

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010919\
 Data File : BM018497.D
 Acq On : 10 Jan 2019 06:57
 Operator : JU/SJ
 Sample : K1082-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP-1-1

Quant Time: Jan 10 08:22:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 10 05:57:41 2019
 Response via : Initial Calibration

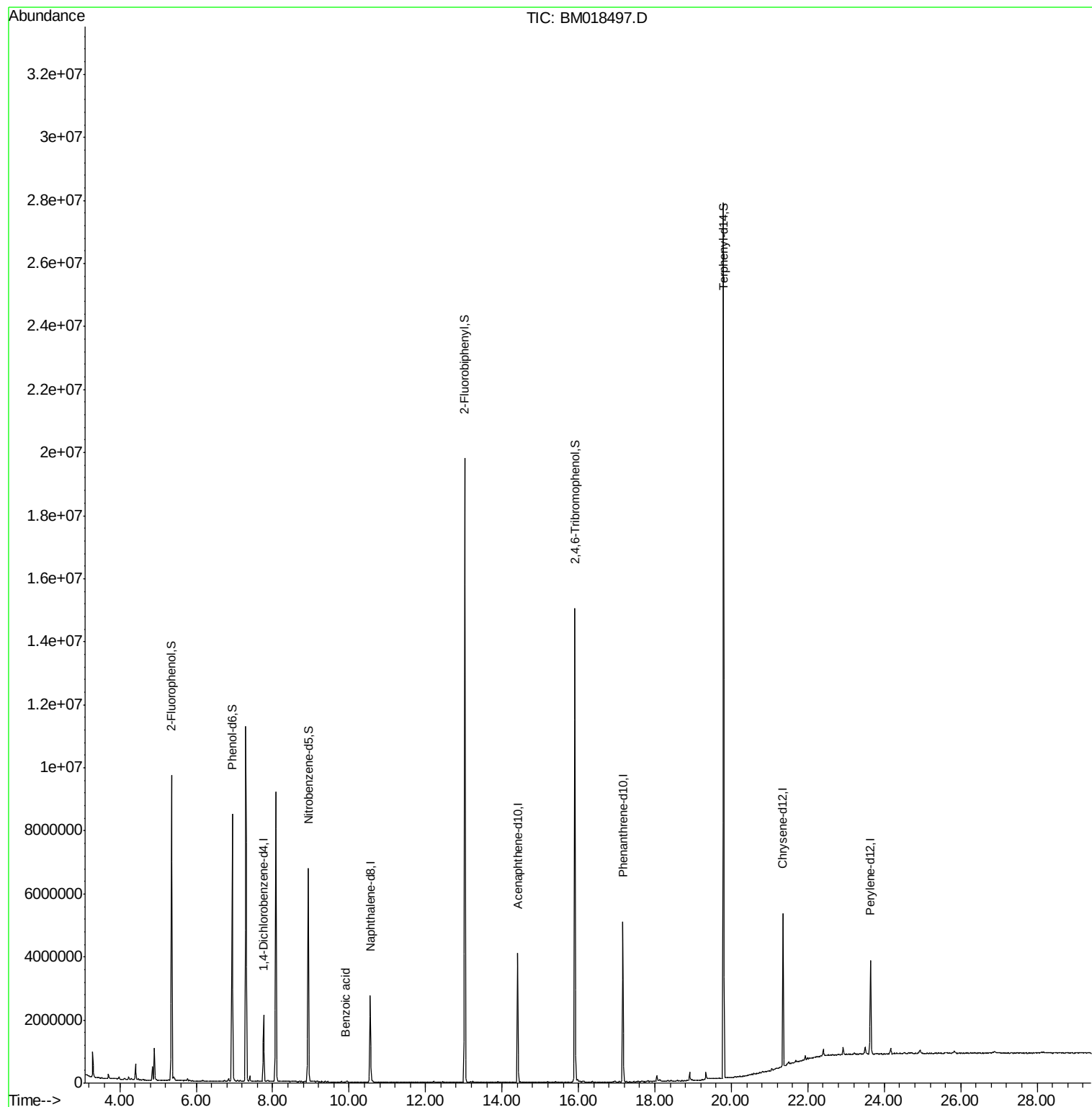
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	557201	20.00	ng	0.00
21) Naphthalene-d8	10.55	136	2357539	20.00	ng	0.00
39) Acenaphthene-d10	14.41	164	1360403	20.00	ng	0.00
64) Phenanthrene-d10	17.16	188	3024466	20.00	ng	0.00
76) Chrysene-d12	21.35	240	2234624	20.00	ng	0.00
87) Perylene-d12	23.64	264	2149753	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	4046264	134.09	ng	0.00
7) Phenol-d6	6.95	99	4719711	123.14	ng	0.01
23) Nitrobenzene-d5	8.93	82	3770103	92.71	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	2665170	153.86	ng	0.00
45) 2-Fluorobiphenyl	13.03	172	9726605	93.30	ng	0.00
79) Terphenyl-d14	19.79	244	11732131	110.68	ng	0.00
Target Compounds						
9) Benzaldehyde	6.90	77	2491	Below Cal	#	1
32) Benzoic acid	9.90	122	115	6.507 ng	#	1

