

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM030718\
 Data File : BM014502.D
 Acq On : 06 Mar 2018 17:35
 Operator : SJ/JU
 Sample : J1699-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 07 03:57:30 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM020718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 17:16:49 2018
 Response via : Initial Calibration

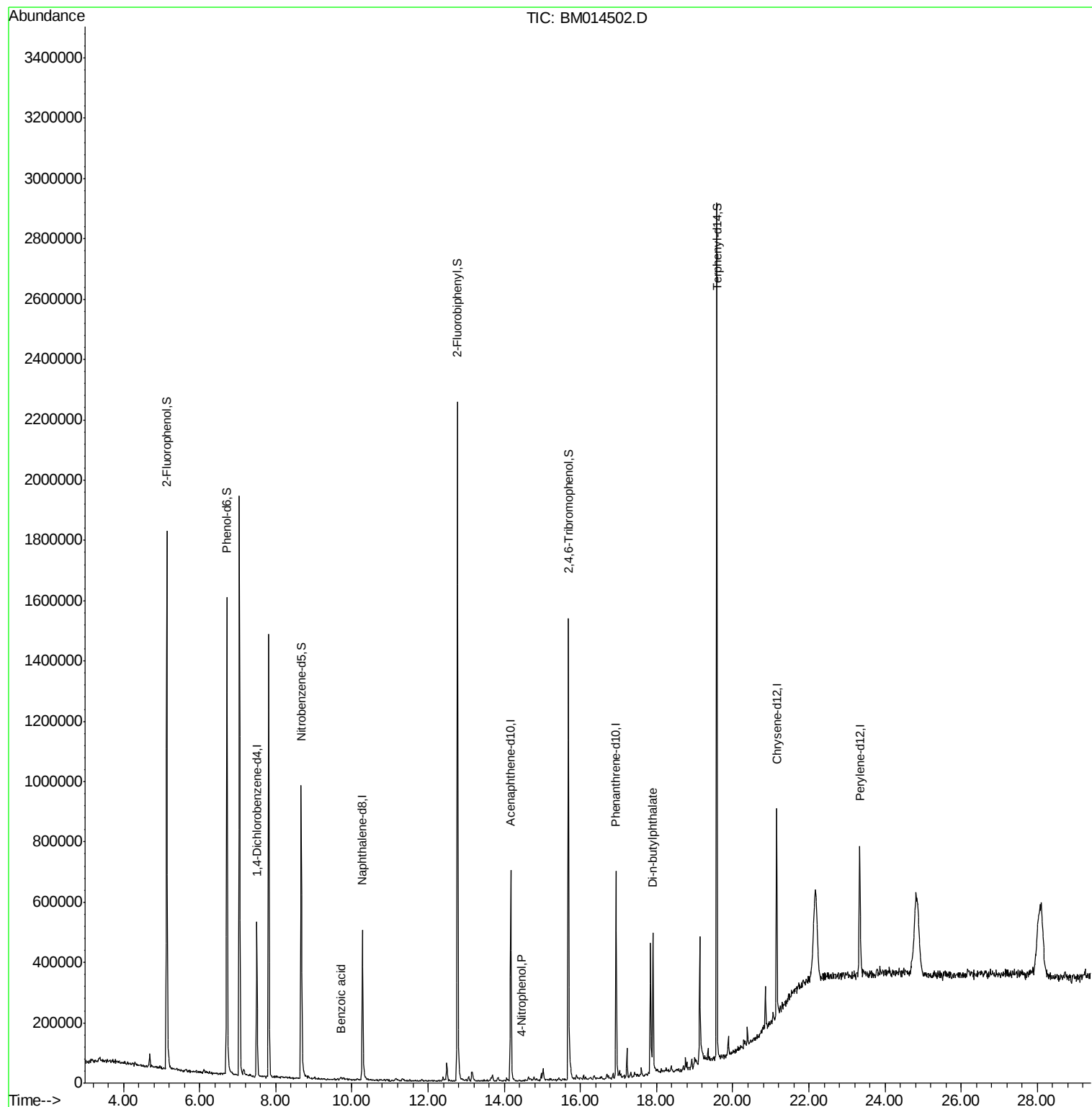
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	107609	20.00	ng	-0.04
21) Naphthalene-d8	10.27	136	391984	20.00	ng	-0.04
38) Acenaphthene-d10	14.17	164	215433	20.00	ng	-0.03
63) Phenanthrene-d10	16.93	188	411270	20.00	ng	-0.02
75) Chrysene-d12	21.16	240	328754	20.00	ng	-0.01
86) Perylene-d12	23.33	264	317116	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	637947	103.33	ng	-0.02
7) Phenol-d6	6.72	99	770700	88.14	ng	-0.02
23) Nitrobenzene-d5	8.67	82	583829	66.53	ng	-0.04
41) 2,4,6-Tribromophenol	15.68	330	219300	71.74	ng	-0.02
44) 2-Fluorobiphenyl	12.77	172	1085001	62.87	ng	-0.04
78) Terphenyl-d14	19.58	244	1056866	62.81	ng	-0.02
Target Compounds						
32) Benzoic acid	9.73	122	2209	6.616	ng	# 14
55) 4-Nitrophenol	14.46	139	118	5.826	ng	# 1
73) Di-n-butylphthalate	17.90	149	279511	9.612	ng	# 92

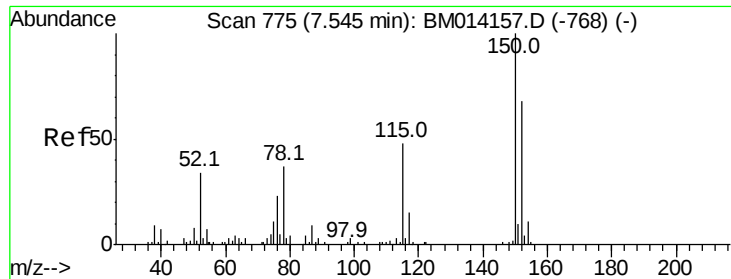
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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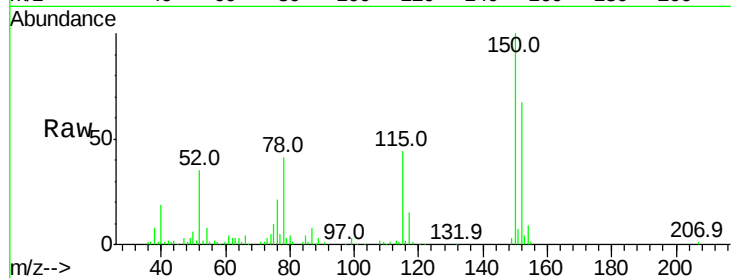


