

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082718\
 Data File : BM016632.D
 Acq On : 28 Aug 2018 08:22
 Operator : SJ/JU
 Sample : J4652-04DL 10X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 28 08:54:46 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	8.03	152	8487	20.00	ng	0.03
21) Naphthalene-d8	10.83	136	27862	20.00	ng	0.02
38) Acenaphthene-d10	14.65	164	23290	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	85250	20.00	ng	0.01
75) Chrysene-d12	21.54	240	113336	20.00	ng	0.00
86) Perylene-d12	23.83	264	121610	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	10239	23.64	ng	0.04
7) Phenol-d6	7.22	99	9060	15.81	ng	0.04
23) Nitrobenzene-d5	9.21	82	39996	65.54	ng	0.02
41) 2,4,6-Tribromophenol	16.14	330	68297	104.90	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	151050	62.34	ng	0.00
78) Terphenyl-d14	19.97	244	493033	92.07	ng	0.00

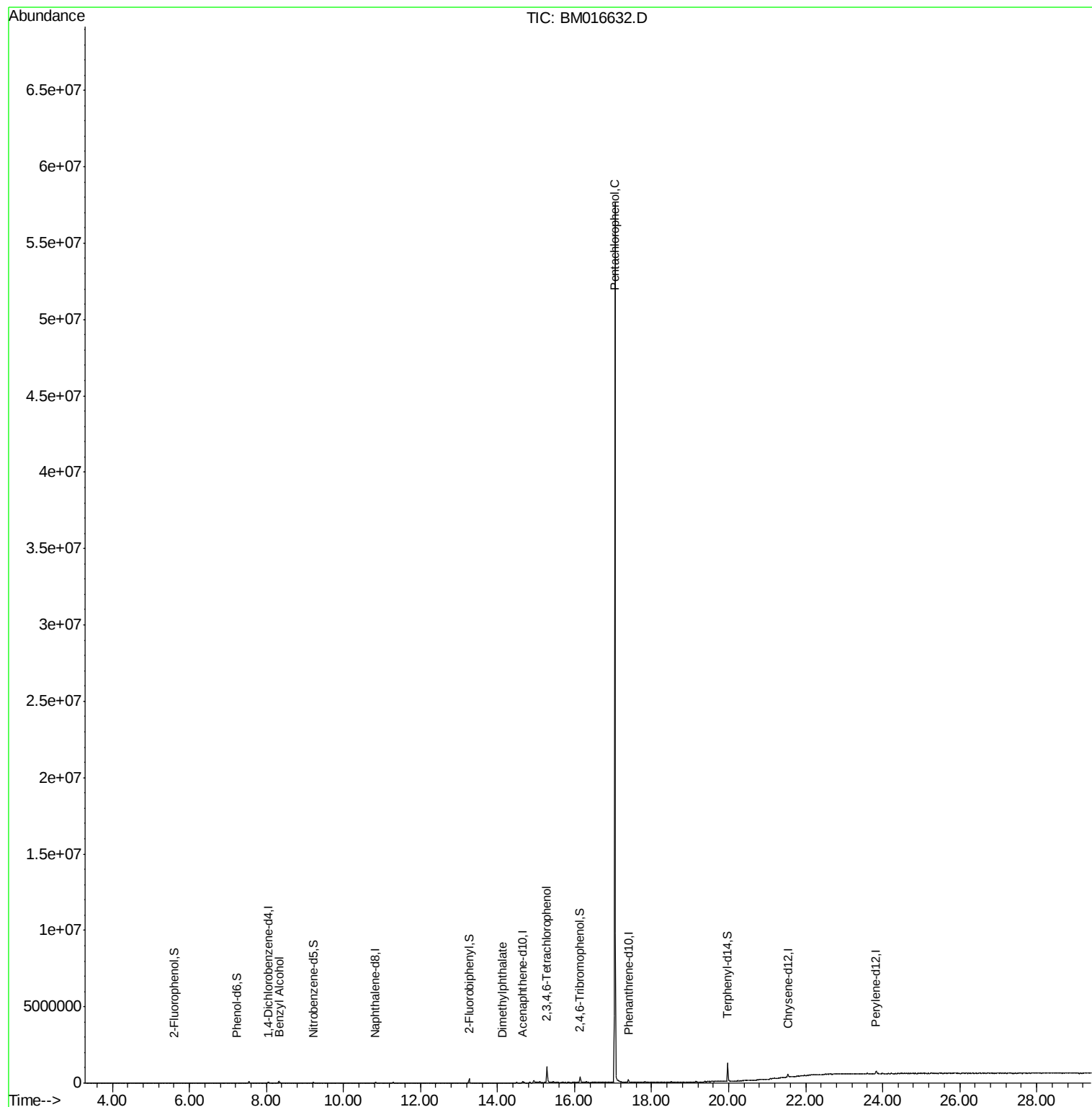
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	8.32	79	1115	2.095	ng	# 64
49) Dimethylphthalate	14.13	163	6005	2.684	ng	# 78
58) 2,3,4,6-Tetrachlorophenol	15.28	232	253603	343.415	ng	# 100
69) Pentachlorophenol	17.05	266	9014098	11152.564	ng	99

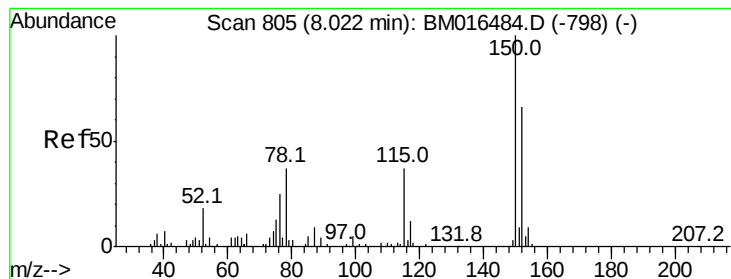
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082718\
Data File : BM016632.D
Acq On : 28 Aug 2018 08:22
Operator : SJ/JU
Sample : J4652-04DL 10X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Aug 28 08:54:46 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



