

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082718\
 Data File : BM016606.D
 Acq On : 27 Aug 2018 14:51
 Operator : SJ/JU
 Sample : J4646-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EP1-Q4-B6

Quant Time: Aug 27 15:36:47 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

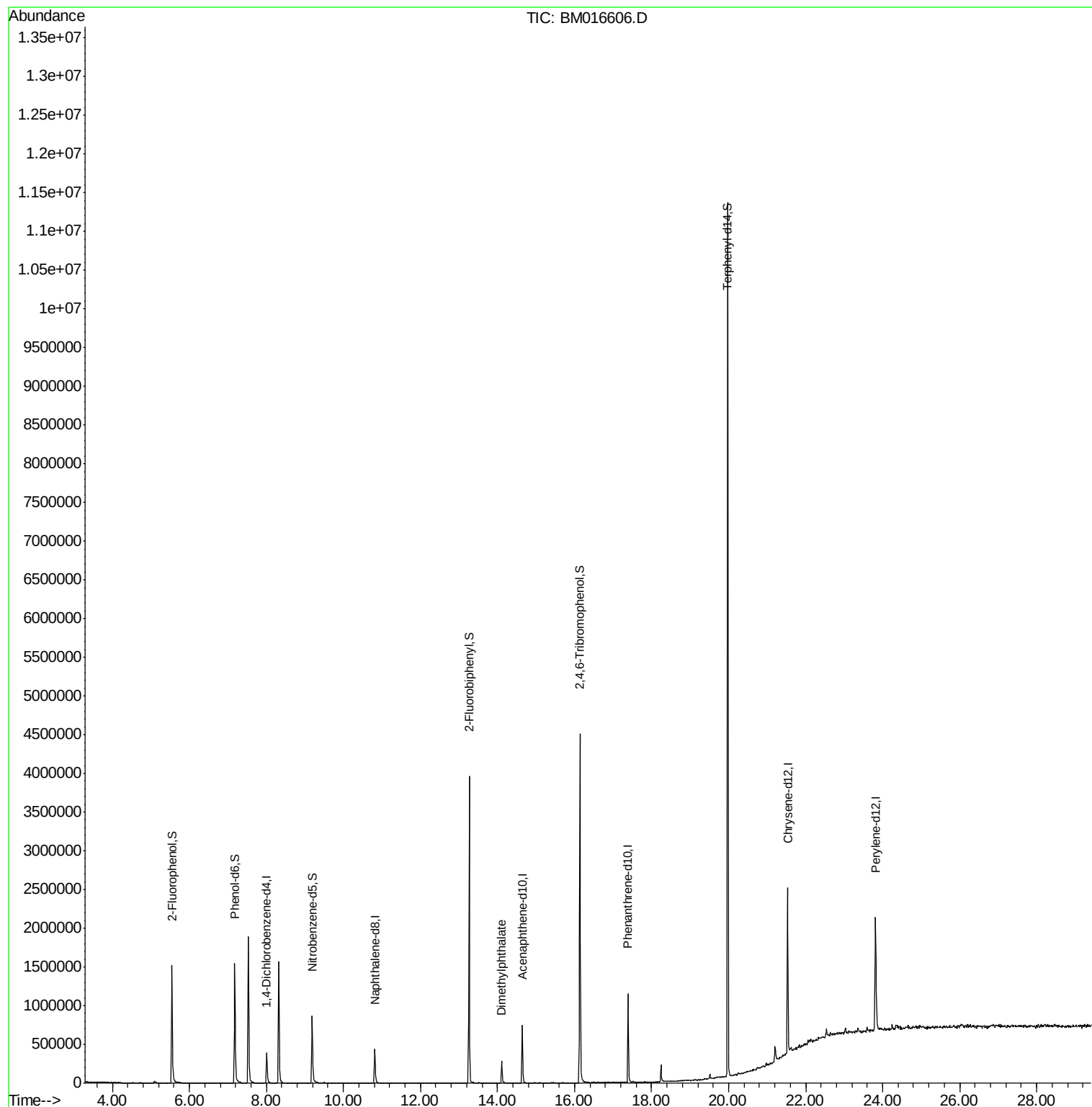
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	91145	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	300289	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	212635	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	704843	20.00	ng	0.00
75) Chrysene-d12	21.53	240	986092	20.00	ng	0.00
86) Perylene-d12	23.82	264	1151526	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	511389	109.95	ng	0.00
7) Phenol-d6	7.18	99	615870	100.06	ng	0.00
23) Nitrobenzene-d5	9.19	82	525280	79.87	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	747293	125.72	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	1710597	77.33	ng	0.00
78) Terphenyl-d14	19.98	244	4512684	96.86	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.11	163	185631	9.087	ng	Qvalue # 98