#1

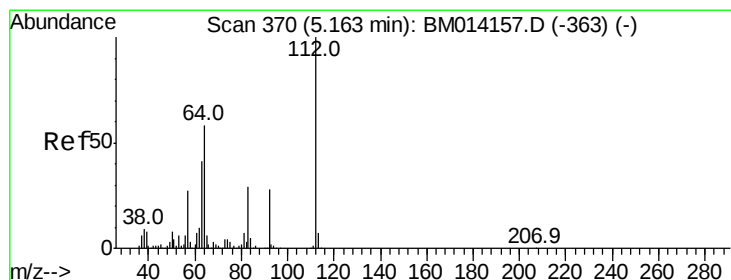
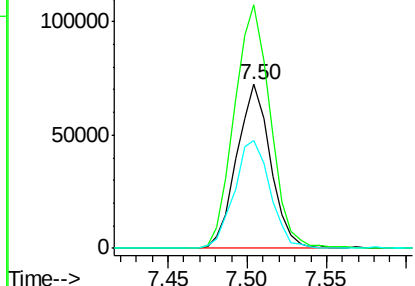
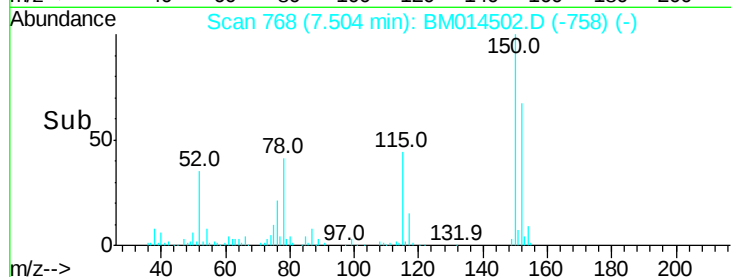
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 768
Delta R.T. -0.04 min
Lab File: BM014502.D
Acq: 06 Mar 2018 17:35

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.7	119.5	179.3
115	65.8	43.0	64.4#



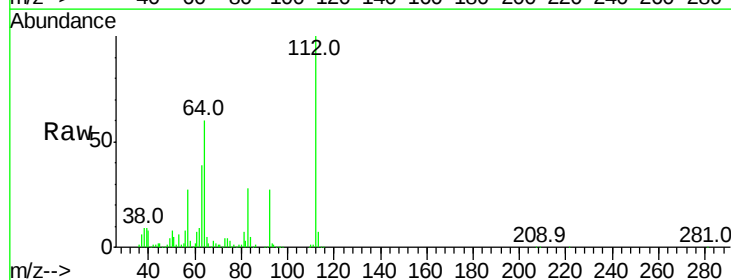
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



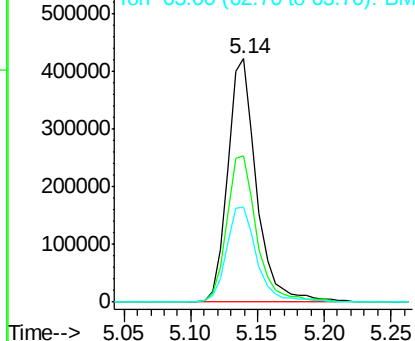
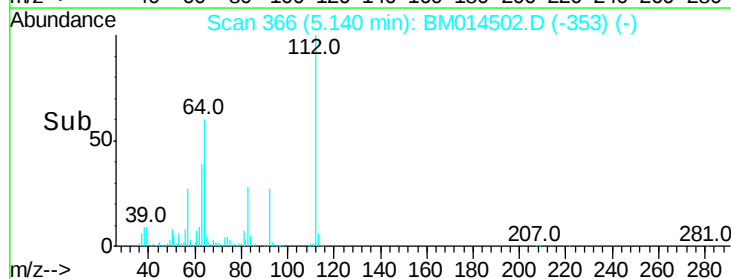
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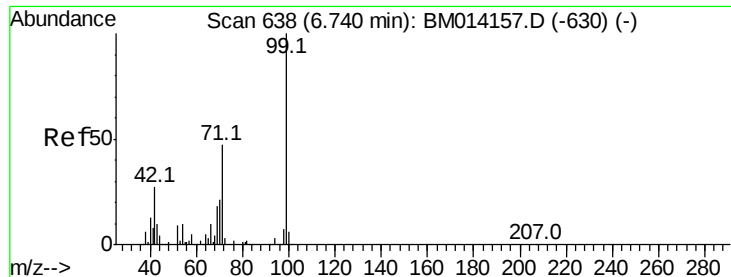
2-Fluorophenol
Concen: 103.331 ng
RT: 5.14 min Scan# 366
Delta R.T. -0.02 min
Lab File: BM014502.D
Acq: 06 Mar 2018 17:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.9	38.6	57.8#
63	39.3	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: 88.141 ng

RT: 6.72 min Scan# 634

Delta R.T. -0.02 min

Lab File: BM014502.D

Acq: 06 Mar 2018 17:35

Instrument :

BNA_M

ClientSampleId :