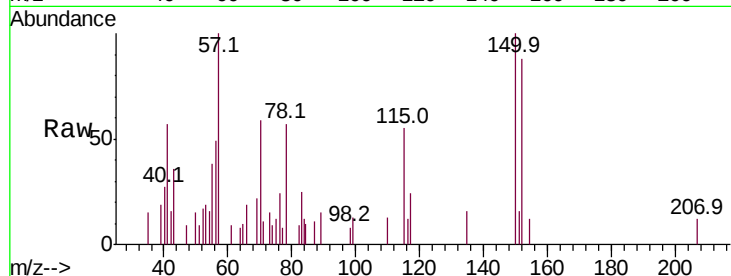


#1

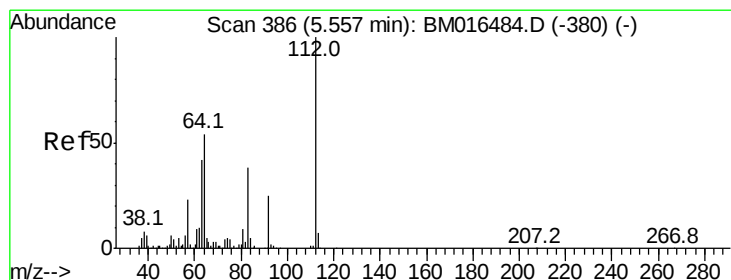
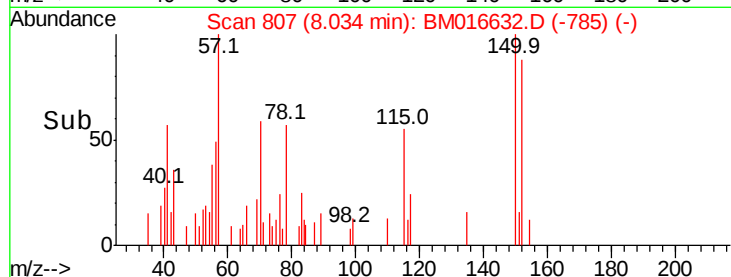
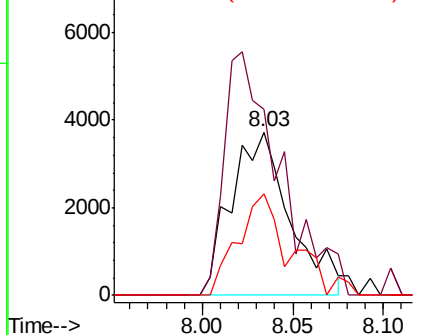
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. 0.03 min
Lab File: BM016632.D
Acq: 28 Aug 2018 08:22

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 8487
Ion Ratio Lower Upper
152 100
150 113.5 119.5 179.3#
115 62.4 43.0 64.4



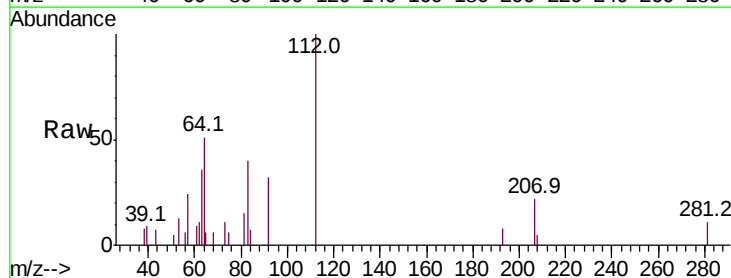
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



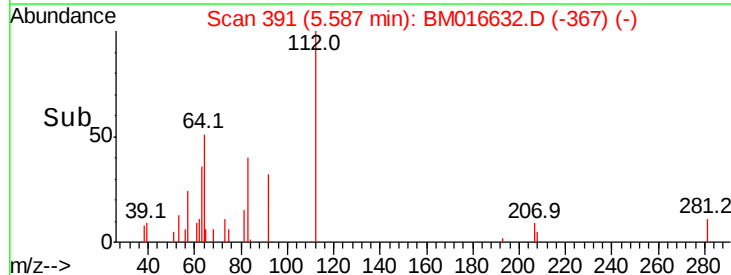
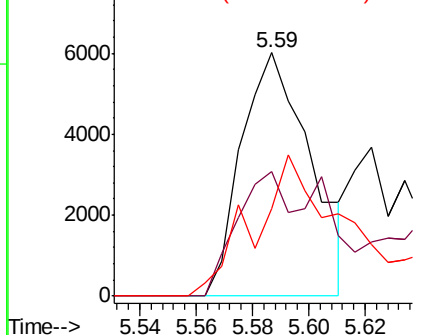
#5

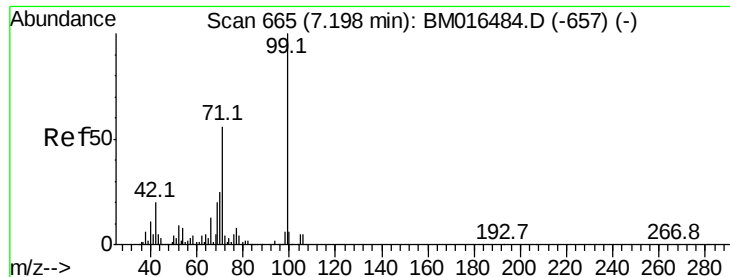
2-Fluorophenol
Concen: 23.641 ng
RT: 5.59 min Scan# 391
Delta R.T. 0.04 min
Lab File: BM016632.D
Acq: 28 Aug 2018 08:22

Tgt Ion:112 Resp: 10239
Ion Ratio Lower Upper
112 100
64 51.4 38.6 57.8
63 35.8 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: 15.808 ng

RT: 7.22 min Scan# 669

Delta R.T. 0.04 min

Lab File: BM016632.D

Acq: 28 Aug 2018 08:22

Instrument :

BNA_M

ClientSampleId :

