

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082418\
 Data File : BM016585.D
 Acq On : 24 Aug 2018 13:15
 Operator : SJ/JU
 Sample : J4556-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 20180535-AMENDED-COMPOSITE-(

Quant Time: Aug 24 23:07:16 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

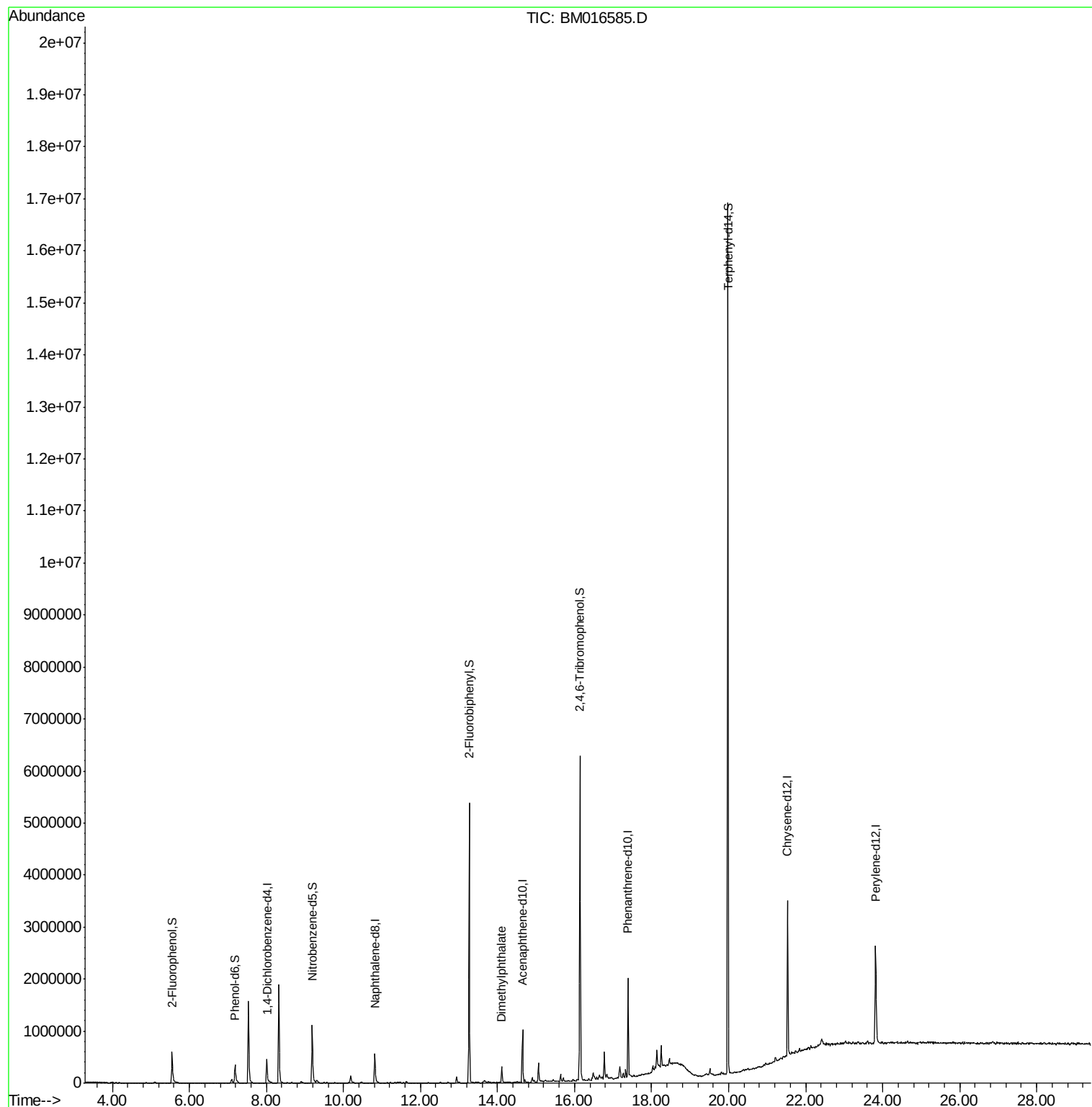
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	105352	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	376973	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	298582	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	1060050	20.00	ng	0.00
75) Chrysene-d12	21.53	240	1333766	20.00	ng	0.00
86) Perylene-d12	23.81	264	1488538	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	231122	42.99	ng	0.00
7) Phenol-d6	7.19	99	172372	24.23	ng	0.00
23) Nitrobenzene-d5	9.19	82	659426	79.87	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	1085049	130.00	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	2344585	75.48	ng	0.00
78) Terphenyl-d14	19.98	244	6155893	97.69	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.11	163	188224	6.562	ng	Qvalue # 97

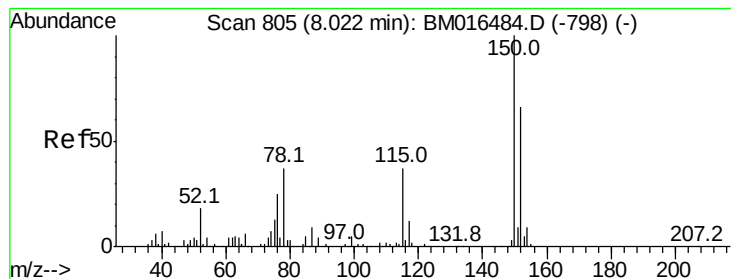
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



