

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082718\
 Data File : BM016607.D
 Acq On : 27 Aug 2018 15:27
 Operator : SJ/JU
 Sample : J4646-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EP1-Q4-D5

Quant Time: Aug 27 16:59:43 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

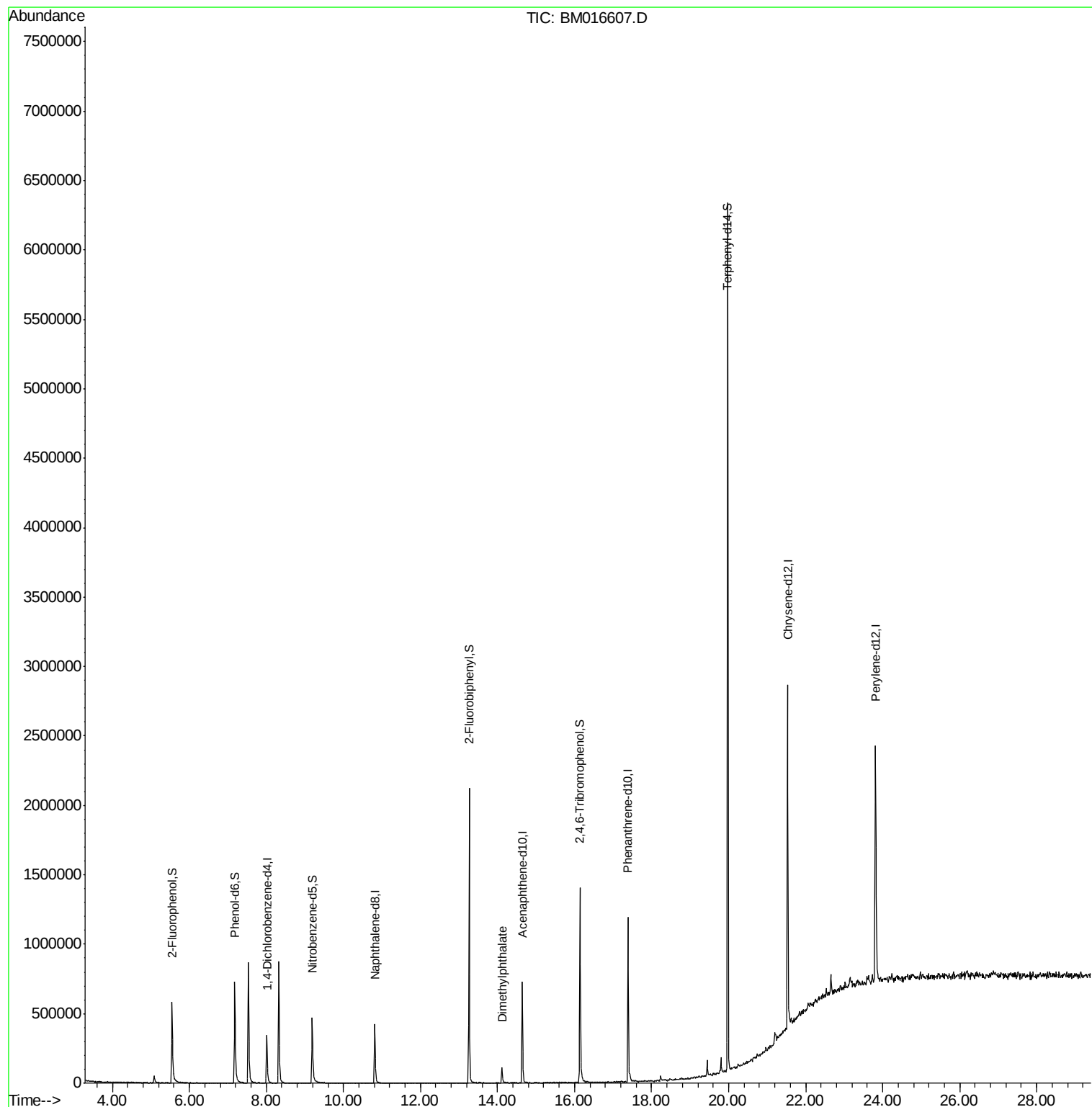
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	85087	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	281147	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	208346	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	688825	20.00	ng	0.00
75) Chrysene-d12	21.53	240	1075149	20.00	ng	0.00
86) Perylene-d12	23.81	264	1359705	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	216305	49.82	ng	0.00
7) Phenol-d6	7.18	99	322172	56.07	ng	0.00
23) Nitrobenzene-d5	9.19	82	301372	48.94	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	242172	41.58	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	924246	42.64	ng	0.00
78) Terphenyl-d14	19.97	244	2488455	48.99	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.12	163	75740	3.784	ng	Qvalue # 97