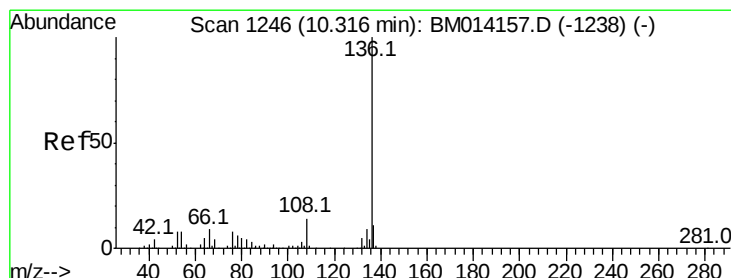
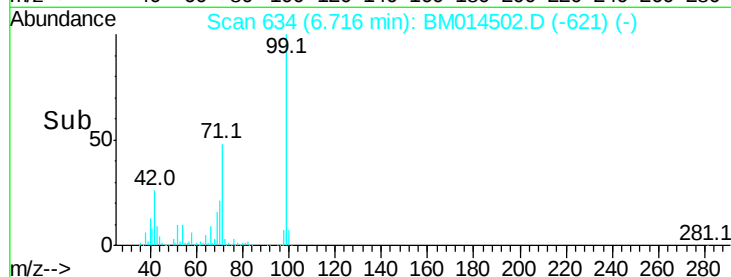
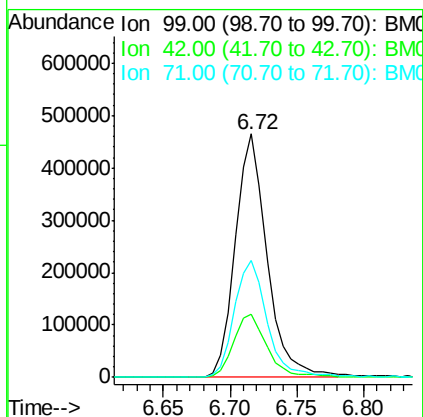
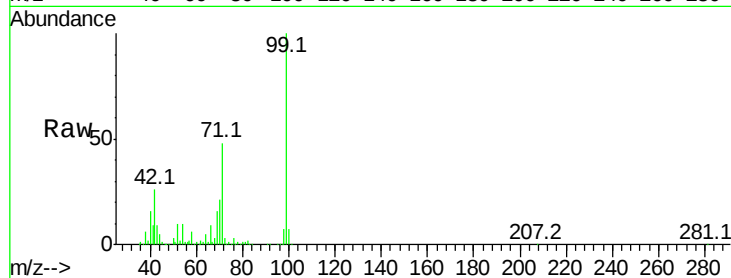
Tot Ion: 99 Resp: 770700

Ion Ratio Lower Upper

99 100

42 25.8 11.0 16.4#

71 48.2 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.27 min Scan# 1239

Delta R.T. -0.04 min

Lab File: BM014502.D

Acq: 06 Mar 2018 17:35

Tgt Ion: 136 Resp: 391984

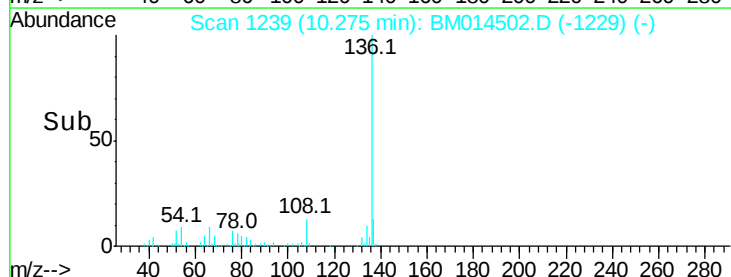
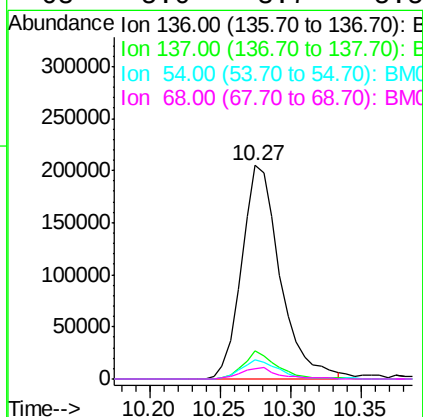
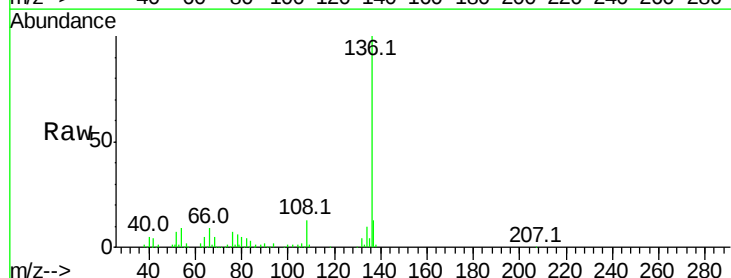
Ion Ratio Lower Upper

