

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010919\
 Data File : BM018493.D
 Acq On : 10 Jan 2019 04:32
 Operator : JU/SJ
 Sample : K1006-16
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JC-03-010819-H

Quant Time: Jan 10 05:44:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 12:39:07 2019
 Response via : Initial Calibration

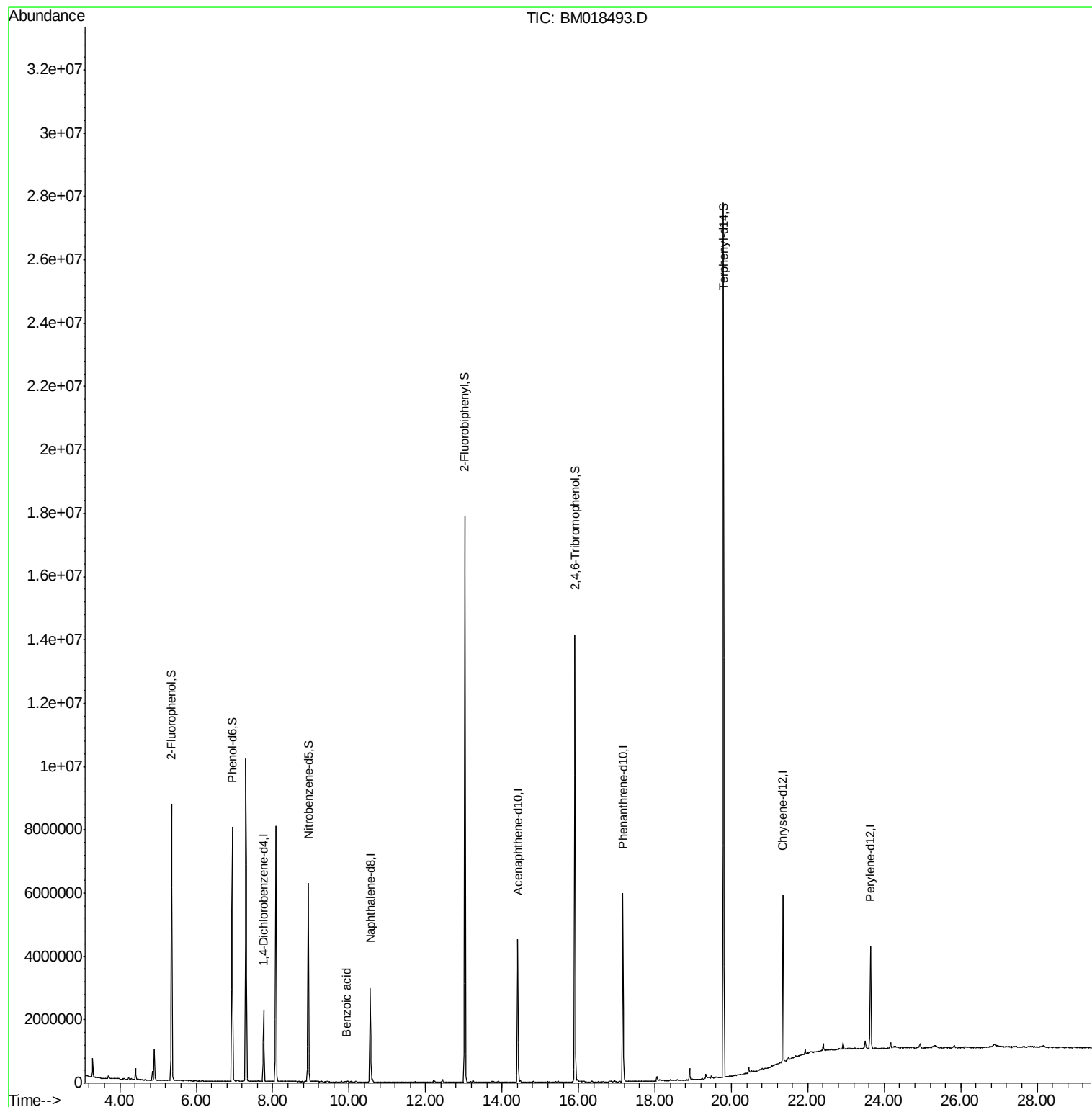
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	590308	20.00	ng	0.00
21) Naphthalene-d8	10.56	136	2528325	20.00	ng	0.00
39) Acenaphthene-d10	14.41	164	1486005	20.00	ng	0.00
64) Phenanthrene-d10	17.16	188	3392880	20.00	ng	0.00
76) Chrysene-d12	21.36	240	2508090	20.00	ng	0.00
87) Perylene-d12	23.64	264	2350533	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	3672894	114.89	ng	0.00
7) Phenol-d6	6.95	99	4393566	108.20	ng	0.01
23) Nitrobenzene-d5	8.93	82	3429528	78.63	ng	0.01
42) 2,4,6-Tribromophenol	15.91	330	2527802	133.60	ng	0.00
45) 2-Fluorobiphenyl	13.03	172	9044407	79.42	ng	0.00
79) Terphenyl-d14	19.79	244	11606793	97.55	ng	0.00
Target Compounds						
9) Benzaldehyde	6.89	77	315	Below Cal	#	25
32) Benzoic acid	9.92	122	684	6.530 ng	#	59