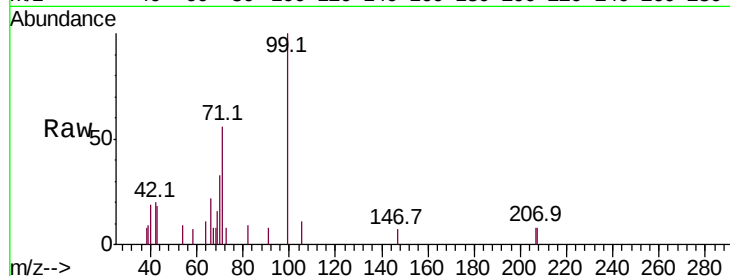
Tot Ion: 99 Resp: 9060

Ion Ratio Lower Upper

99 100

42 20.5 11.0 16.4#

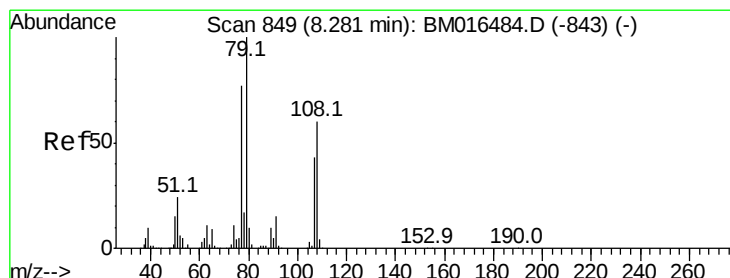
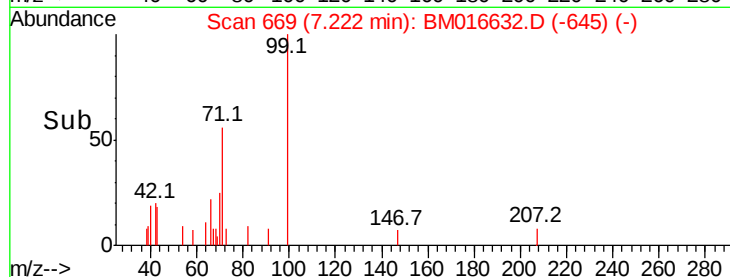
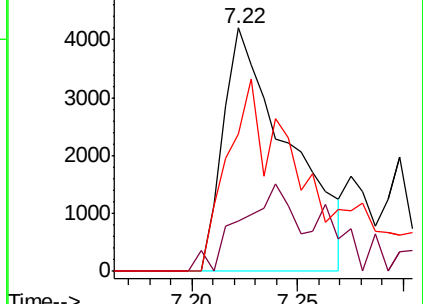
71 56.2 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016632.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BM016632.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BM016632.D (-657) (-)



#15

Benzyl Alcohol

Concen: 2.095 ng

RT: 8.32 min Scan# 856

Delta R.T. 0.05 min

Lab File: BM016632.D

Acq: 28 Aug 2018 08:22

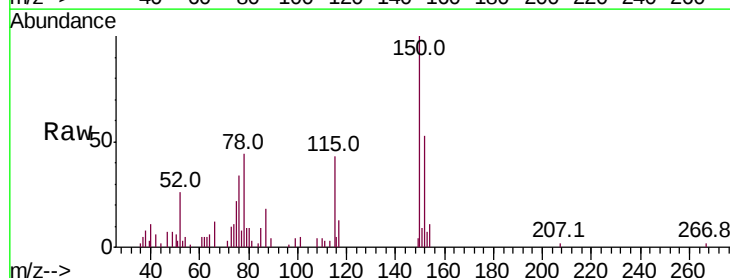
Tgt Ion: 79 Resp: 1115

Ion Ratio Lower Upper

79 100

108 50.0 65.0 97.4#

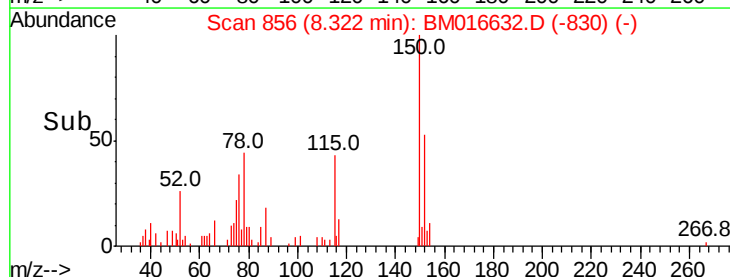
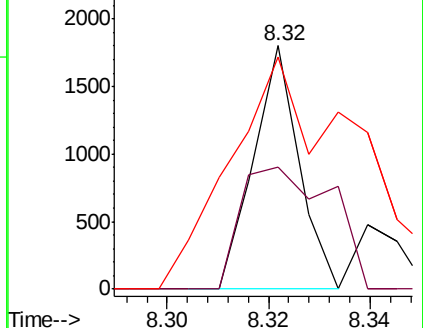
77 95.5 53.0 79.6#

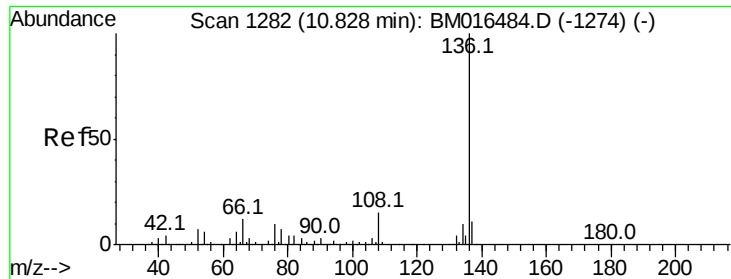


Abundance Ion 79.00 (78.70 to 79.70): BM016632.D (-830) (-)

Ion 108.00 (107.70 to 108.70): BM016632.D (-830) (-)

Ion 77.00 (76.70 to 77.70): BM016632.D (-830) (-)

