

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 :
 SONO-WDL

Quant Time: Aug 28 09:27:17 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

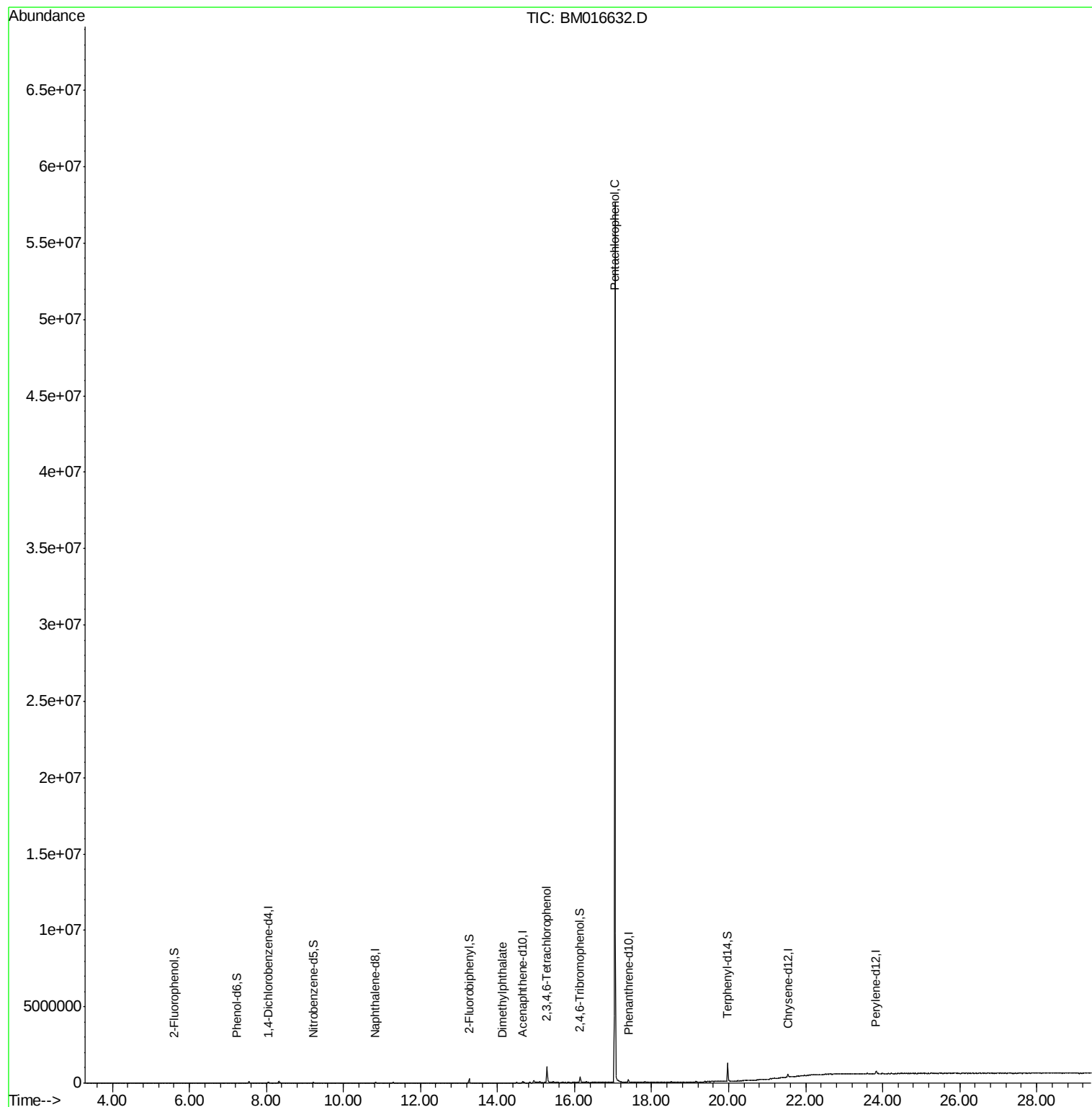
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	8487	20.00	ng	0.03
21) Naphthalene-d8	10.83	136	27862	20.00	ng	0.02
38) Acenaphthene-d10	14.65	164	23290	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	85250	20.00	ng	0.01
75) Chrysene-d12	21.54	240	113336	20.00	ng	0.00
86) Perylene-d12	23.83	264	121610	20.00	ng	0.01
System Monitoring Compounds						
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						
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

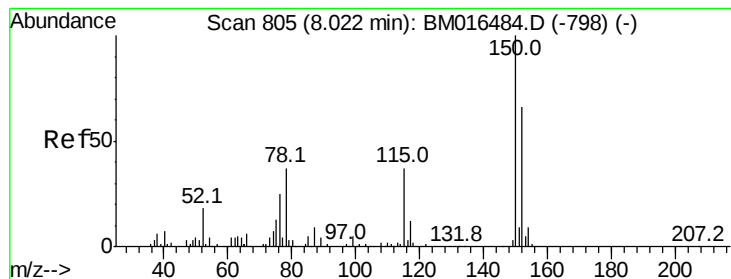
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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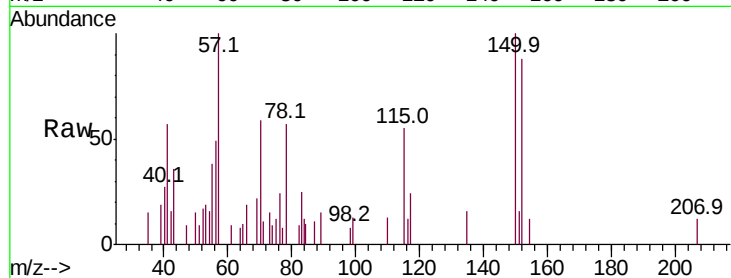