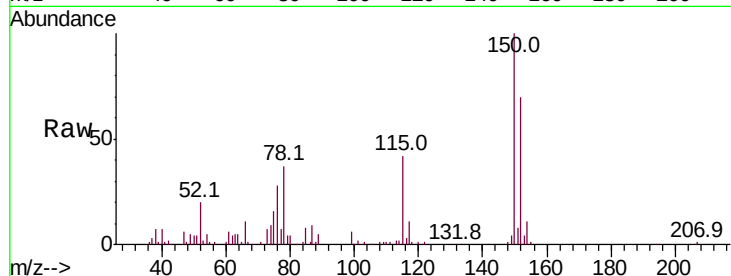


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 803
Delta R.T. 0.01 min
Lab File: BM016585.D
Acq: 24 Aug 2018 13:15

Instrument :
BNA_M
ClientSampleId :
20180535-AMENDED-COMPOSITE-(

Tot Ion	Ratio	Lower	Upper
152	100		
150	142.5	119.5	179.3
115	60.1	43.0	64.4

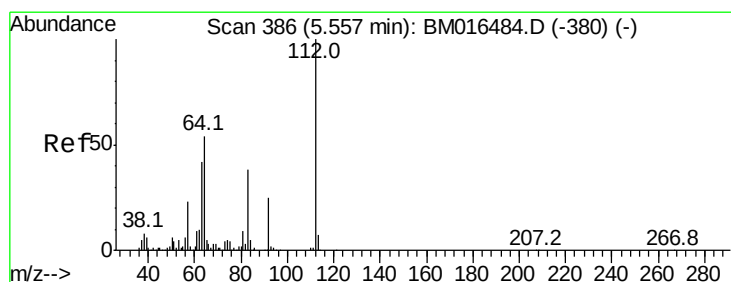
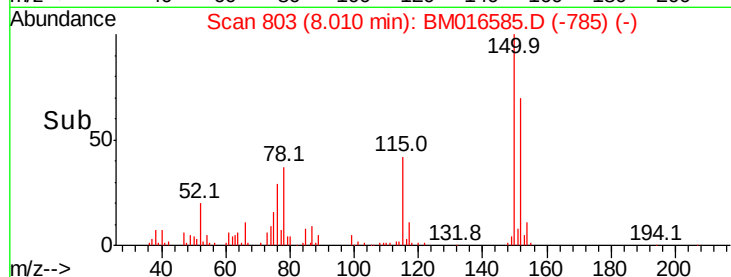
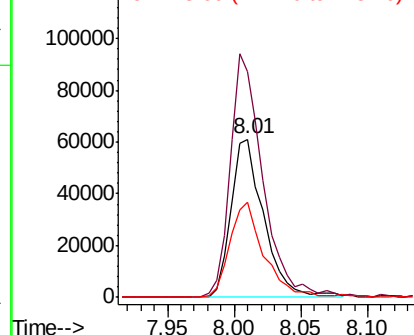


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

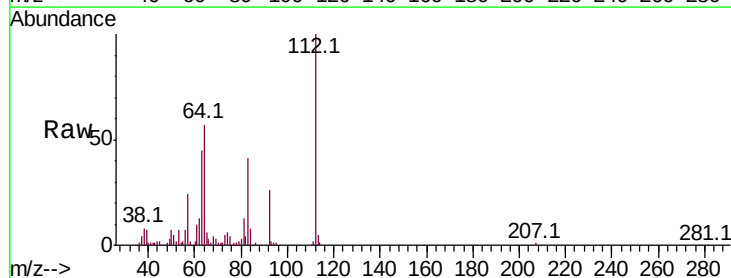
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 42.990 ng
RT: 5.55 min Scan# 385
Delta R.T. -0.00 min
Lab File: BM016585.D
Acq: 24 Aug 2018 13:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.2	38.6	57.8
63	44.9	19.3	28.9

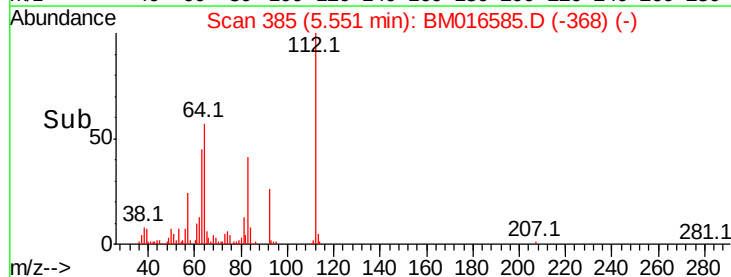
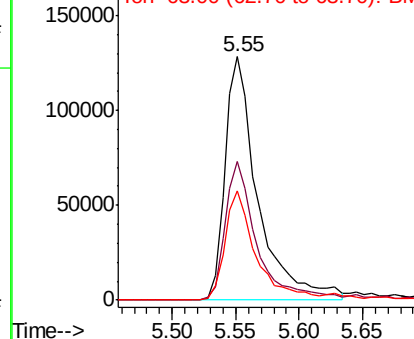