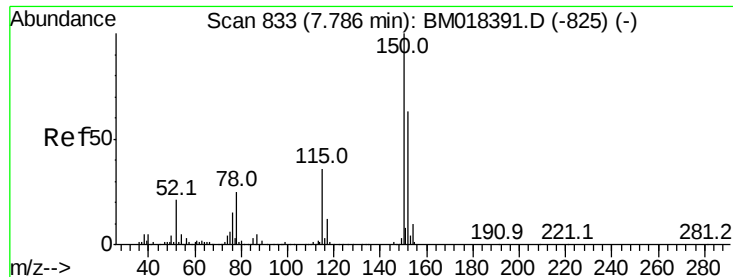
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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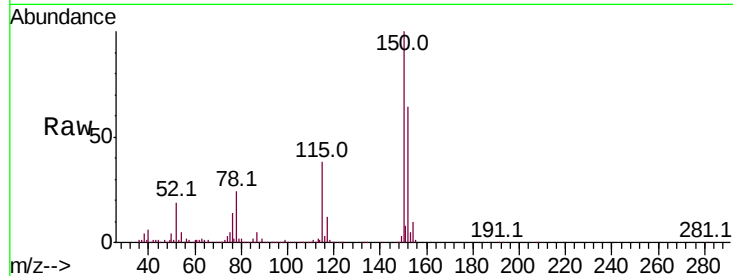


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 795
Delta R.T. -0.00 min
Lab File: BM018493.D
Acq: 10 Jan 2019 04:32

Instrument :
BNA_M
ClientSampleId :
JC-03-010819-H

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	126.9	190.3
115	58.8	45.5	68.3

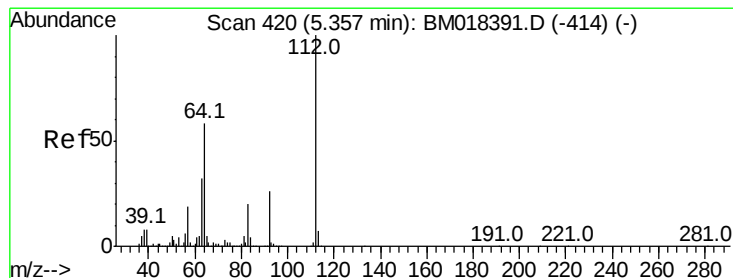
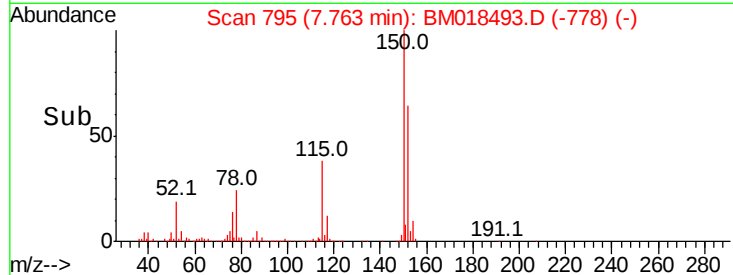
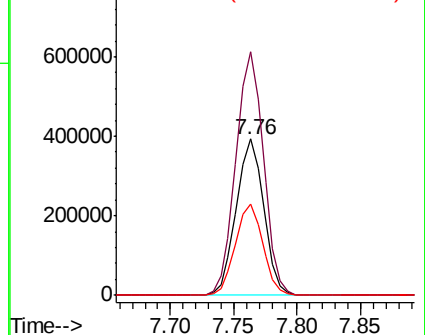


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

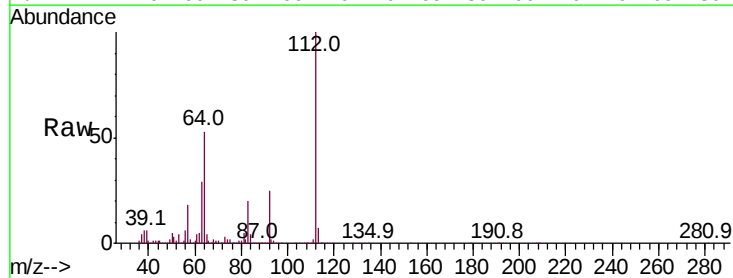
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 114.889 ng
RT: 5.36 min Scan# 386
Delta R.T. 0.01 min
Lab File: BM018493.D
Acq: 10 Jan 2019 04:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.8	46.5	69.7
63	29.3	25.2	37.8

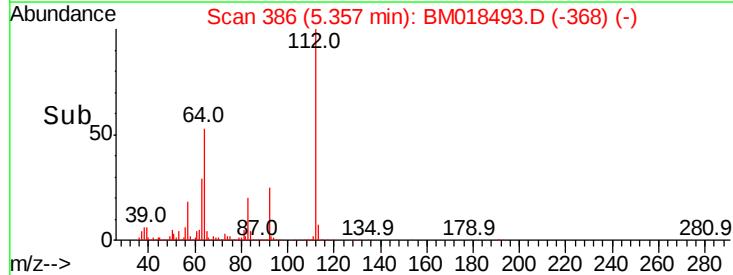
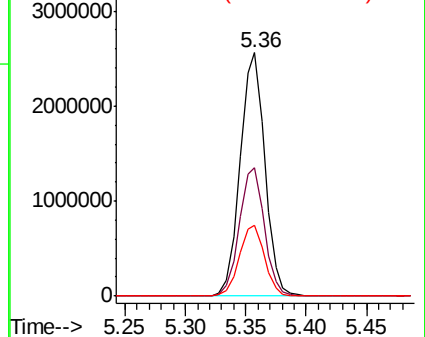