#1

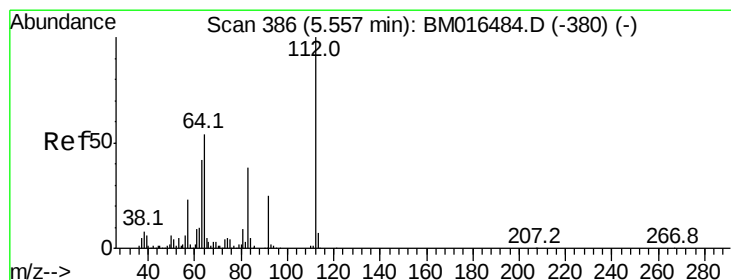
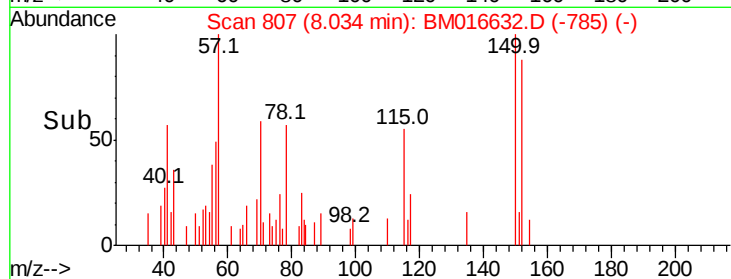
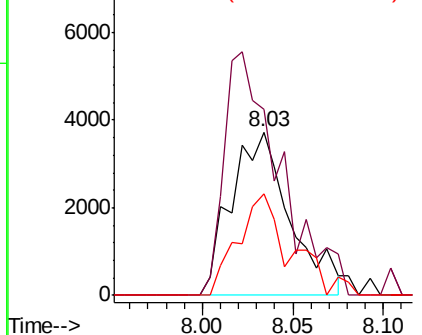
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. 0.03 min
Lab File: BM016632.D
Acq: 28 Aug 2018 08:22

Instrument :
BNA_M
ClientSampleId :
SONO-WDL

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



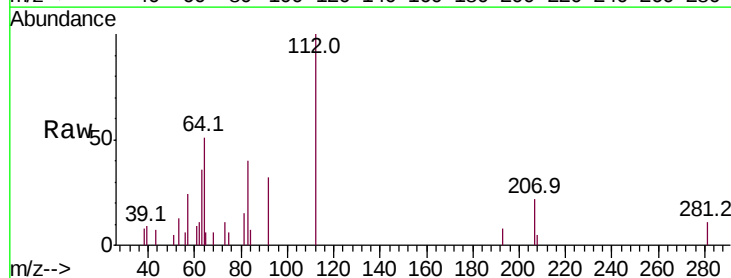
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



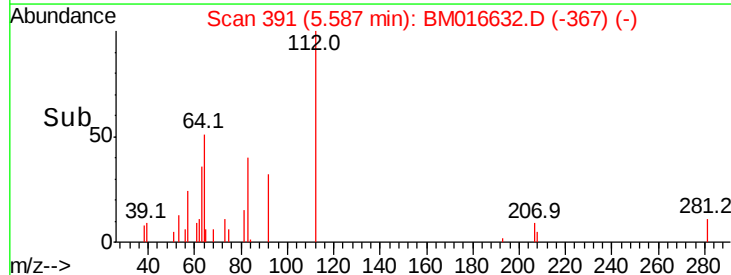
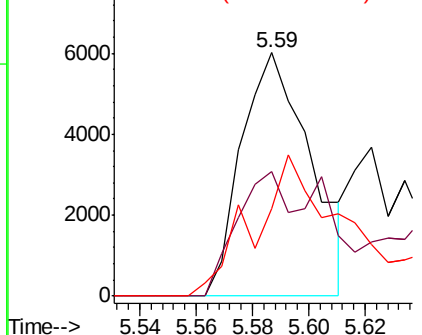
#5

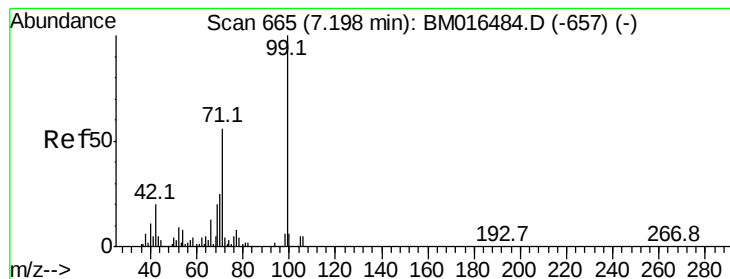
2-Fluorophenol
Concen: 23.641 ng
RT: 5.59 min Scan# 391
Delta R.T. 0.04 min
Lab File: BM016632.D
Acq: 28 Aug 2018 08:22

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

ClientSampled :

