

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082718\
 Data File : BM016612.D
 Acq On : 27 Aug 2018 18:28
 Operator : SJ/JU
 Sample : J4618-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 28 03:56:02 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	106898	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	372643	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	288820	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	1086498	20.00	ng	0.00
75) Chrysene-d12	21.53	240	1596650	20.00	ng	0.00
86) Perylene-d12	23.81	264	1709071	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	206562	37.87	ng	0.00
7) Phenol-d6	7.19	99	148537	20.58	ng	0.00
23) Nitrobenzene-d5	9.19	82	520931	63.83	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	858538	106.34	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	1740235	57.92	ng	0.00
78) Terphenyl-d14	19.98	244	5962403	79.04	ng	0.00

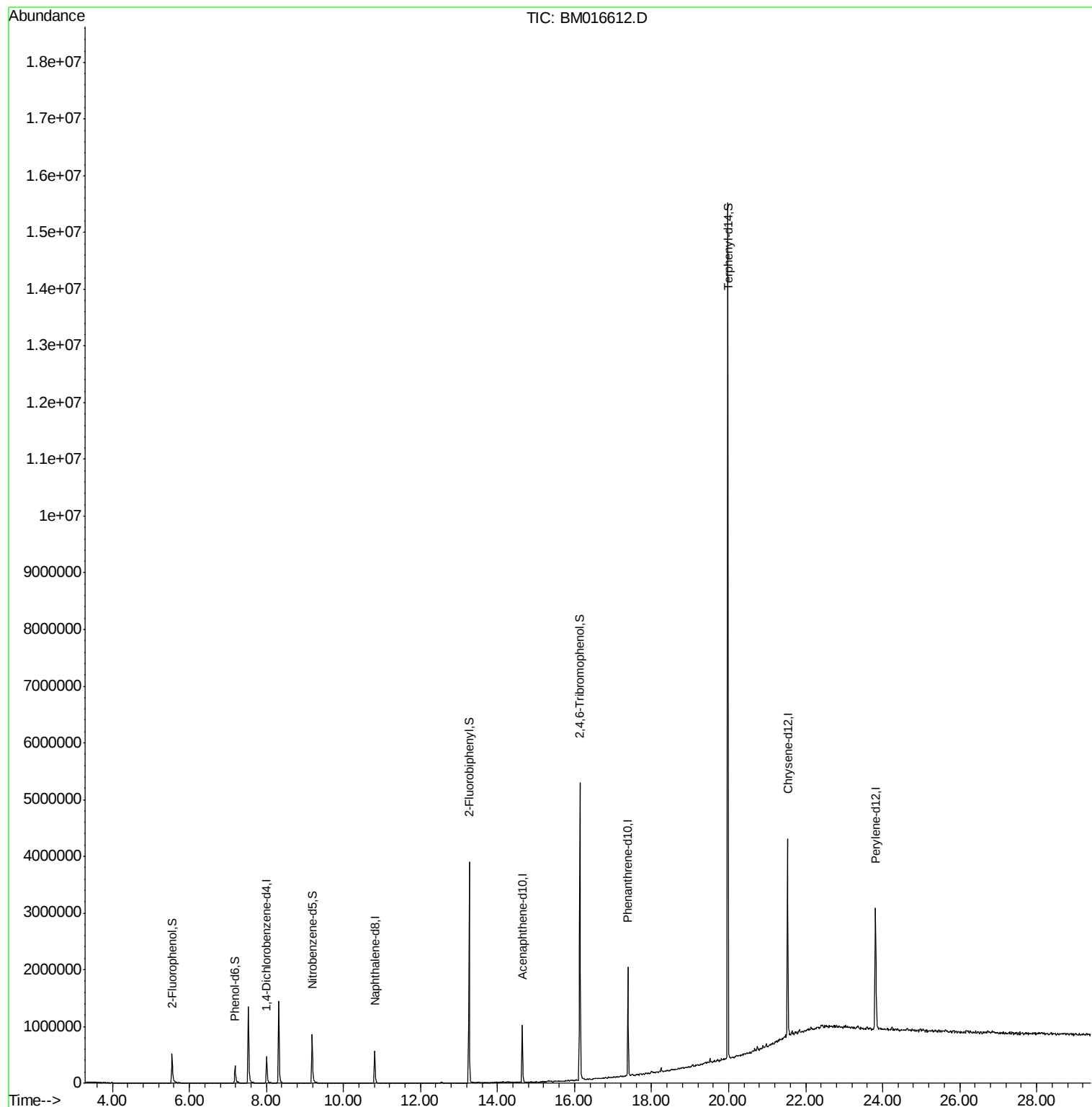
Target Compounds Qvalue