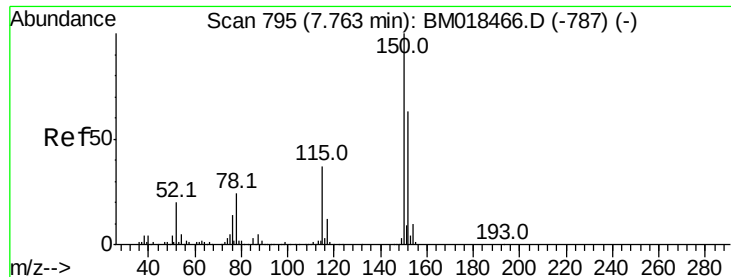
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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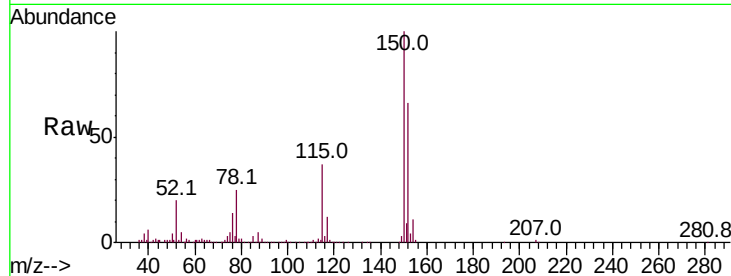


#1

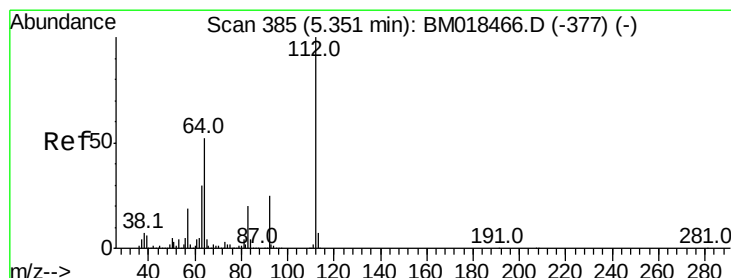
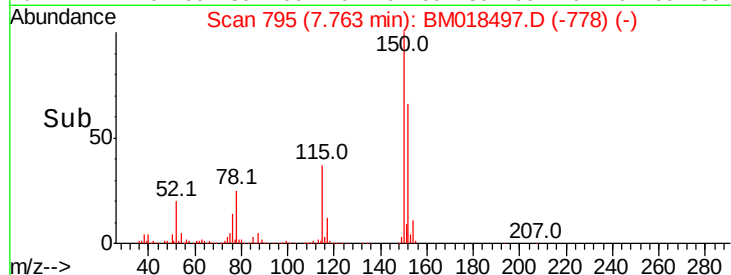
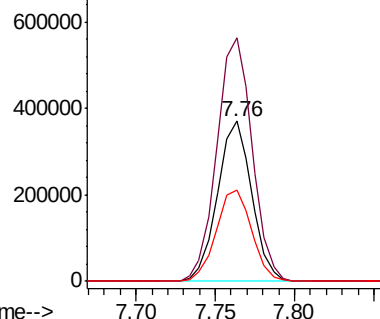
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 795
Delta R.T. 0.00 min
Lab File: BM018497.D
Acq: 10 Jan 2019 06:57

Instrument :
BNA_M
ClientSampleId :
SP-1-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.0	126.9	190.3
115	56.9	45.5	68.3



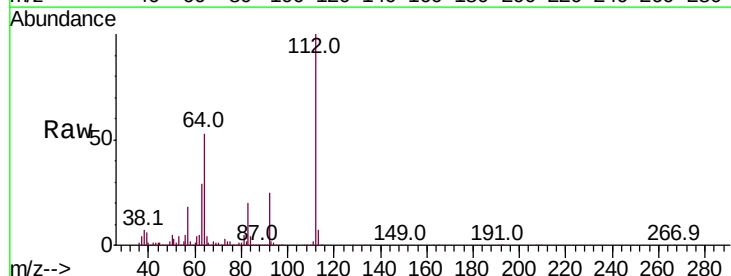
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



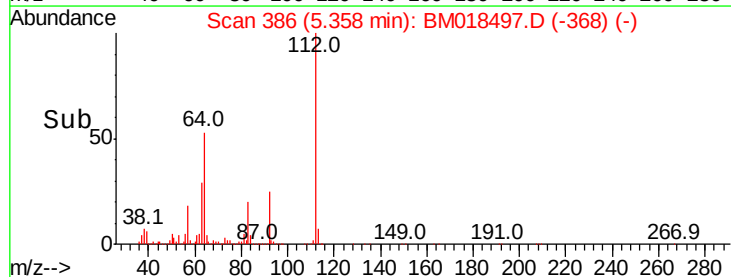
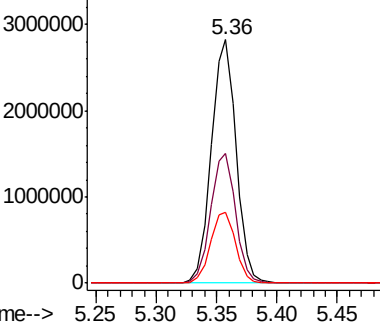
#5