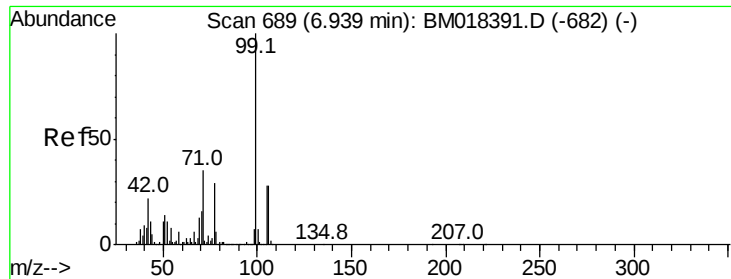
Abundance

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: 108.204 ng

RT: 6.95 min Scan# 656

Delta R.T. 0.01 min

Lab File: BM018493.D

Acq: 10 Jan 2019 04:32

Instrument :

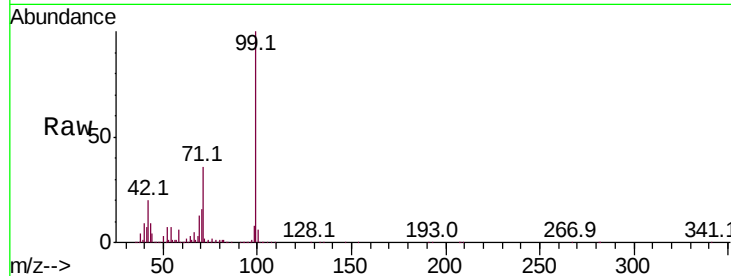
BNA_M

ClientSampleId :

JC-03-010819-H

Tot Ion: 99 Resp: 4393566

Ion	Ratio	Lower	Upper
99	100		
42	19.6	17.3	25.9
71	36.4	28.0	42.0

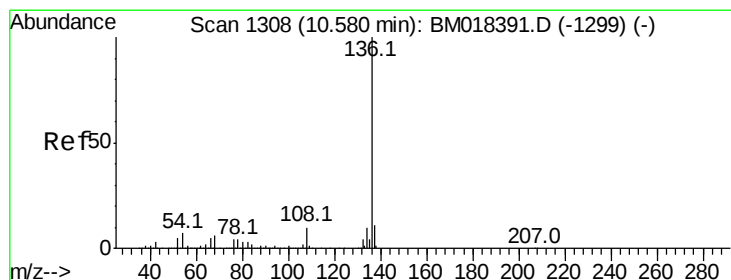
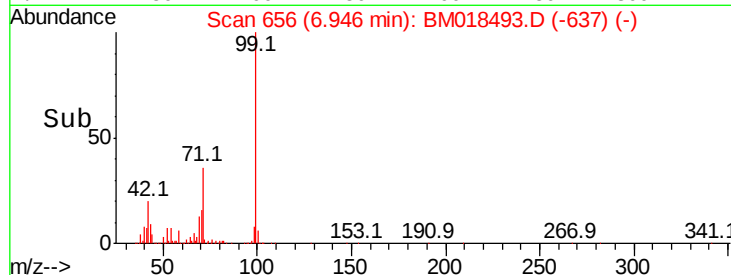
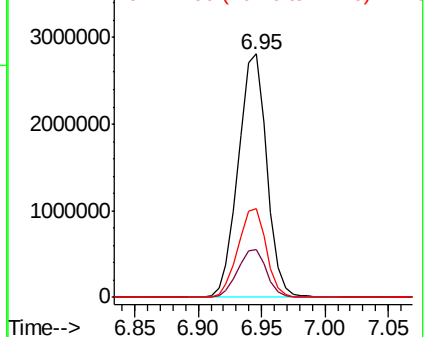


Abundance

Ion 99.00 (98.70 to 99.70): BM018391.D (-682) (-)

Ion 42.00 (41.70 to 42.70): BM018391.D (-682) (-)

Ion 71.00 (70.70 to 71.70): BM018391.D (-682) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.56 min Scan# 1270

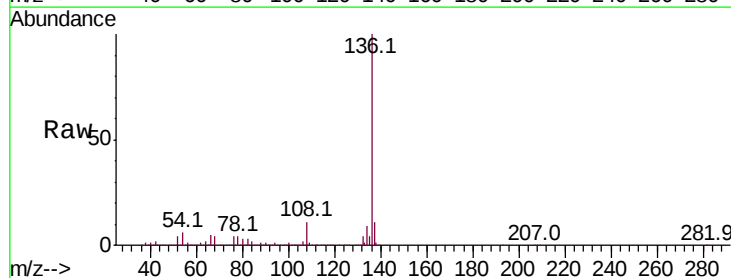
Delta R.T. 0.01 min

Lab File: BM018493.D

Acq: 10 Jan 2019 04:32

Tgt Ion: 136 Resp: 2528325

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	6.2	6.0	9.0
68	4.4	4.5	6.7#