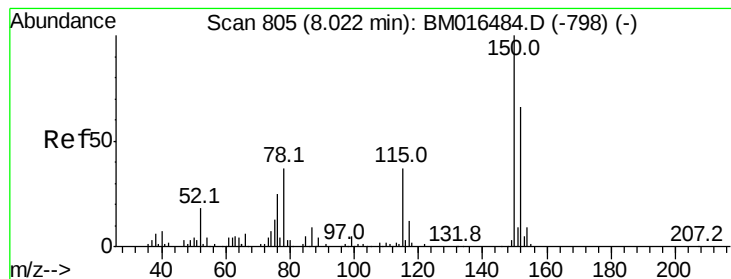
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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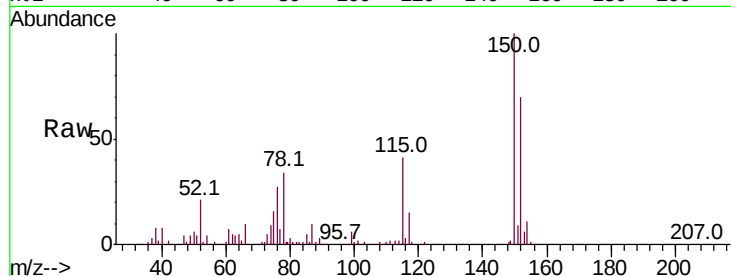


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.00 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BM016612.D
 Acq: 27 Aug 2018 18:28

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.9	119.5	179.3
115	58.9	43.0	64.4

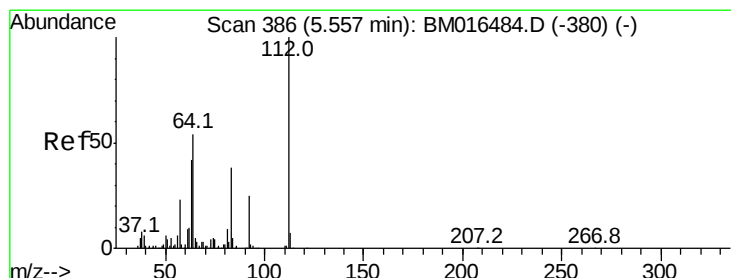
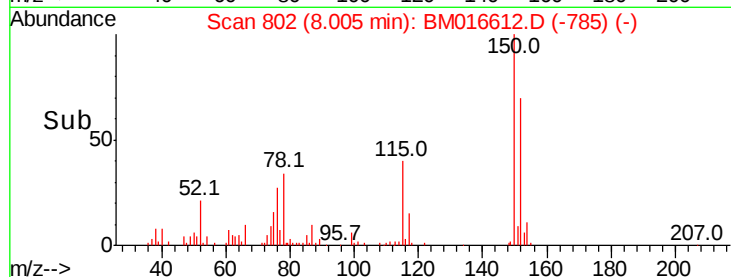
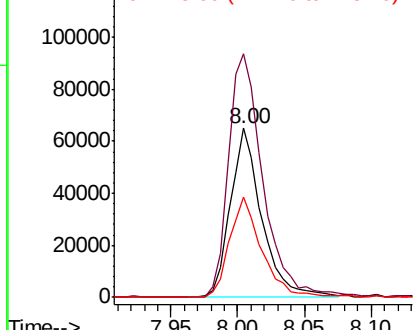


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

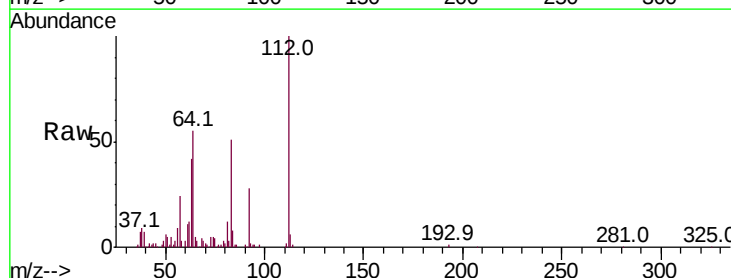
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 37.866 ng
 RT: 5.55 min Scan# 385
 Delta R.T. 0.01 min
 Lab File: BM016612.D
 Acq: 27 Aug 2018 18:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.3	38.6	57.8
63	41.6	19.3	28.9

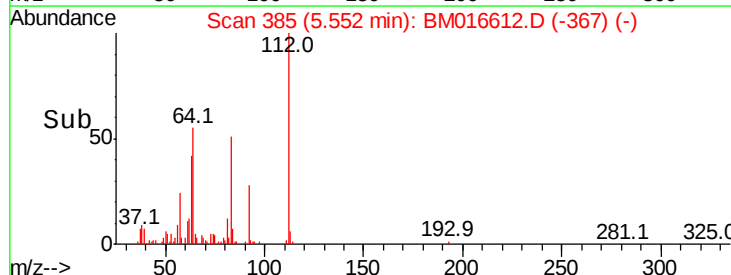
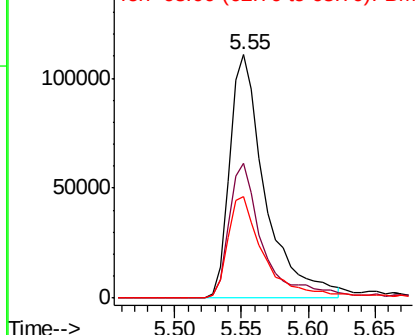