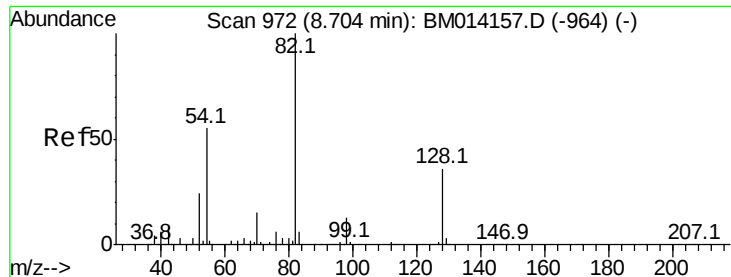
136 100

137 12.9 8.7 13.1

54 9.1 4.6 6.8#

68 5.0 3.7 5.5

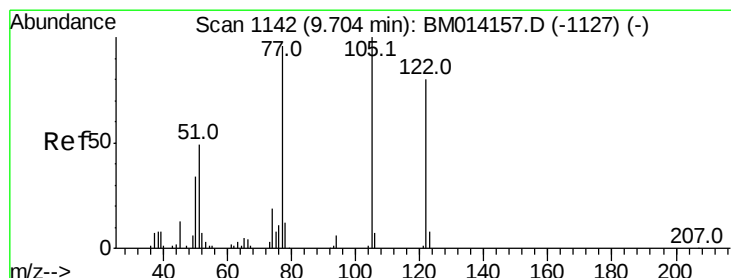
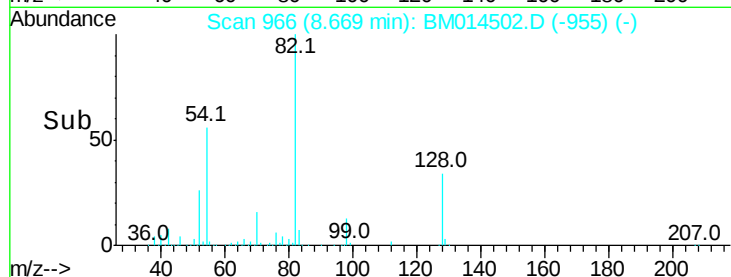
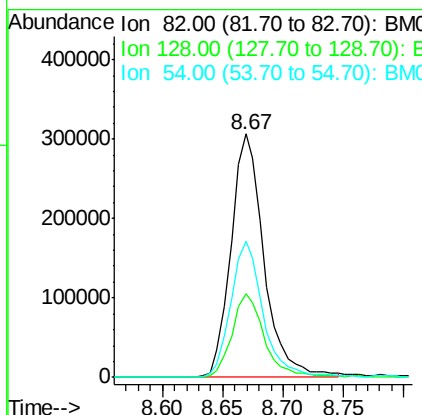
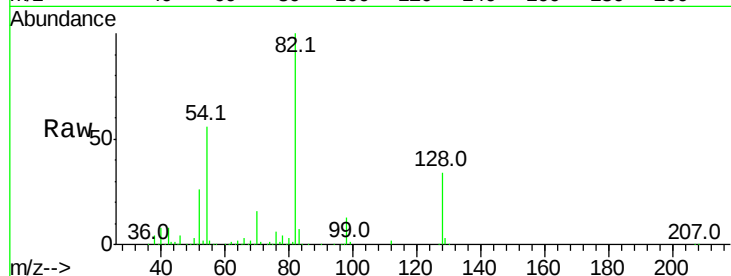




#23
 Nitrobenzene-d5
 Concen: 66.529 ng
 RT: 8.67 min Scan# 966
 Delta R.T. -0.04 min
 Lab File: BM014502.D
 Acq: 06 Mar 2018 17:35

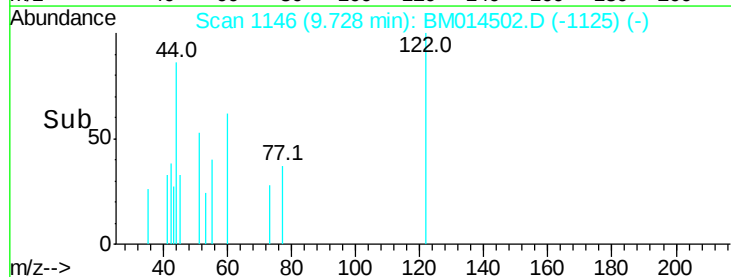
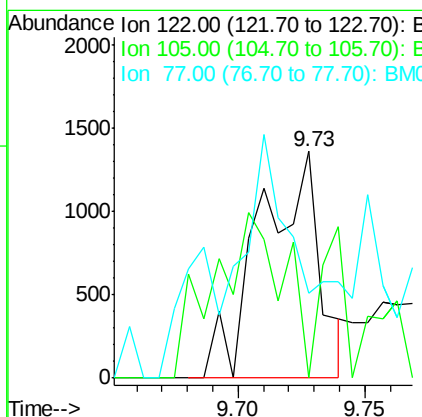
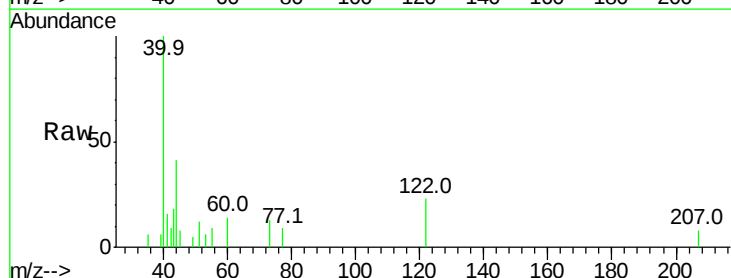
Instrument :
 BNA_M
 ClientSampleId :

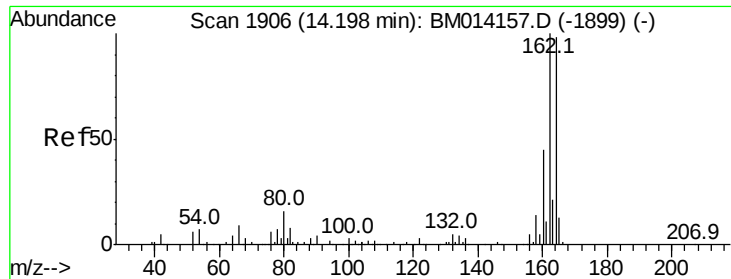
Tot Ion: 82 Resp: 583829
 Ion Ratio Lower Upper
 82 100
 128 34.2 32.8 49.2
 54 55.9 40.6 60.8



#32
 Benzoic acid
 Concen: 6.616 ng
 RT: 9.73 min Scan# 1146
 Delta R.T. 0.02 min
 Lab File: BM014502.D
 Acq: 06 Mar 2018 17:35

Tgt Ion: 122 Resp: 2209
 Ion Ratio Lower Upper
 122 100
 105 0.0 99.9 139.9#
 77 37.2 73.7 113.7#