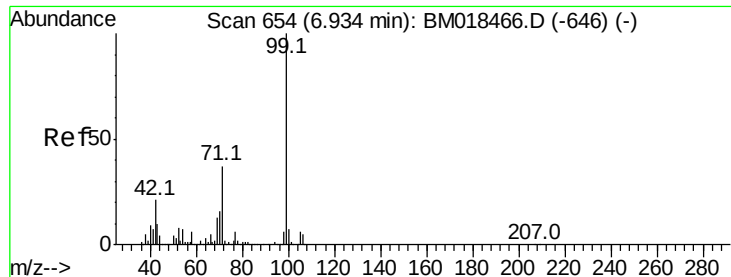
2-Fluorophenol
Concen: 134.088 ng
RT: 5.36 min Scan# 386
Delta R.T. 0.01 min
Lab File: BM018497.D
Acq: 10 Jan 2019 06:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.5	46.5	69.7
63	29.1	25.2	37.8



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: 123.142 ng

RT: 6.95 min Scan# 656

Delta R.T. 0.01 min

Lab File: BM018497.D

Acq: 10 Jan 2019 06:57

Instrument :

BNA_M

ClientSampleId :

SP-1-1

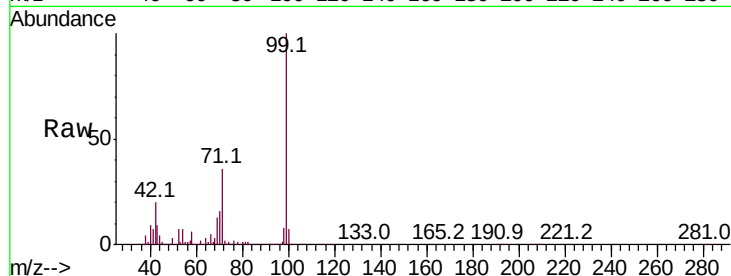
Tot Ion: 99 Resp: 4719711

Ion Ratio Lower Upper

99 100

42 19.7 17.3 25.9

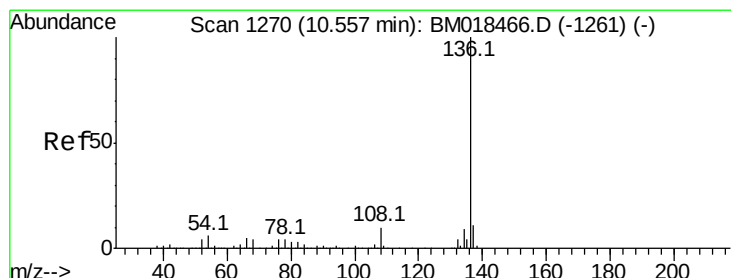
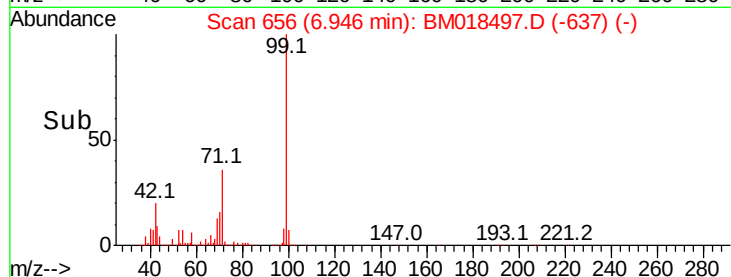
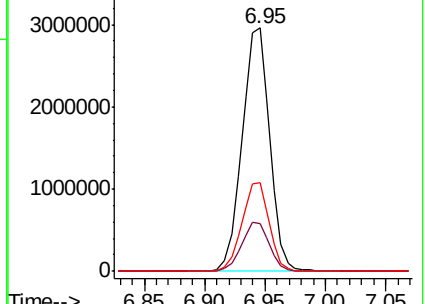
71 36.2 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018466.D (-646) (-)

Ion 42.00 (41.70 to 42.70): BM018466.D (-646) (-)

Ion 71.00 (70.70 to 71.70): BM018466.D (-646) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.55 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BM018497.D

Acq: 10 Jan 2019 06:57

Tgt Ion:136 Resp: 2357539

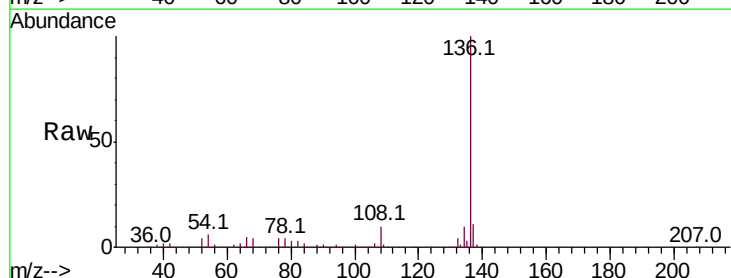
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 6.5 6.0 9.0