SONO-WDL

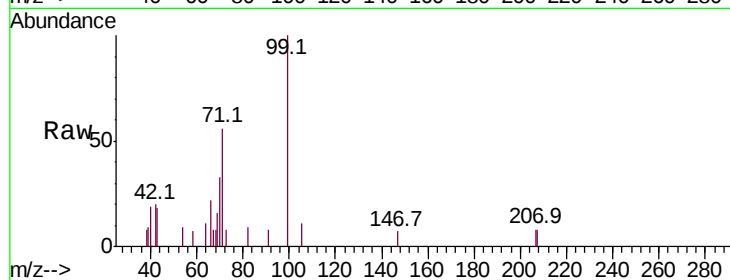
Tot Ion: 99 Resp: 9060

Ion Ratio Lower Upper

99 100

42 20.5 11.0 16.4#

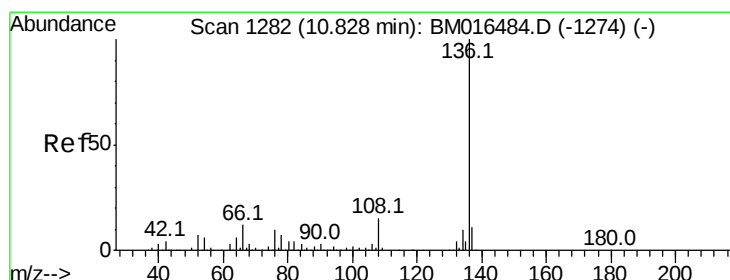
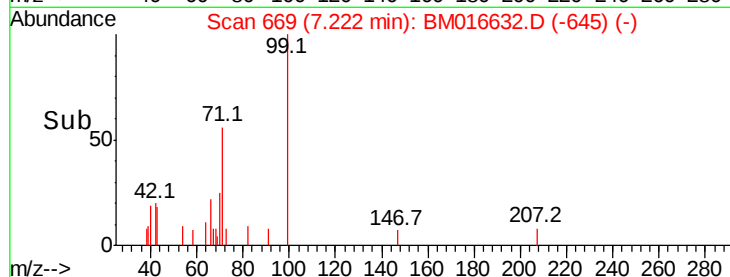
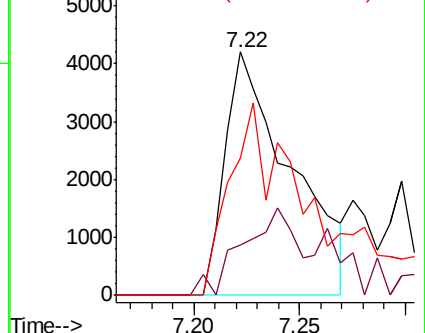
71 56.2 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016484.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BM016484.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BM016484.D (-657) (-)



#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

Tgt Ion: 136 Resp: 27862

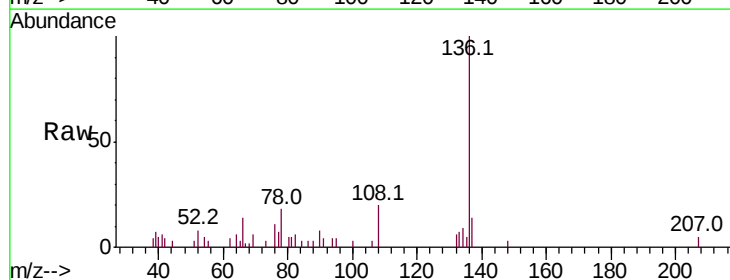
Ion Ratio Lower Upper

136 100

137 14.2 8.7 13.1#

54 5.4 4.6 6.8

68 2.5 3.7 5.5#

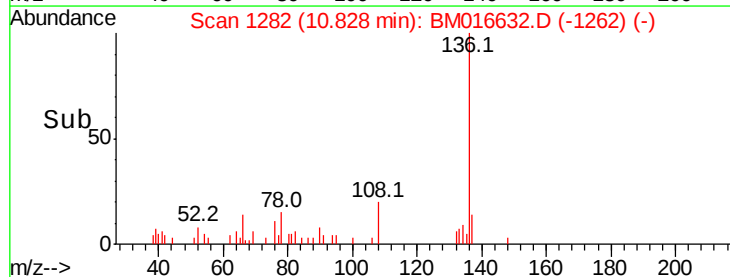
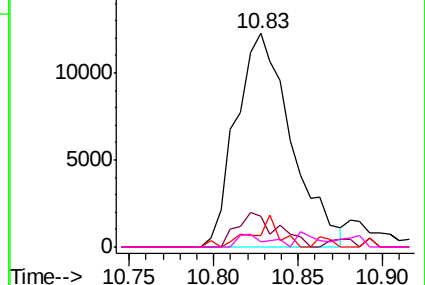


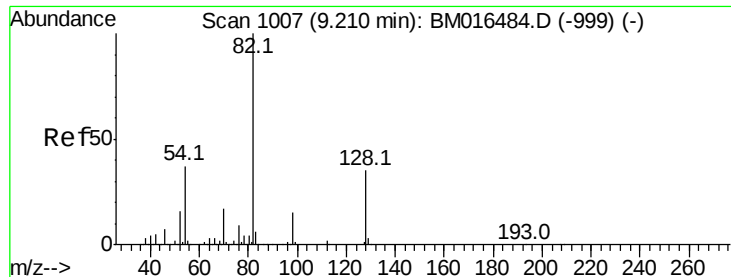
Abundance Ion 136.00 (135.70 to 136.70): BM016484.D (-1274) (-)

Ion 137.00 (136.70 to 137.70): BM016484.D (-1274) (-)

Ion 54.00 (53.70 to 54.70): BM016484.D (-1274) (-)

Ion 68.00 (67.70 to 68.70): BM016484.D (-1274) (-)