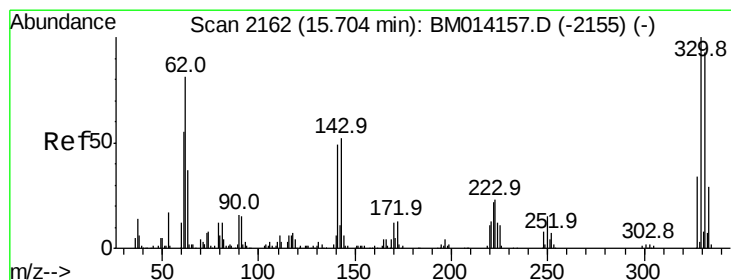
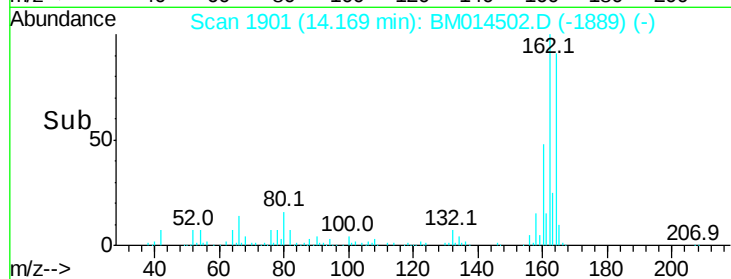
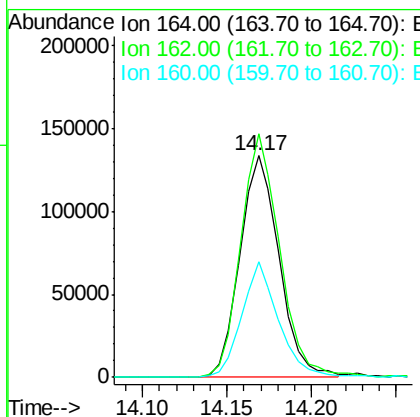
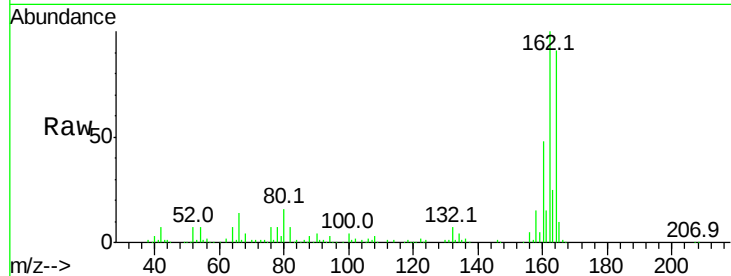




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.17 min Scan# 1901
Delta R.T. -0.03 min
Lab File: BM014502.D
Acq: 06 Mar 2018 17:35

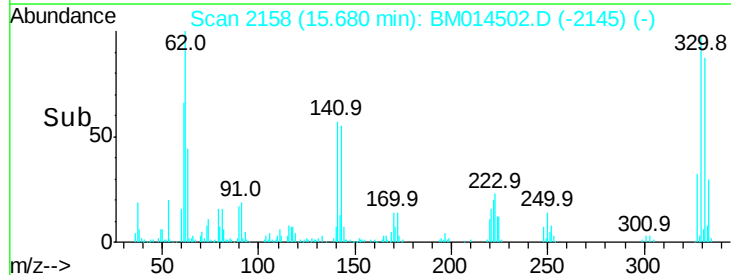
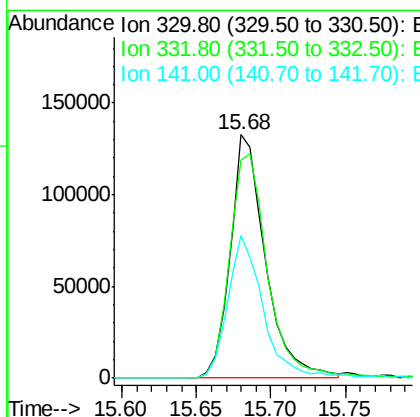
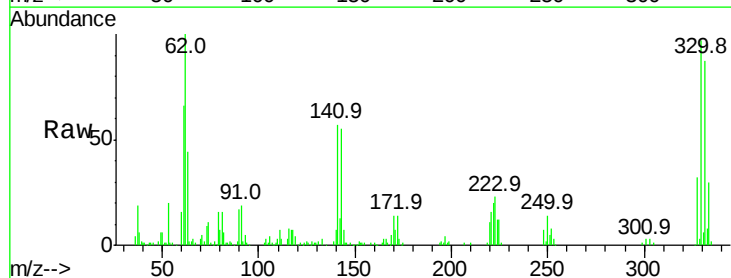
Instrument :
BNA_M
ClientSampleId :

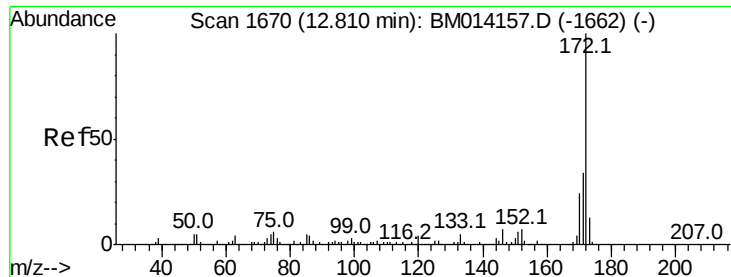
Tot Ion	Ratio	Lower	Upper
164	100		
162	110.0	82.4	123.6
160	52.5	35.8	53.6



#41
2,4,6-Tribromophenol
Concen: 71.738 ng
RT: 15.68 min Scan# 2158
Delta R.T. -0.02 min
Lab File: BM014502.D
Acq: 06 Mar 2018 17:35

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.2	0.0	0.0#
141	58.6	0.0	0.0#

