

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082718\
 Data File : BM016602.D
 Acq On : 27 Aug 2018 12:26
 Operator : SJ/JU
 Sample : J4636-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BYR-2-E(9-10)

Quant Time: Aug 27 13:54:30 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

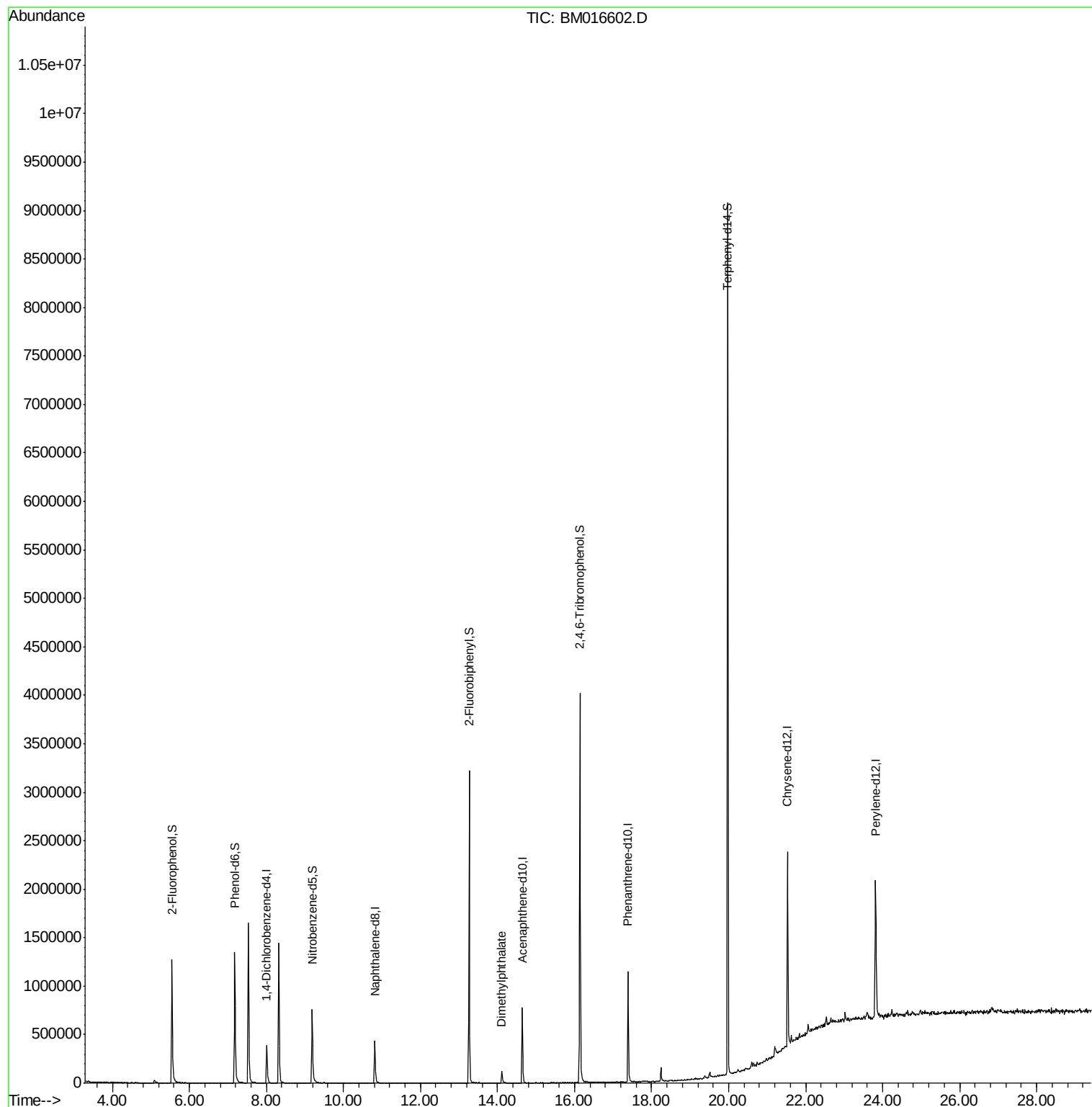
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	89056	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	300894	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	218359	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	701041	20.00	ng	0.00
75) Chrysene-d12	21.53	240	972524	20.00	ng	0.00
86) Perylene-d12	23.82	264	1104018	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	442621	97.39	ng	0.00
7) Phenol-d6	7.18	99	549295	91.34	ng	0.00
23) Nitrobenzene-d5	9.19	82	465523	70.64	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	659929	108.11	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	1437889	63.30	ng	0.00
78) Terphenyl-d14	19.98	244	3685026	80.20	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.12	163	88501	4.219	ng	Qvalue # 94