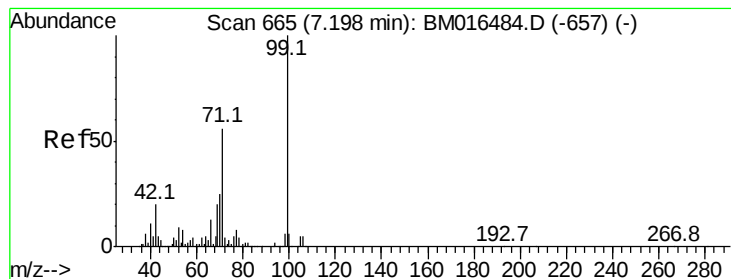
Abundance

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: 20.577 ng

RT: 7.19 min Scan# 663

Delta R.T. 0.01 min

Lab File: BM016612.D

Acq: 27 Aug 2018 18:28

Instrument :

BNA_M

ClientSampleId :

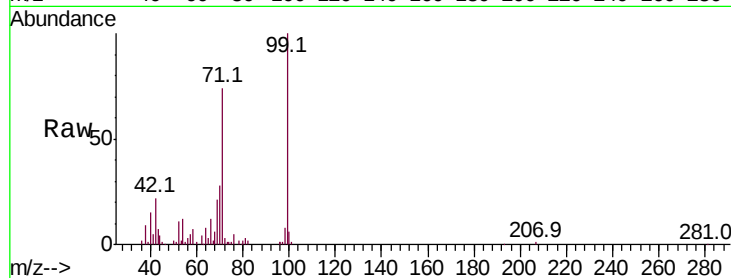
Tot Ion: 99 Resp: 148537

Ion Ratio Lower Upper

99 100

42 22.3 11.0 16.4#

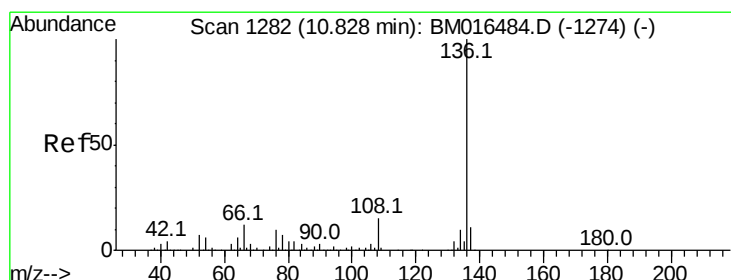
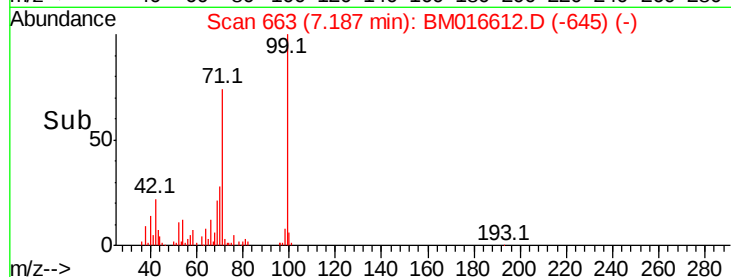
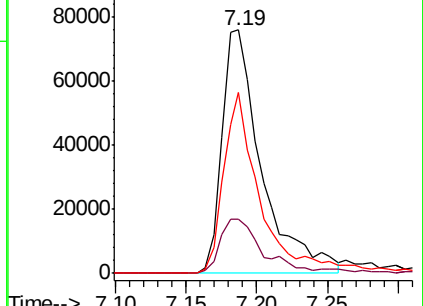
71 74.5 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016612.D (-645) (-)

Ion 42.00 (41.70 to 42.70): BM016612.D (-645) (-)

Ion 71.00 (70.70 to 71.70): BM016612.D (-645) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.81 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BM016612.D

Acq: 27 Aug 2018 18:28

Tgt Ion: 136 Resp: 372643

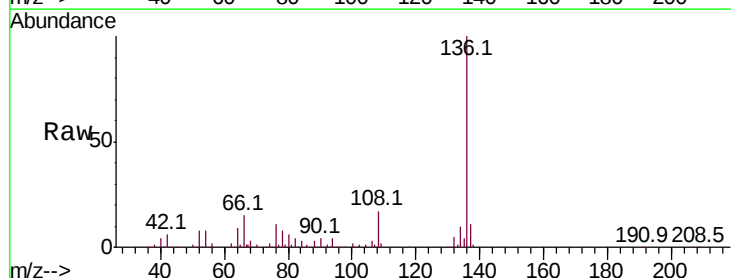
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 7.9 4.6 6.8#