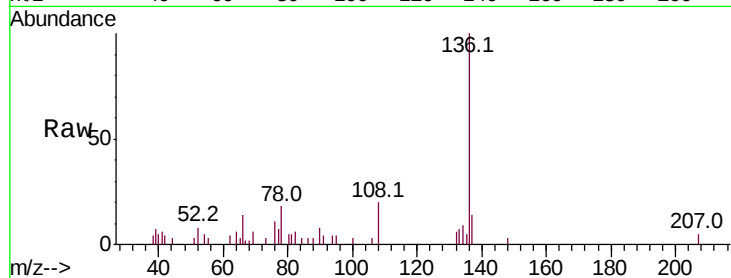




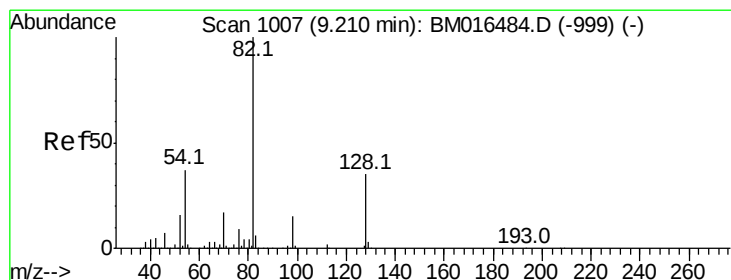
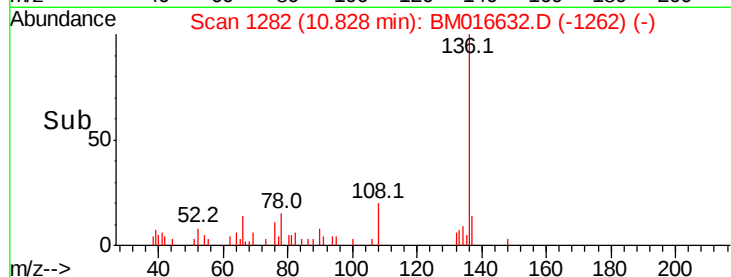
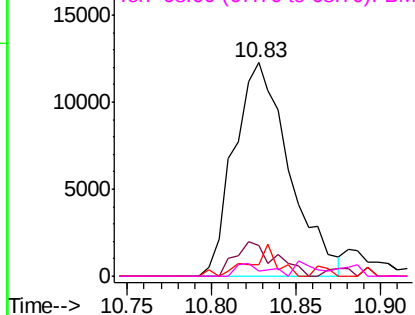
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1282
Delta R.T. 0.02 min
Lab File: BM016632.D
Acq: 28 Aug 2018 08:22

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	136	Resp:	27862
Ion	Ratio	Lower	Upper
136	100		
137	14.2	8.7	13.1#
54	5.4	4.6	6.8
68	2.5	3.7	5.5#

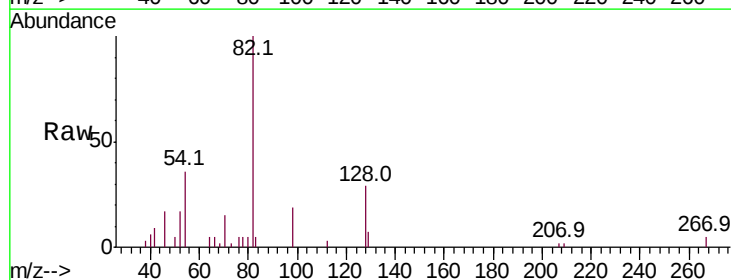


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

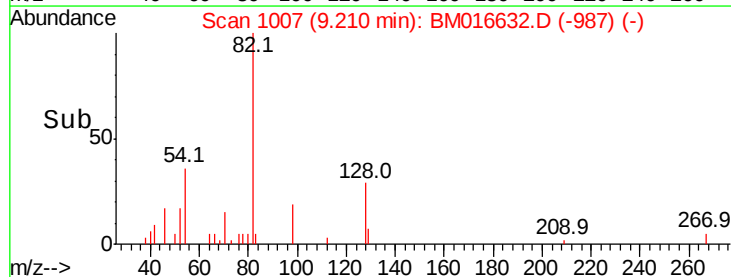
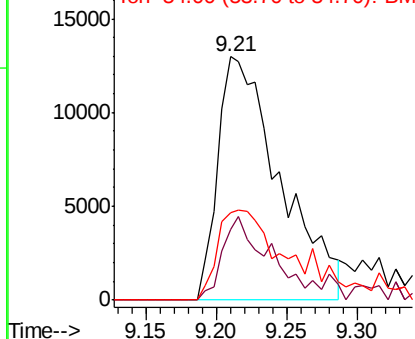


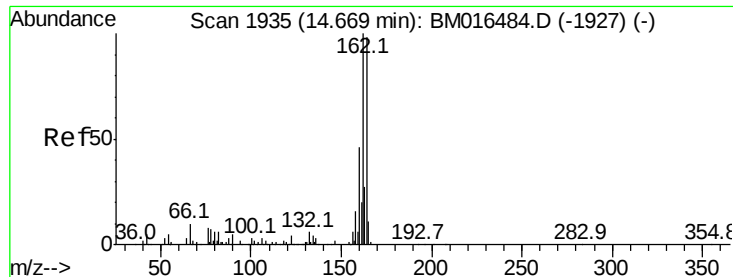
#23
Nitrobenzene-d5
Concen: 65.544 ng
RT: 9.21 min Scan# 1007
Delta R.T. 0.02 min
Lab File: BM016632.D
Acq: 28 Aug 2018 08:22

Tgt Ion:	82	Resp:	39996
Ion	Ratio	Lower	Upper
82	100		
128	29.2	32.8	49.2#
54	35.8	40.6	60.8#



Abundance Ion 82.00 (81.70 to 82.70): BM0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM0





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1931

Delta R.T. 0.00 min

Lab File: BM016632.D

Acq: 28 Aug 2018 08:22

Instrument :

BNA_M

ClientSampleId :

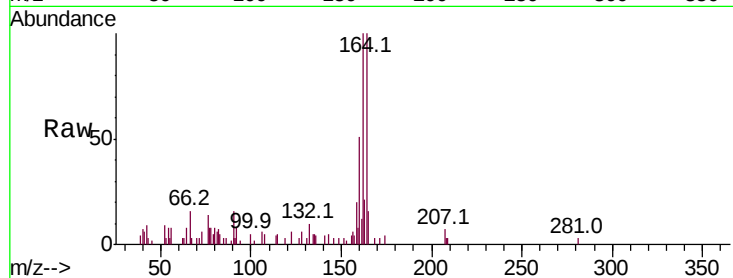
Tot Ion:164 Resp: 23290

Ion	Ratio	Lower	Upper
164	100		
162	100.4	82.4	123.6
160	51.7	35.8	53.6

164 100

162 100.4 82.4 123.6

160 51.7 35.8 53.6

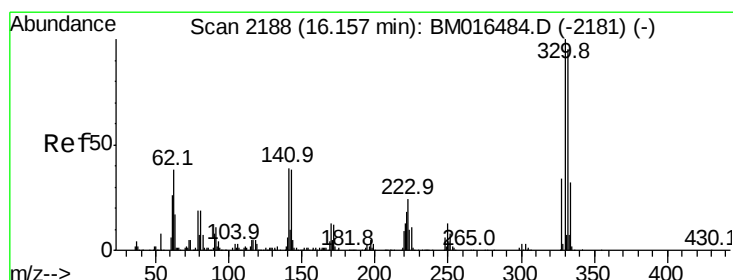
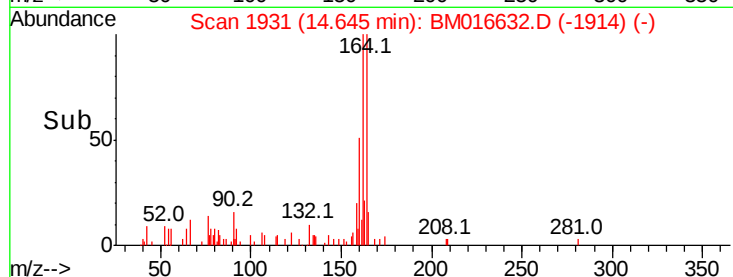
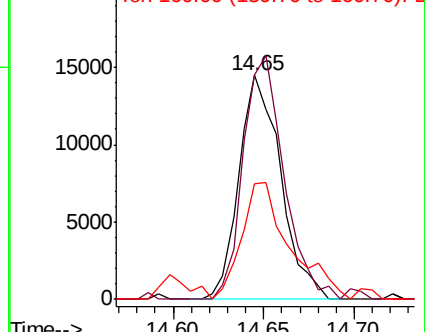