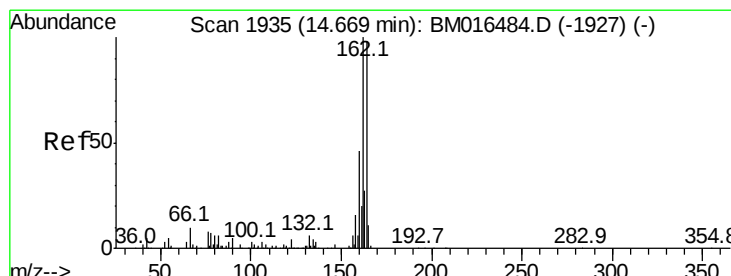
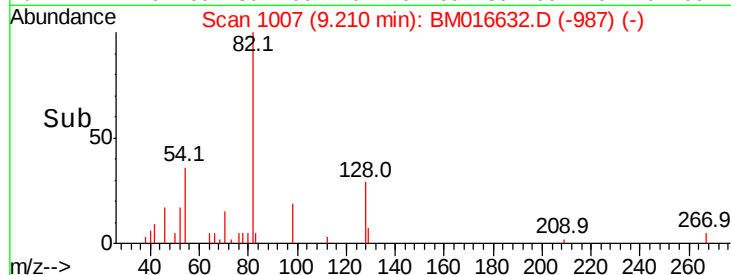
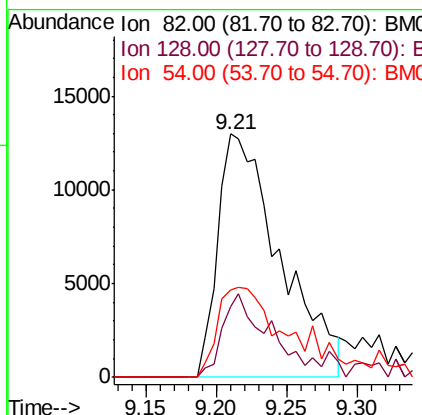
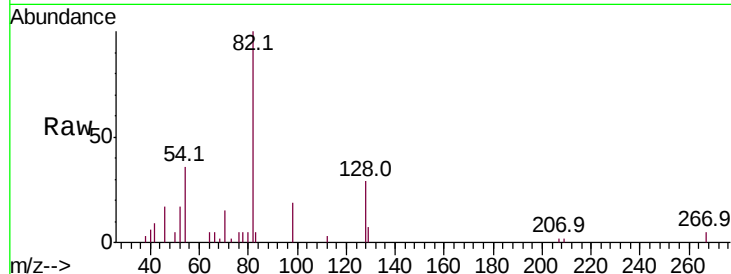




#23
Nitrobenzene-d5
Concen: 65.544 ng
RT: 9.21 min Scan# 1007
Delta R.T. 0.02 min
Lab File: BM016632.D
Acq: 28 Aug 2018 08:22

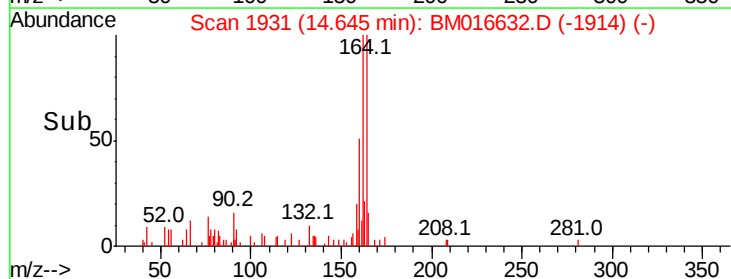
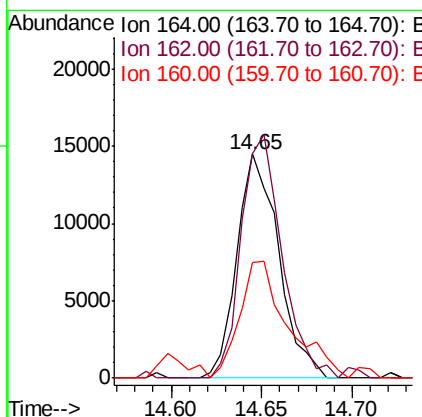
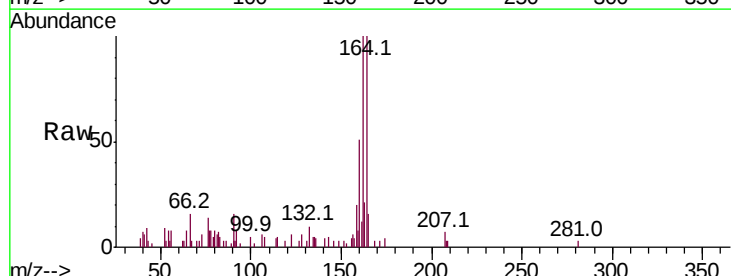
Instrument :
BNA_M
ClientSampleId :
SONO-WDL

Tot Ion	Ratio	Lower	Upper
82	100		
128	29.2	32.8	49.2#
54	35.8	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: BM016632.D
Acq: 28 Aug 2018 08:22