68 3.1 3.7 5.5#

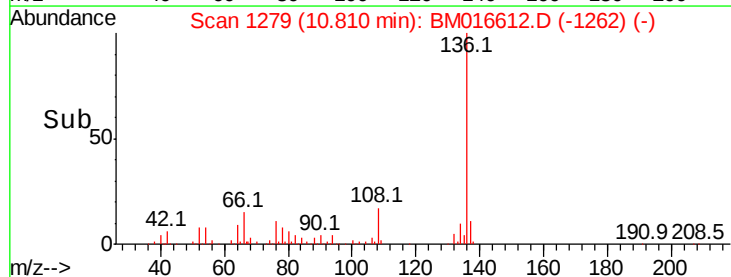
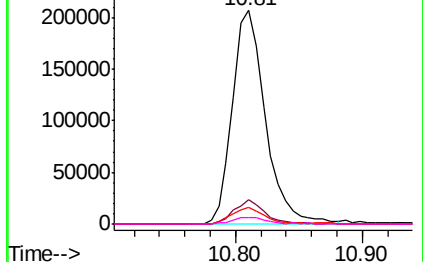


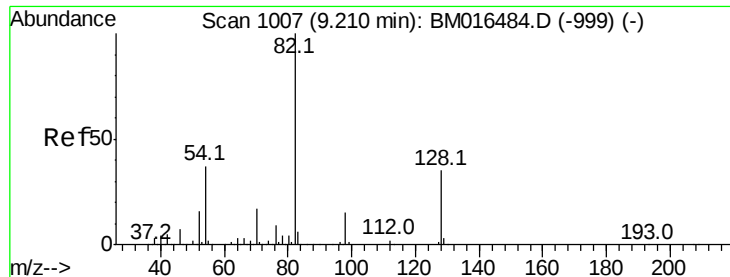
Abundance Ion 136.00 (135.70 to 136.70): BM016612.D (-1262) (-)

Ion 137.00 (136.70 to 137.70): BM016612.D (-1262) (-)

Ion 54.00 (53.70 to 54.70): BM016612.D (-1262) (-)

Ion 68.00 (67.70 to 68.70): BM016612.D (-1262) (-)

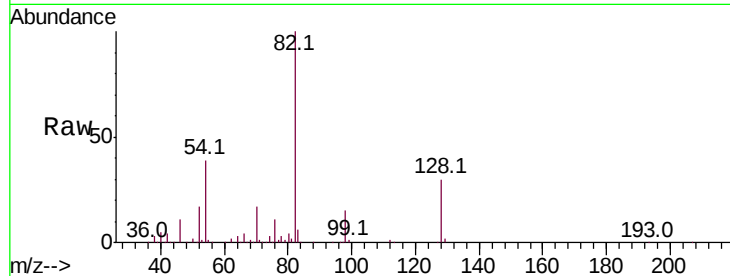




#23
Nitrobenzene-d5
Concen: 63.828 ng
RT: 9.19 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BM016612.D
Acq: 27 Aug 2018 18:28

Instrument :
BNA_M
ClientSampleId :

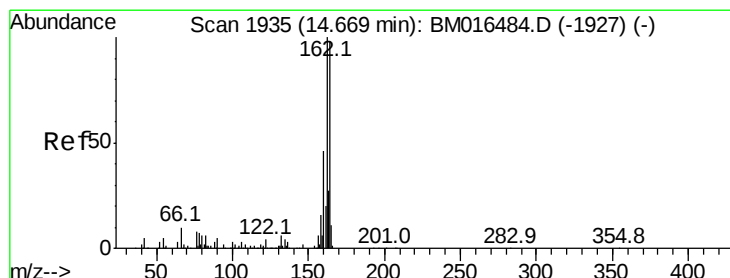
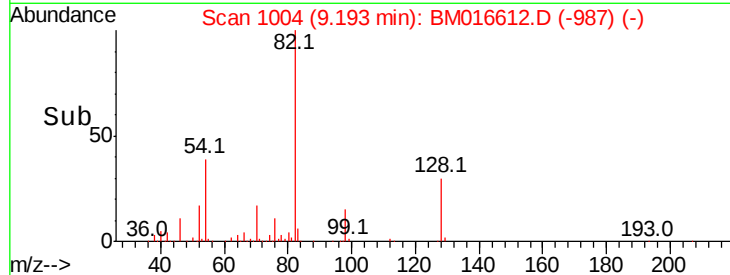
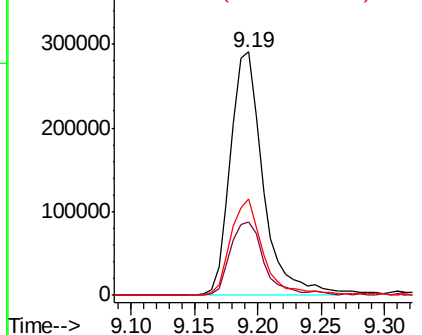
Tot Ion	Ratio	Lower	Upper
82	100		
128	30.1	32.8	49.2#
54	39.4	40.6	60.8#