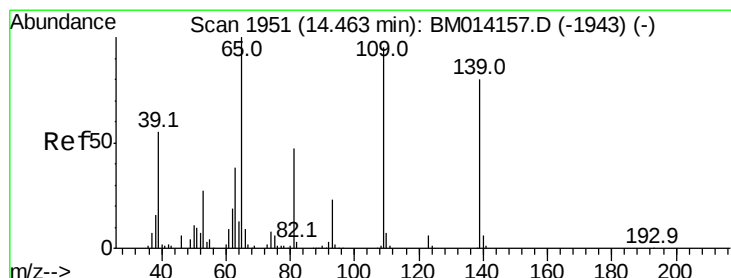
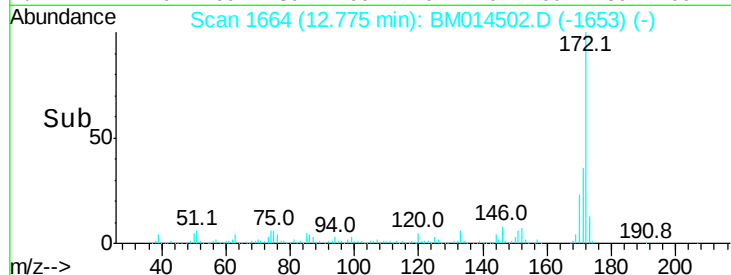
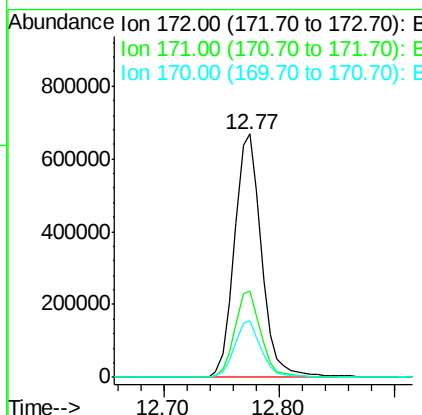
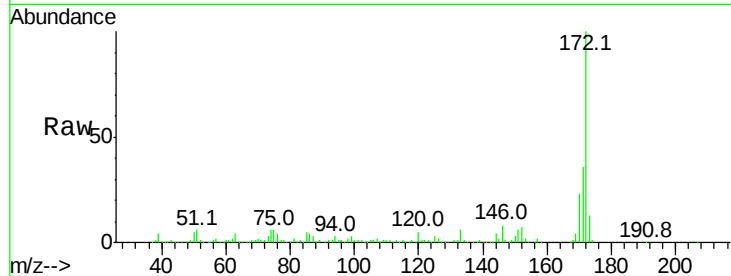




#44
 2-Fluorobiphenyl
 Concen: 62.869 ng
 RT: 12.77 min Scan# 1664
 Delta R.T. -0.04 min
 Lab File: BM014502.D
 Acq: 06 Mar 2018 17:35

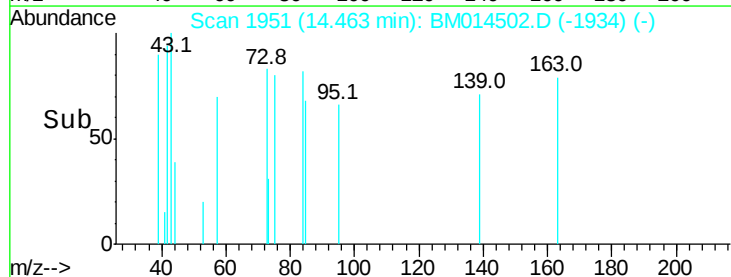
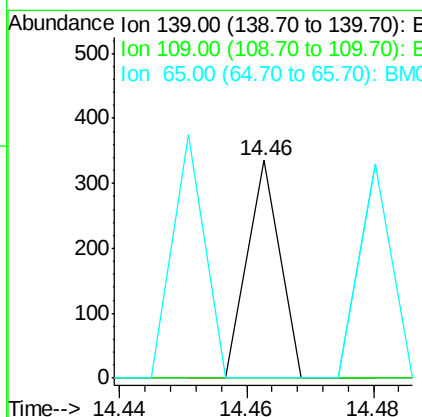
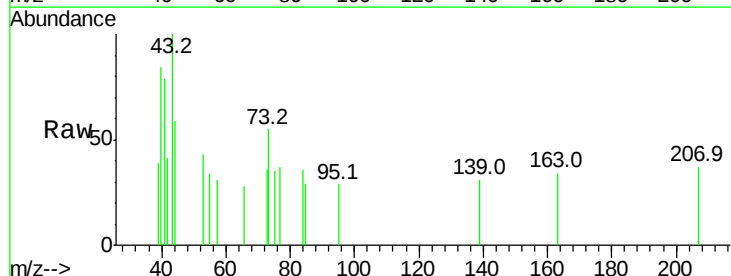
Instrument :
 BNA_M
 ClientSampleId :

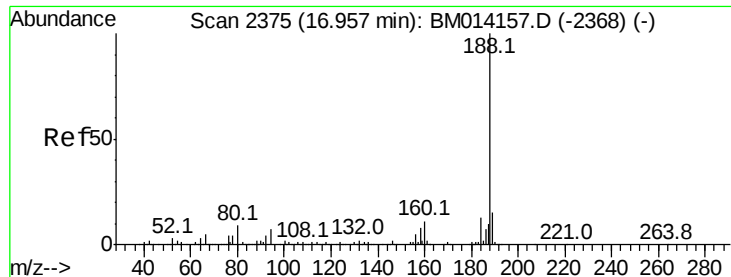
Tot Ion:172 Resp: 1085001
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.5 42.7
 170 23.3 18.8 28.2



#55
 4-Nitrophenol
 Concen: 5.826 ng
 RT: 14.46 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: BM014502.D
 Acq: 06 Mar 2018 17:35

Tgt Ion:139 Resp: 118
 Ion Ratio Lower Upper
 139 100
 109 0.0 130.0 170.0#
 65 0.0 130.0 170.0#