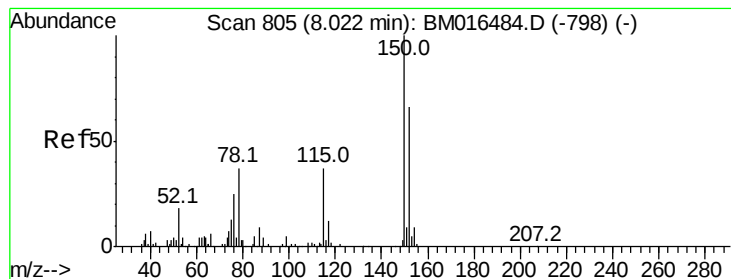
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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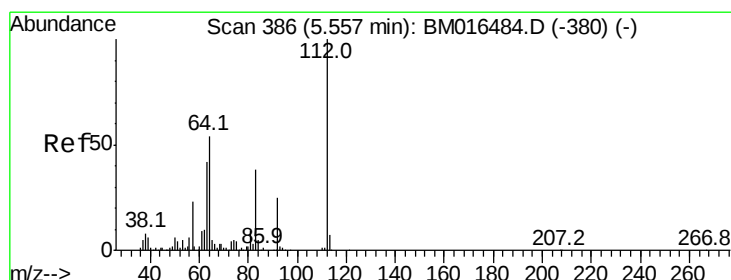
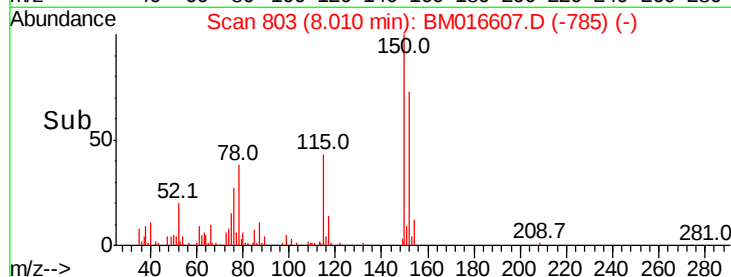
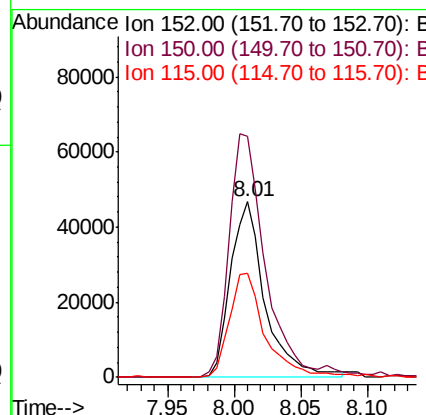
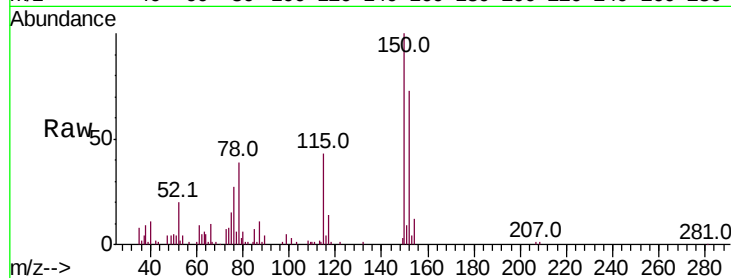


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.01 min Scan# 803
 Delta R.T. 0.01 min
 Lab File: BM016607.D
 Acq: 27 Aug 2018 15:27

Instrument :
 BNA_M
 ClientSampleId :
 EP1-Q4-D5

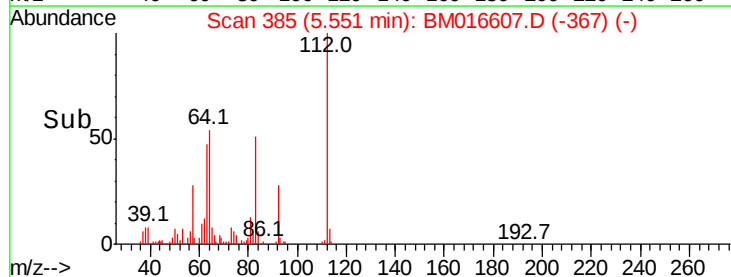
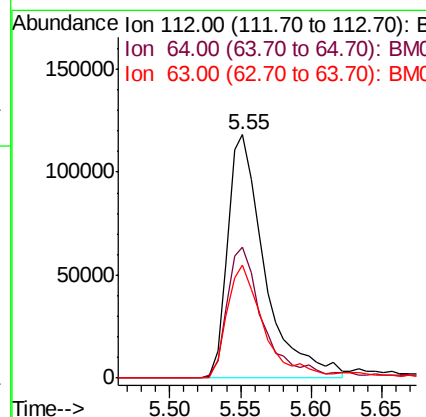
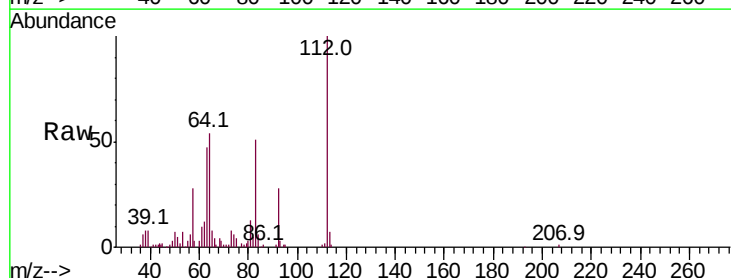
Tot Ion	Ratio	Lower	Upper
152	100		
150	137.1	119.5	179.3
115	59.3	43.0	64.4