Abundance Ion 82.00 (81.70 to 82.70): BM016612.D (-987) (-)

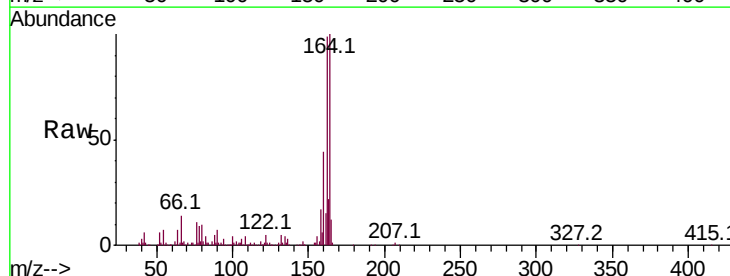
Ion 128.00 (127.70 to 128.70): BM016612.D (-987) (-)

Ion 54.00 (53.70 to 54.70): BM016612.D (-987) (-)



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1931
Delta R.T. 0.00 min
Lab File: BM016612.D
Acq: 27 Aug 2018 18:28

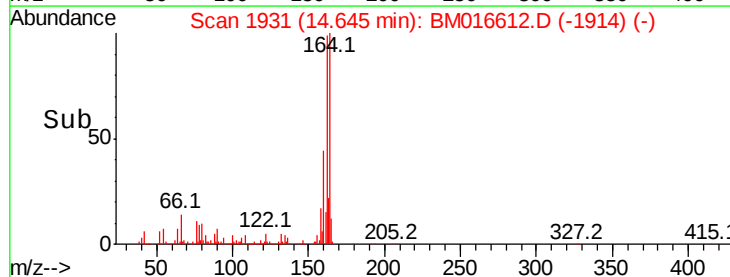
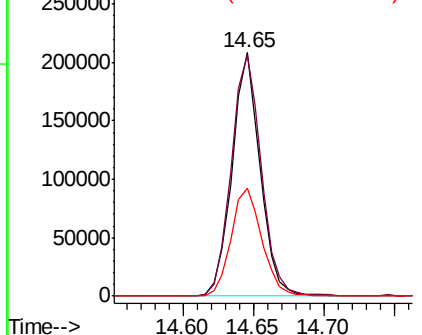
Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.9	82.4	123.6
160	44.2	35.8	53.6

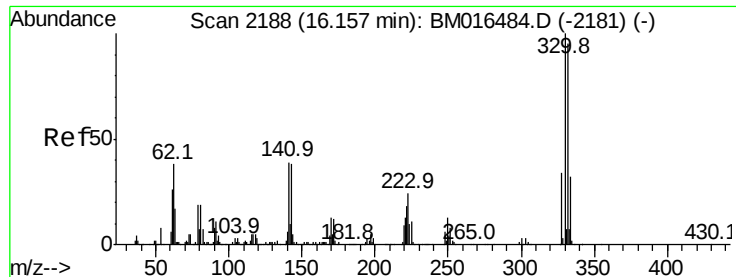


Abundance Ion 164.00 (163.70 to 164.70): BM016612.D (-1914) (-)

Ion 162.00 (161.70 to 162.70): BM016612.D (-1914) (-)

Ion 160.00 (159.70 to 160.70): BM016612.D (-1914) (-)