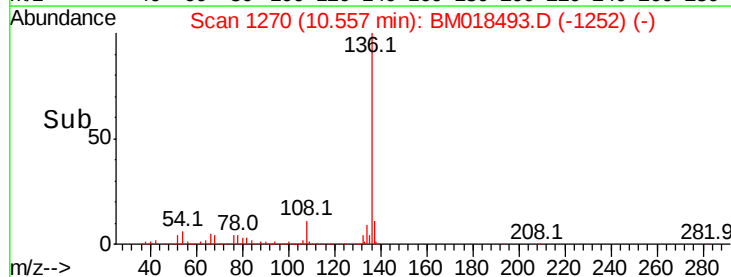
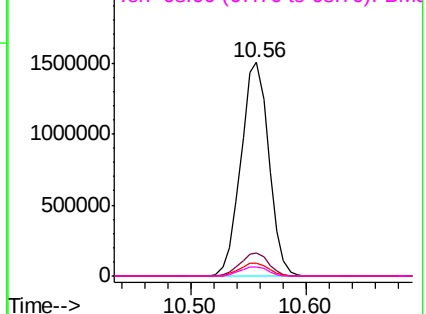
Abundance

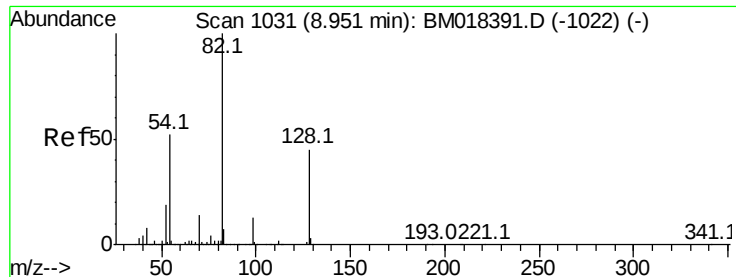
Ion 136.00 (135.70 to 136.70): BM018391.D (-1299) (-)

Ion 137.00 (136.70 to 137.70): BM018391.D (-1299) (-)

Ion 54.00 (53.70 to 54.70): BM018391.D (-1299) (-)

Ion 68.00 (67.70 to 68.70): BM018391.D (-1299) (-)

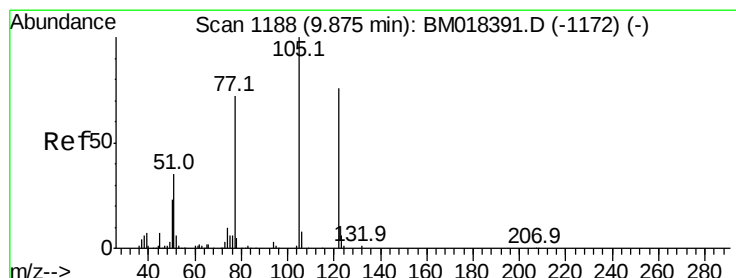
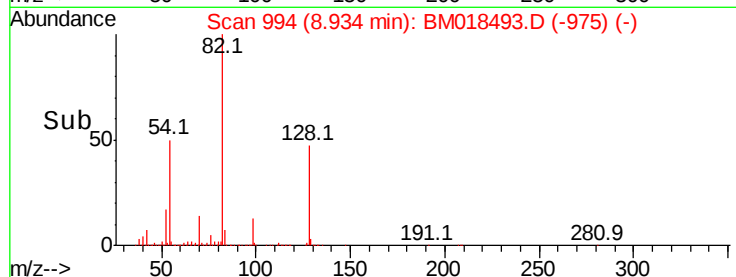
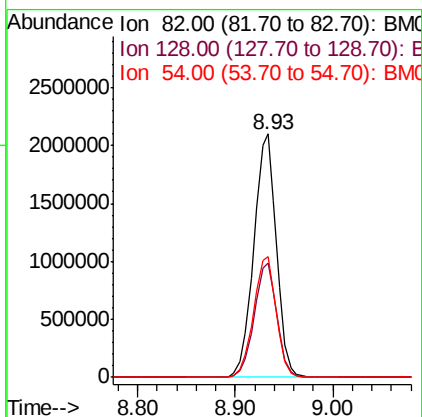
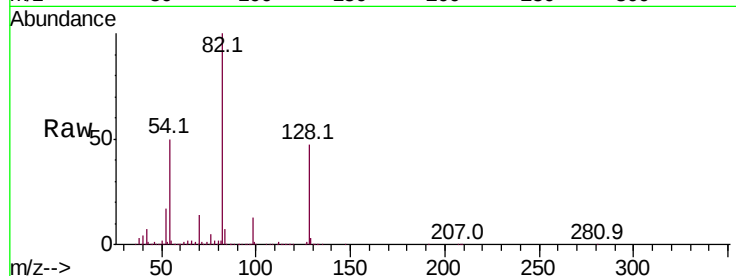




#23
 Nitrobenzene-d5
 Concen: 78.634 ng
 RT: 8.93 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: BM018493.D
 Acq: 10 Jan 2019 04:32