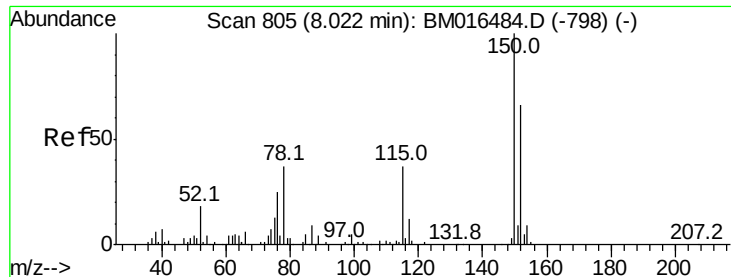
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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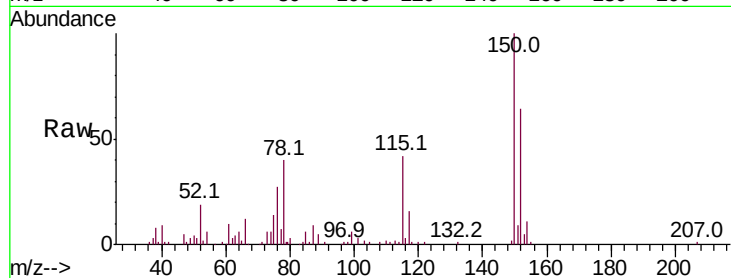


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.00 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BM016602.D
 Acq: 27 Aug 2018 12:26

Instrument :
 BNA_M
 ClientSampleId :
 BYR-2-E(9-10)

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	119.5	179.3
115	64.9	43.0	64.4

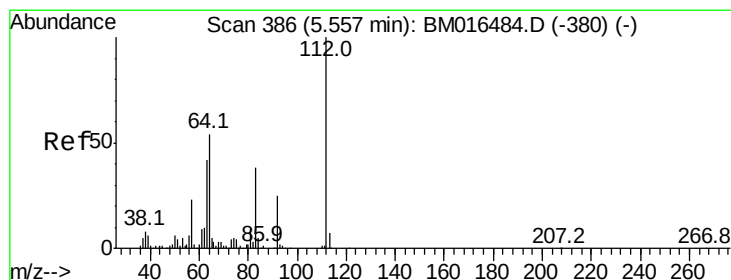
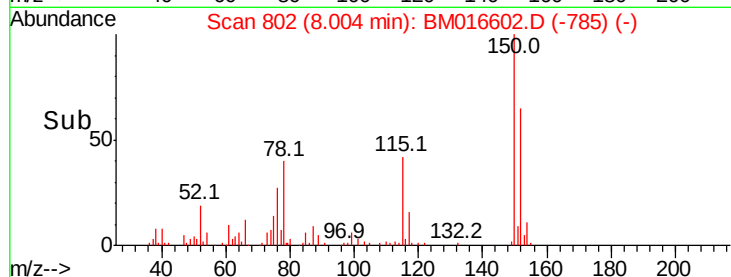
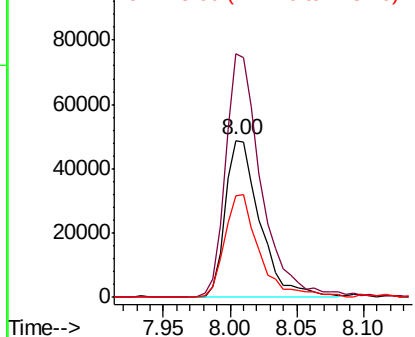


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

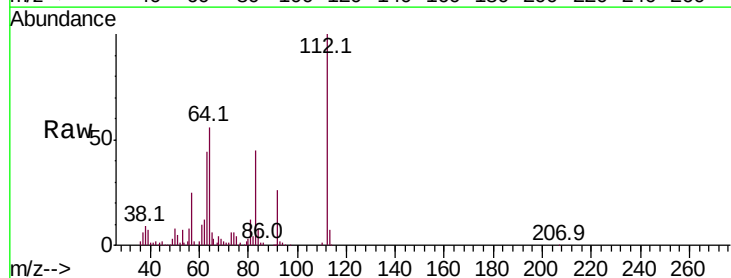
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 97.394 ng
 RT: 5.55 min Scan# 384
 Delta R.T. 0.00 min
 Lab File: BM016602.D
 Acq: 27 Aug 2018 12:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.9	38.6	57.8
63	44.0	19.3	28.9

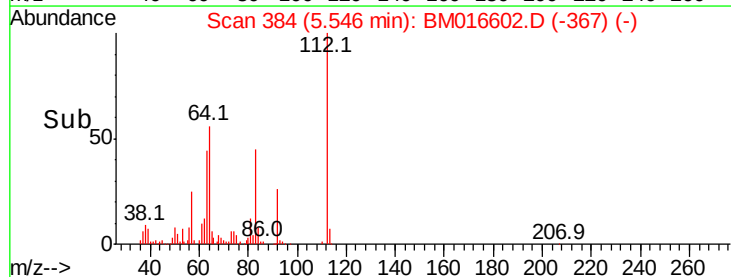
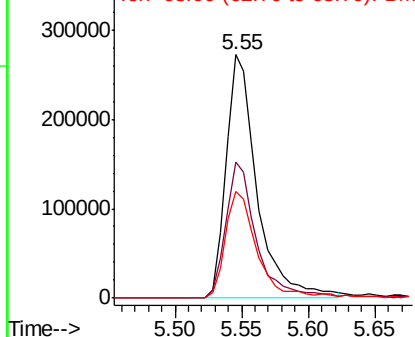