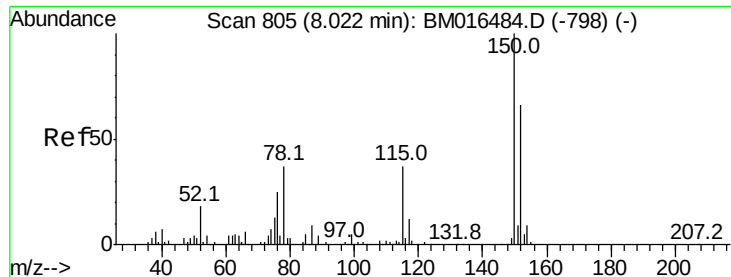
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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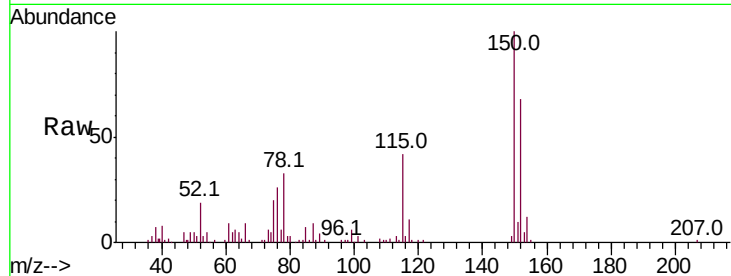


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 802
Delta R.T. 0.00 min
Lab File: BM016606.D
Acq: 27 Aug 2018 14:51

Instrument :
BNA_M
ClientSampleId :
EP1-Q4-B6

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.2	119.5	179.3
115	61.5	43.0	64.4

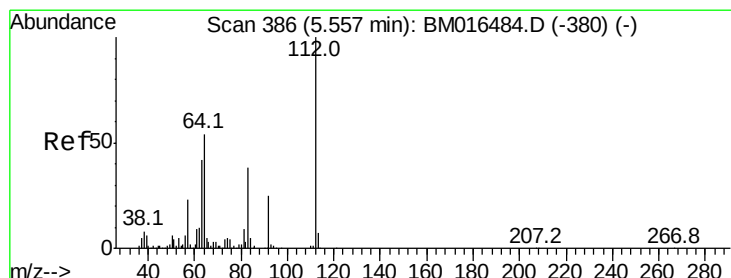
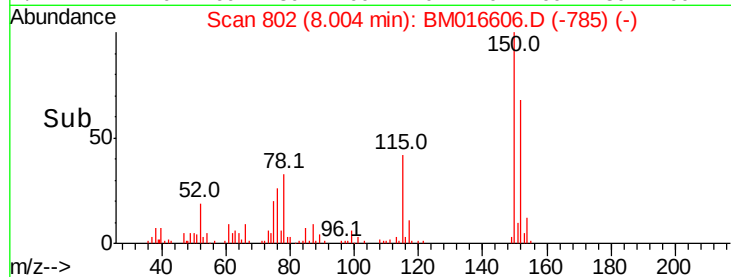
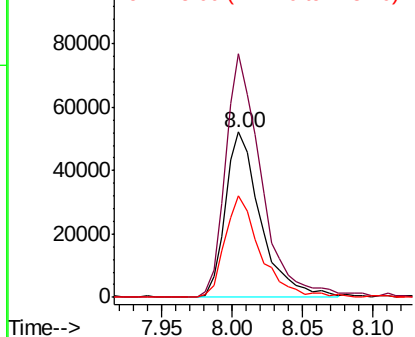


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

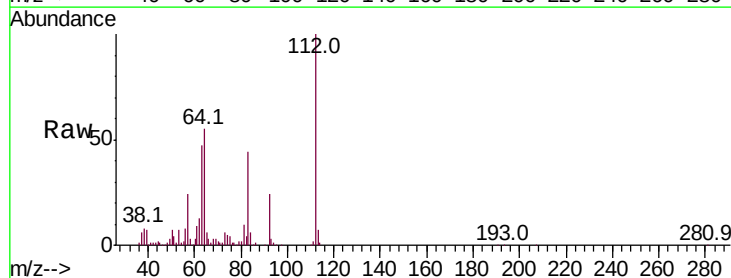
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 109.947 ng
RT: 5.55 min Scan# 384
Delta R.T. 0.00 min
Lab File: BM016606.D
Acq: 27 Aug 2018 14:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.8	38.6	57.8
63	46.6	19.3	28.9

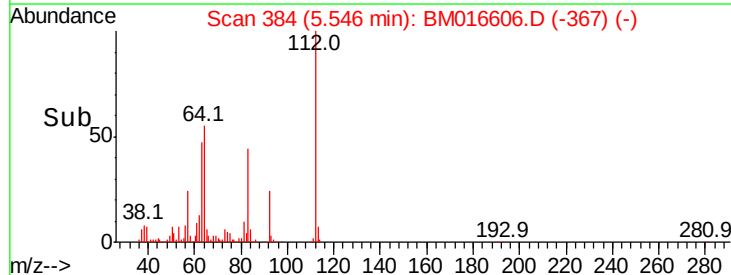
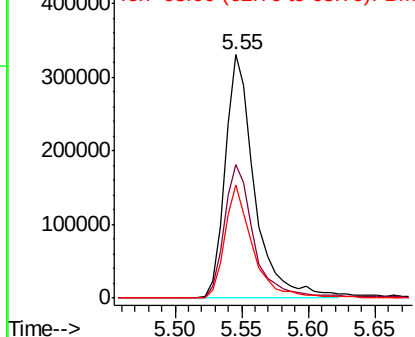