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 104.902 ng

RT: 16.14 min Scan# 2186

Delta R.T. 0.01 min

Lab File: BM016632.D

Acq: 28 Aug 2018 08:22

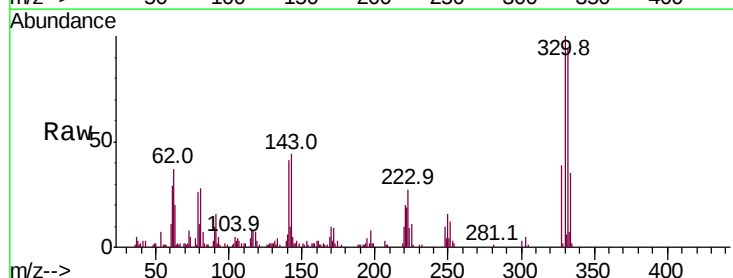
Tgt Ion:330 Resp: 68297

Ion	Ratio	Lower	Upper
330	100		
332	100.4	0.0	0.0#
141	42.2	0.0	0.0#

330 100

332 100.4 0.0 0.0#

141 42.2 0.0 0.0#

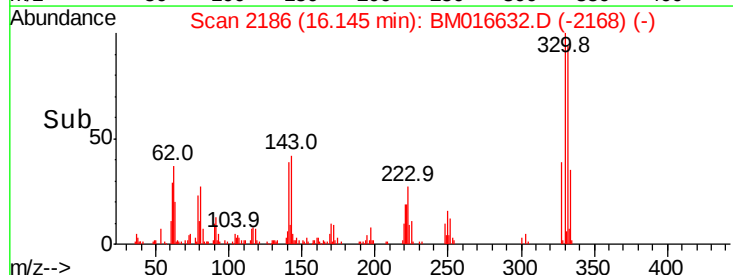
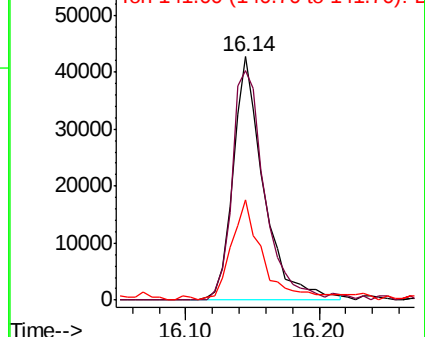


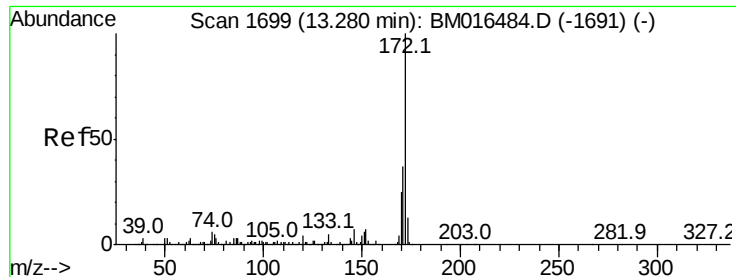
Abundance

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

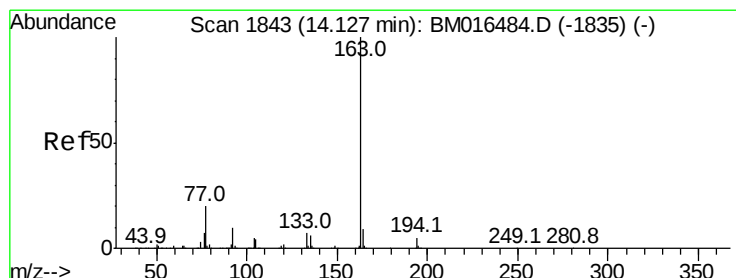
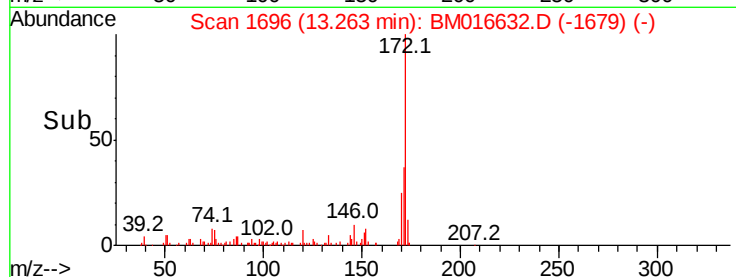
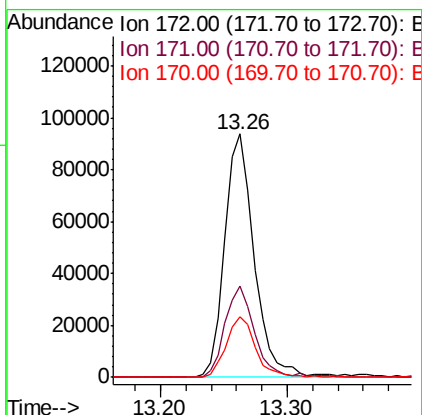
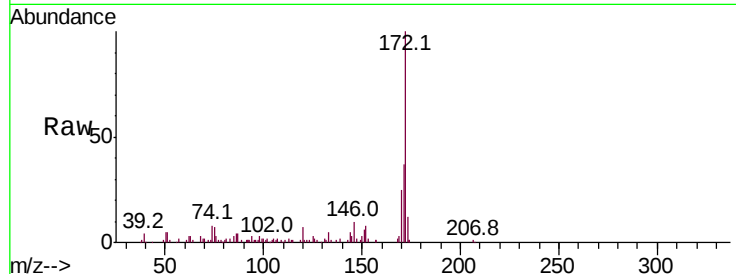