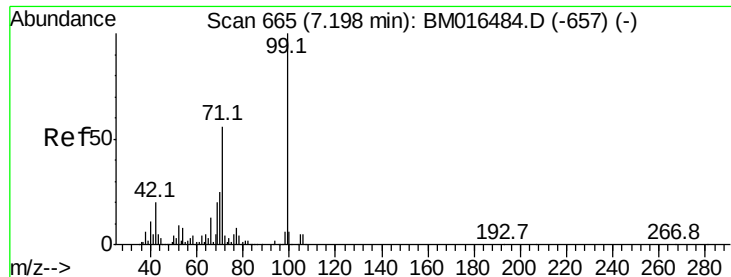
Abundance

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: 91.339 ng

RT: 7.18 min Scan# 662

Delta R.T. 0.00 min

Lab File: BM016602.D

Acq: 27 Aug 2018 12:26

Instrument :

BNA_M

ClientSampleId :

BYR-2-E(9-10)

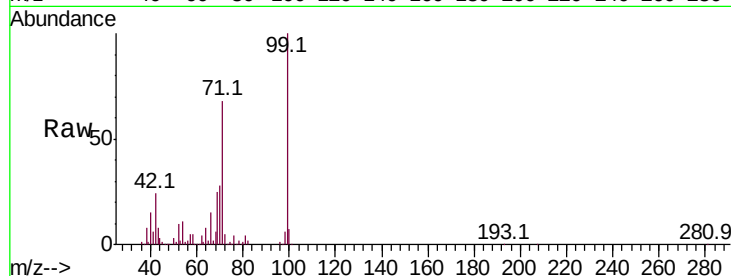
Tot Ion: 99 Resp: 549295

Ion Ratio Lower Upper

99 100

42 24.4 11.0 16.4#

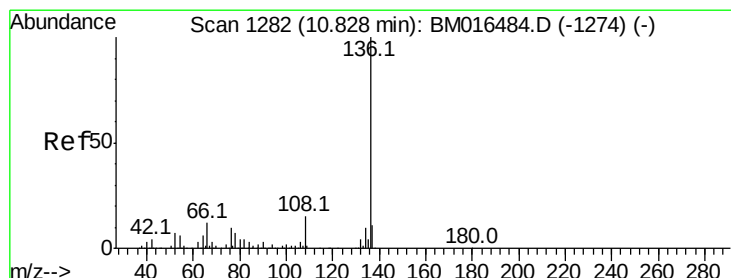
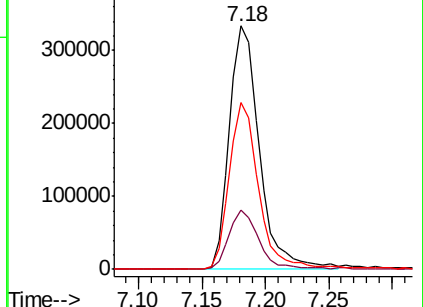
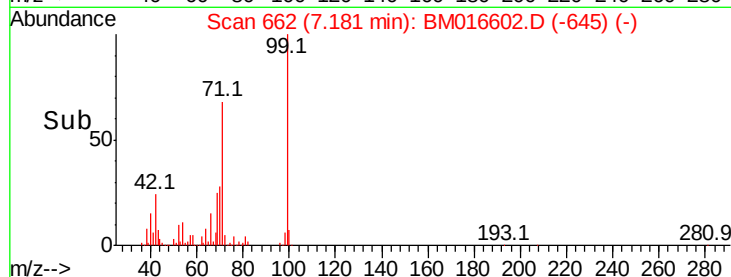
71 68.4 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016602.D (-645) (-)

Ion 42.00 (41.70 to 42.70): BM016602.D (-645) (-)

Ion 71.00 (70.70 to 71.70): BM016602.D (-645) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.81 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BM016602.D

Acq: 27 Aug 2018 12:26

Tgt Ion: 136 Resp: 300894

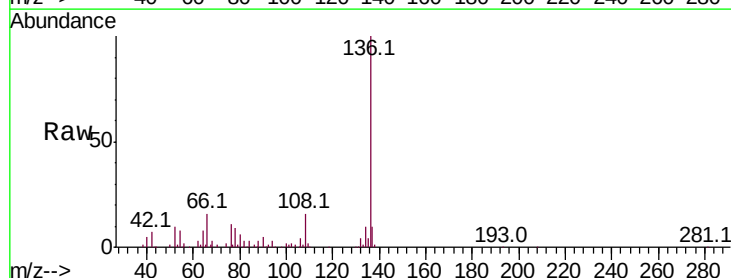
Ion Ratio Lower Upper

136 100

137 10.1 8.7 13.1

54 8.0 4.6 6.8#

68 3.2 3.7 5.5#

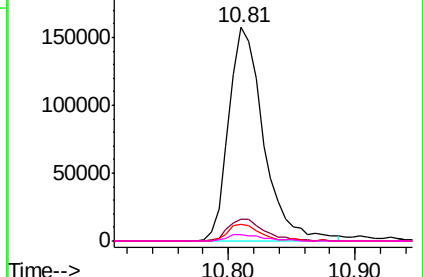
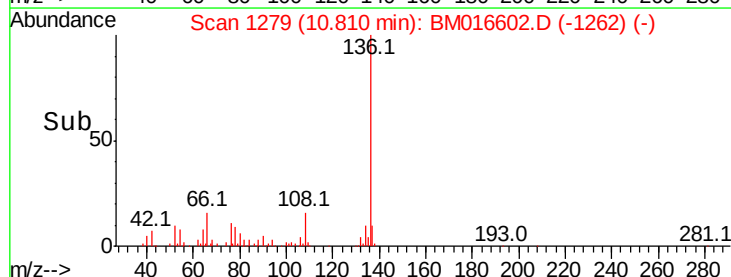