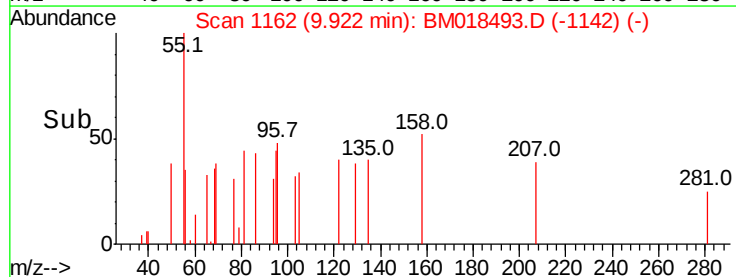
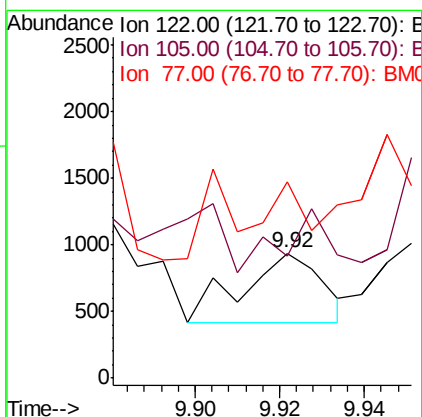
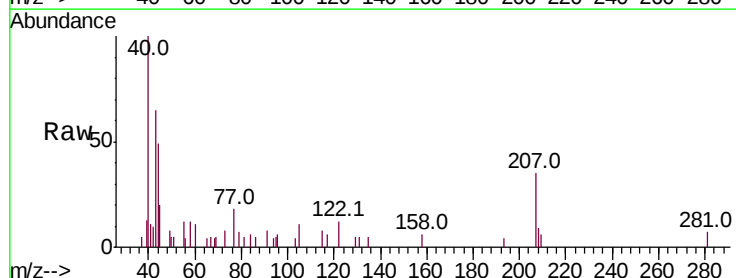
Instrument :
 BNA_M
 ClientSampleId :
 JC-03-010819-H

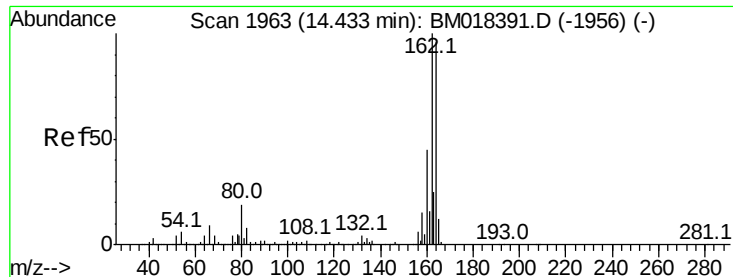
Tot Ion: 82 Resp: 3429528
 Ion Ratio Lower Upper
 82 100
 128 46.8 36.3 54.5
 54 49.6 41.7 62.5



#32
 Benzoic acid
 Concen: 6.530 ng
 RT: 9.92 min Scan# 1162
 Delta R.T. 0.02 min
 Lab File: BM018493.D
 Acq: 10 Jan 2019 04:32

Tgt Ion: 122 Resp: 684
 Ion Ratio Lower Upper
 122 100
 105 97.7 100.4 140.4#
 77 157.0 71.7 111.7#

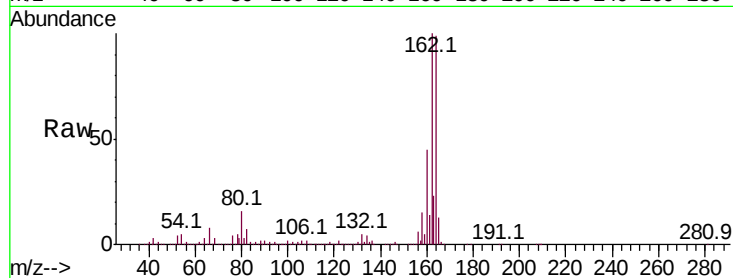




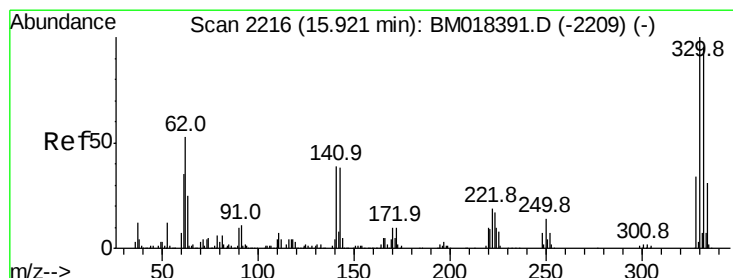
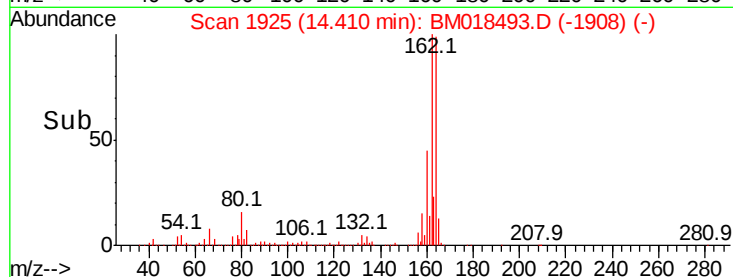
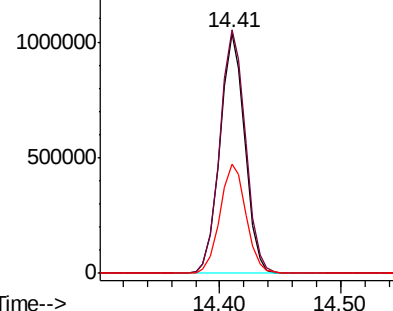
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.41 min Scan# 1925
Delta R.T. -0.00 min
Lab File: BM018493.D
Acq: 10 Jan 2019 04:32