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

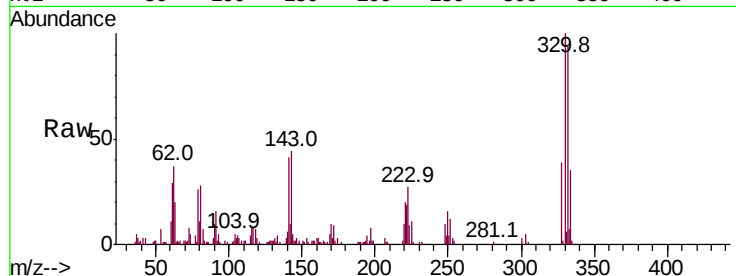




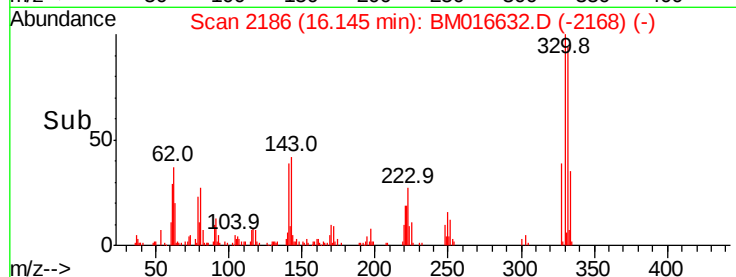
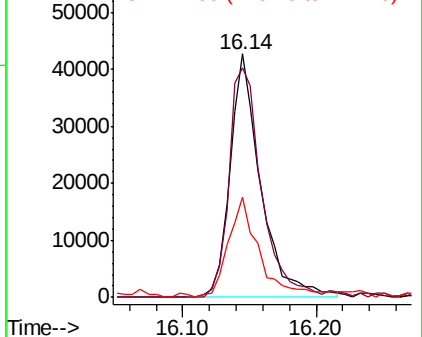
#41
2,4,6-Tribromophenol
Concen: 104.902 ng
RT: 16.14 min Scan# 2186
Delta R.T. 0.01 min
Lab File: BM016632.D
Acq: 28 Aug 2018 08:22

Instrument :
BNA_M
ClientSampleId :
SONO-WDL

Tot Ion:330 Resp: 68297
Ion Ratio Lower Upper
330 100
332 100.4 0.0 0.0#
141 42.2 0.0 0.0#

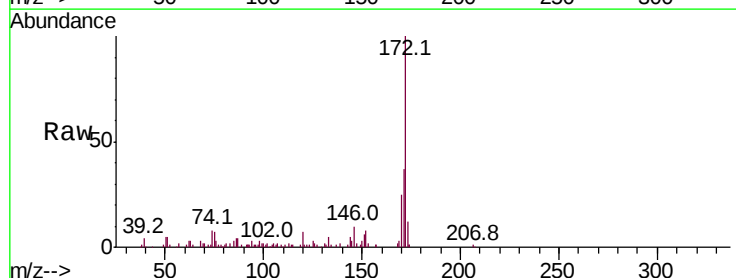


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

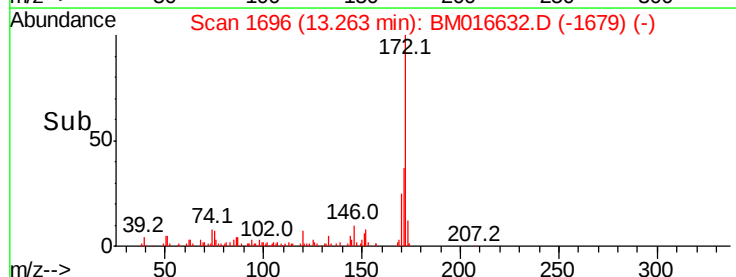
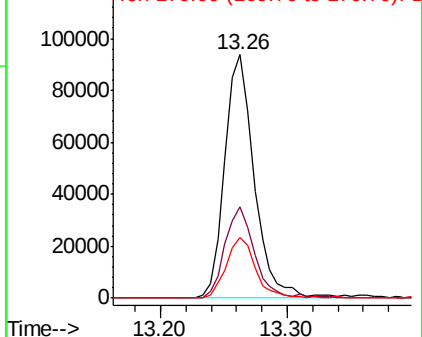


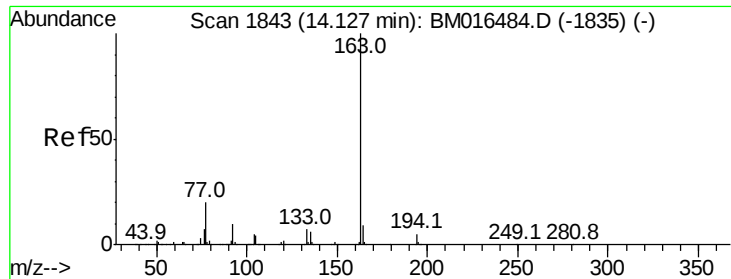
#44
2-Fluorobiphenyl
Concen: 62.341 ng
RT: 13.26 min Scan# 1696
Delta R.T. 0.00 min
Lab File: BM016632.D
Acq: 28 Aug 2018 08:22

Tgt Ion:172 Resp: 151050
Ion Ratio Lower Upper
172 100
171 37.3 28.5 42.7
170 24.8 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