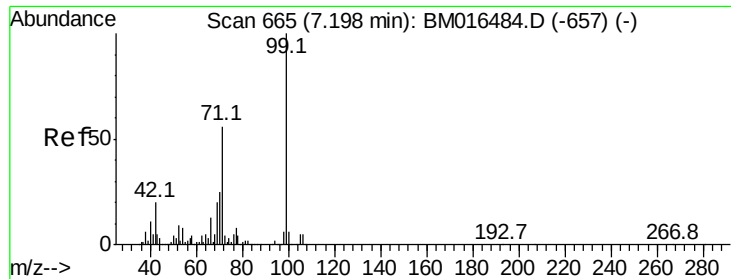
Abundance

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: 24.229 ng

RT: 7.19 min Scan# 663

Delta R.T. 0.01 min

Lab File: BM016585.D

Acq: 24 Aug 2018 13:15

Instrument :

BNA_M

ClientSampleId :

20180535-AMENDED-COMPOSITE-(-

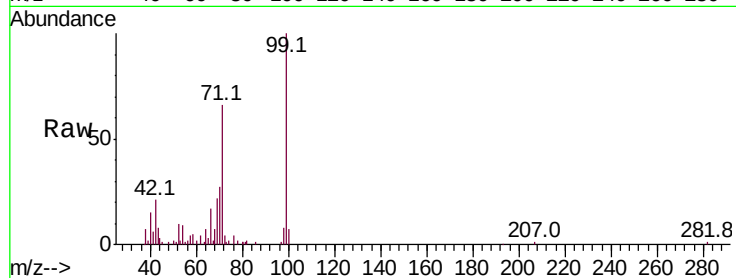
Tot Ion: 99 Resp: 172372

Ion Ratio Lower Upper

99 100

42 21.3 11.0 16.4#

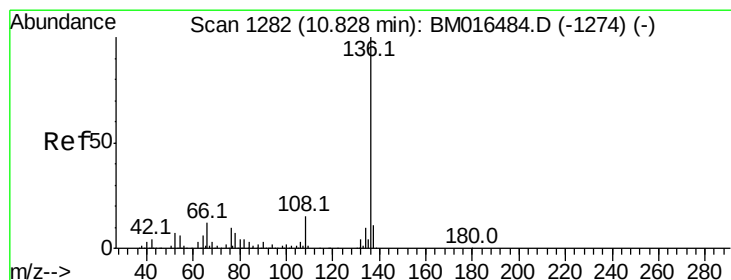
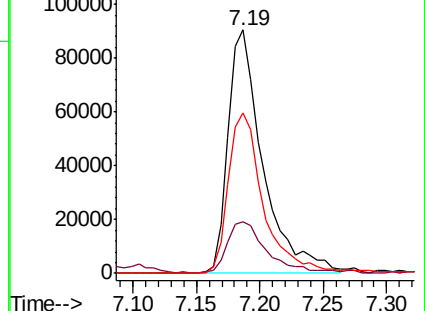
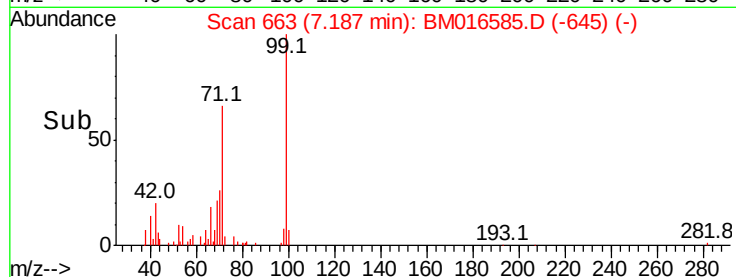
71 65.8 23.4 35.2#



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: 10.82 min Scan# 1280

Delta R.T. 0.01 min

Lab File: BM016585.D

Acq: 24 Aug 2018 13:15

Tgt Ion: 136 Resp: 376973

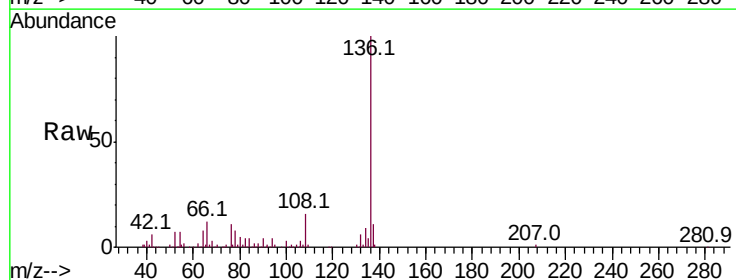
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 6.5 4.6 6.8