68 4.4 4.5 6.7#

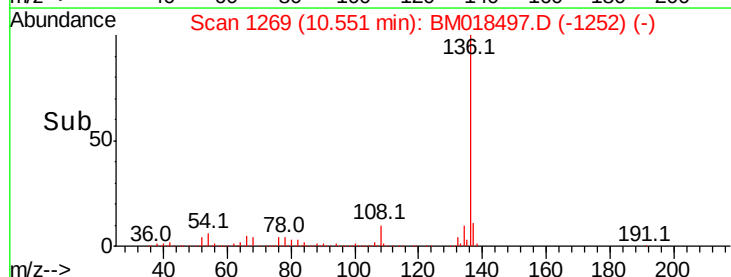
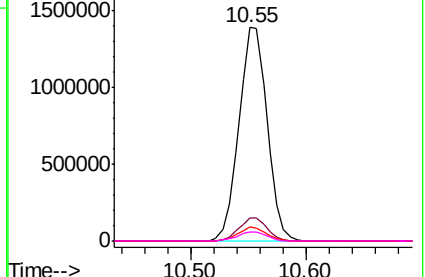


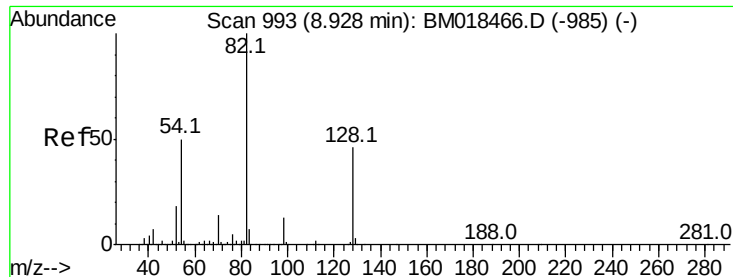
Abundance Ion 136.00 (135.70 to 136.70): BM018466.D (-1261) (-)

Ion 137.00 (136.70 to 137.70): BM018466.D (-1261) (-)

Ion 54.00 (53.70 to 54.70): BM018466.D (-1261) (-)

Ion 68.00 (67.70 to 68.70): BM018466.D (-1261) (-)





#23

Nitrobenzene-d5

Concen: 92.705 ng

RT: 8.93 min Scan# 993

Delta R.T. 0.01 min

Lab File: BM018497.D

Acq: 10 Jan 2019 06:57

Instrument :

BNA_M

ClientSampleId :

SP-1-1

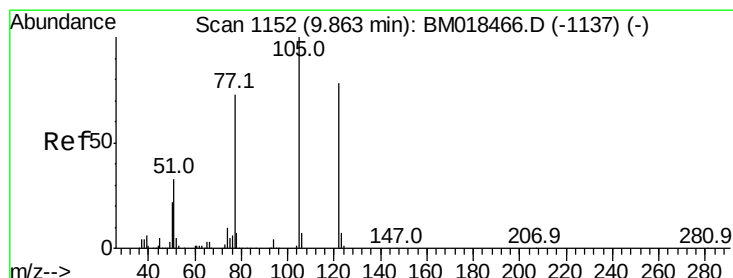
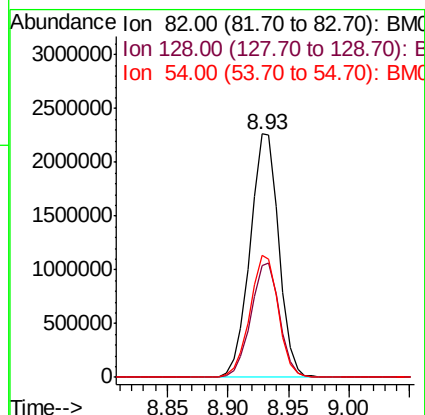
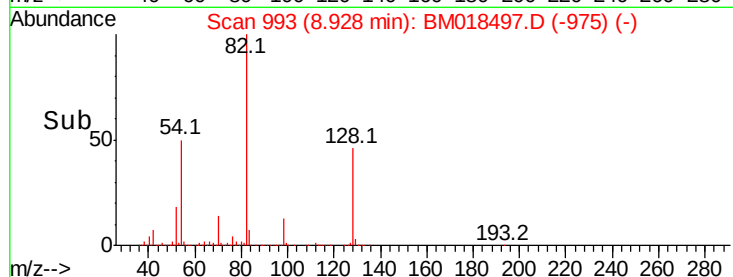
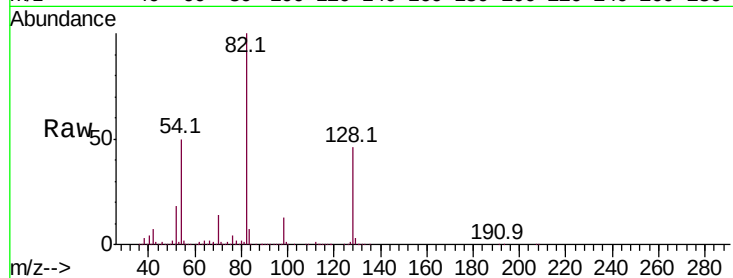
Tot Ion: 82 Resp: 3770103