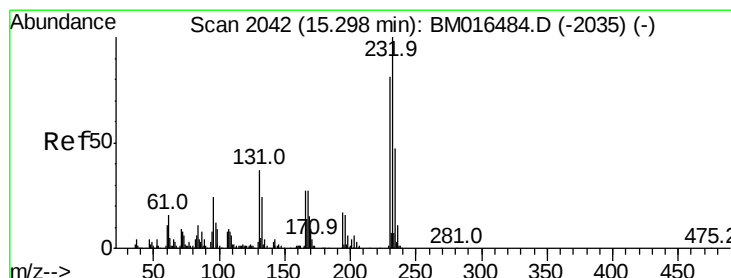
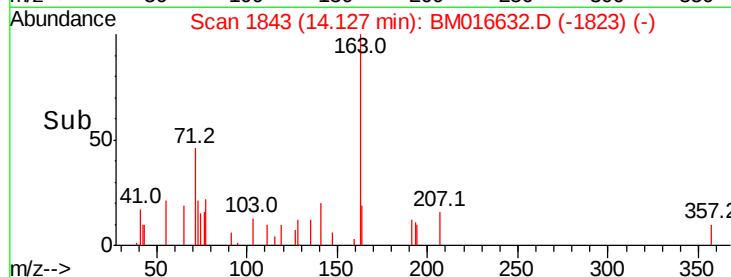
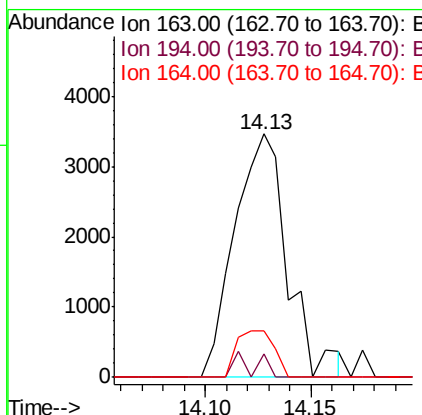
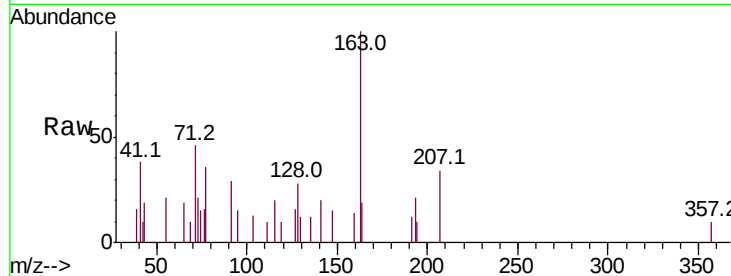




#49
Dimethylphthalate
Concen: 2.684 ng
RT: 14.13 min Scan# 1843
Delta R.T. 0.02 min
Lab File: BM016632.D
Acq: 28 Aug 2018 08:22

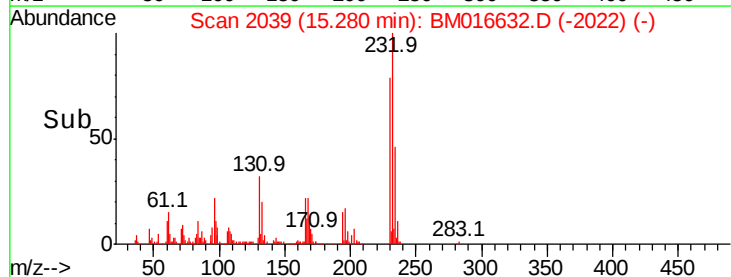
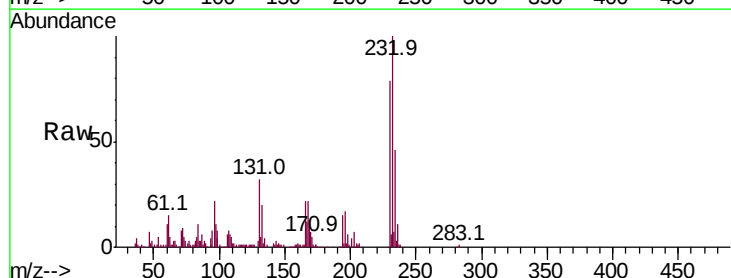
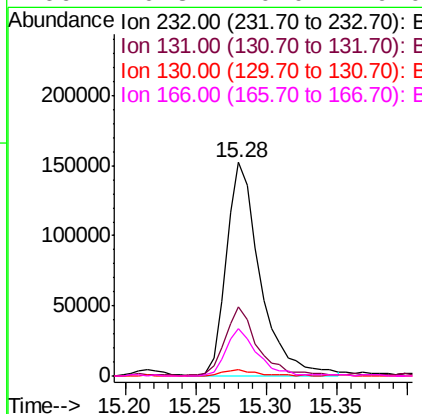
Instrument :
BNA_M
ClientSampleId :
SONO-WDL

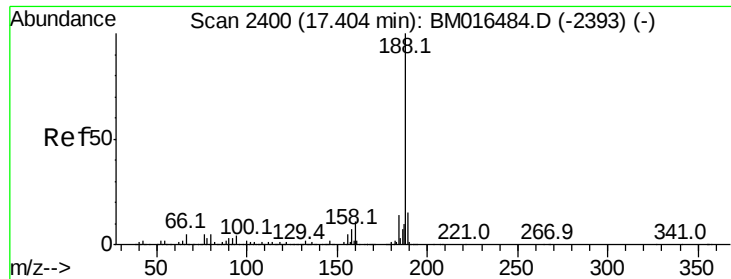
Tot Ion	Ratio	Lower	Upper
163	100		
194	9.9	2.7	4.1#
164	18.9	8.2	12.2#