Instrument :
BNA_M
ClientSampleId :
JC-03-010819-H

Tot Ion:164 Resp: 1486005
Ion Ratio Lower Upper
164 100
162 101.4 83.0 124.4
160 45.6 37.1 55.7

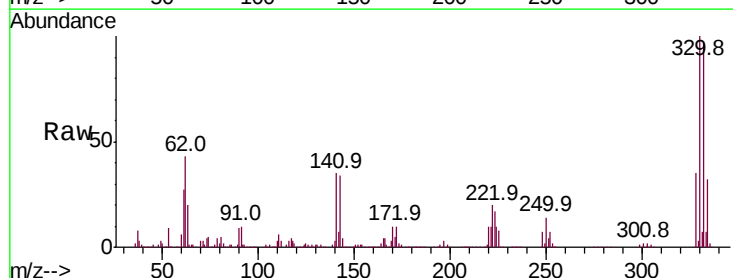


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

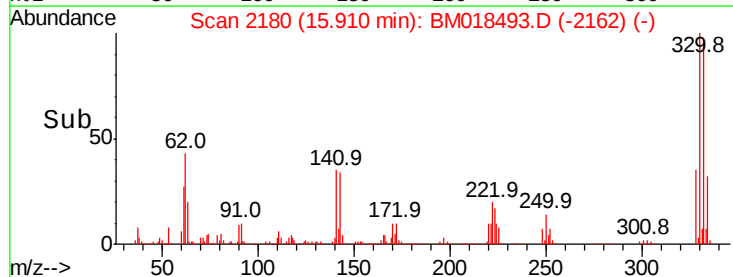
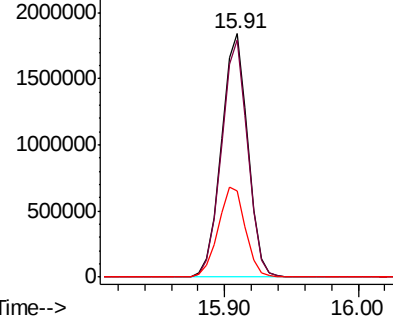


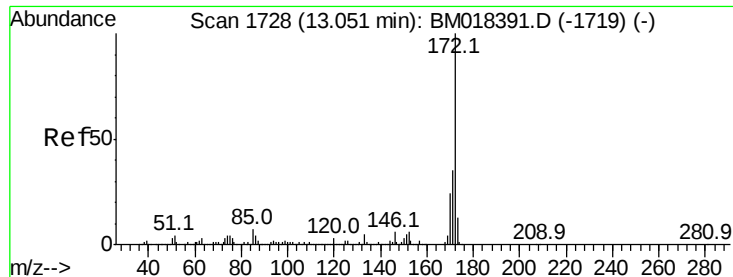
#42
2,4,6-Tribromophenol
Concen: 133.598 ng
RT: 15.91 min Scan# 2180
Delta R.T. 0.01 min
Lab File: BM018493.D
Acq: 10 Jan 2019 04:32

Tgt Ion:330 Resp: 2527802
Ion Ratio Lower Upper
330 100
332 96.7 77.6 116.4
141 38.4 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