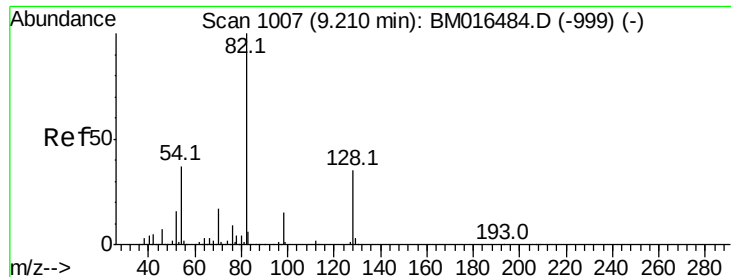
Abundance Ion 136.00 (135.70 to 136.70): BM016602.D (-1262) (-)

Ion 137.00 (136.70 to 137.70): BM016602.D (-1262) (-)

Ion 54.00 (53.70 to 54.70): BM016602.D (-1262) (-)

Ion 68.00 (67.70 to 68.70): BM016602.D (-1262) (-)

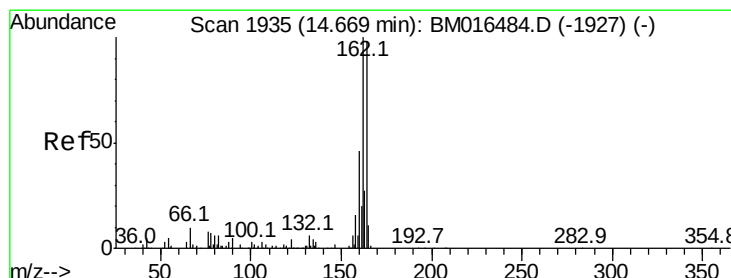
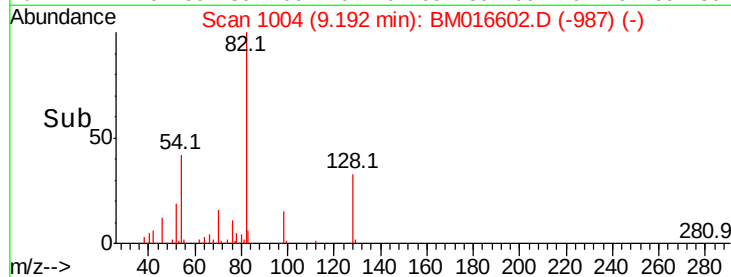
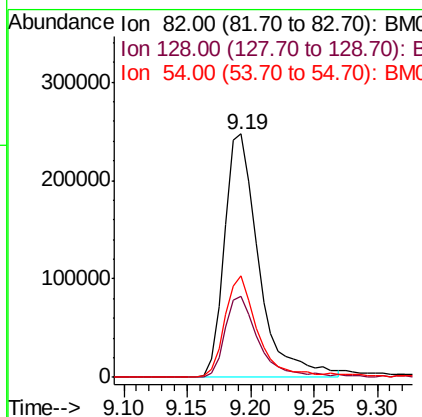
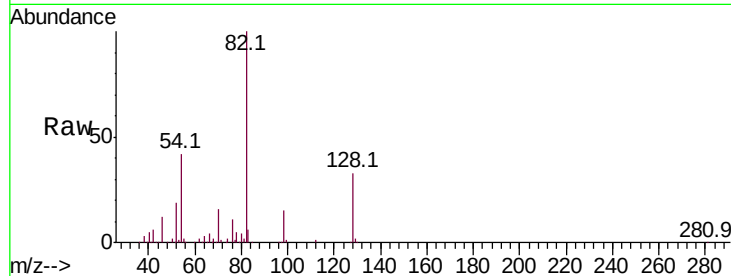




#23
Nitrobenzene-d5
Concen: 70.641 ng
RT: 9.19 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BM016602.D
Acq: 27 Aug 2018 12:26