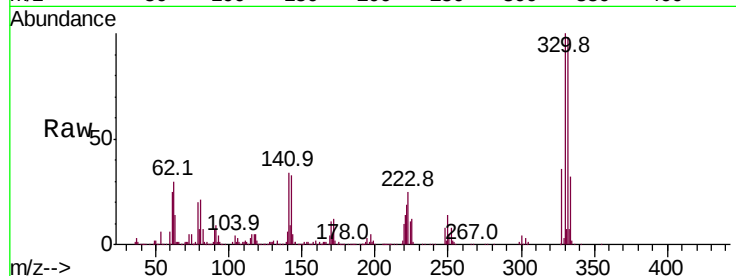




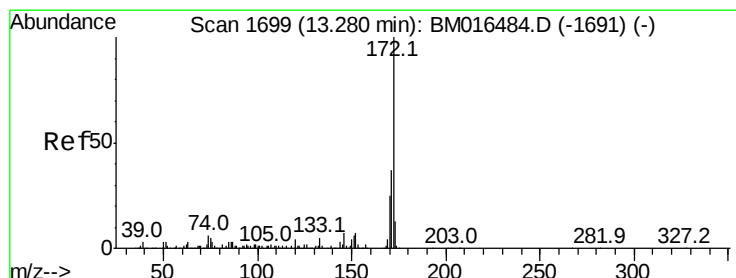
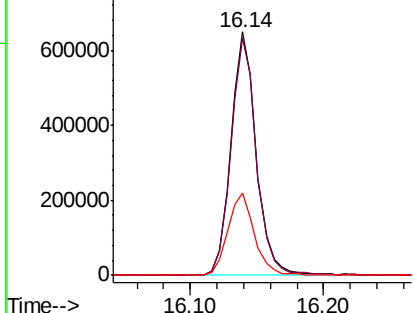
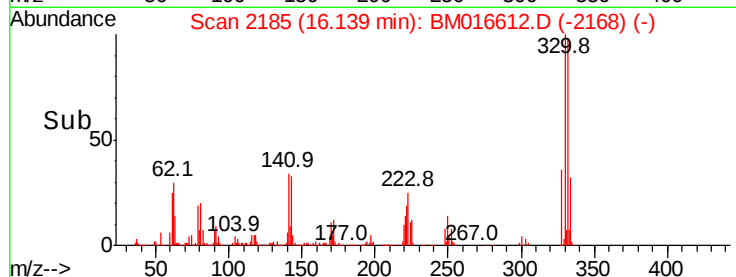
#41
2,4,6-Tribromophenol
Concen: 106.337 ng
RT: 16.14 min Scan# 2185
Delta R.T. 0.00 min
Lab File: BM016612.D
Acq: 27 Aug 2018 18:28

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	0.0	0.0#
141	35.5	0.0	0.0#

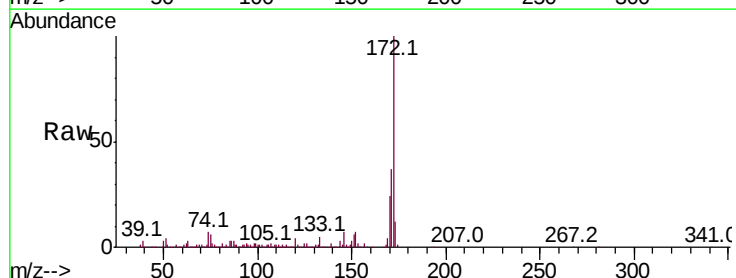


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

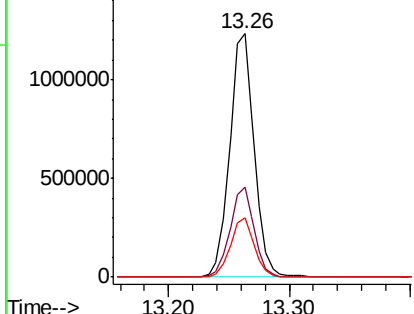
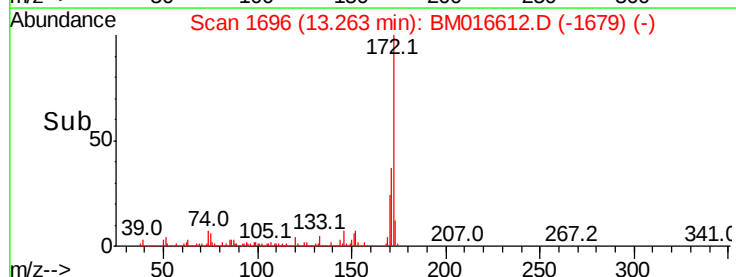


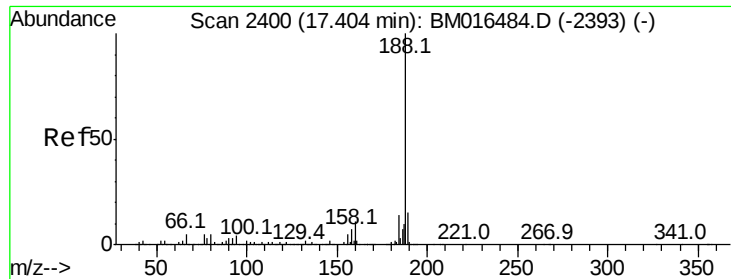
#44
2-Fluorobiphenyl
Concen: 57.917 ng
RT: 13.26 min Scan# 1696
Delta R.T. 0.00 min
Lab File: BM016612.D
Acq: 27 Aug 2018 18:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	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