68 2.8 3.7 5.5#

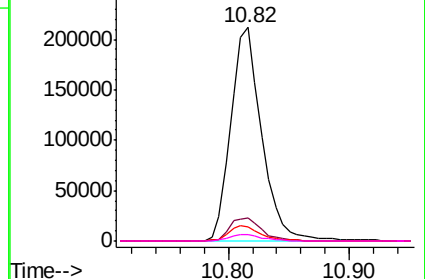
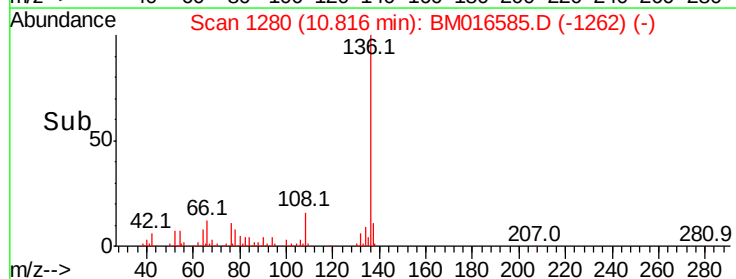


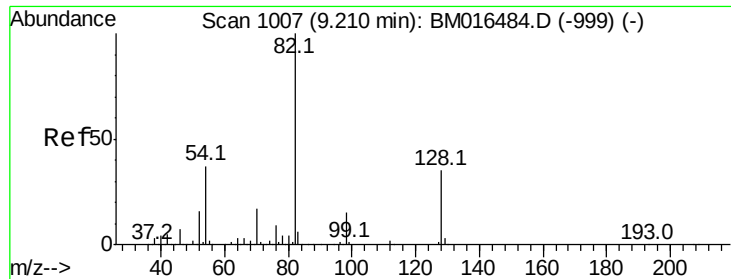
Abundance Ion 136.00 (135.70 to 136.70): BM016484.D (-1274) (-)

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) (-)

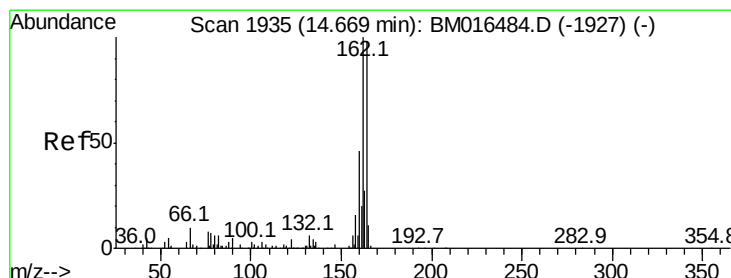
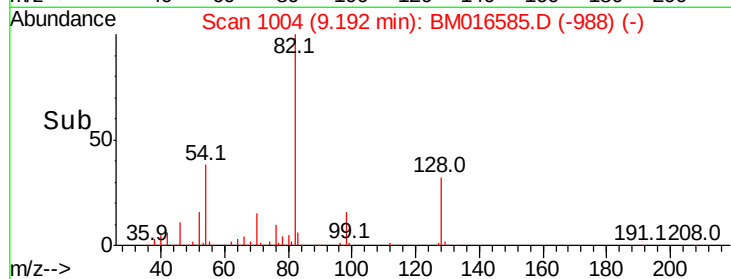
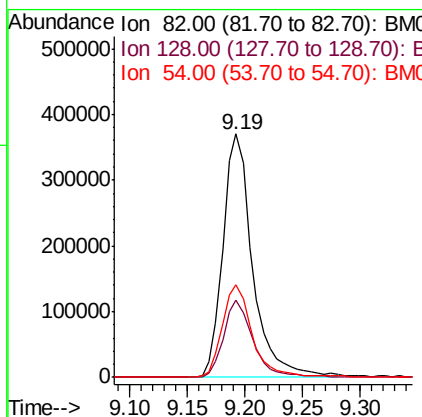
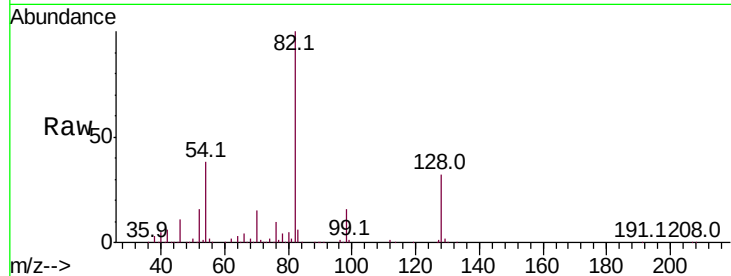




#23
Nitrobenzene-d5
Concen: 79.870 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BM016585.D
Acq: 24 Aug 2018 13:15