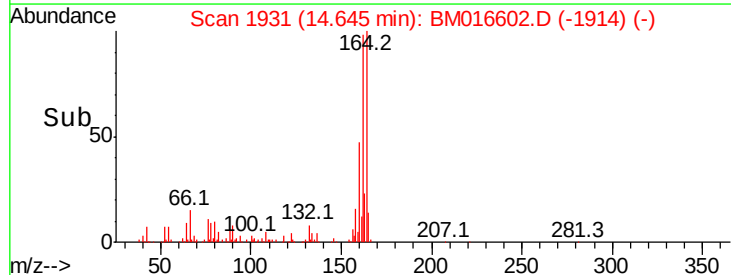
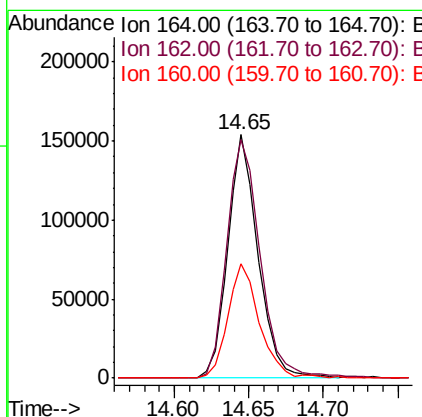
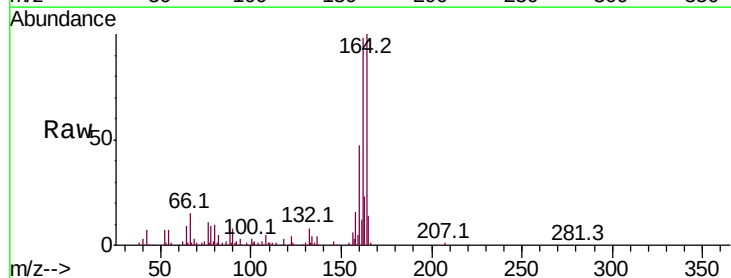
Instrument :
BNA_M
ClientSampleId :
BYR-2-E(9-10)

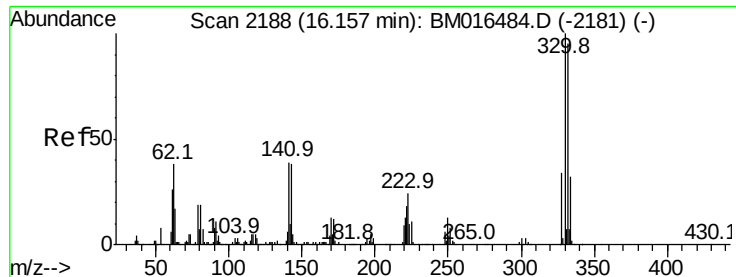
Tot Ion	82	Resp	465523
Ion Ratio	Lower	Upper	
82	100		
128	33.3	32.8	49.2
54	41.6	40.6	60.8



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1931
Delta R.T. 0.00 min
Lab File: BM016602.D
Acq: 27 Aug 2018 12:26

Tgt Ion	164	Resp	218359
Ion Ratio	Lower	Upper	
164	100		
162	98.0	82.4	123.6
160	46.7	35.8	53.6

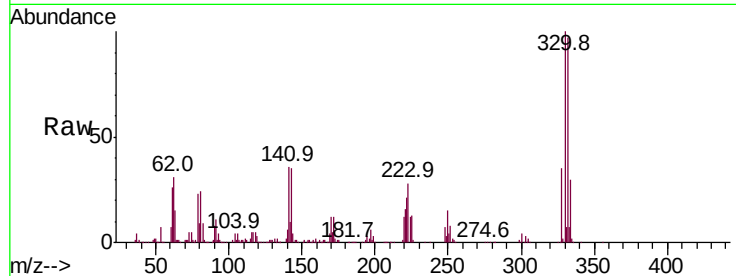




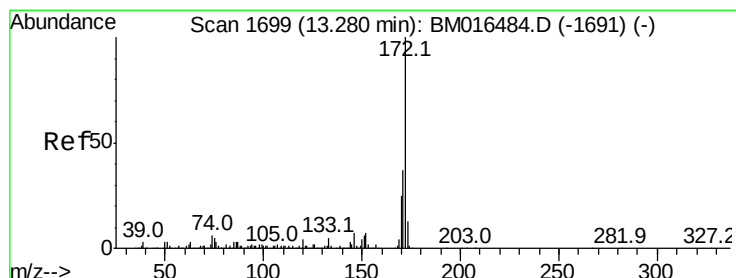
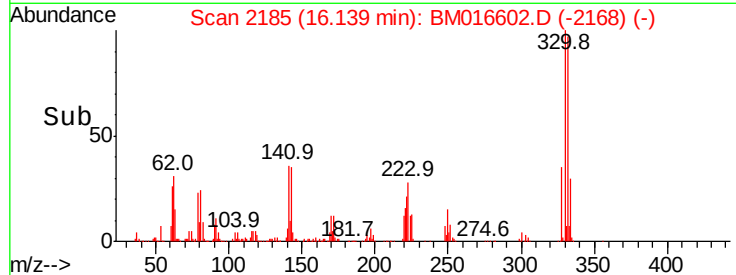
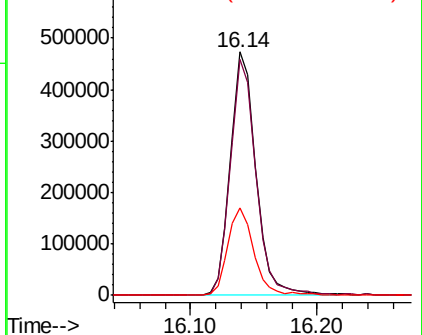
#41
 2,4,6-Tribromophenol
 Concen: 108.113 ng
 RT: 16.14 min Scan# 2185
 Delta R.T. 0.00 min
 Lab File: BM016602.D
 Acq: 27 Aug 2018 12:26