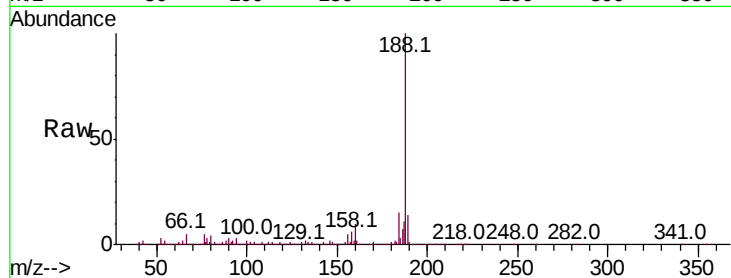




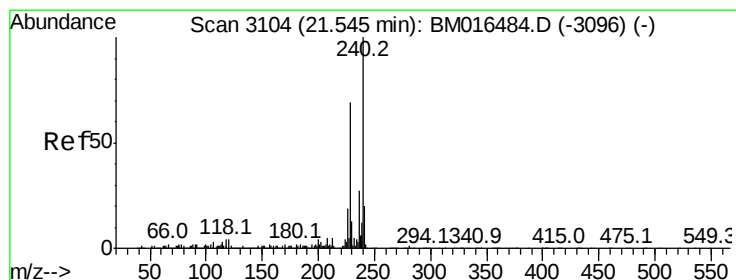
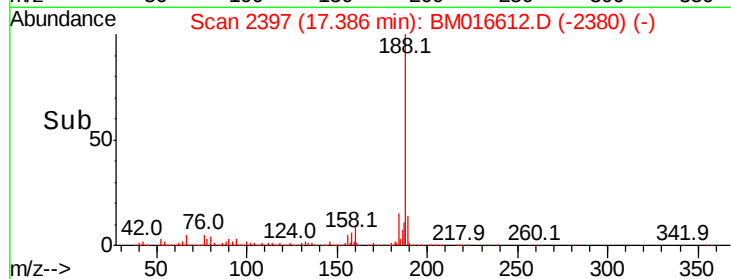
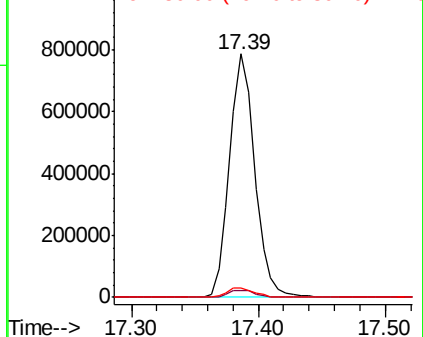
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2397
Delta R.T. 0.00 min
Lab File: BM016612.D
Acq: 27 Aug 2018 18:28

Instrument :
BNA_M
ClientSampleId :

Tot Ion:188 Resp: 1086498
Ion Ratio Lower Upper
188 100
94 2.9 8.7 13.1#
80 3.8 9.3 13.9#

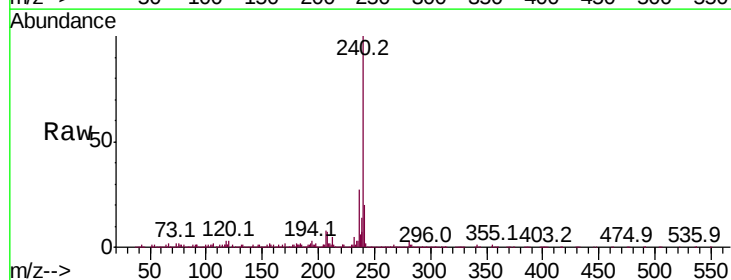


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

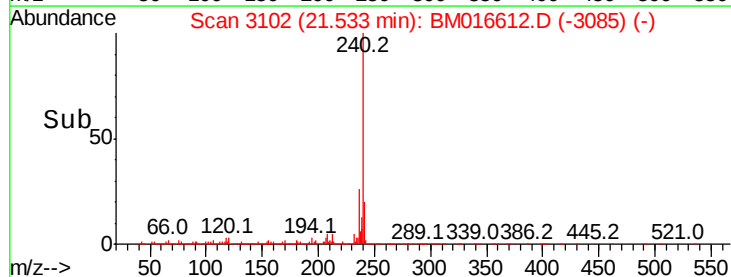
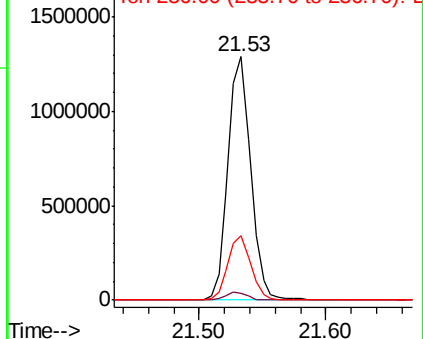