#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

Tgt 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#

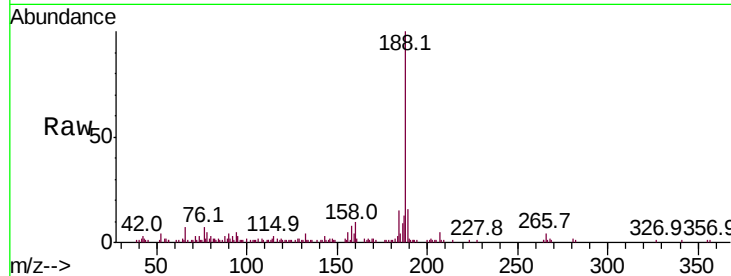




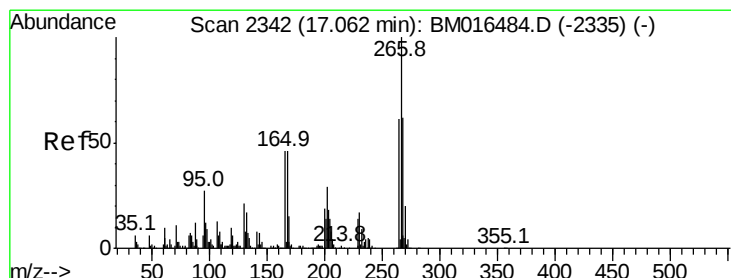
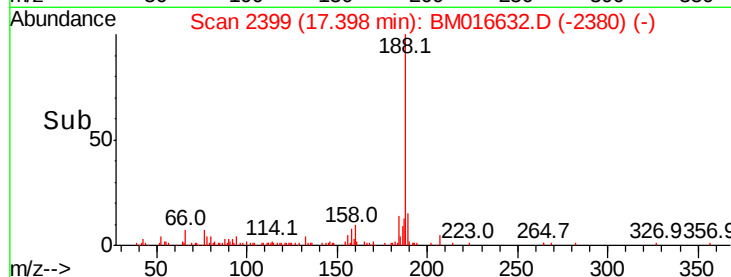
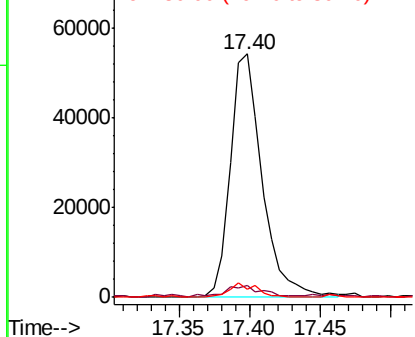
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2399
Delta R.T. 0.01 min
Lab File: BM016632.D
Acq: 28 Aug 2018 08:22

Instrument :
BNA_M
ClientSampleId :
SONO-WDL

Tot Ion	Ratio	Lower	Upper
188	100		
94	4.7	8.7	13.1#
80	3.5	9.3	13.9#

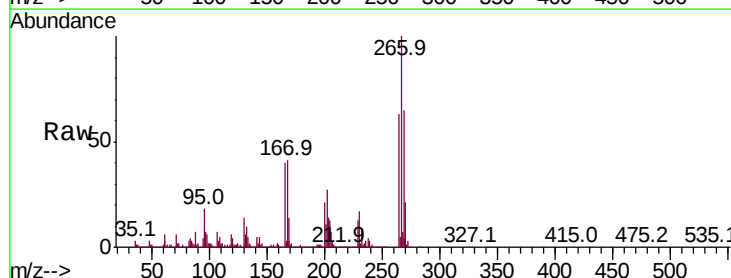


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

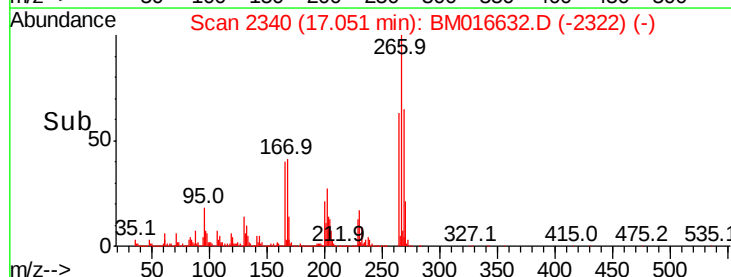
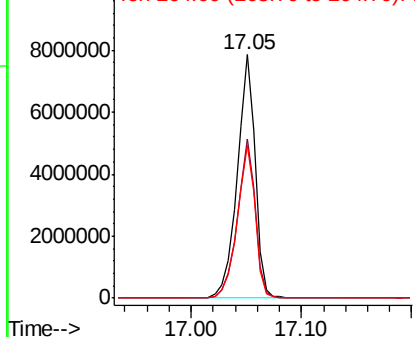


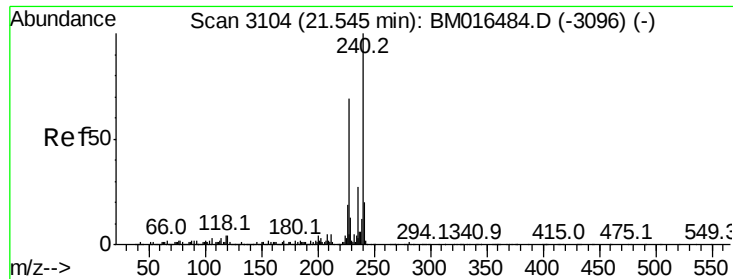
#69
Pentachlorophenol
Concen: 11152.564 ng
RT: 17.05 min Scan# 2340
Delta R.T. 0.01 min
Lab File: BM016632.D
Acq: 28 Aug 2018 08:22

Tgt 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

Instrument :

BNA_M

ClientSampleId :