#44
2-Fluorobiphenyl
Concen: 62.341 ng
RT: 13.26 min Scan# 1696
Delta R.T. 0.00 min
Lab File: BM016632.D
Acq: 28 Aug 2018 08:22

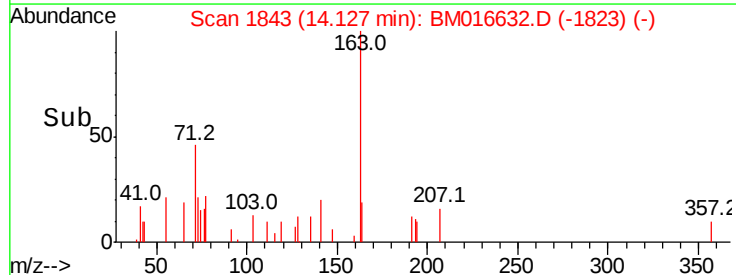
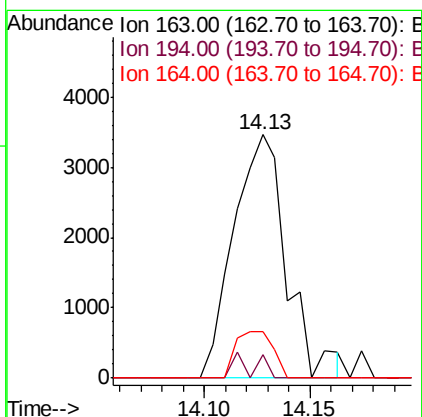
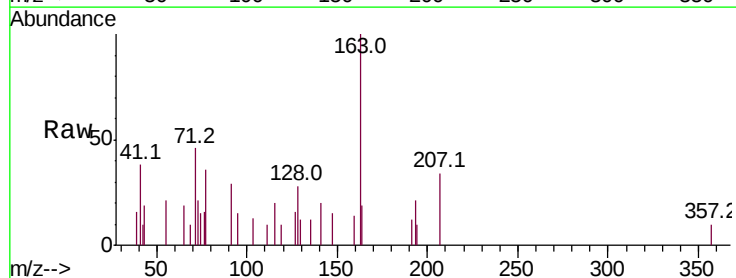
Instrument :
BNA_M
ClientSampleId :

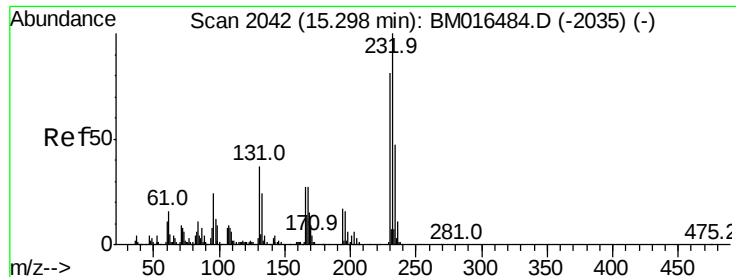
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	28.5	42.7
170	24.8	18.8	28.2



#49
Dimethylphthalate
Concen: 2.684 ng
RT: 14.13 min Scan# 1843
Delta R.T. 0.02 min
Lab File: BM016632.D
Acq: 28 Aug 2018 08:22

Tgt Ion	Ratio	Lower	Upper
163	100		
194	9.9	2.7	4.1#
164	18.9	8.2	12.2#

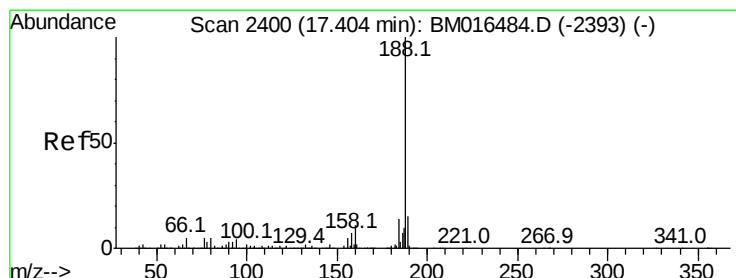
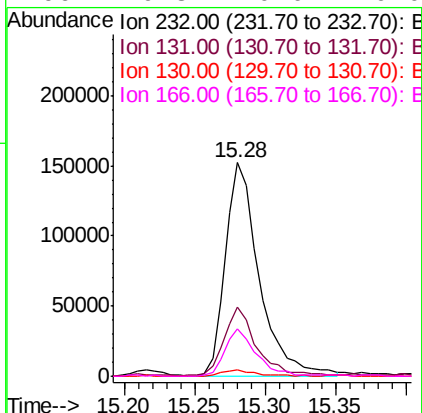
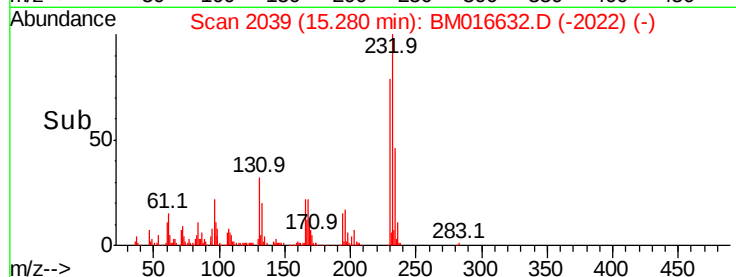
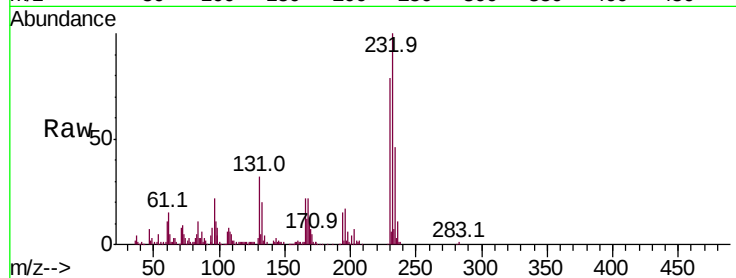




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 343.415 ng
 RT: 15.28 min Scan# 2039
 Delta R.T. 0.00 min
 Lab File: BM016632.D
 Acq: 28 Aug 2018 08:22