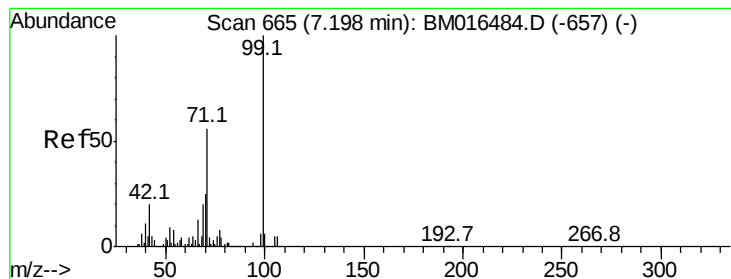


#5

2-Fluorophenol
 Concen: 49.816 ng
 RT: 5.55 min Scan# 385
 Delta R.T. 0.01 min
 Lab File: BM016607.D
 Acq: 27 Aug 2018 15:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.6	38.6	57.8
63	46.5	19.3	28.9





#7

Phenol-d6

Concen: 56.071 ng

RT: 7.18 min Scan# 662

Delta R.T. -0.00 min

Lab File: BM016607.D

Acq: 27 Aug 2018 15:27

Instrument :

BNA_M

ClientSampleId :

EP1-Q4-D5

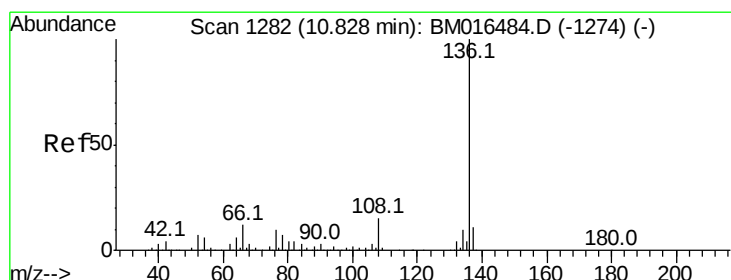
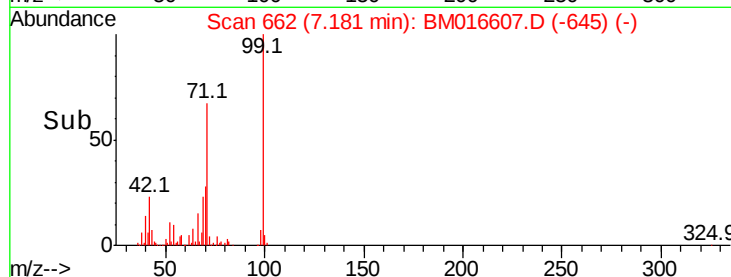
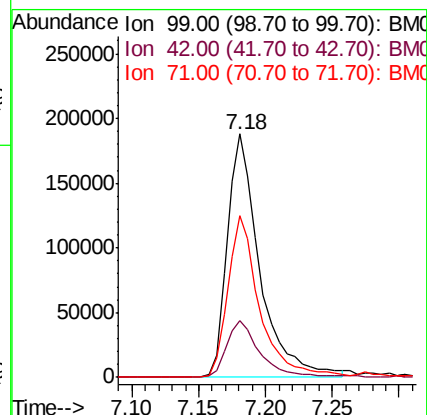
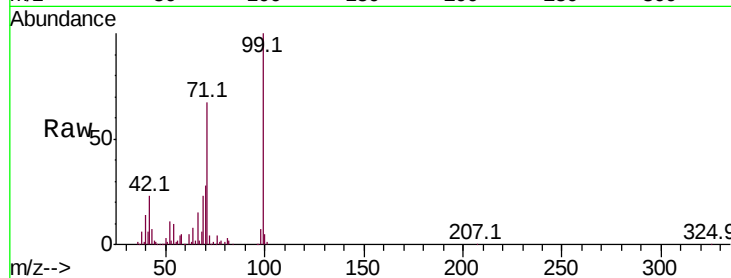
Tot Ion: 99 Resp: 322172

Ion Ratio Lower Upper

99 100

42 23.2 11.0 16.4#

71 66.5 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.81 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BM016607.D