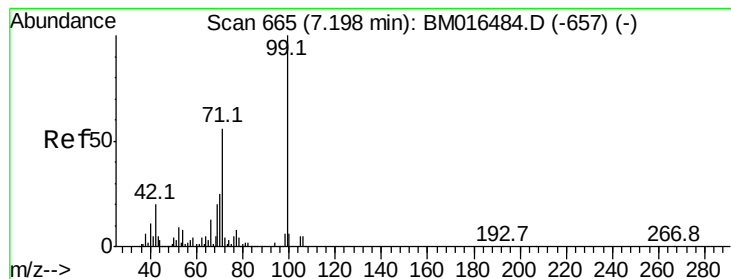
Abundance

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: 100.062 ng

RT: 7.18 min Scan# 662

Delta R.T. 0.00 min

Lab File: BM016606.D

Acq: 27 Aug 2018 14:51

Instrument :

BNA_M

ClientSampled :

EP1-Q4-B6

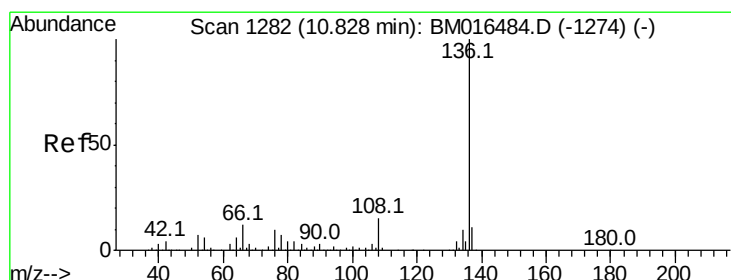
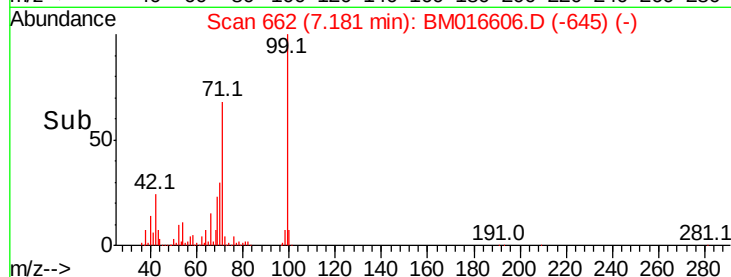
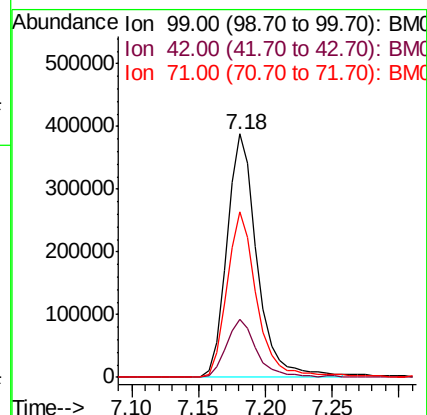
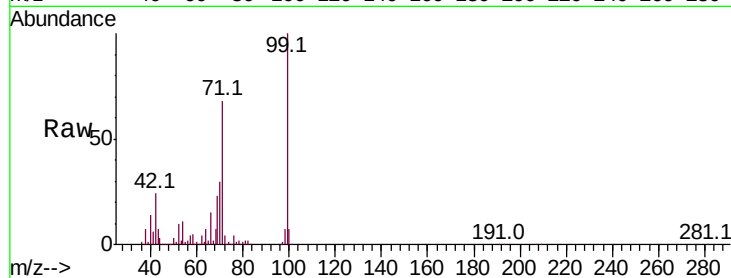
Tot Ion: 99 Resp: 615870

Ion Ratio Lower Upper

99 100

42 23.6 11.0 16.4#

71 68.2 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: BM016606.D

Acq: 27 Aug 2018 14:51

Tgt Ion: 136 Resp: 300289

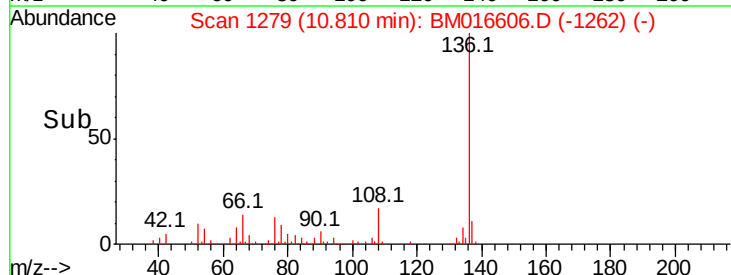
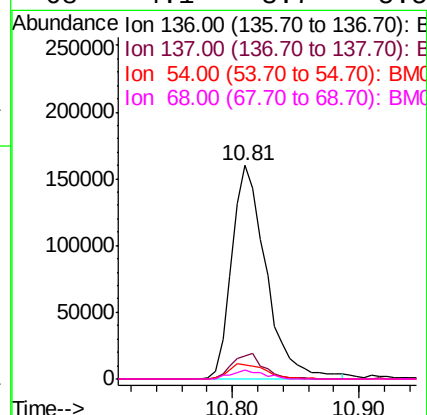
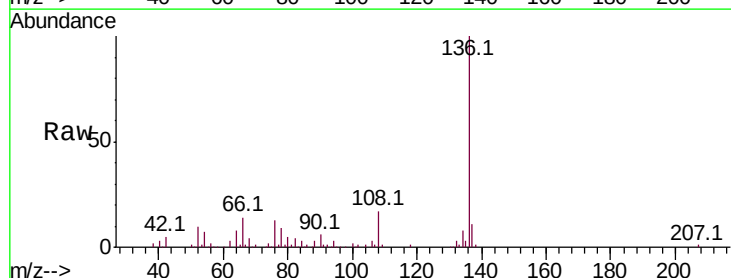
Ion Ratio Lower Upper