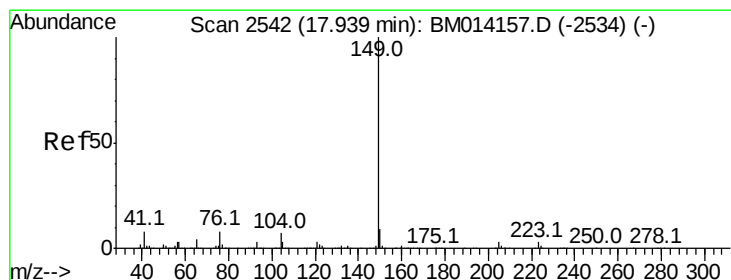
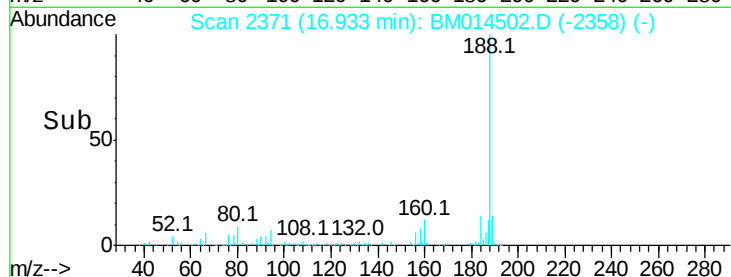
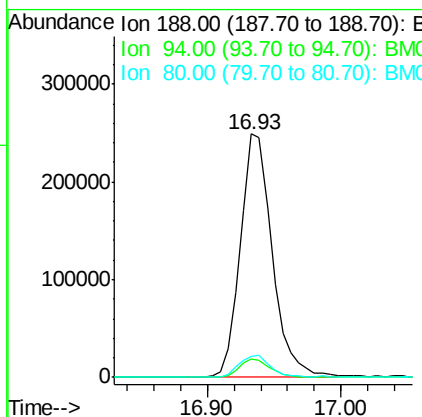
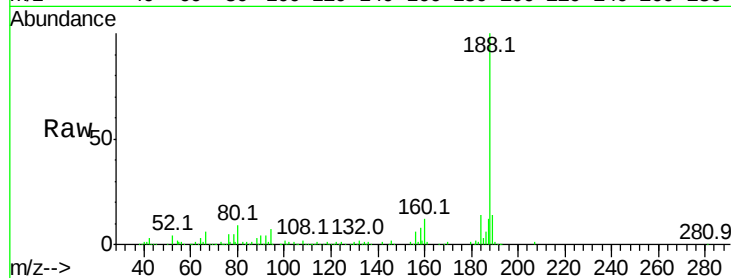




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.93 min Scan# 2371
 Delta R.T. -0.02 min
 Lab File: BM014502.D
 Acq: 06 Mar 2018 17:35

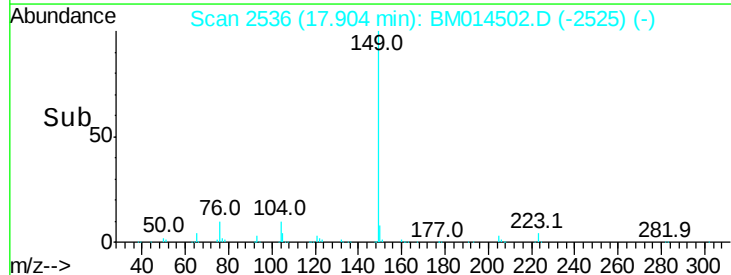
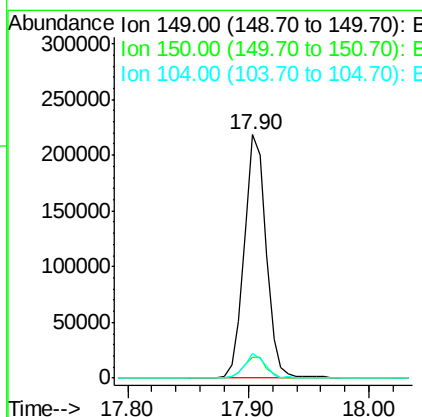
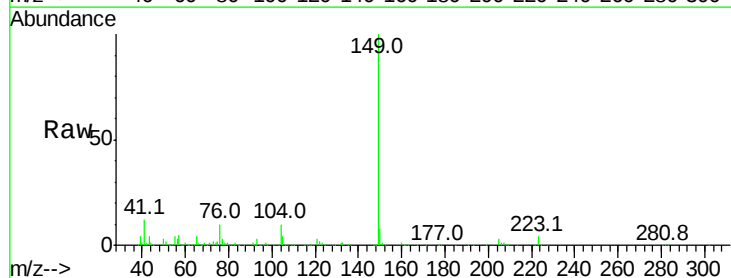
Instrument :
 BNA_M
 ClientSampleId :

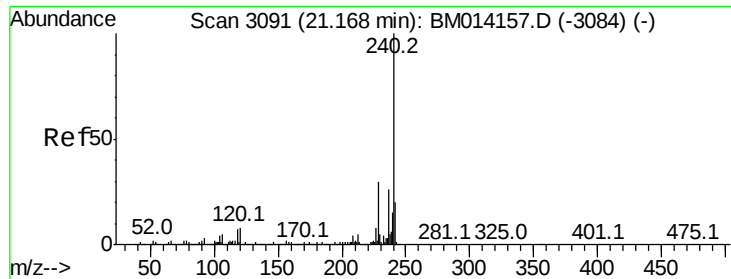
Tot Ion:188 Resp: 411270
 Ion Ratio Lower Upper
 188 100
 94 7.4 8.7 13.1#
 80 8.6 9.3 13.9#



#73
 Di-n-butylphthalate
 Concen: 9.612 ng
 RT: 17.90 min Scan# 2536
 Delta R.T. -0.04 min
 Lab File: BM014502.D
 Acq: 06 Mar 2018 17:35

Tgt Ion:149 Resp: 279511
 Ion Ratio Lower Upper
 149 100
 150 8.4 7.5 11.3
 104 10.4 3.7 5.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.16 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BM014502.D

Acq: 06 Mar 2018 17:35

Instrument :

BNA_M

ClientSampleId :