Acq: 27 Aug 2018 15:27

Tgt Ion: 136 Resp: 281147

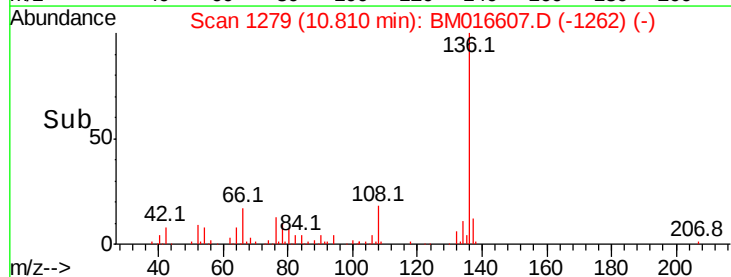
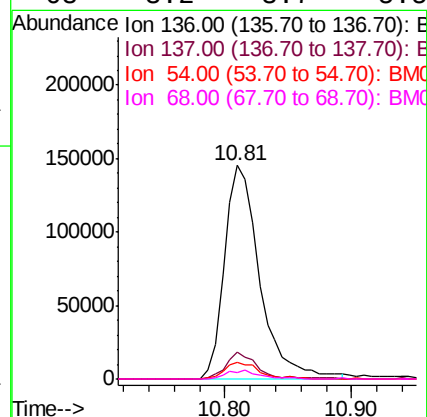
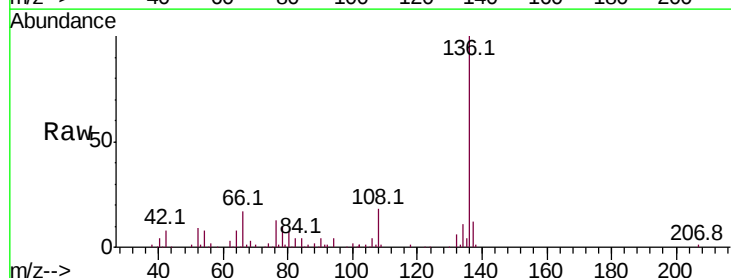
Ion Ratio Lower Upper

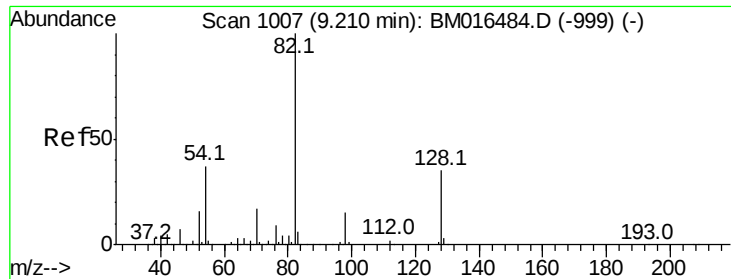
136 100

137 12.4 8.7 13.1

54 7.7 4.6 6.8#

68 3.2 3.7 5.5#

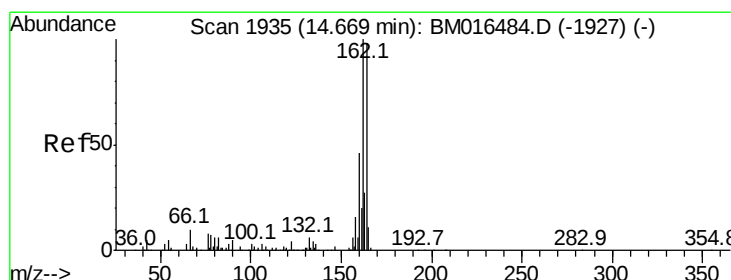
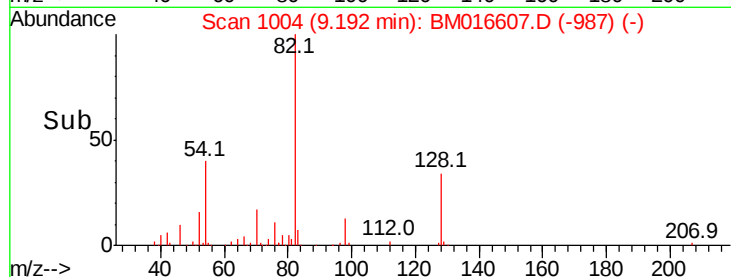
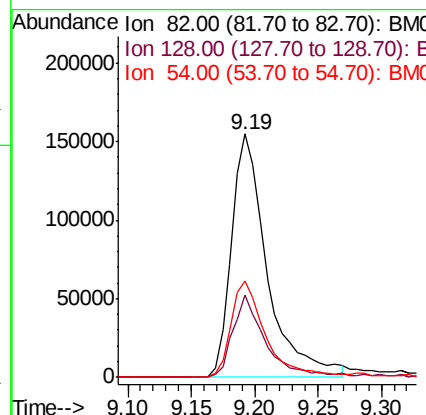
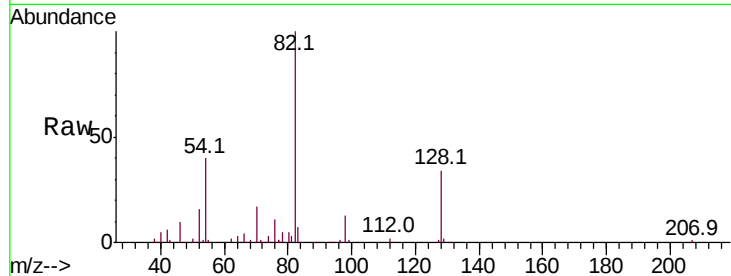