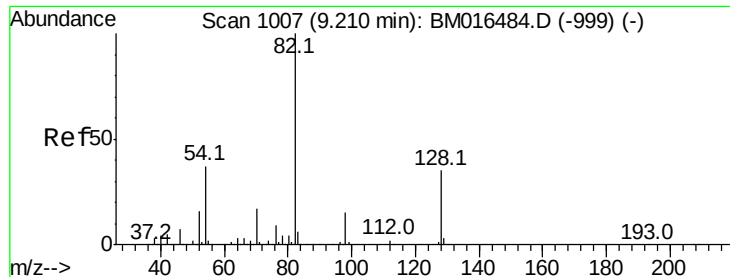
136 100

137 10.7 8.7 13.1

54 6.5 4.6 6.8

68 4.1 3.7 5.5

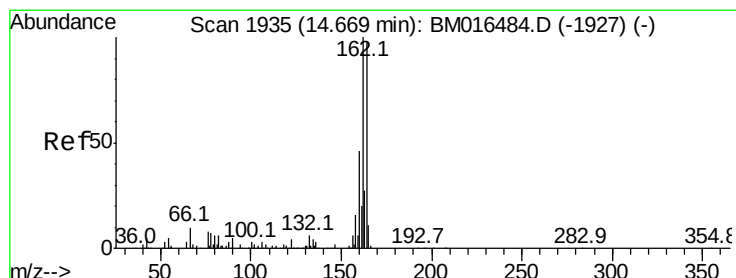
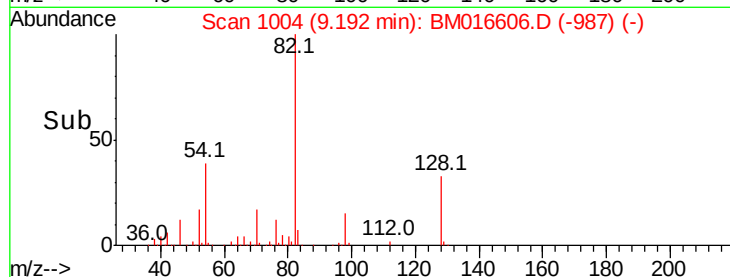
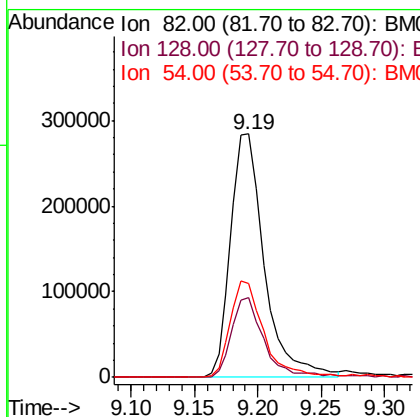
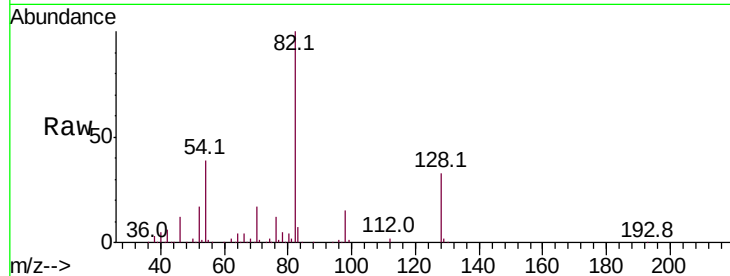




#23
 Nitrobenzene-d5
 Concen: 79.869 ng
 RT: 9.19 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BM016606.D
 Acq: 27 Aug 2018 14:51