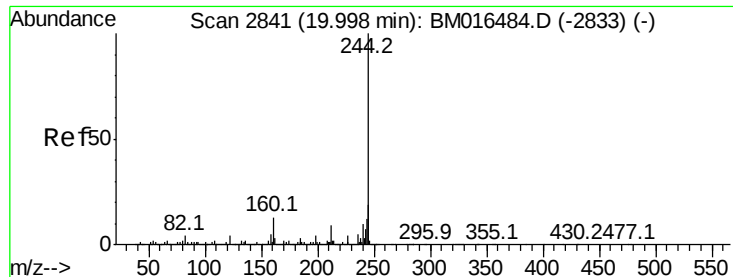
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.53 min Scan# 3102
Delta R.T. 0.00 min
Lab File: BM016612.D
Acq: 27 Aug 2018 18:28

Tgt Ion:240 Resp: 1596650
Ion Ratio Lower Upper
240 100
120 3.0 8.2 12.2#
236 26.5 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: 79.040 ng

RT: 19.98 min Scan# 2838

Delta R.T. 0.00 min

Lab File: BM016612.D

Acq: 27 Aug 2018 18:28

Instrument :

BNA_M

ClientSampleId :

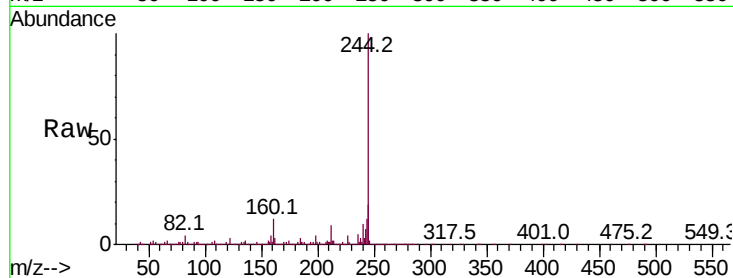
Tot Ion:244 Resp: 5962403

Ion Ratio Lower Upper

244 100

212 9.1 4.9 7.3#

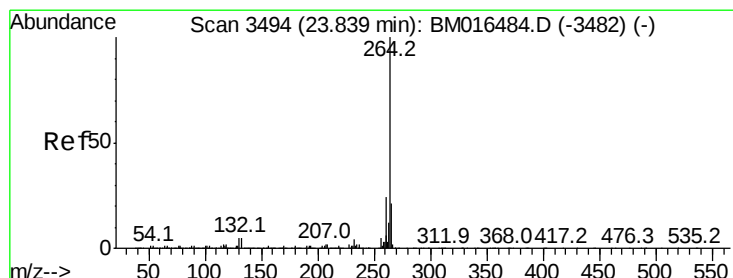
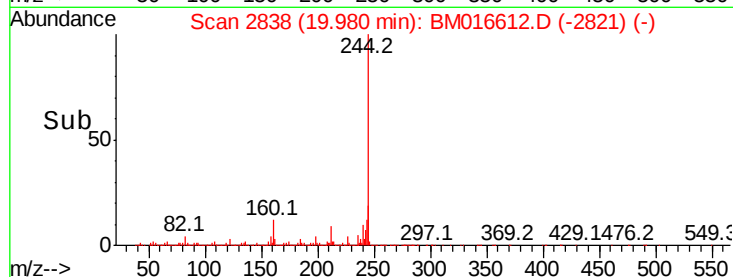
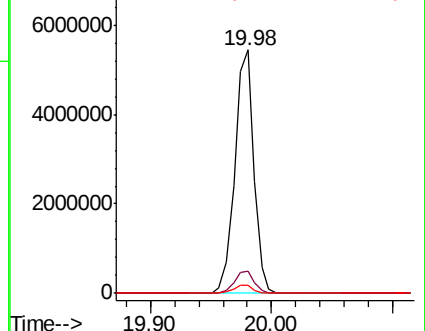
122 3.3 6.2 9.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 23.81 min Scan# 3489

Delta R.T. -0.01 min

Lab File: BM016612.D

Acq: 27 Aug 2018 18:28

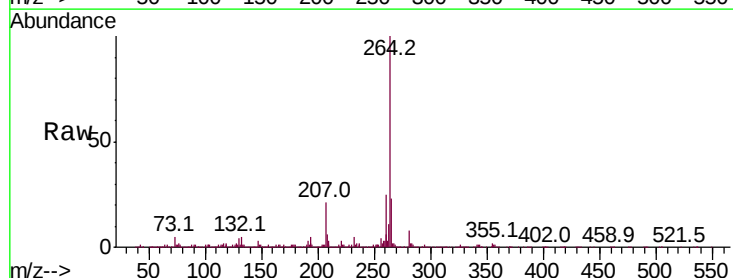
Tgt Ion:264 Resp: 1709071

Ion Ratio Lower Upper

264 100

260 24.5 18.6 27.8

265 22.9 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