Ion Ratio Lower Upper

82 100

128 46.0 36.3 54.5

54 50.1 41.7 62.5



#32

Benzoic acid

Concen: 6.507 ng

RT: 9.90 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BM018497.D

Acq: 10 Jan 2019 06:57

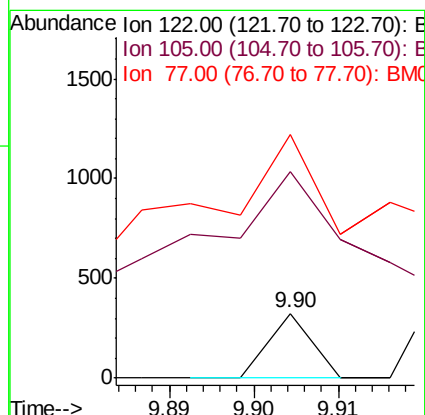
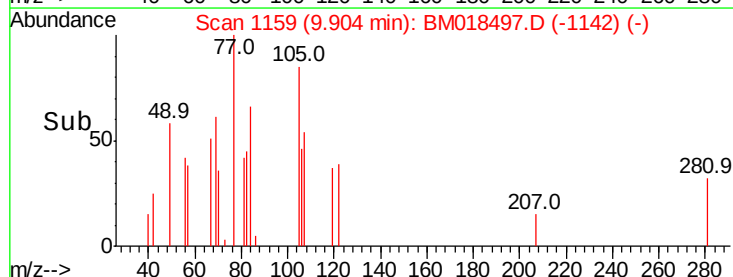
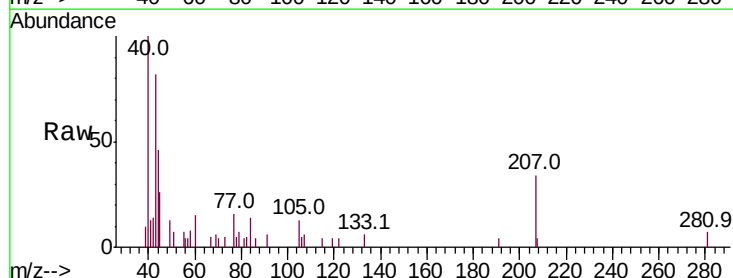
Tgt Ion: 122 Resp: 115

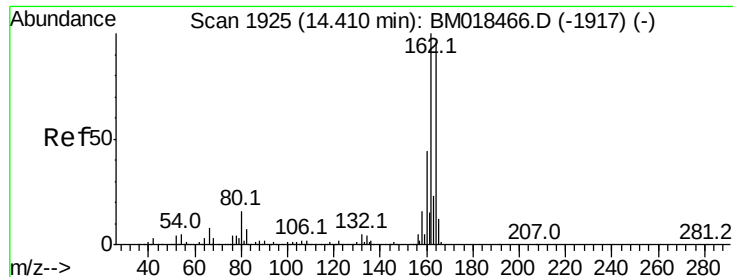
Ion Ratio Lower Upper

122 100

105 318.5 100.4 140.4#

77 375.7 71.7 111.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.41 min Scan# 1925

Delta R.T. 0.00 min

Lab File: BM018497.D

Acq: 10 Jan 2019 06:57

Instrument :

BNA_M

ClientSampleId :

SP-1-1

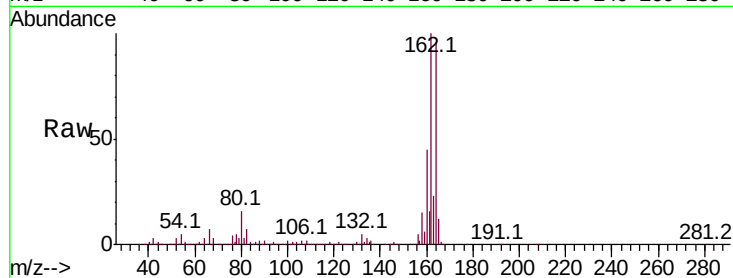
Tot Ion:164 Resp: 1360403

Ion Ratio Lower Upper

164 100

162 104.1 83.0 124.4

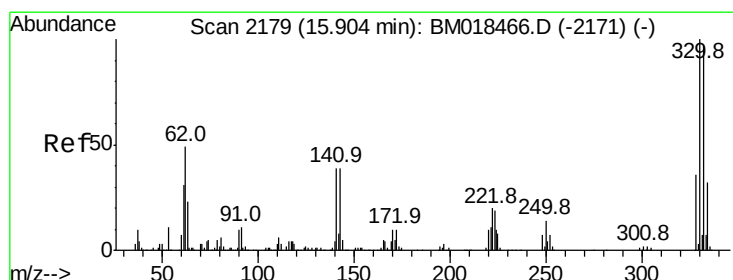
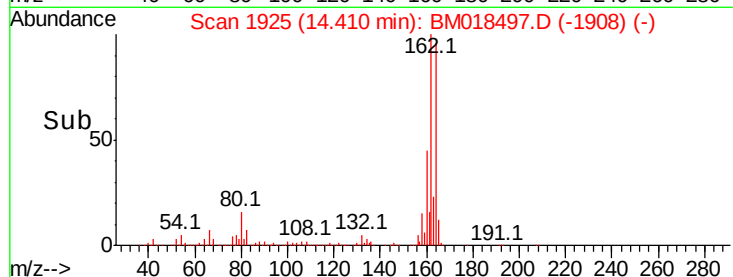
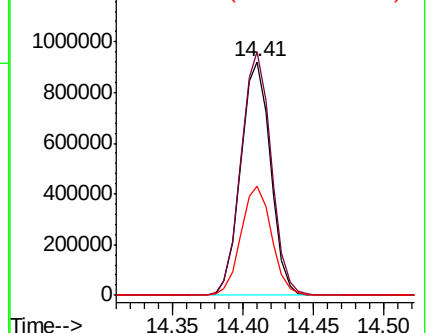
160 46.9 37.1 55.7