#23
 Nitrobenzene-d5
 Concen: 48.944 ng
 RT: 9.19 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BM016607.D
 Acq: 27 Aug 2018 15:27

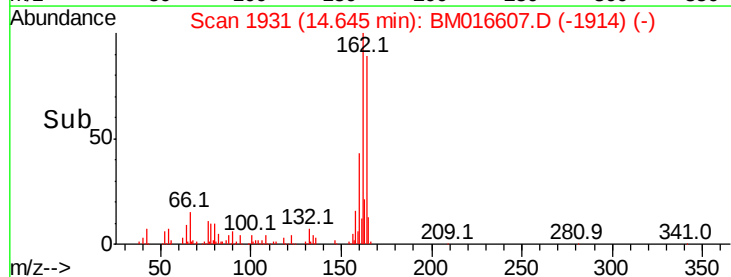
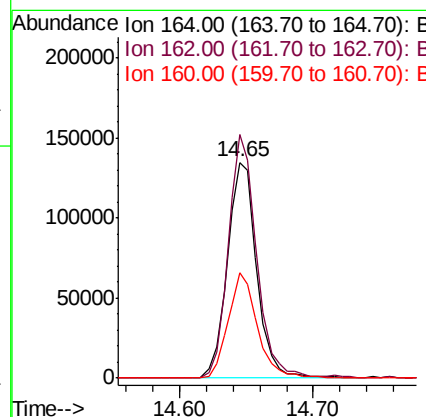
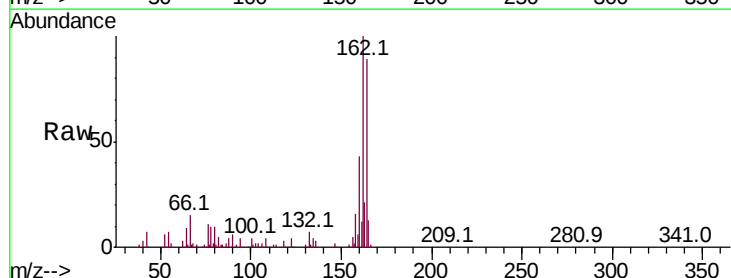
Instrument :
 BNA_M
 ClientSampleId :
 EP1-Q4-D5

Tot Ion	Ratio	Lower	Upper
82	100		
128	33.8	32.8	49.2
54	39.6	40.6	60.8#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1931
 Delta R.T. -0.00 min
 Lab File: BM016607.D
 Acq: 27 Aug 2018 15:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	112.7	82.4	123.6
160	48.7	35.8	53.6

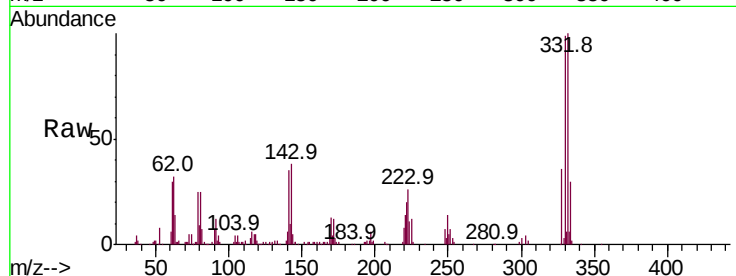




#41
2,4,6-Tribromophenol
Concen: 41.581 ng
RT: 16.14 min Scan# 2186
Delta R.T. 0.01 min
Lab File: BM016607.D
Acq: 27 Aug 2018 15:27

Instrument :
BNA_M
ClientSampleId :
EP1-Q4-D5

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	0.0	0.0#
141	39.2	0.0	0.0#

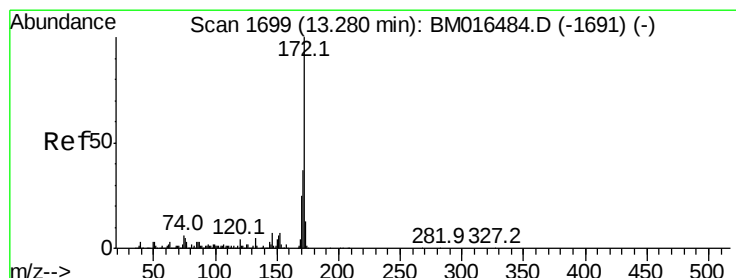
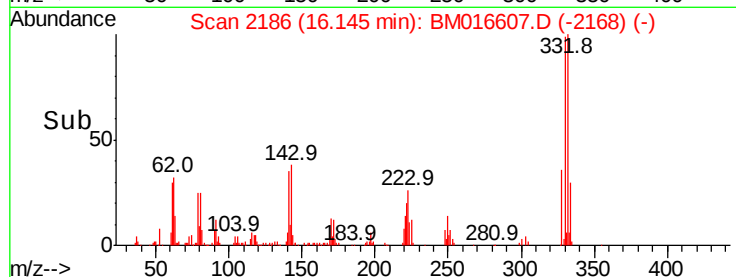
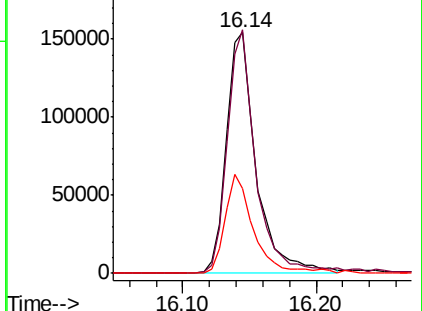