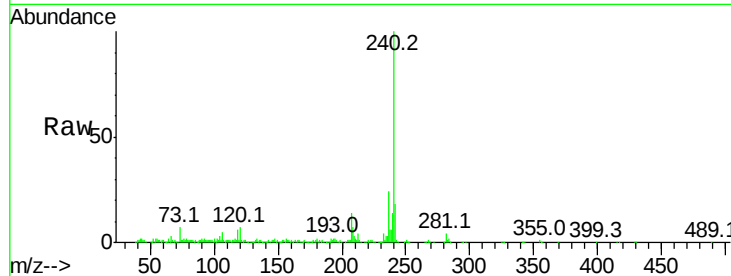
Tot Ion:240 Resp: 328754

Ion Ratio Lower Upper

240 100

120 6.7 8.2 12.2#

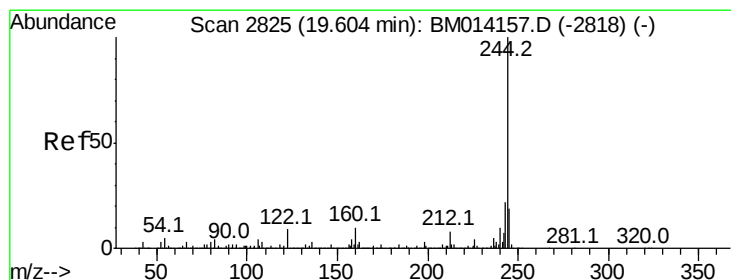
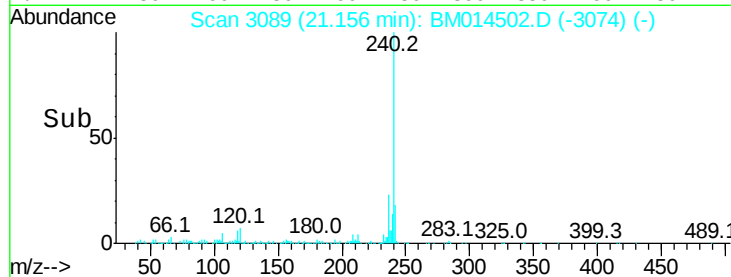
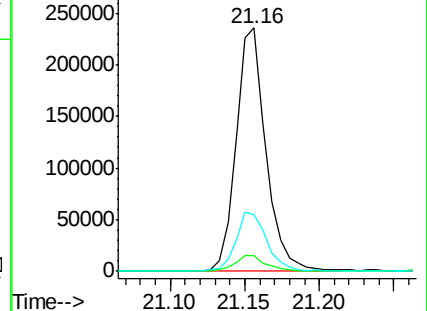
236 23.5 20.0 30.0



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: 62.815 ng

RT: 19.58 min Scan# 2821

Delta R.T. -0.02 min

Lab File: BM014502.D

Acq: 06 Mar 2018 17:35

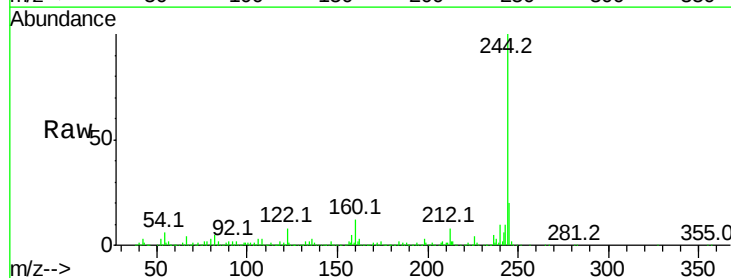
Tgt Ion:244 Resp: 1056866

Ion Ratio Lower Upper

244 100

212 8.2 4.9 7.3#

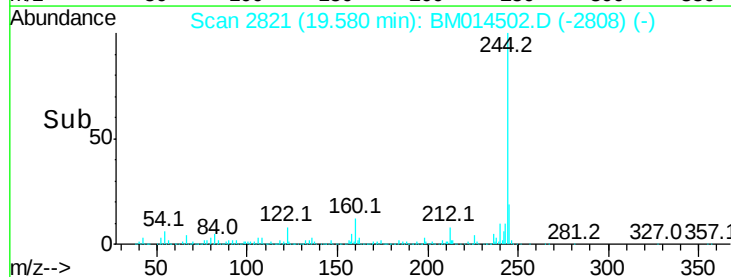
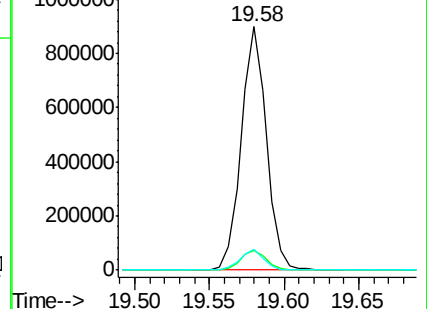
122 8.4 6.2 9.4

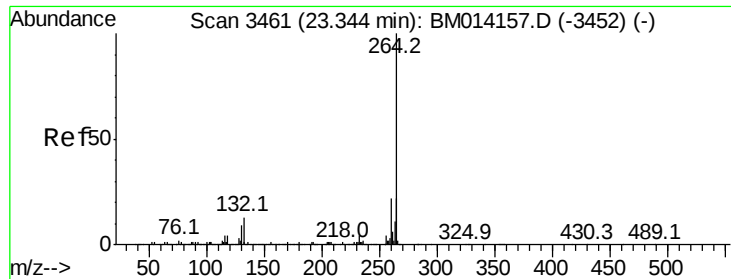


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

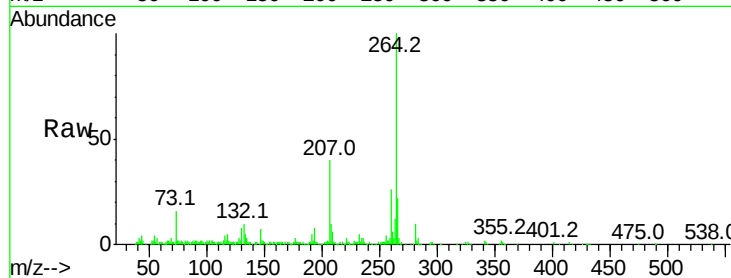




#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.33 min Scan# 3459
Delta R.T. -0.01 min
Lab File: BM014502.D
Acq: 06 Mar 2018 17:35

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	26.2	18.6	27.8
265	22.4	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