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



#42

2,4,6-Tribromophenol

Concen: 153.863 ng

RT: 15.90 min Scan# 2179

Delta R.T. 0.00 min

Lab File: BM018497.D

Acq: 10 Jan 2019 06:57

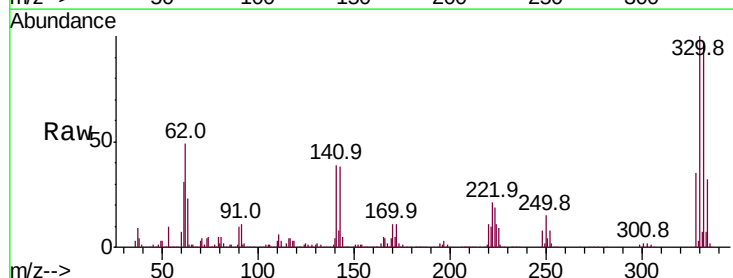
Tgt Ion:330 Resp: 2665170

Ion Ratio Lower Upper

330 100

332 96.3 77.6 116.4

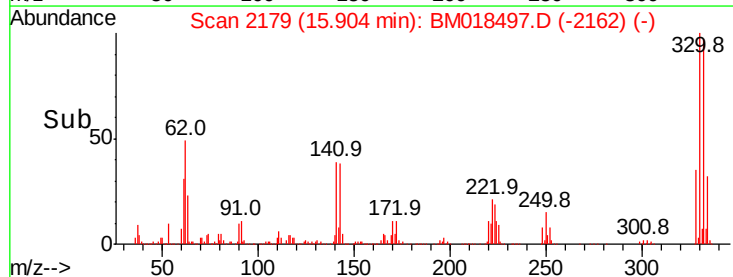
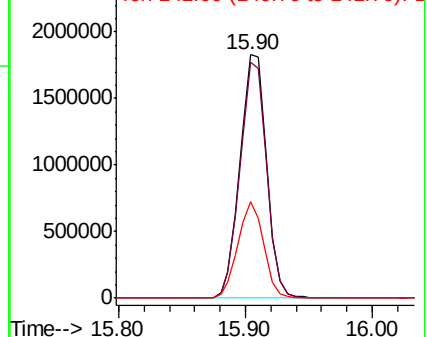
141 38.1 31.7 47.5

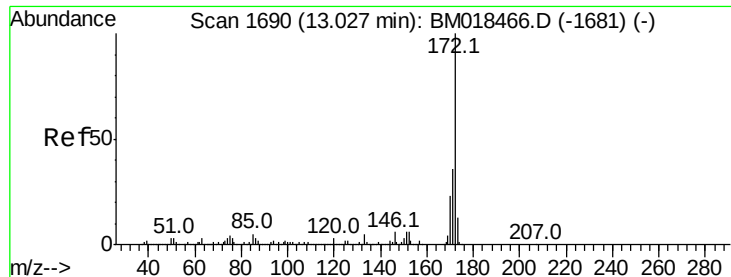


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

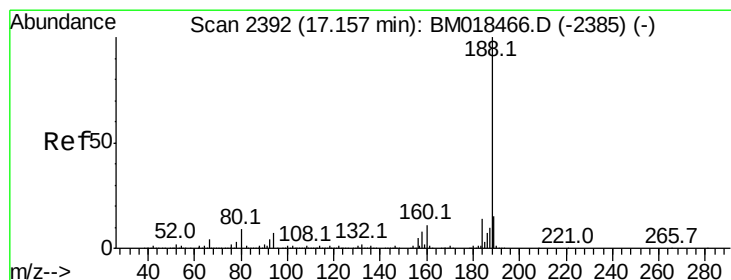
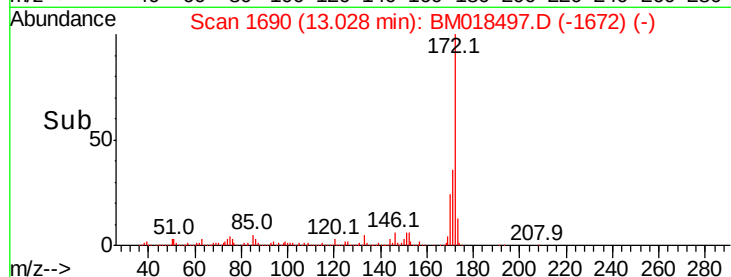
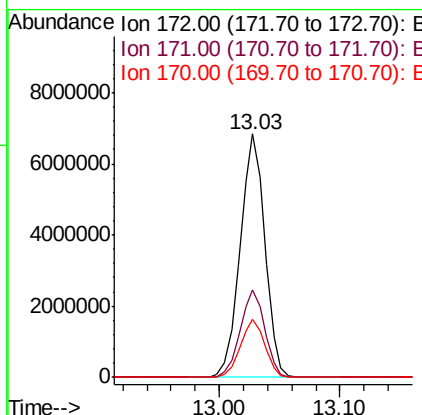
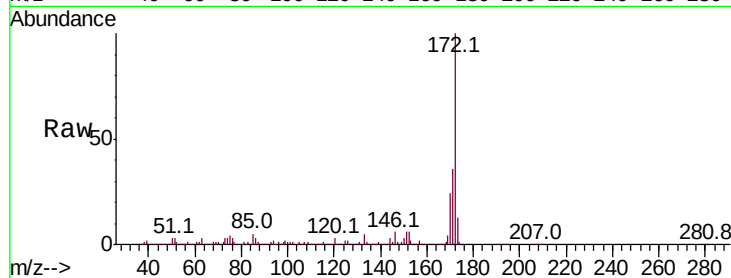




