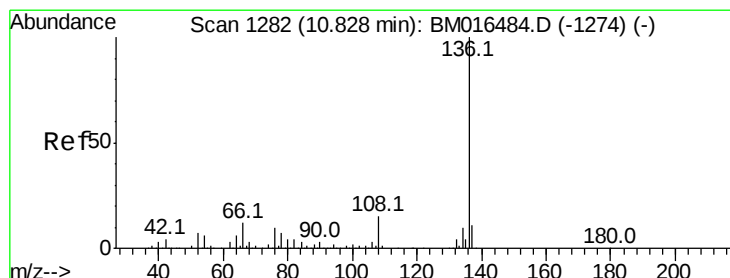
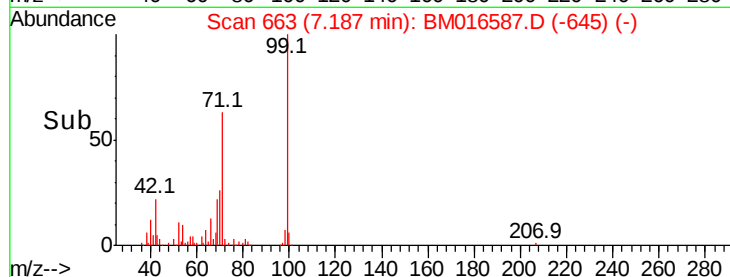
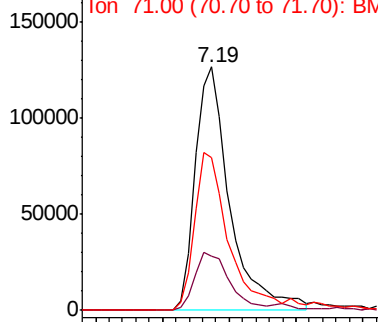
99 100

42 22.0 11.0 16.4#

71 62.9 23.4 35.2#



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1280

Delta R.T. 0.01 min

Lab File: BM016587.D

Acq: 24 Aug 2018 14:27

Tgt Ion: 136 Resp: 352855

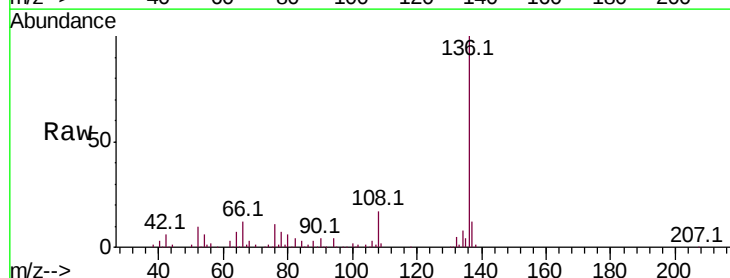
Ion Ratio Lower Upper

136 100

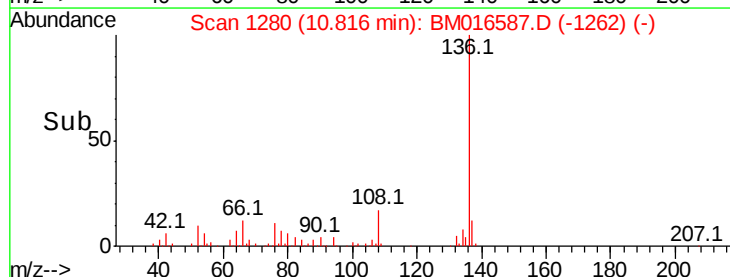
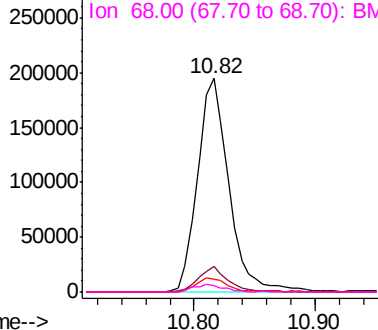
137 12.0 8.7 13.1