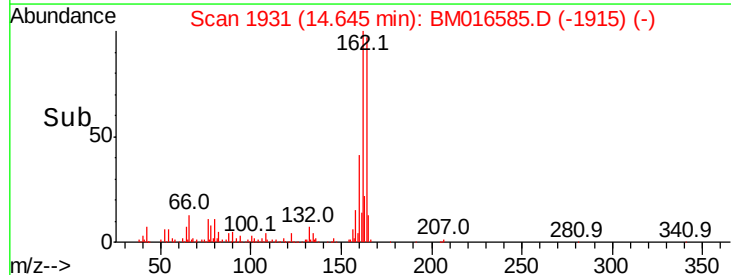
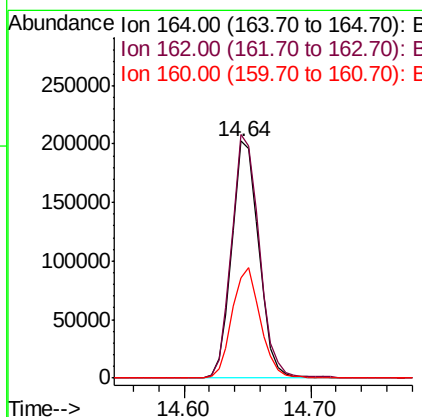
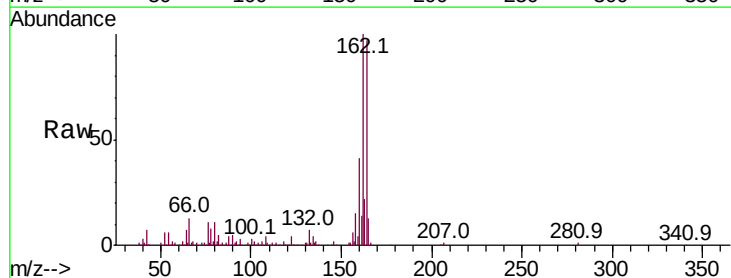
Instrument :
BNA_M
ClientSampleId :
20180535-AMENDED-COMPOSITE-(

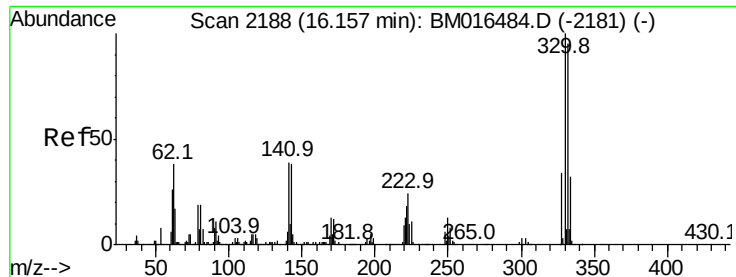
Tot Ion	Ratio	Lower	Upper
82	100		
128	31.9	32.8	49.2#
54	38.3	40.6	60.8#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BM016585.D
Acq: 24 Aug 2018 13:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.4	123.6
160	42.3	35.8	53.6

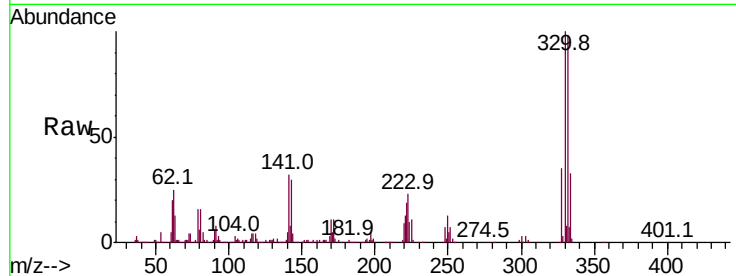




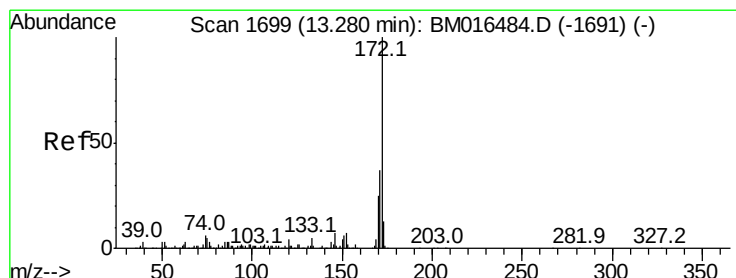
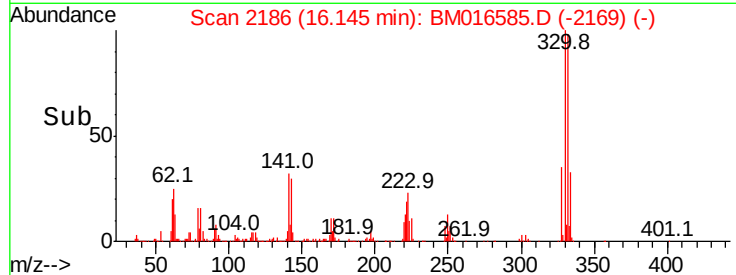
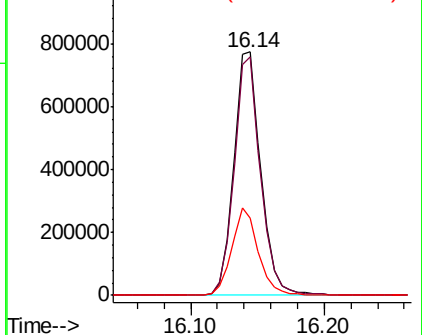
#41
 2,4,6-Tribromophenol
 Concen: 129.998 ng
 RT: 16.14 min Scan# 2186
 Delta R.T. -0.00 min
 Lab File: BM016585.D
 Acq: 24 Aug 2018 13:15

Instrument :
 BNA_M
 ClientSampleId :
 20180535-AMENDED-COMPOSITE-(-)

Tot Ion:330 Resp: 1085049
 Ion Ratio Lower Upper
 330 100
 332 95.9 0.0 0.0#
 141 35.4 0.0 0.0#