#45
2-Fluorobiphenyl
Concen: 93.295 ng
RT: 13.03 min Scan# 1690
Delta R.T. 0.01 min
Lab File: BM018497.D
Acq: 10 Jan 2019 06:57

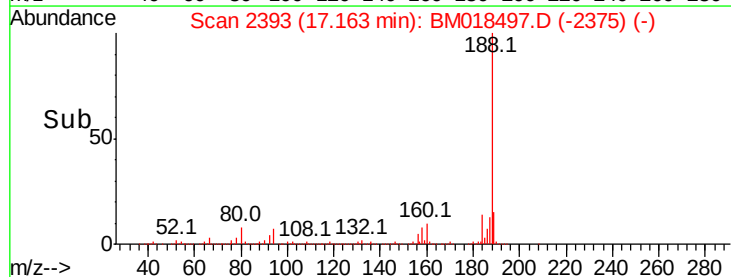
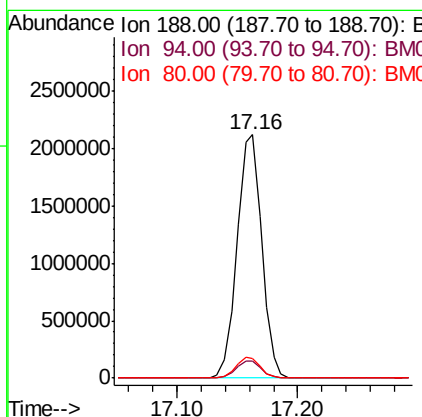
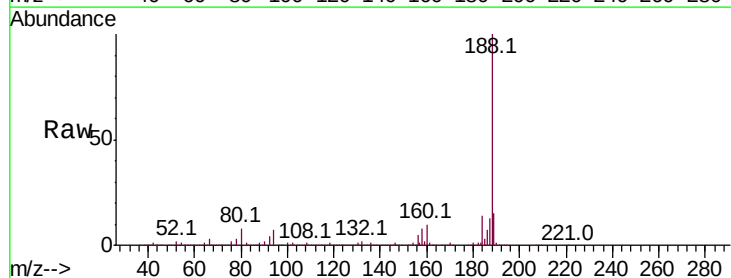
Instrument :
BNA_M
ClientSampleId :
SP-1-1

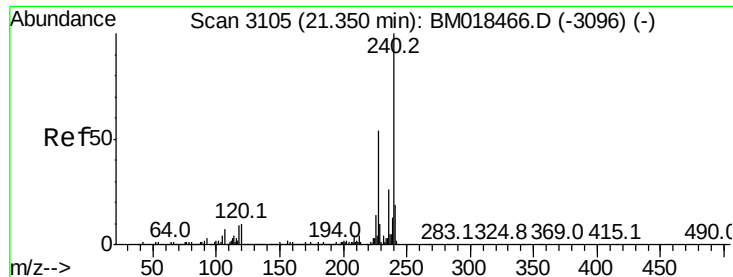
Tot Ion:172 Resp: 9726605
Ion Ratio Lower Upper
172 100
171 36.0 28.2 42.4
170 23.7 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.16 min Scan# 2393
Delta R.T. 0.01 min
Lab File: BM018497.D
Acq: 10 Jan 2019 06:57

Tgt Ion:188 Resp: 3024466
Ion Ratio Lower Upper
188 100
94 7.2 7.1 10.7
80 8.1 7.6 11.4