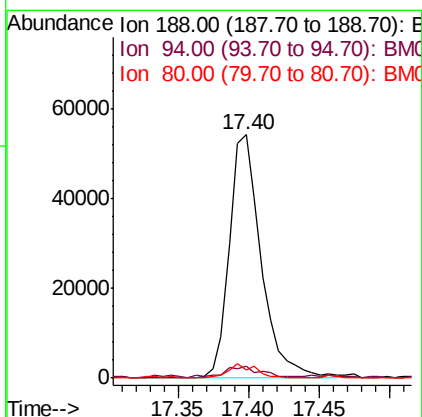
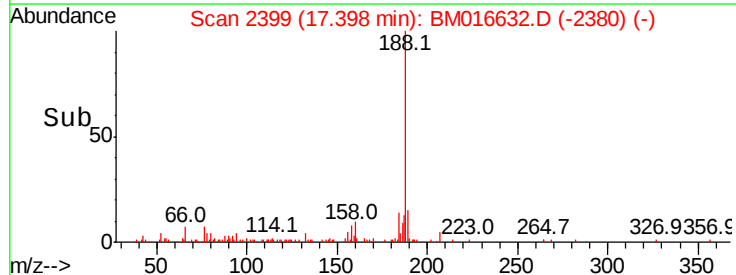
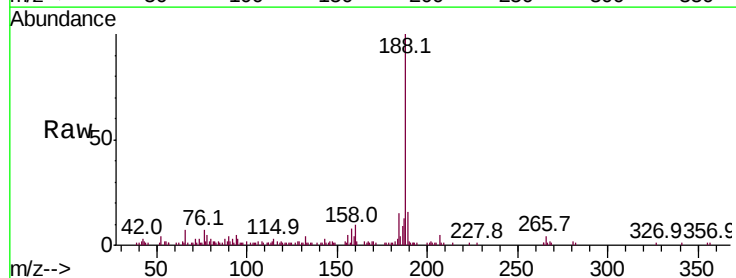
Instrument :
 BNA_M
 ClientSampleId :

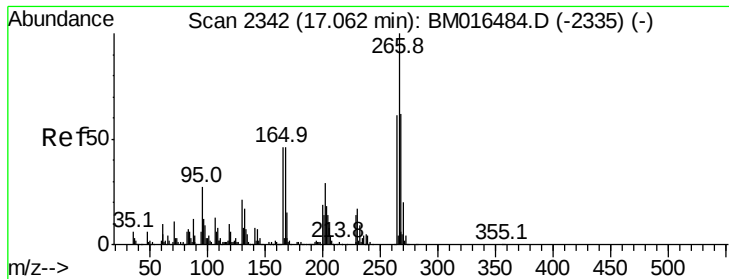
Tot Ion:232	Resp:	253603
Ion Ratio	Lower	Upper
232	100	
131	31.8	0.0 0.0#
130	3.0	0.0 0.0#
166	20.3	0.0 0.0#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.40 min Scan# 2399
 Delta R.T. 0.01 min
 Lab File: BM016632.D
 Acq: 28 Aug 2018 08:22

Tgt Ion:188	Resp:	85250
Ion Ratio	Lower	Upper
188	100	
94	4.7	8.7 13.1#
80	3.5	9.3 13.9#

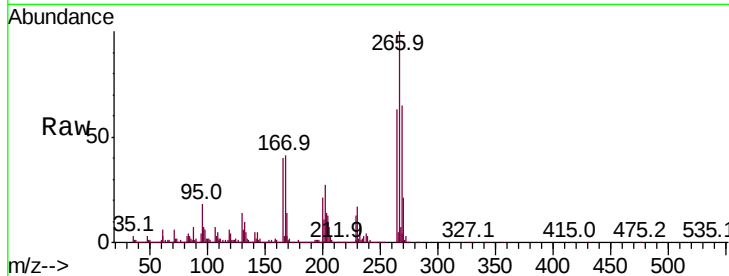




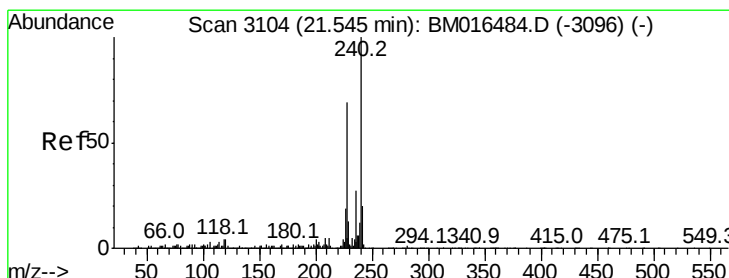
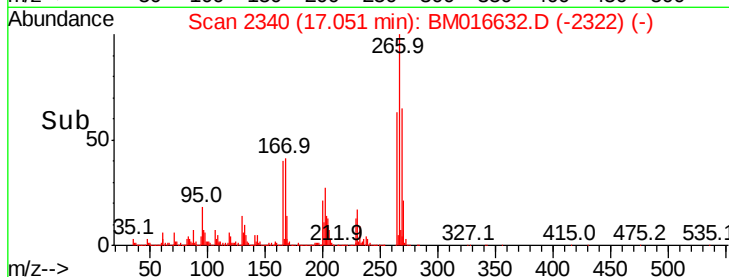
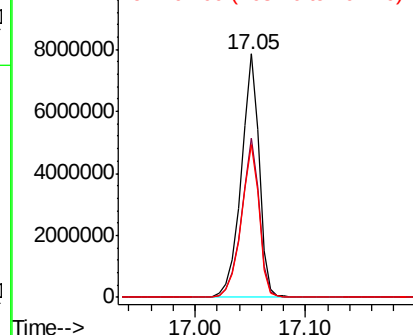
#69
 Pentachlorophenol
 Concen: 11152.564 ng
 RT: 17.05 min Scan# 2340
 Delta R.T. 0.01 min
 Lab File: BM016632.D
 Acq: 28 Aug 2018 08:22

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:266 Resp: 9014098
 Ion Ratio Lower Upper
 266 100
 268 65.4 52.0 78.0
 264 62.5 49.0 73.4