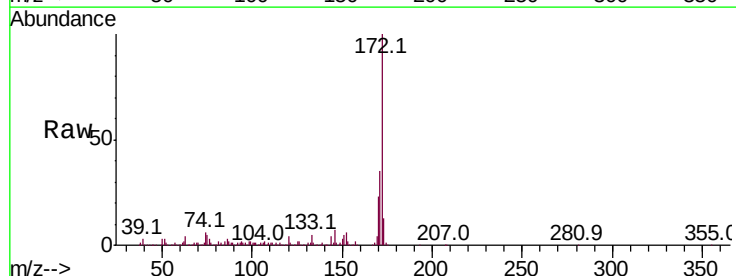


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

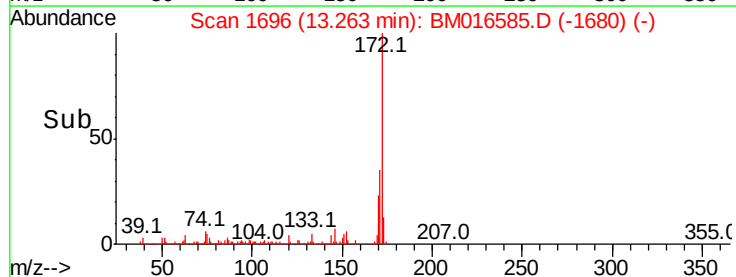
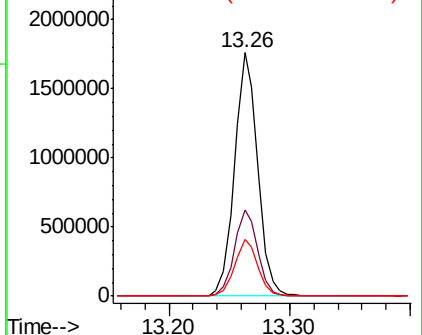


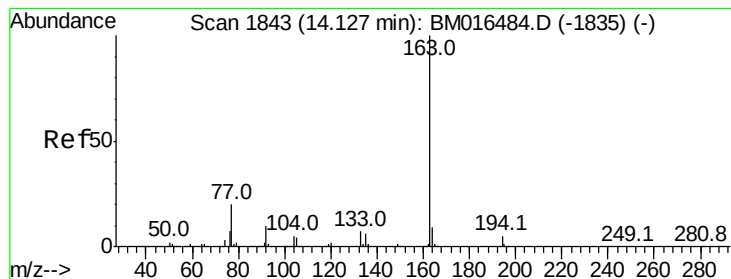
#44
 2-Fluorobiphenyl
 Concen: 75.479 ng
 RT: 13.26 min Scan# 1696
 Delta R.T. -0.01 min
 Lab File: BM016585.D
 Acq: 24 Aug 2018 13:15

Tgt Ion:172 Resp: 2344585
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.5 42.7
 170 23.2 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: 6.562 ng

RT: 14.11 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BM016585.D

Acq: 24 Aug 2018 13:15

Instrument :

BNA_M

ClientSampleId :

20180535-AMENDED-COMPOSITE-(

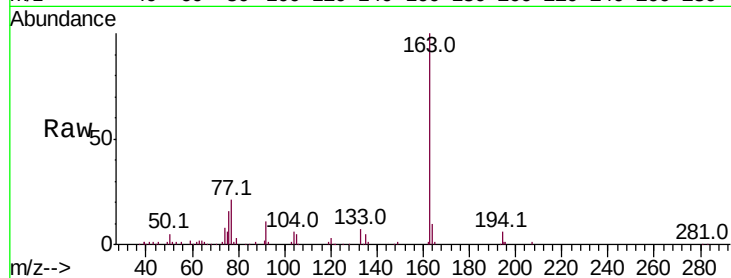
Tot Ion:163 Resp: 188224

Ion Ratio Lower Upper

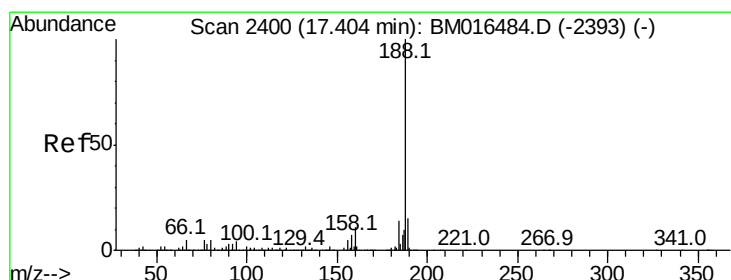
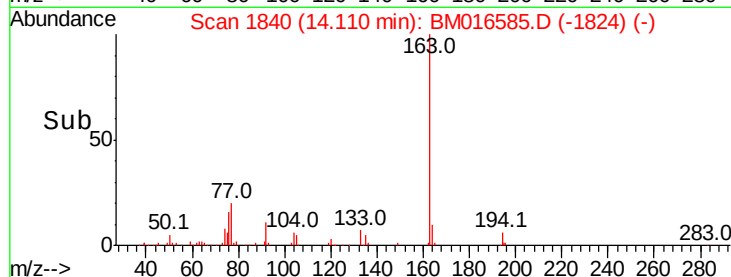
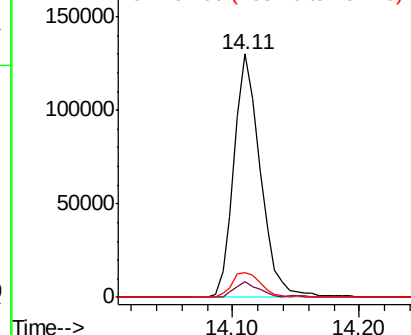
163 100