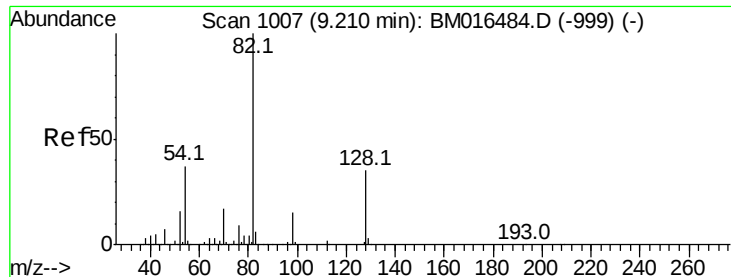
54 6.0 4.6 6.8

68 2.8 3.7 5.5#



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

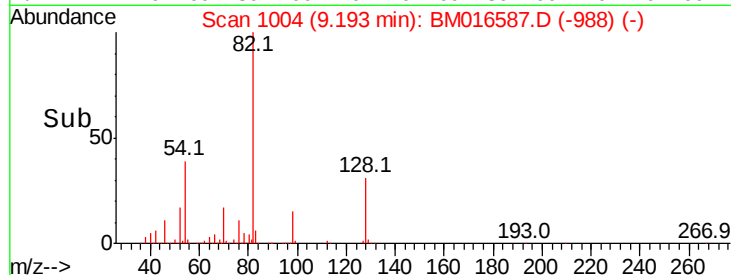
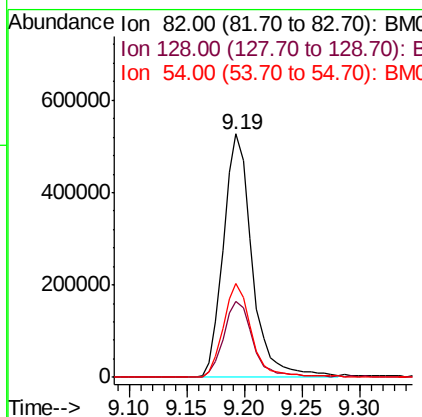
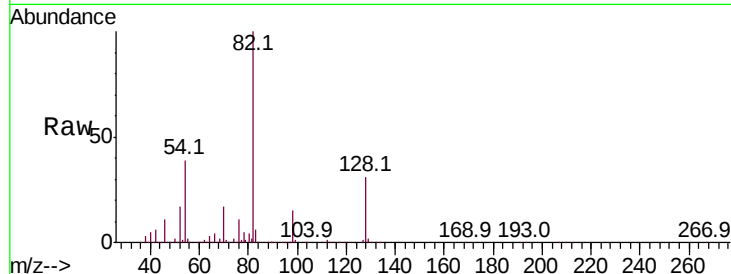




#23
 Nitrobenzene-d5
 Concen: 118.220 ng
 RT: 9.19 min Scan# 1004
 Delta R.T. -0.01 min
 Lab File: BM016587.D
 Acq: 24 Aug 2018 14:27

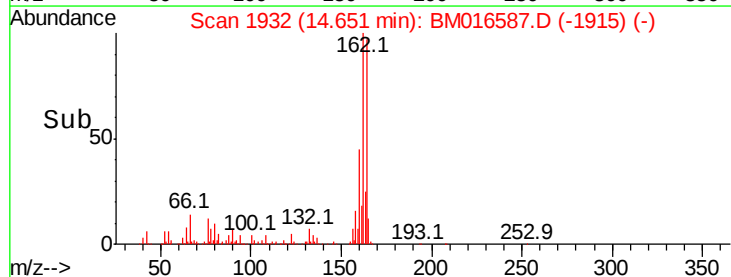
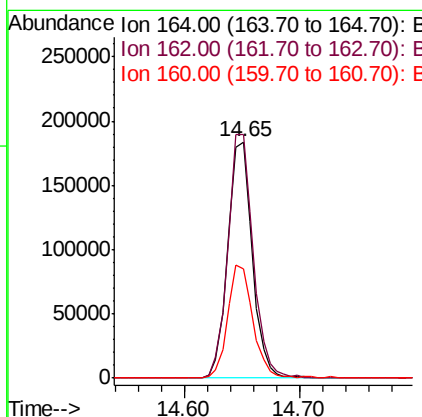
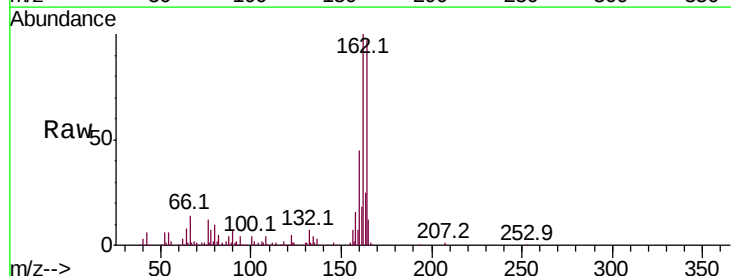
Instrument :
 BNA_M
 ClientSampleId :
 MW-7