Instrument :
 BNA_M
 ClientSampleId :
 BYR-2-E(9-10)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	0.0	0.0#
141	36.7	0.0	0.0#

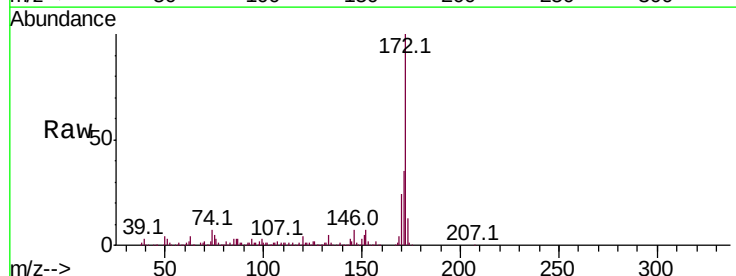


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

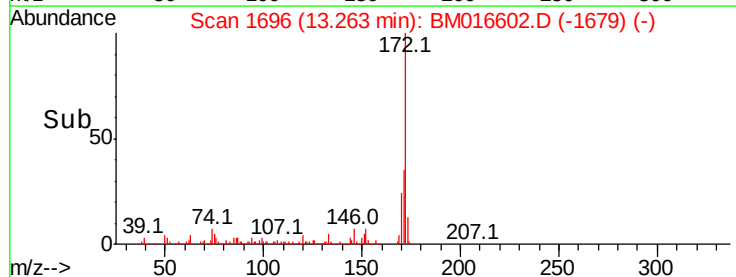
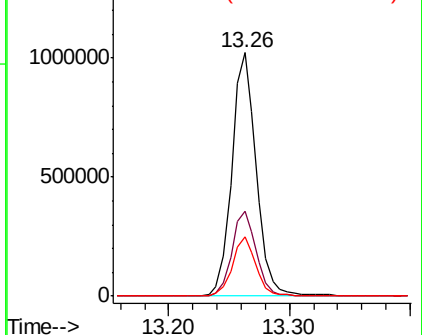


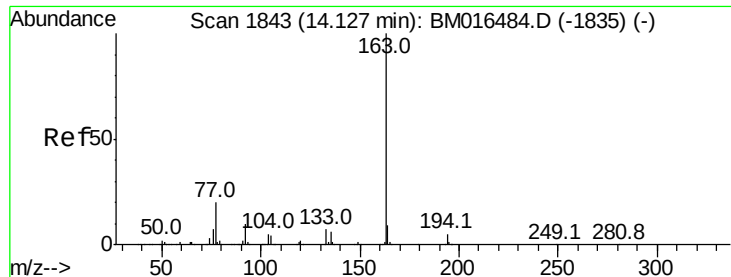
#44
 2-Fluorobiphenyl
 Concen: 63.296 ng
 RT: 13.26 min Scan# 1696
 Delta R.T. 0.00 min
 Lab File: BM016602.D
 Acq: 27 Aug 2018 12:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.5	42.7
170	24.4	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

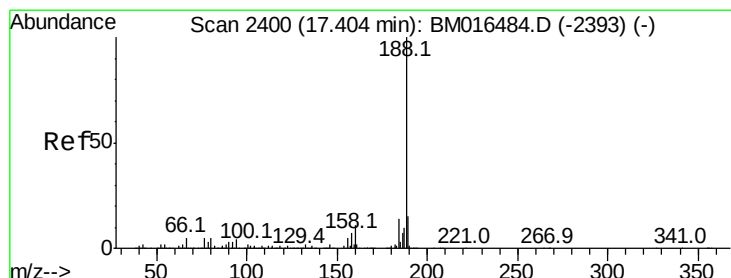
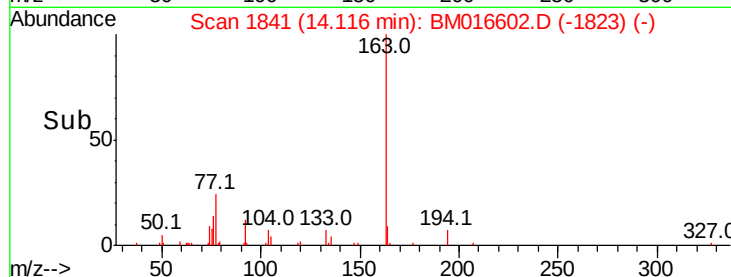
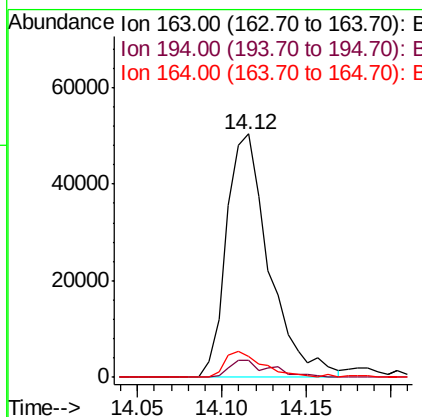
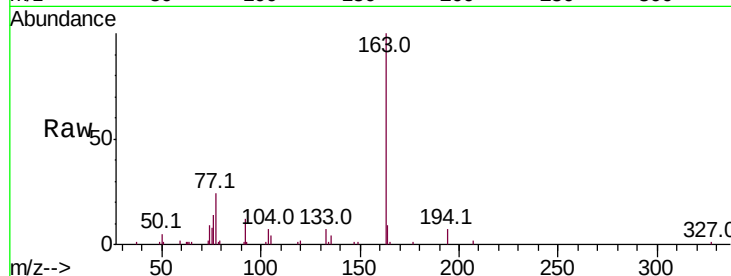