194 6.4 2.7 4.1#

164 10.4 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: BM016585.D

Acq: 24 Aug 2018 13:15

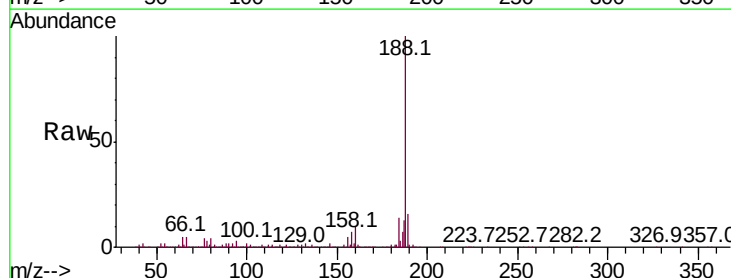
Tgt Ion:188 Resp: 1060050

Ion Ratio Lower Upper

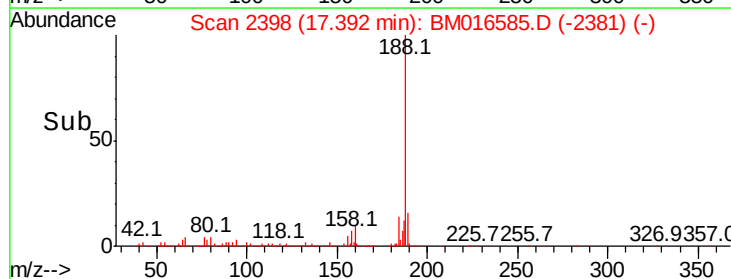
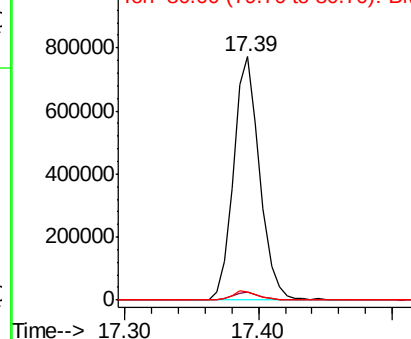
188 100

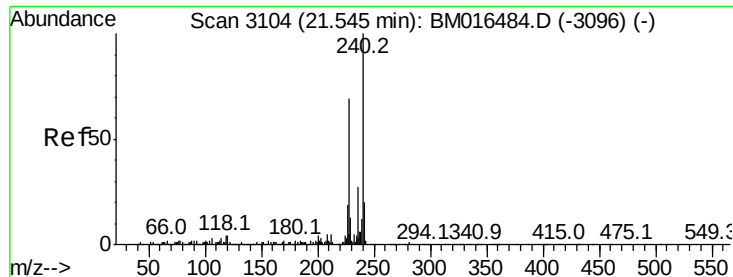
94 3.3 8.7 13.1#

80 3.5 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.53 min Scan# 3102

Delta R.T. -0.00 min

Lab File: BM016585.D

Acq: 24 Aug 2018 13:15

Instrument :

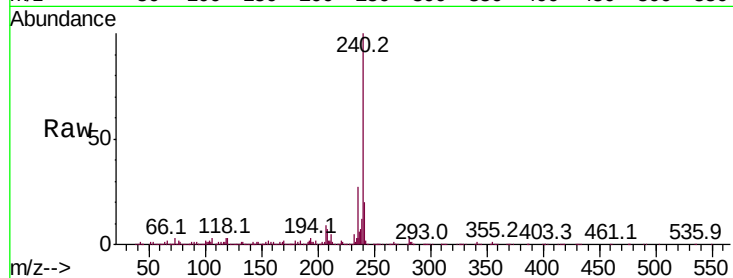
BNA_M

ClientSampleId :

20180535-AMENDED-COMPOSITE-(-)