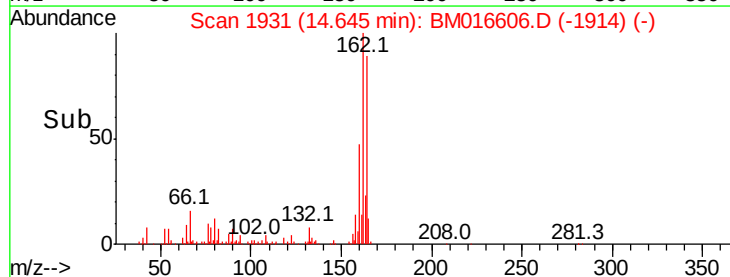
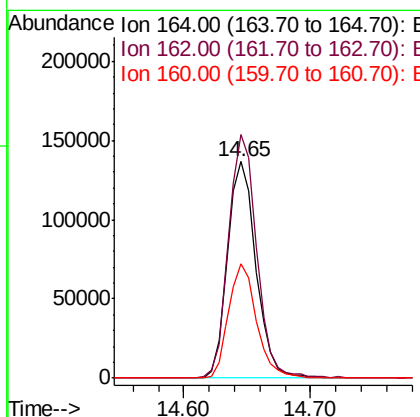
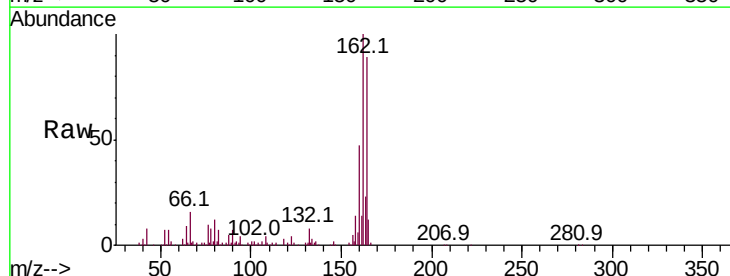
Instrument :
 BNA_M
 ClientSampleID :
 EP1-Q4-B6

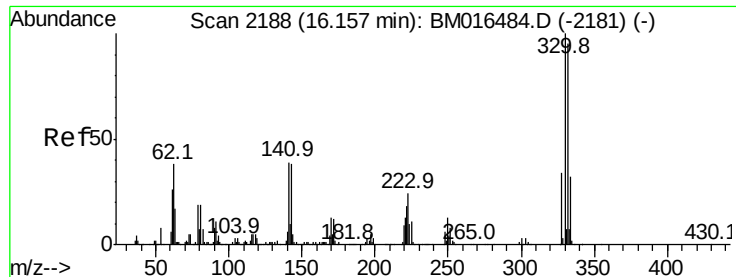
Tot Ion	Ratio	Lower	Upper
82	100		
128	32.8	32.8	49.2#
54	38.7	40.6	60.8#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1931
 Delta R.T. 0.00 min
 Lab File: BM016606.D
 Acq: 27 Aug 2018 14:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	112.5	82.4	123.6
160	52.8	35.8	53.6

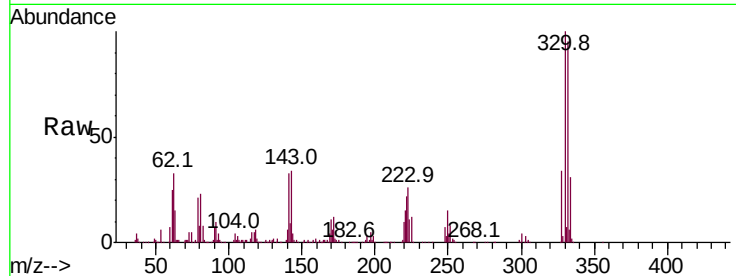




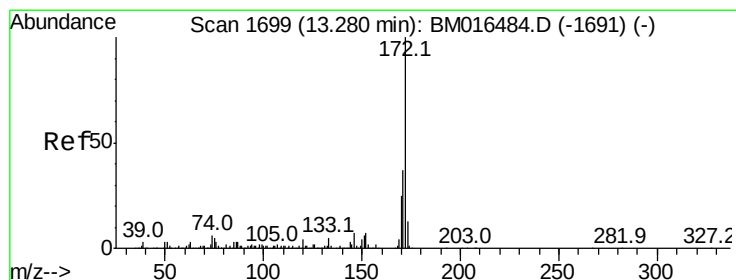
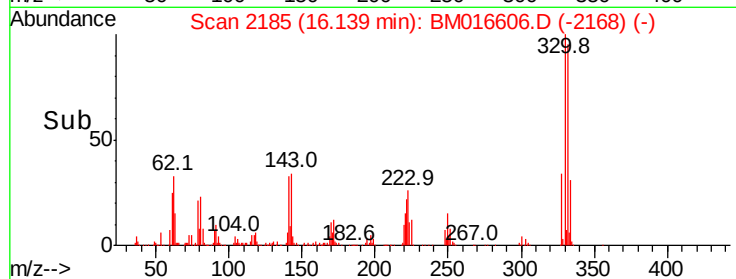
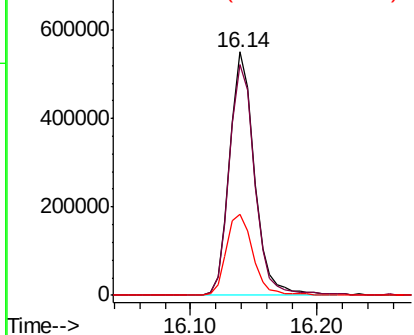
#41
 2,4,6-Tribromophenol
 Concen: 125.721 ng
 RT: 16.14 min Scan# 2185
 Delta R.T. 0.00 min
 Lab File: BM016606.D
 Acq: 27 Aug 2018 14:51