Abundance

Ion 329.80 (329.50 to 330.50): E

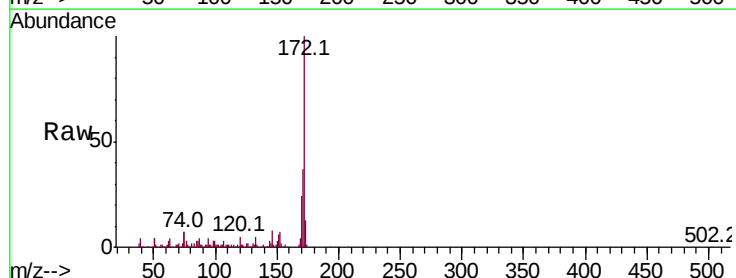
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
2-Fluorobiphenyl
Concen: 42.641 ng
RT: 13.26 min Scan# 1696
Delta R.T. -0.00 min
Lab File: BM016607.D
Acq: 27 Aug 2018 15:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.5	42.7
170	24.1	18.8	28.2

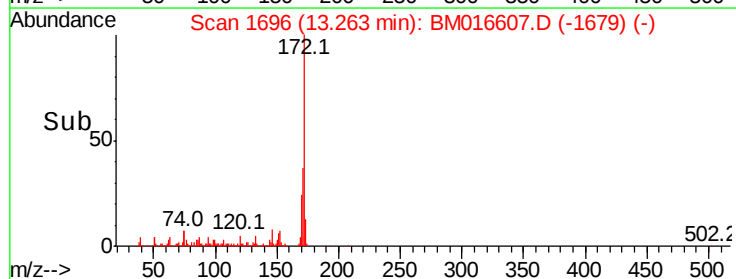
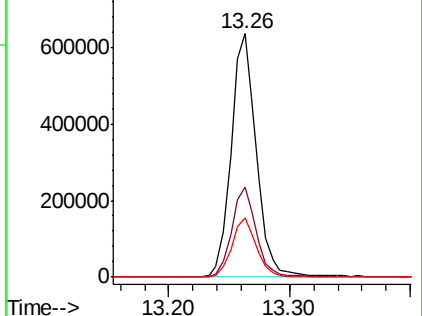


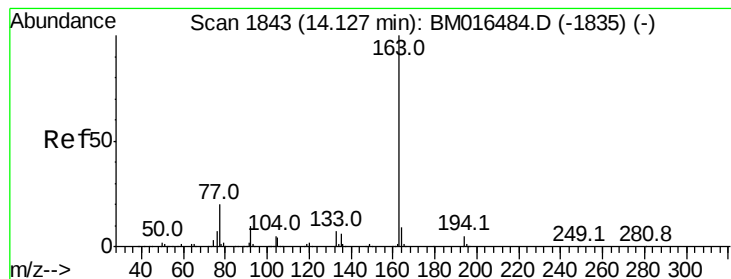
Abundance

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: 3.784 ng

RT: 14.12 min Scan# 1841

Delta R.T. 0.01 min

Lab File: BM016607.D

Acq: 27 Aug 2018 15:27

Instrument :

BNA_M

ClientSampleId :