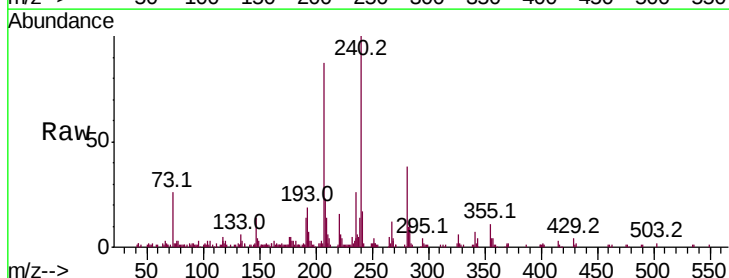


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

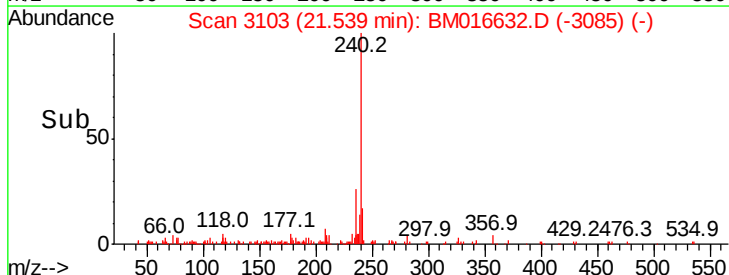
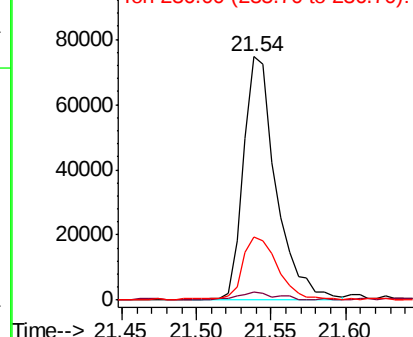


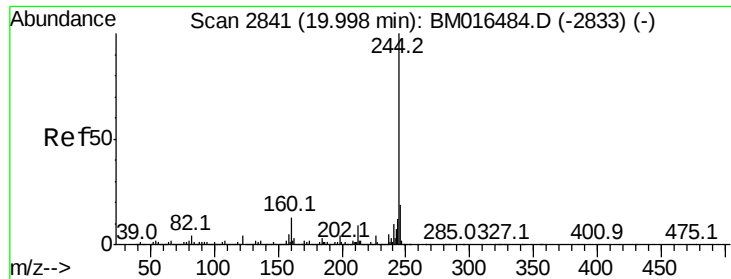
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.54 min Scan# 3103
 Delta R.T. 0.01 min
 Lab File: BM016632.D
 Acq: 28 Aug 2018 08:22

Tgt Ion:240 Resp: 113336
 Ion Ratio Lower Upper
 240 100
 120 3.1 8.2 12.2#
 236 25.7 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: 92.075 ng

RT: 19.97 min Scan# 2837

Delta R.T. -0.01 min

Lab File: BM016632.D

Acq: 28 Aug 2018 08:22

Instrument :

BNA_M

ClientSampled :

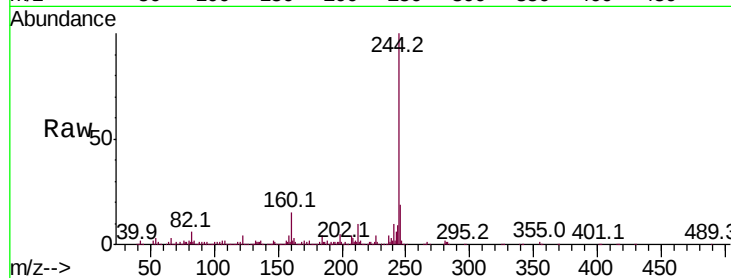
Tot Ion:244 Resp: 493033

Ion Ratio Lower Upper

244 100

212 9.8 4.9 7.3#

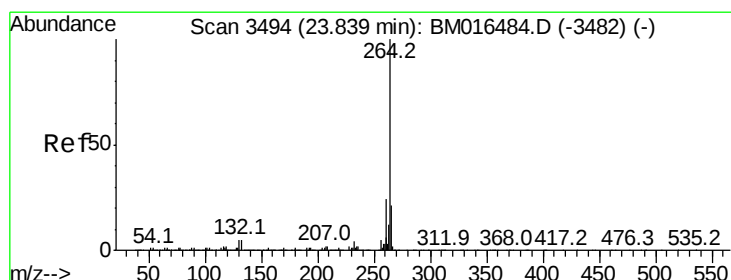
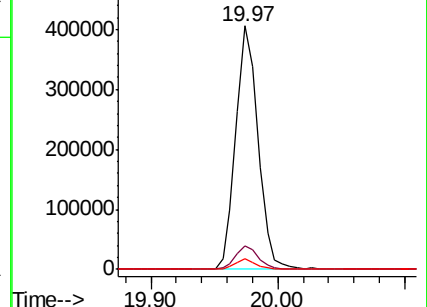
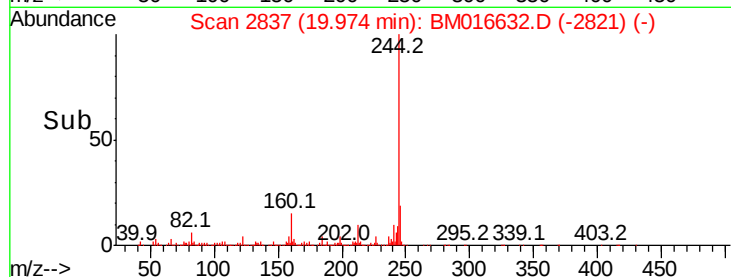
122 4.4 6.2 9.4#



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: 23.83 min Scan# 3492

Delta R.T. 0.01 min

Lab File: BM016632.D

Acq: 28 Aug 2018 08:22

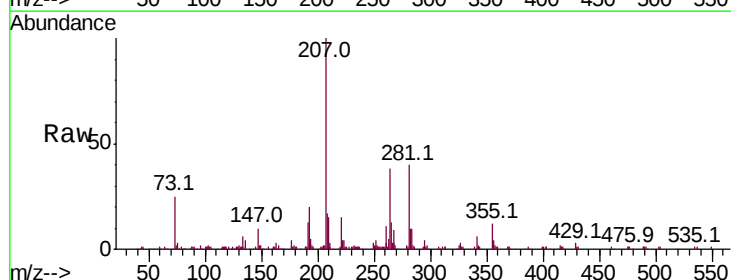
Tgt Ion:264 Resp: 121610

Ion Ratio Lower Upper

264 100

260 28.6 18.6 27.8#

265 34.4 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