Tot Ion:240 Resp: 1333766

Ion	Ratio	Lower	Upper
240	100		
120	3.3	8.2	12.2#
236	26.6	20.0	30.0

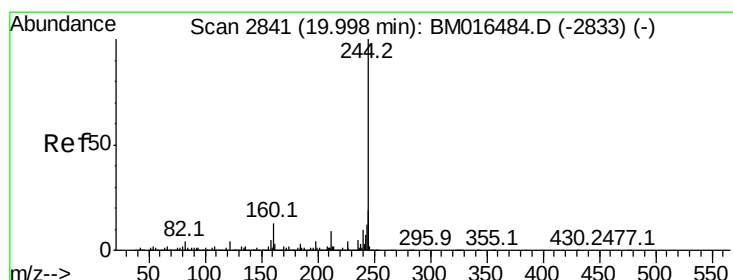
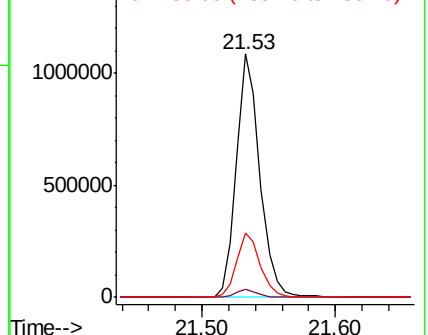
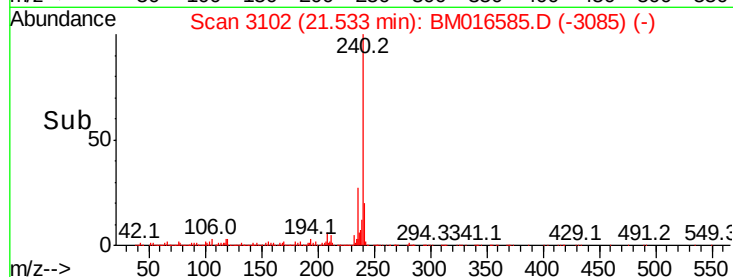


Abundance

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: 97.689 ng

RT: 19.98 min Scan# 2838

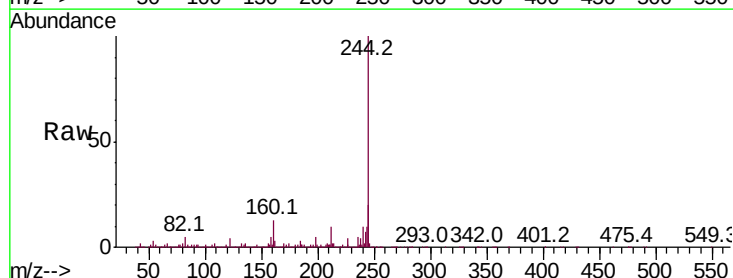
Delta R.T. -0.00 min

Lab File: BM016585.D

Acq: 24 Aug 2018 13:15

Tgt Ion:244 Resp: 6155893

Ion	Ratio	Lower	Upper
244	100		
212	9.5	4.9	7.3#
122	3.8	6.2	9.4#

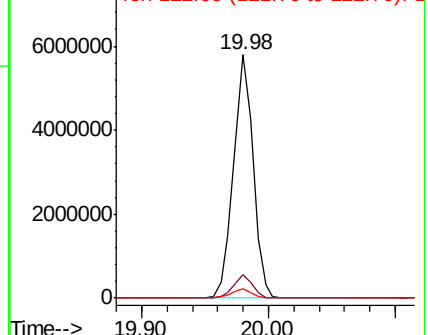
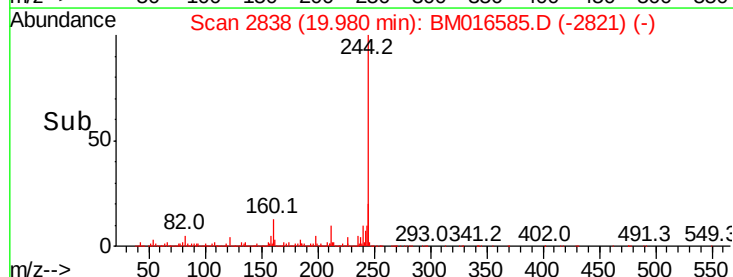


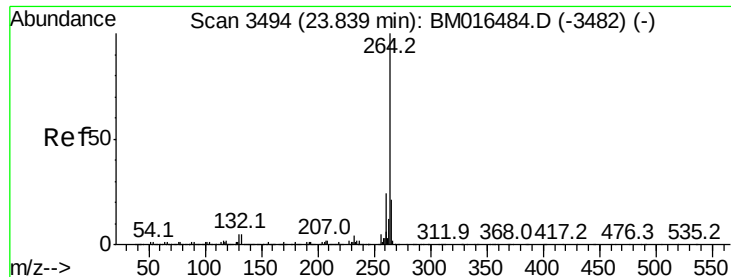
Abundance

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



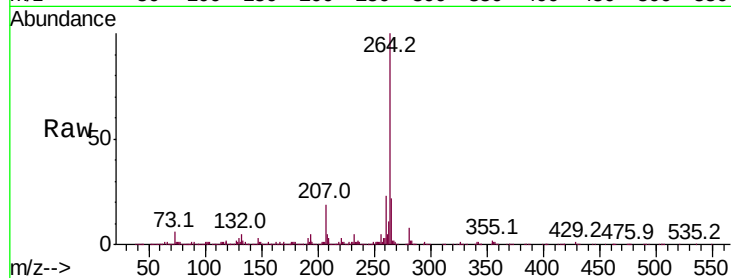


#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.81 min Scan# 3490
Delta R.T. -0.00 min
Lab File: BM016585.D
Acq: 24 Aug 2018 13:15

Instrument :
BNA_M
ClientSampleId :
20180535-AMENDED-COMPOSITE-(-)

Tot Ion:264 Resp: 1488538

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	27.8
265	21.6	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