Tot Ion	82	Resp	913608
Ion Ratio	Lower	Upper	
82	100		
128	31.2	32.8	49.2#
54	38.6	40.6	60.8#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1932
 Delta R.T. 0.00 min
 Lab File: BM016587.D
 Acq: 24 Aug 2018 14:27

Tgt Ion	164	Resp	271685
Ion Ratio	Lower	Upper	
164	100		
162	103.2	82.4	123.6
160	46.1	35.8	53.6

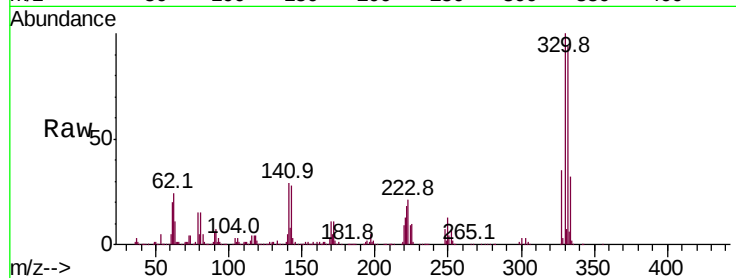




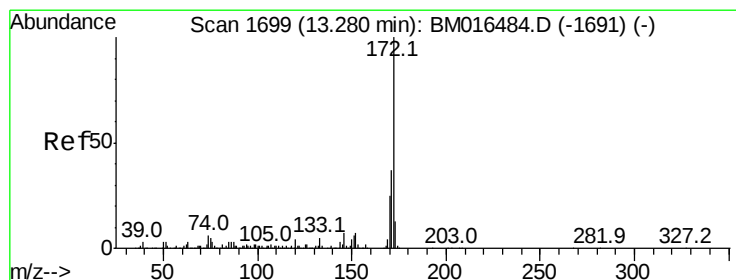
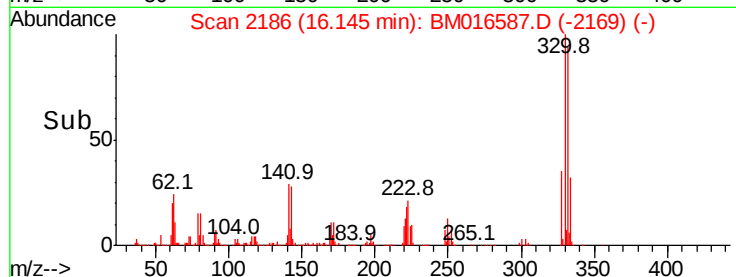
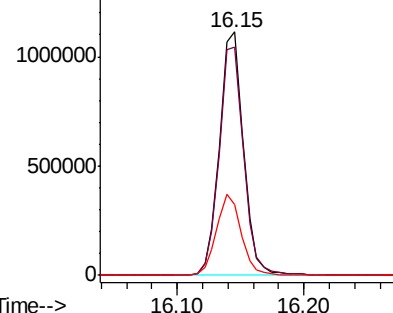
#41
2,4,6-Tribromophenol
Concen: 191.295 ng
RT: 16.15 min Scan# 2186
Delta R.T. 0.00 min
Lab File: BM016587.D
Acq: 24 Aug 2018 14:27

Instrument :
BNA_M
ClientSampled :
MW-7

Tot Ion:330 Resp: 1452839
Ion Ratio Lower Upper
330 100
332 95.5 0.0 0.0#
141 34.4 0.0 0.0#

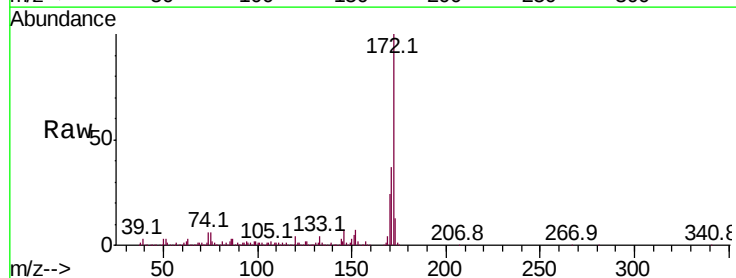


Abundance Ion 329.80 (329.50 to 330.50): E
1500000 Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