#49
Dimethylphthalate
Concen: 4.219 ng
RT: 14.12 min Scan# 1841
Delta R.T. 0.01 min
Lab File: BM016602.D
Acq: 27 Aug 2018 12:26

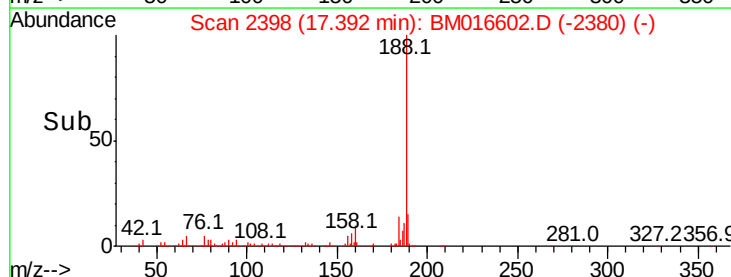
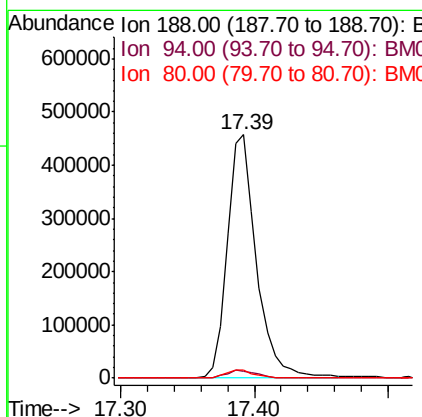
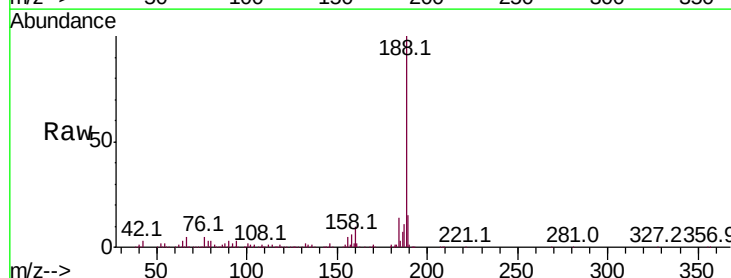
Instrument :
BNA_M
ClientSampleId :
BYR-2-E(9-10)

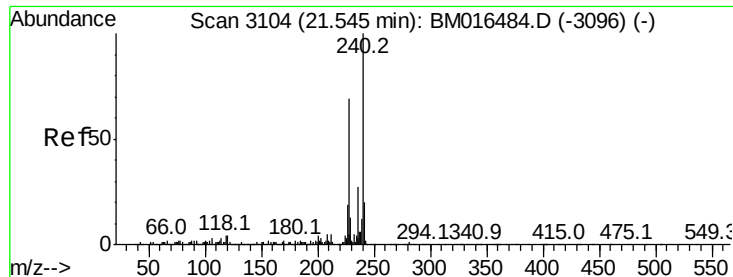
Tot Ion	Ratio	Lower	Upper
163	100		
194	7.2	2.7	4.1#
164	8.6	8.2	12.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2398
Delta R.T. 0.01 min
Lab File: BM016602.D
Acq: 27 Aug 2018 12:26

Tgt Ion	Ratio	Lower	Upper
188	100		
94	2.7	8.7	13.1#
80	3.1	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: BM016602.D

Acq: 27 Aug 2018 12:26

Instrument :

BNA_M

ClientSampleId :

BYR-2-E(9-10)