EP1-Q4-D5

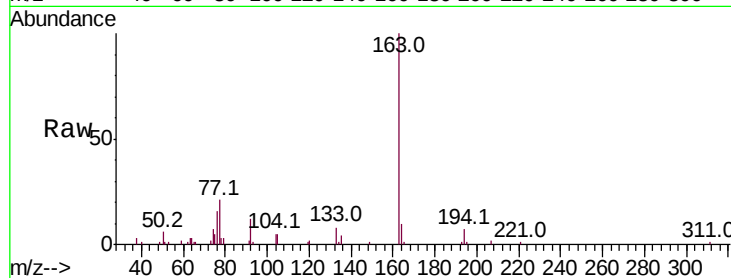
Tot Ion:163 Resp: 75740

Ion Ratio Lower Upper

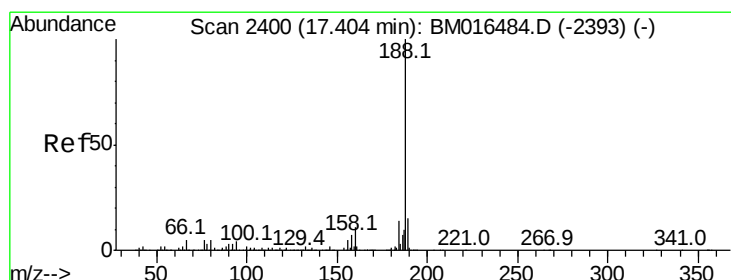
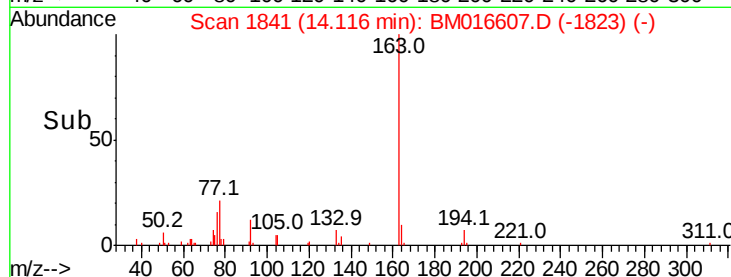
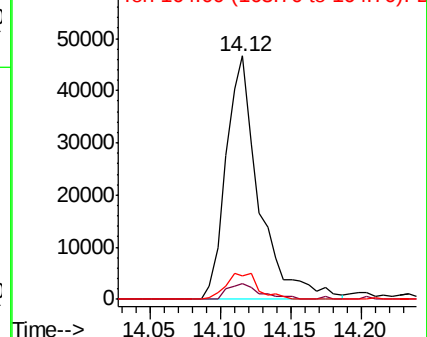
163 100

194 6.6 2.7 4.1#

164 9.8 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. 0.01 min

Lab File: BM016607.D

Acq: 27 Aug 2018 15:27

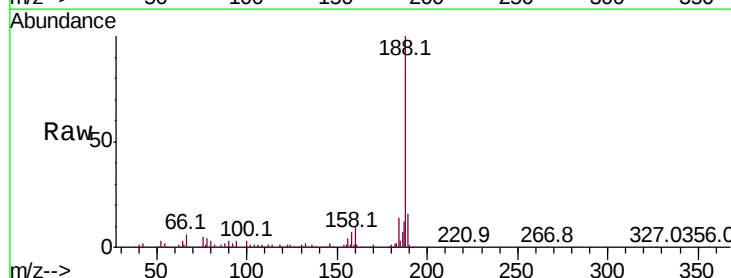
Tgt Ion:188 Resp: 688825

Ion Ratio Lower Upper

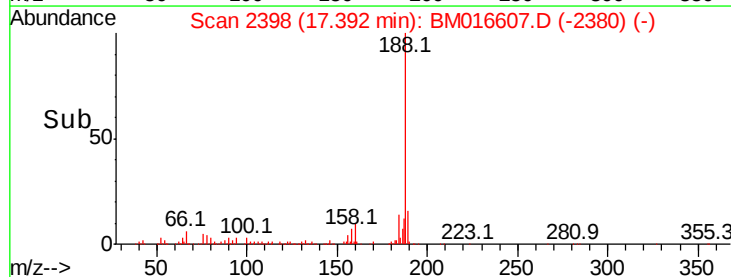
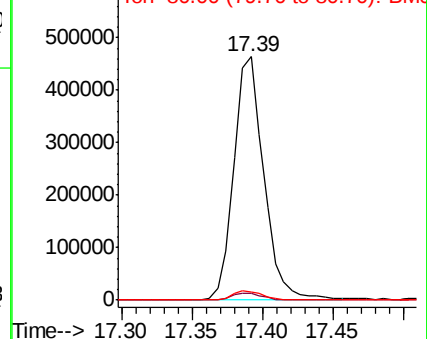
188 100

94 2.8 8.7 13.1#

80 3.3 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: BM016607.D

Acq: 27 Aug 2018 15:27

Instrument :

BNA_M

ClientSampleId :

EP1-Q4-D5

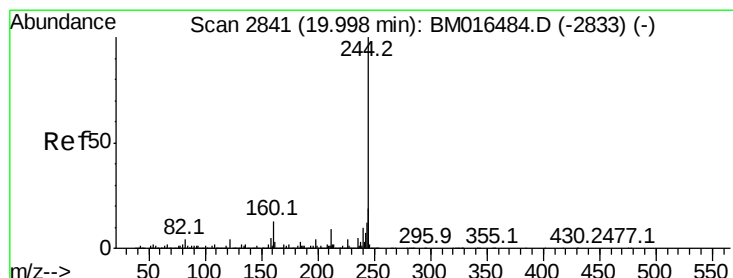
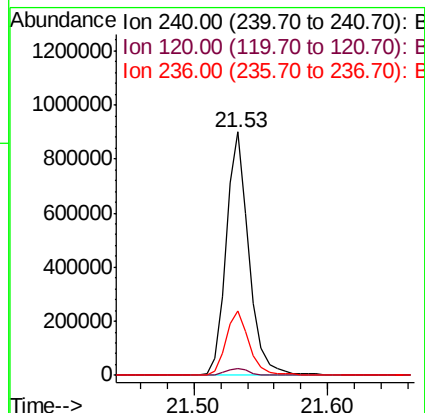
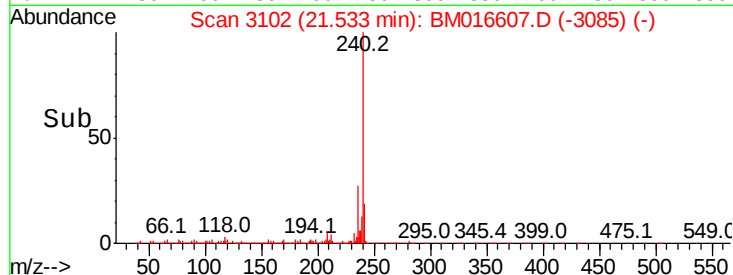
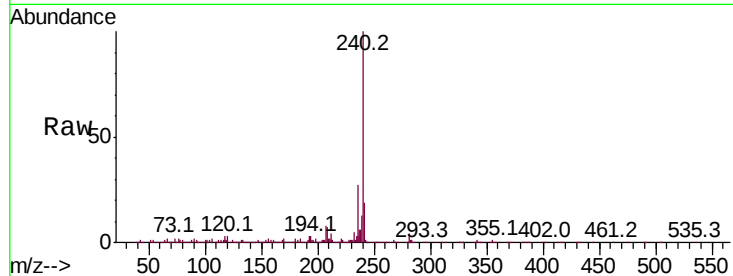
Tot Ion:240 Resp: 1075149