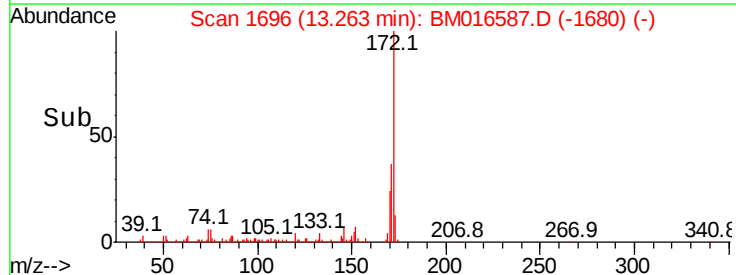
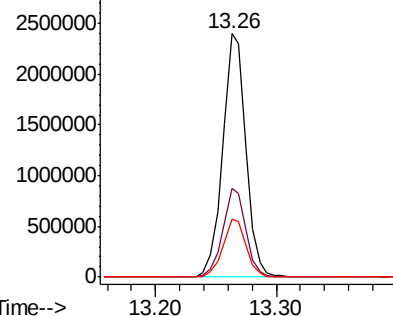


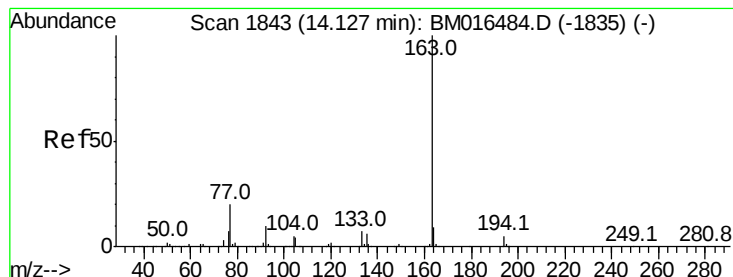
#44
2-Fluorobiphenyl
Concen: 113.777 ng
RT: 13.26 min Scan# 1696
Delta R.T. -0.01 min
Lab File: BM016587.D
Acq: 24 Aug 2018 14:27

Tgt Ion:172 Resp: 3215859
Ion Ratio Lower Upper
172 100
171 36.6 28.5 42.7
170 23.6 18.8 28.2



Abundance Ion 172.00 (171.70 to 172.70): E
3000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 4.723 ng

RT: 14.12 min Scan# 1841

Delta R.T. 0.00 min

Lab File: BM016587.D

Acq: 24 Aug 2018 14:27

Instrument :

BNA_M

ClientSampled :

MW-7

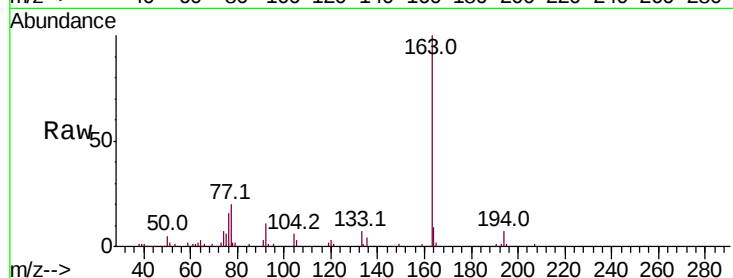
Tot Ion:163 Resp: 123280

Ion Ratio Lower Upper

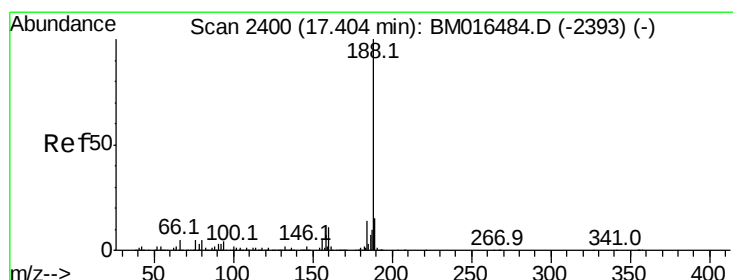
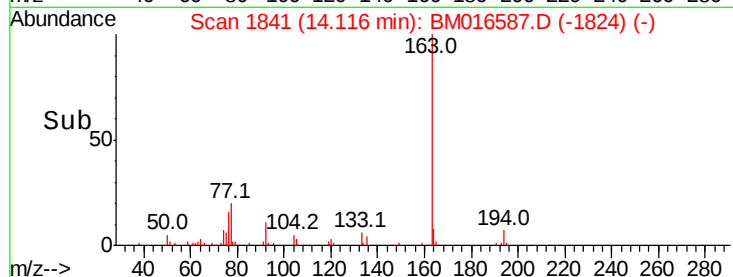
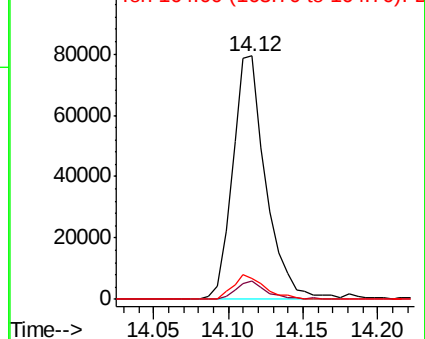
163 100