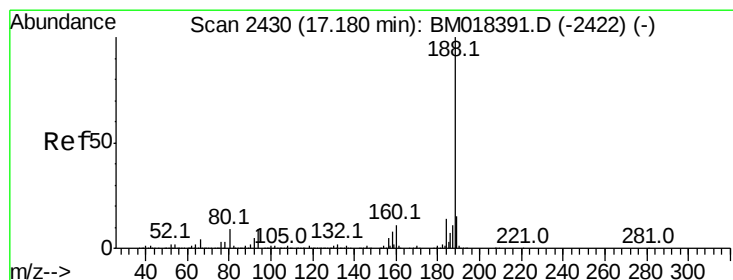
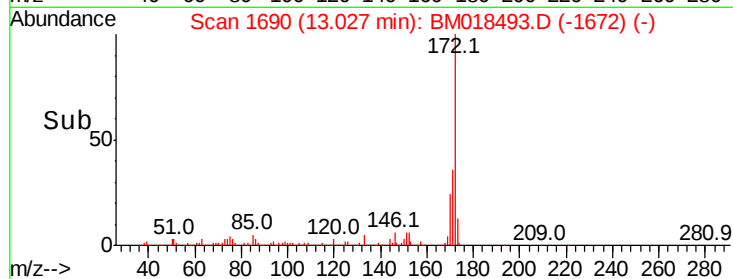
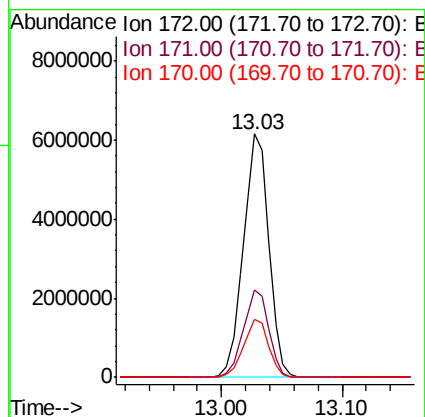
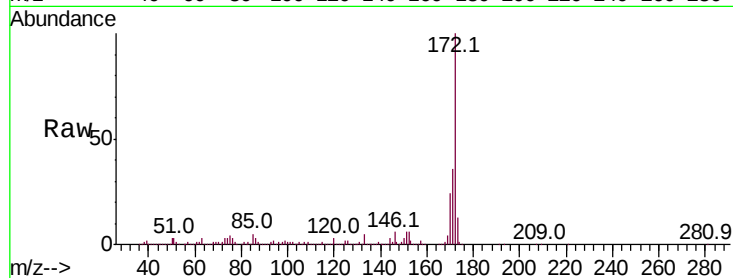


#45
2-Fluorobiphenyl
Concen: 79.419 ng
RT: 13.03 min Scan# 1690
Delta R.T. 0.01 min
Lab File: BM018493.D
Acq: 10 Jan 2019 04:32

Instrument :
BNA_M
ClientSampleId :
JC-03-010819-H

Tot Ion:172 Resp: 9044407

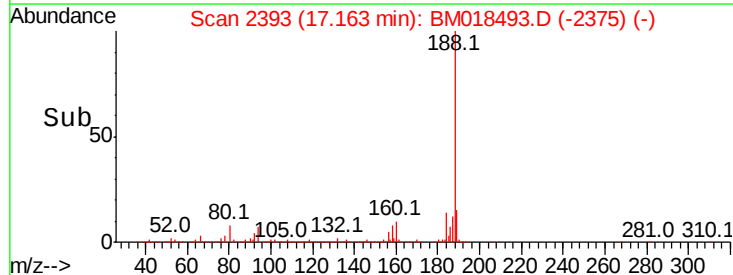
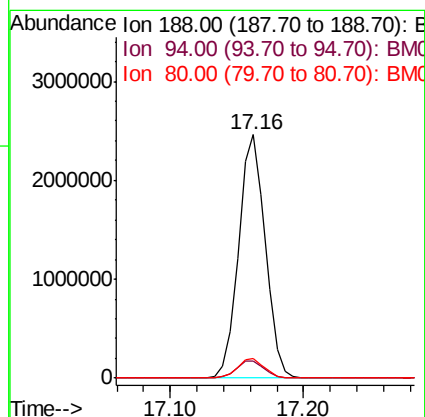
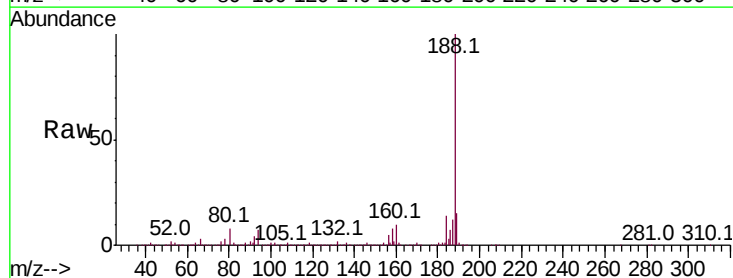
Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.2	42.4
170	23.9	18.9	28.3

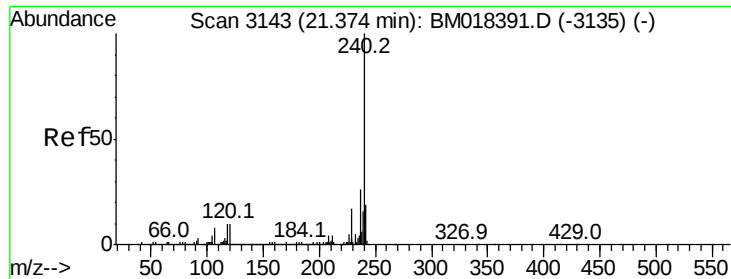


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.16 min Scan# 2393
Delta R.T. 0.01 min
Lab File: BM018493.D
Acq: 10 Jan 2019 04:32