SONO-WDL

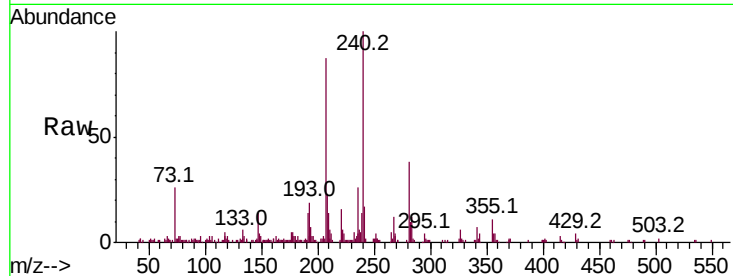
Tot Ion:240 Resp: 113336

Ion Ratio Lower Upper

240 100

120 3.1 8.2 12.2#

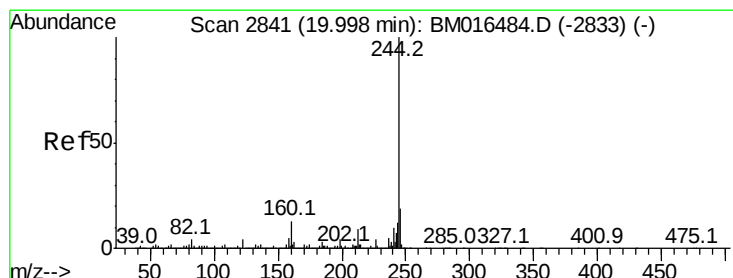
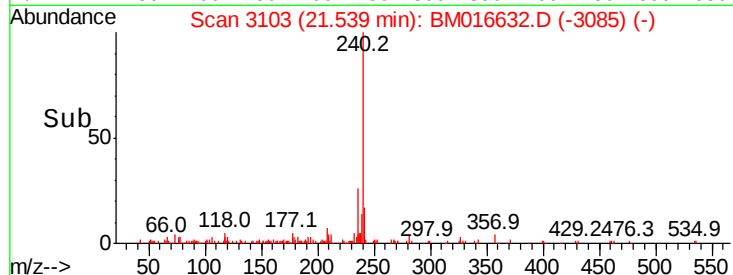
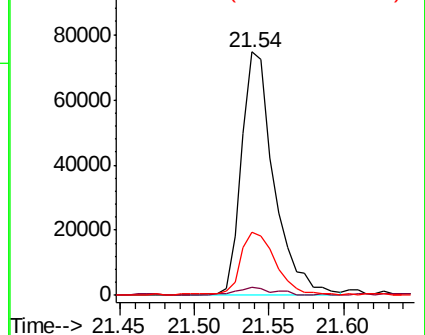
236 25.7 20.0 30.0



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

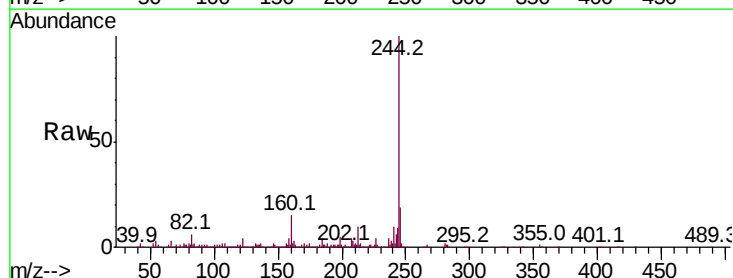
Tgt Ion:244 Resp: 493033

Ion Ratio Lower Upper

244 100

212 9.8 4.9 7.3#

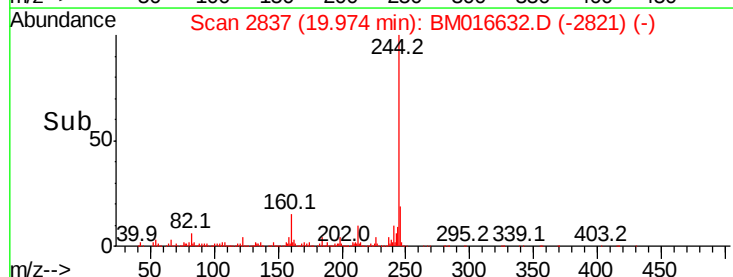
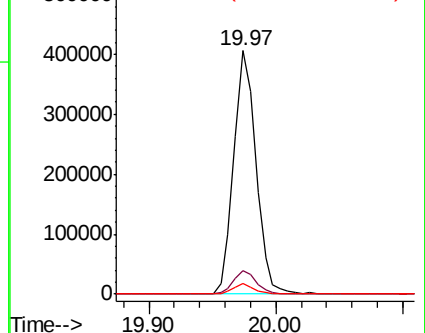
122 4.4 6.2 9.4#

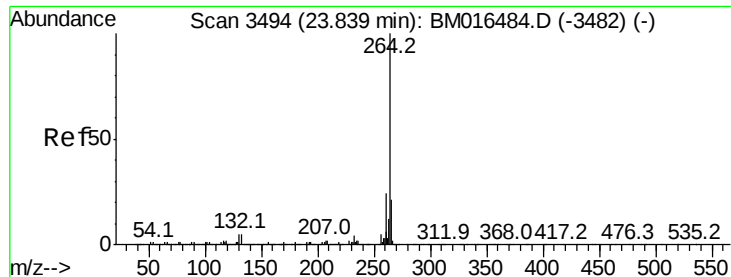


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-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

Instrument :
 BNA_M
 ClientSampleId :
 SONO-WDL

Tot Ion	Ratio	Lower	Upper
264	100		
260	28.6	18.6	27.8#
265	34.4	17.3	25.9#