Instrument :
 BNA_M
 ClientSampleId :
 EP1-Q4-B6

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	0.0	0.0#
141	36.1	0.0	0.0#

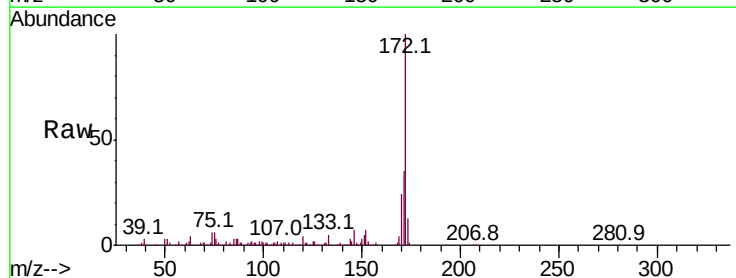


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

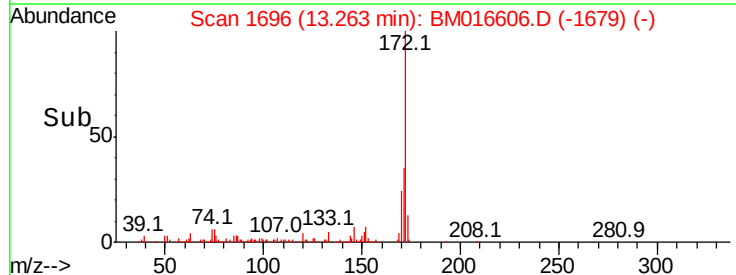
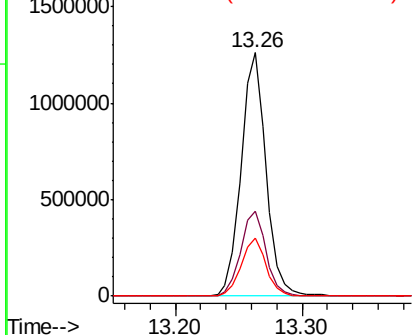


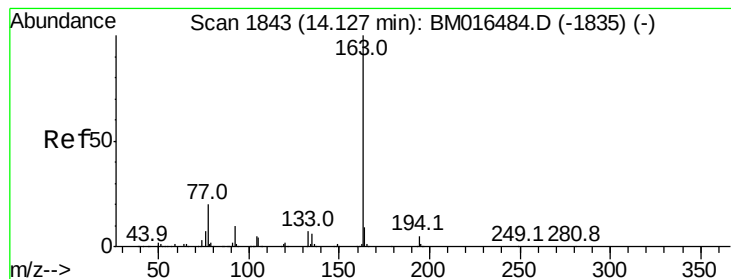
#44
 2-Fluorobiphenyl
 Concen: 77.328 ng
 RT: 13.26 min Scan# 1696
 Delta R.T. 0.00 min
 Lab File: BM016606.D
 Acq: 27 Aug 2018 14:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.5	42.7
170	23.9	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: 9.087 ng

RT: 14.11 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BM016606.D

Acq: 27 Aug 2018 14:51

Instrument :

BNA_M

ClientSampleId :

EP1-Q4-B6

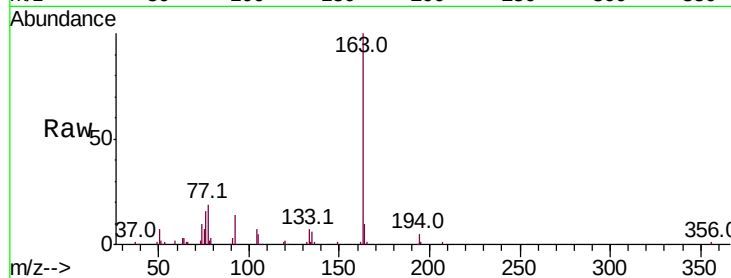
Tot Ion:163 Resp: 185631

Ion Ratio Lower Upper

163 100

194 5.2 2.7 4.1#

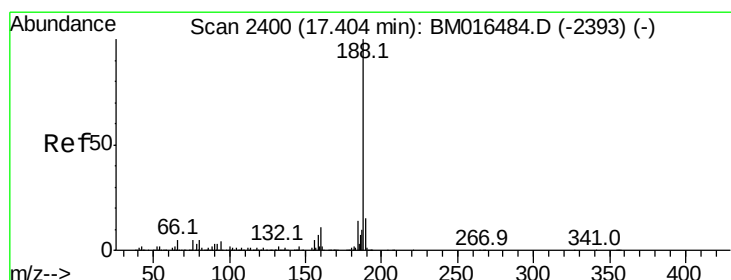
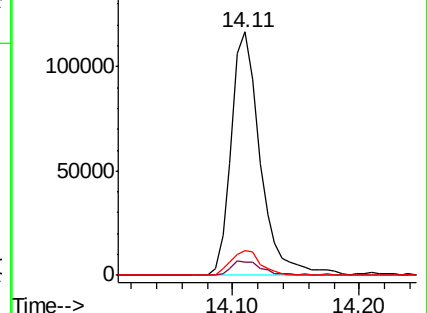
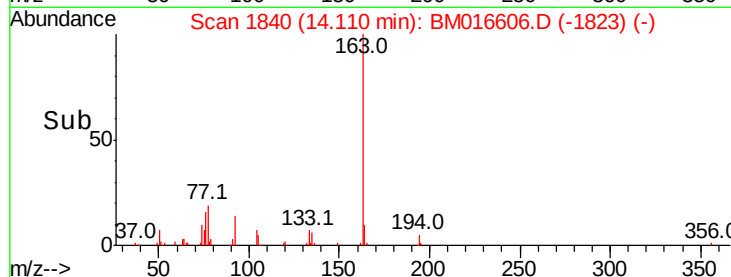
164 10.4 8.2 12.2