194 7.3 2.7 4.1#

164 8.6 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2398

Delta R.T. 0.00 min

Lab File: BM016587.D

Acq: 24 Aug 2018 14:27

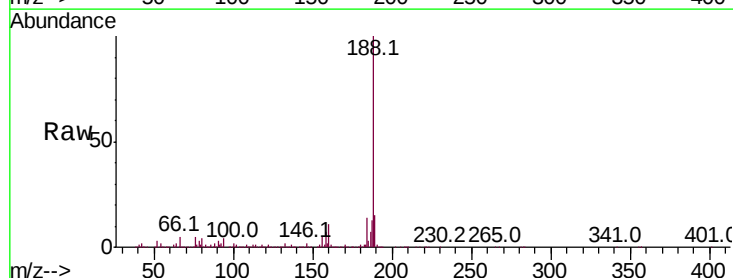
Tgt Ion:188 Resp: 932347

Ion Ratio Lower Upper

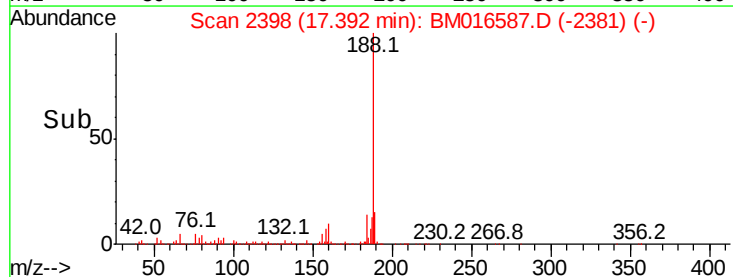
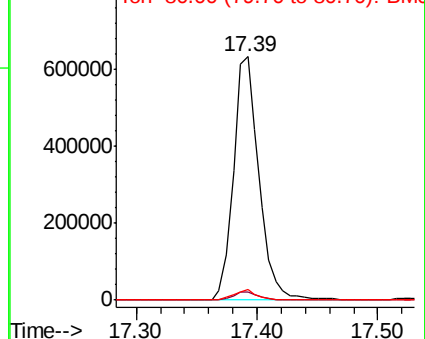
188 100

94 3.5 8.7 13.1#

80 4.2 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: 20.000 ng

RT: 21.53 min Scan# 3102

Delta R.T. 0.00 min

Lab File: BM016587.D

Acq: 24 Aug 2018 14:27

Instrument :

BNA_M

ClientSampleId :