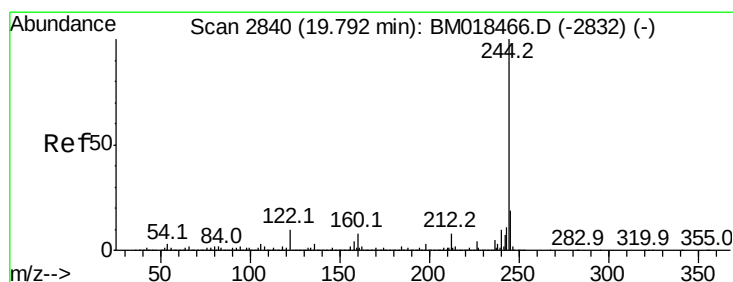
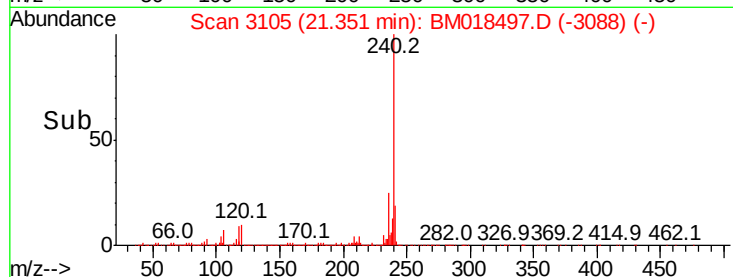
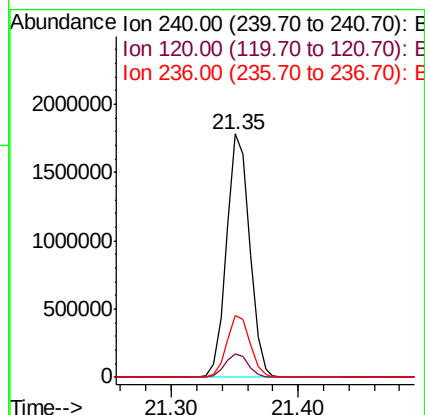
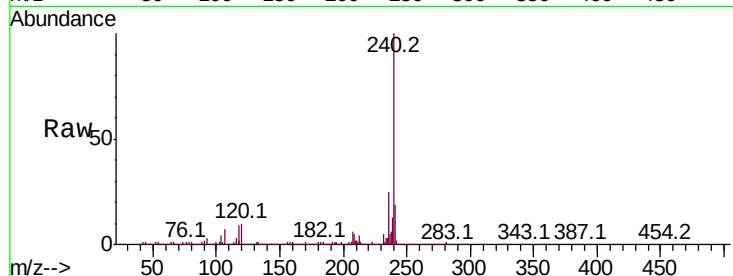




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.35 min Scan# 3105
Delta R.T. 0.00 min
Lab File: BM018497.D
Acq: 10 Jan 2019 06:57

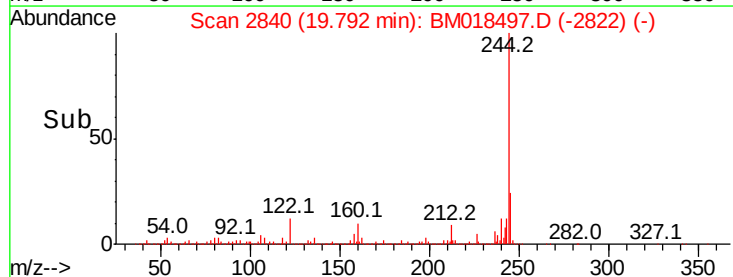
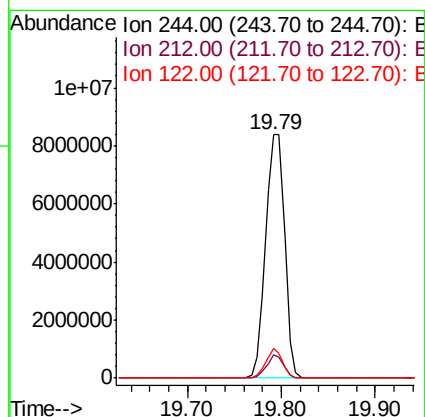
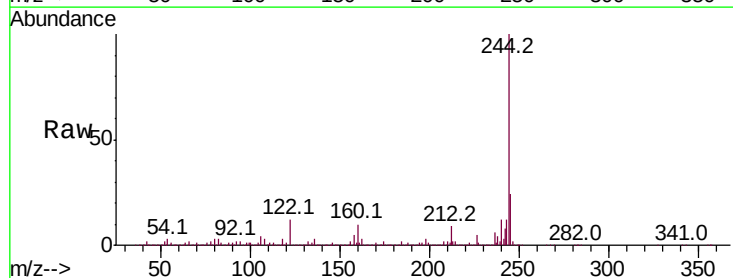
Instrument :
BNA_M
ClientSampleId :
SP-1-1

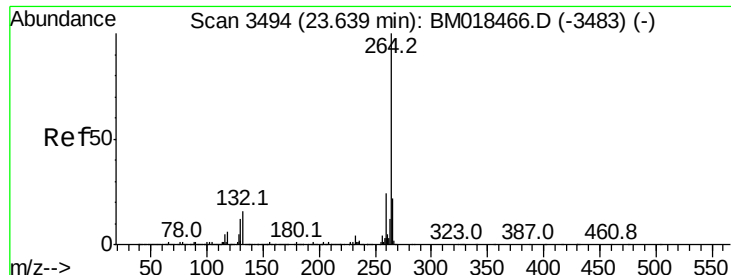
Tot Ion:240 Resp: 2234624
Ion Ratio Lower Upper
240 100
120 9.7 8.4 12.6
236 25.4 20.7 31.1



#79
Terphenyl-d14
Concen: 110.675 ng
RT: 19.79 min Scan# 2840
Delta R.T. 0.01 min
Lab File: BM018497.D
Acq: 10 Jan 2019 06:57

Tgt Ion:244 Resp:11732131
Ion Ratio Lower Upper
244 100
212 9.5 5.9 8.9#
122 12.4 9.0 13.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.64 min Scan# 3494
Delta R.T. 0.01 min
Lab File: BM018497.D
Acq: 10 Jan 2019 06:57

Instrument :
BNA_M
ClientSampleId :
SP-1-1

Tot Ion:264 Resp: 2149753

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	21.8	16.8	25.2