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. 0.01 min

Lab File: BM016606.D

Acq: 27 Aug 2018 14:51

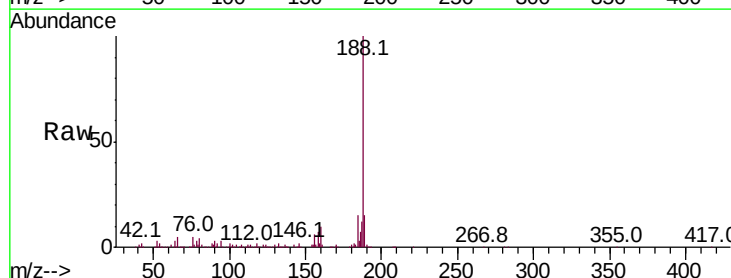
Tgt Ion:188 Resp: 704843

Ion Ratio Lower Upper

188 100

94 3.3 8.7 13.1#

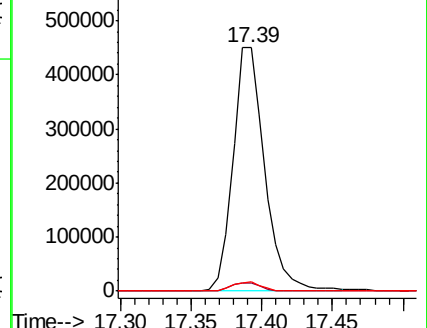
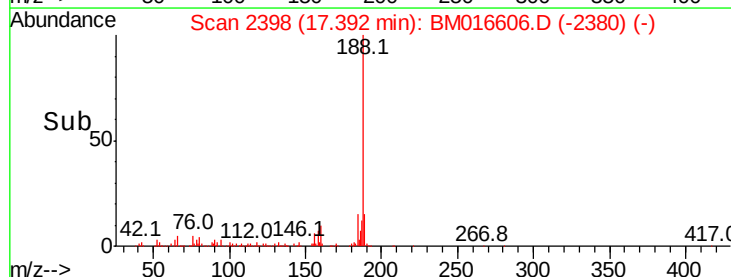
80 3.7 9.3 13.9#

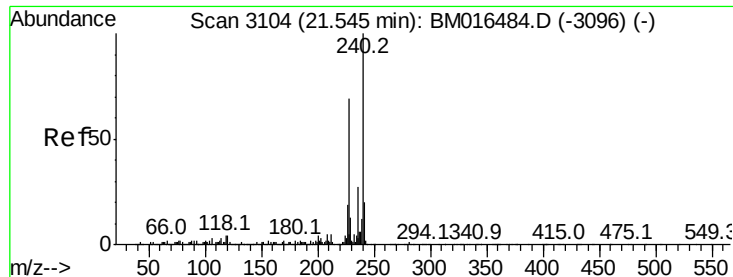


Abundance Ion 188.00 (187.70 to 188.70): E

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: BM016606.D

Acq: 27 Aug 2018 14:51

Instrument :

BNA_M

ClientSampleId :

EP1-Q4-B6

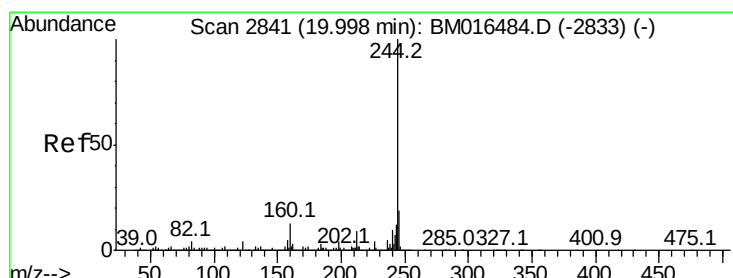
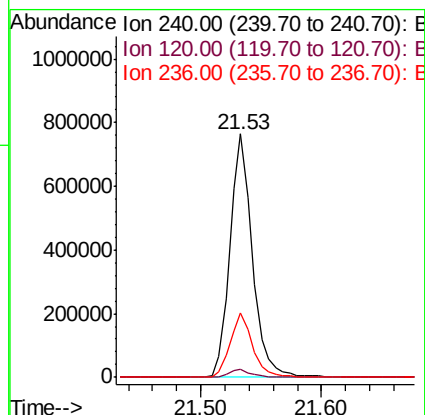
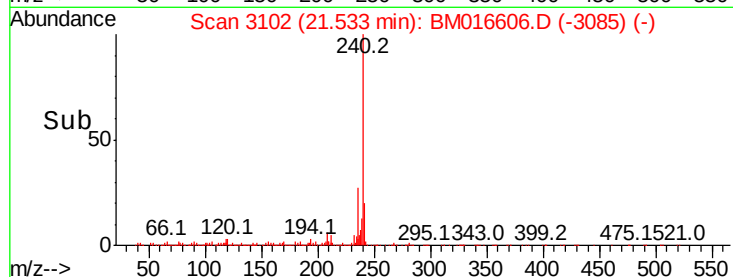
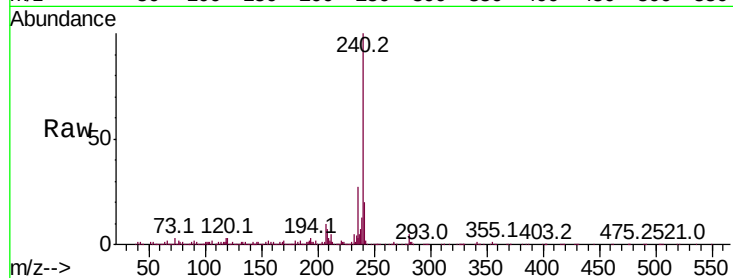
Tot Ion:240 Resp: 986092