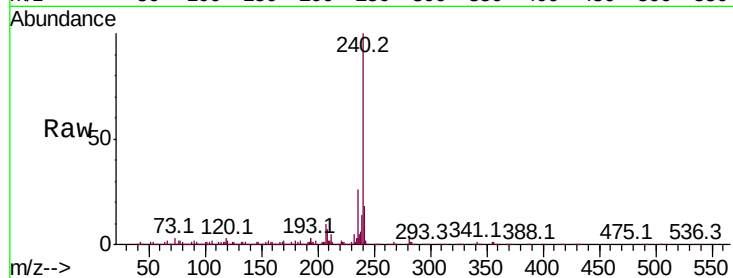
Tot Ion:240 Resp: 972524

Ion Ratio Lower Upper

240 100

120 2.4 8.2 12.2#

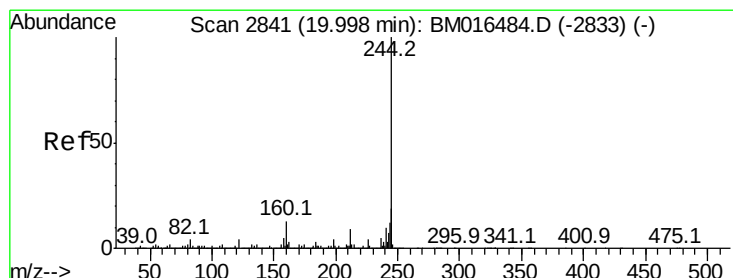
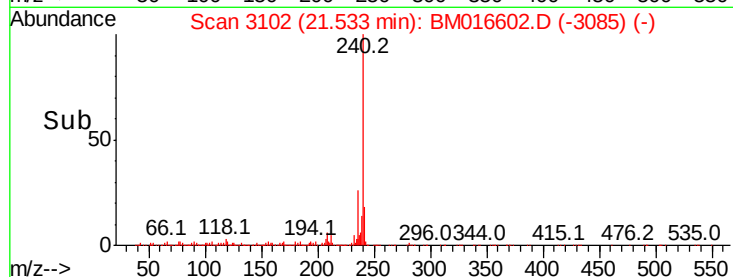
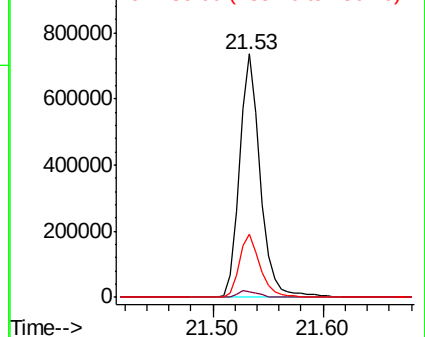
236 26.1 20.0 30.0



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: 80.200 ng

RT: 19.98 min Scan# 2838

Delta R.T. 0.00 min

Lab File: BM016602.D

Acq: 27 Aug 2018 12:26

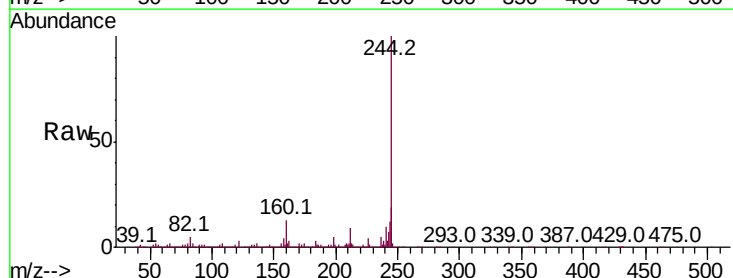
Tgt Ion:244 Resp: 3685026

Ion Ratio Lower Upper

244 100

212 9.3 4.9 7.3#

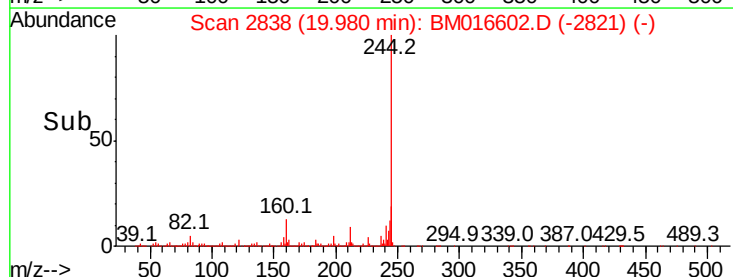
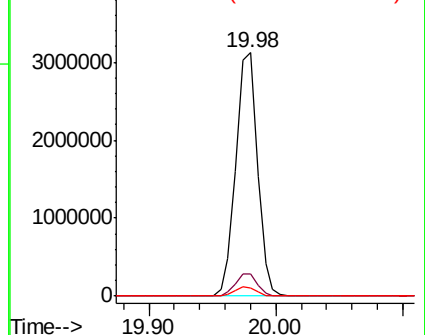
122 3.1 6.2 9.4#

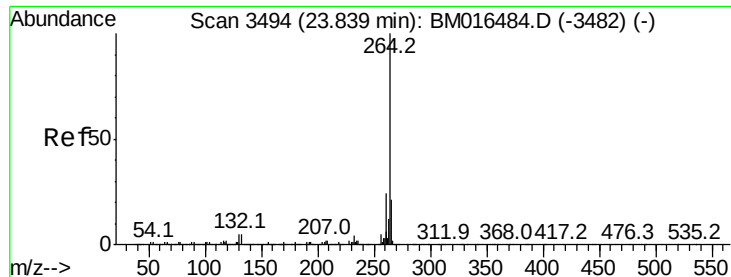


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



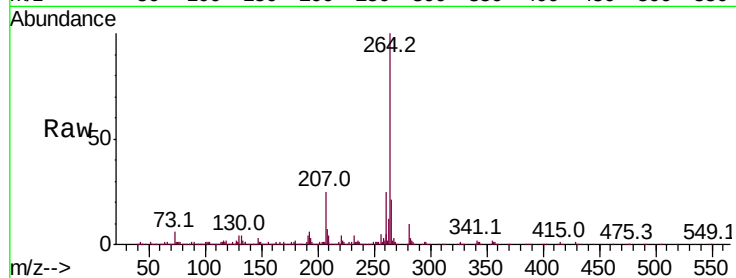


#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.82 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: BM016602.D
 Acq: 27 Aug 2018 12:26

Instrument :
 BNA_M
 ClientSampleId :
 BYR-2-E(9-10)

Tot Ion:264 Resp: 1104018

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.6	27.8
265	21.4	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