Ion	Ratio	Lower	Upper
240	100		
120	2.5	8.2	12.2#
236	26.6	20.0	30.0

240 100

120 2.5 8.2 12.2#

236 26.6 20.0 30.0



#78

Terphenyl-d14

Concen: 48.988 ng

RT: 19.97 min Scan# 2837

Delta R.T. -0.01 min

Lab File: BM016607.D

Acq: 27 Aug 2018 15:27

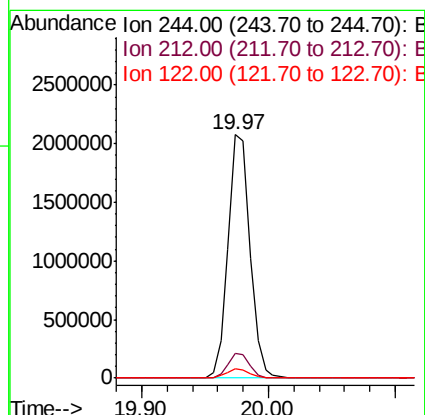
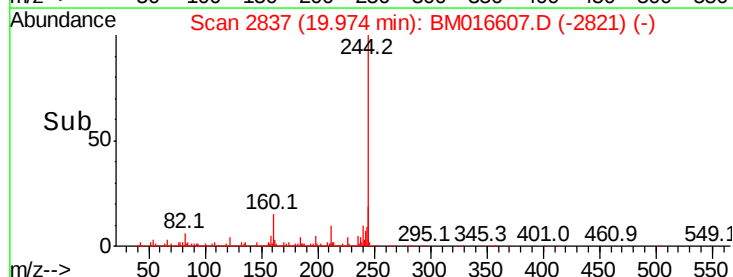
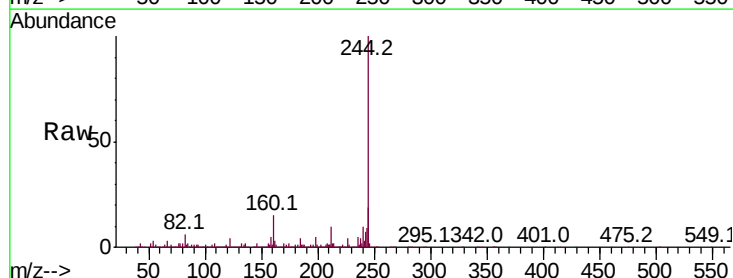
Tgt Ion:244 Resp: 2488455

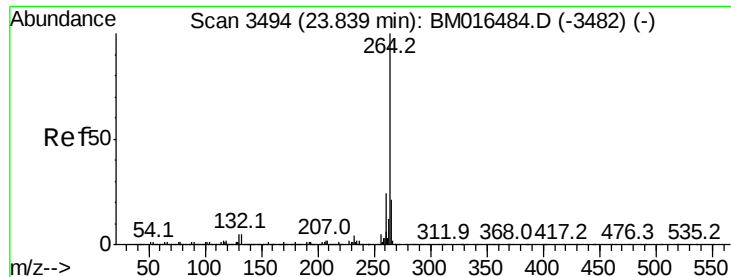
Ion	Ratio	Lower	Upper
244	100		
212	10.0	4.9	7.3#
122	3.9	6.2	9.4#

244 100

212 10.0 4.9 7.3#

122 3.9 6.2 9.4#





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.81 min Scan# 3490
Delta R.T. -0.00 min
Lab File: BM016607.D
Acq: 27 Aug 2018 15:27

Instrument :
BNA_M
ClientSampleId :
EP1-Q4-D5

Tot Ion:264 Resp: 1359705

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.6	27.8
265	21.4	17.3	25.9