Ion Ratio Lower Upper

240 100

120 3.1 8.2 12.2#

236 26.6 20.0 30.0



#78

Terphenyl-d14

Concen: 96.861 ng

RT: 19.98 min Scan# 2838

Delta R.T. 0.00 min

Lab File: BM016606.D

Acq: 27 Aug 2018 14:51

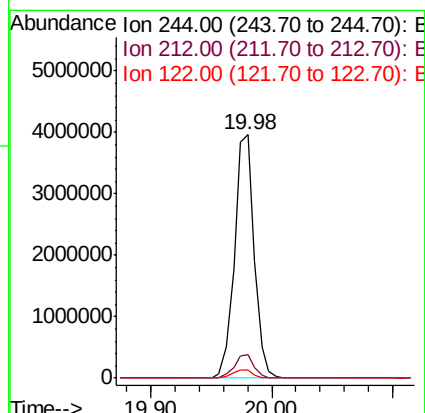
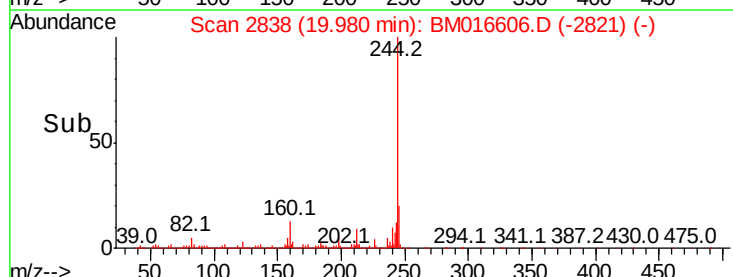
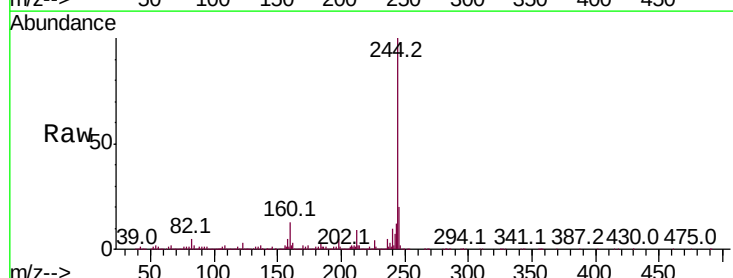
Tgt Ion:244 Resp: 4512684

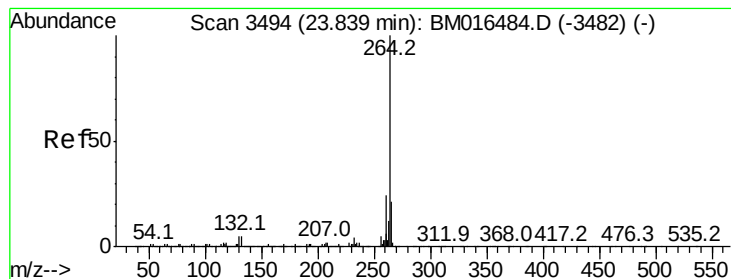
Ion Ratio Lower Upper

244 100

212 9.5 4.9 7.3#

122 3.3 6.2 9.4#



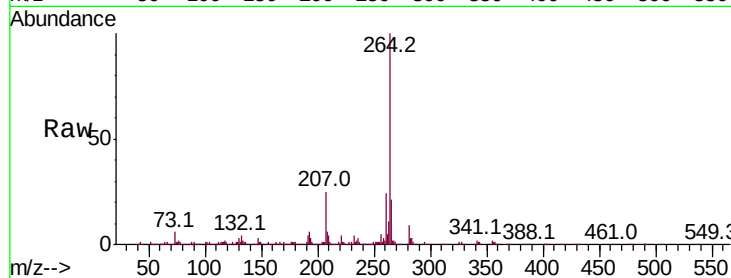


#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.82 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: BM016606.D
 Acq: 27 Aug 2018 14:51

Instrument :
 BNA_M
 ClientSampleId :
 EP1-Q4-B6

Tot Ion: 264 Resp: 1151526

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	21.3	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