MW-7

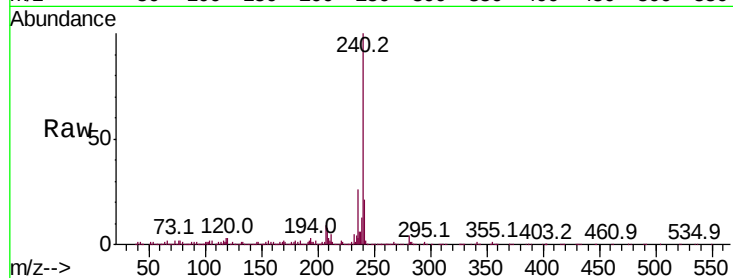
Tot Ion:240 Resp: 1276104

Ion Ratio Lower Upper

240 100

120 2.9 8.2 12.2#

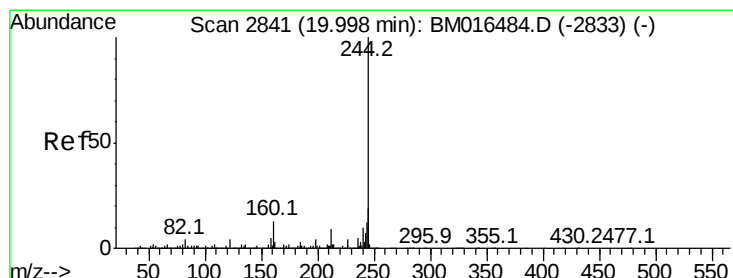
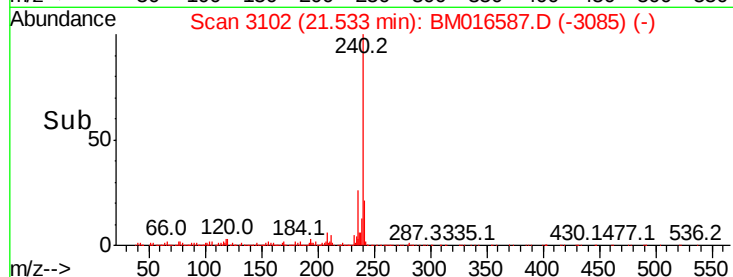
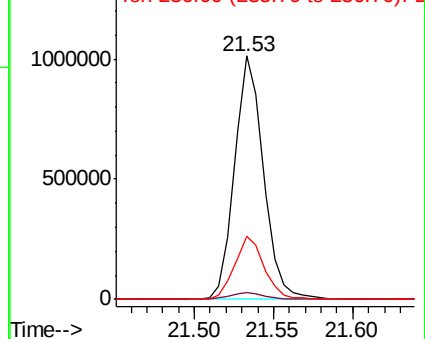
236 25.8 20.0 30.0



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: 145.306 ng

RT: 19.98 min Scan# 2838

Delta R.T. 0.00 min

Lab File: BM016587.D

Acq: 24 Aug 2018 14:27

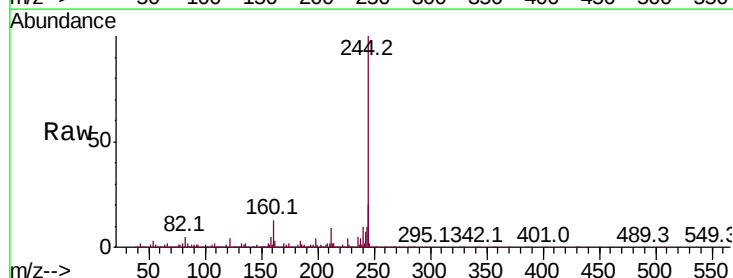
Tgt Ion:244 Resp: 8760661

Ion Ratio Lower Upper

244 100

212 9.4 4.9 7.3#

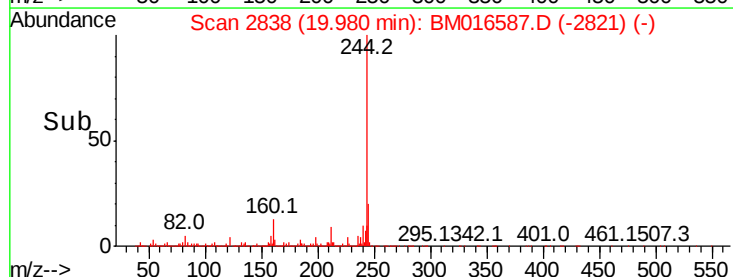
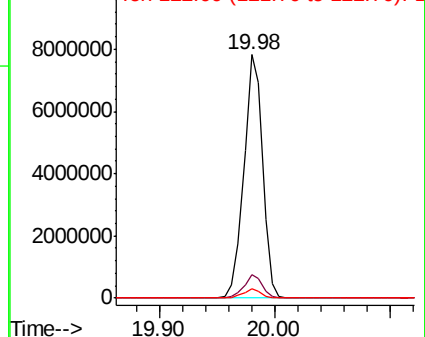
122 3.6 6.2 9.4#

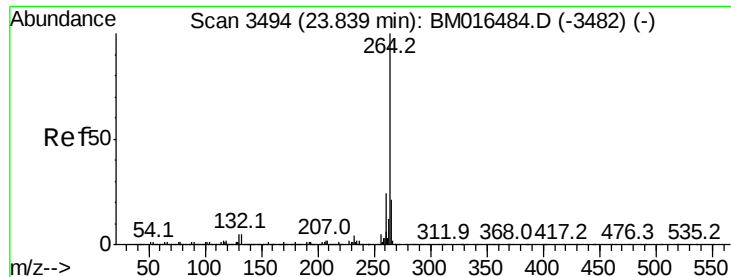


Abundance Ion 244.00 (243.70 to 244.70): E

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: BM016587.D
Acq: 24 Aug 2018 14:27

Instrument :
BNA_M
ClientSampleId :
MW-7

Tot Ion: 264 Resp: 1416759

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	27.8
265	22.9	17.3	25.9