Tgt Ion:188 Resp: 3392880

Ion	Ratio	Lower	Upper
188	100		
94	7.2	7.1	10.7
80	8.0	7.6	11.4

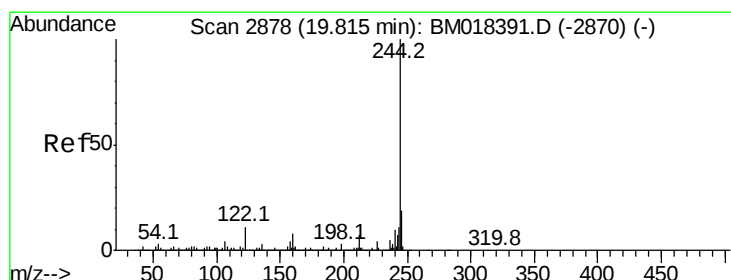
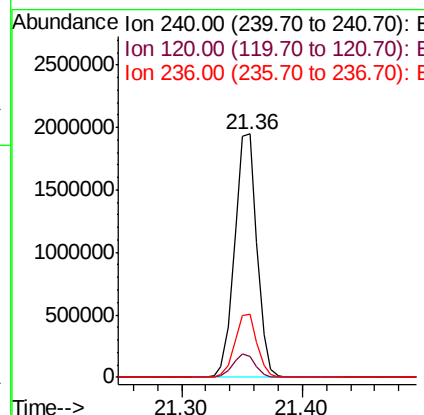
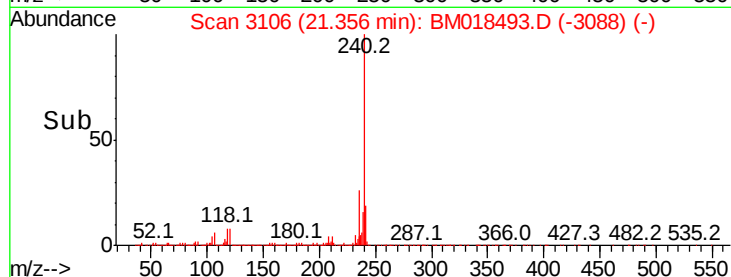
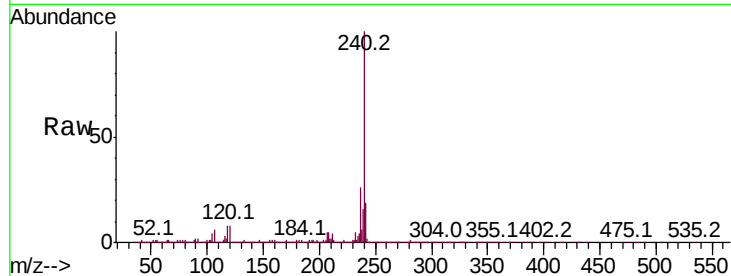




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.36 min Scan# 3106
 Delta R.T. 0.01 min
 Lab File: BM018493.D
 Acq: 10 Jan 2019 04:32

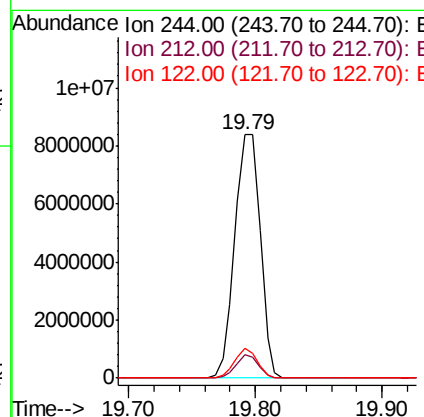
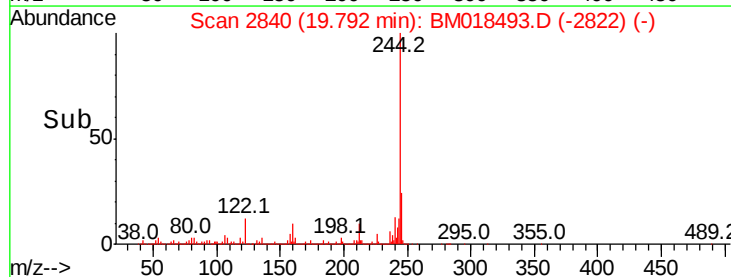
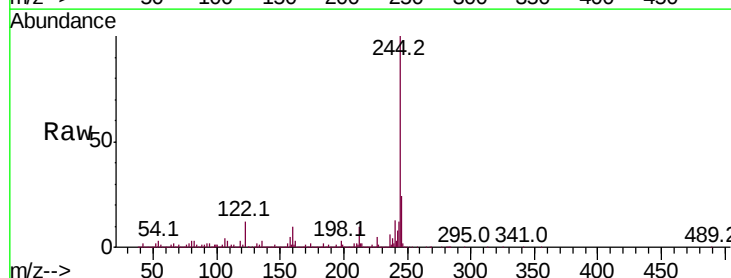
Instrument :
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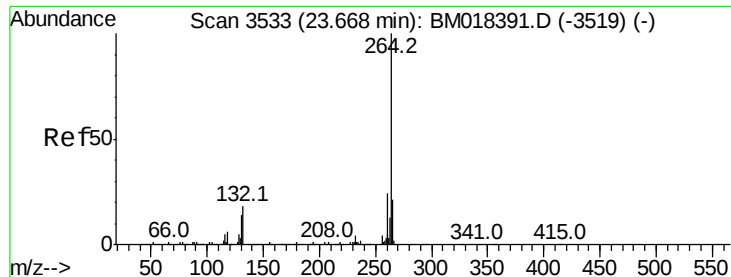
Tot Ion:240 Resp: 2508090
 Ion Ratio Lower Upper
 240 100
 120 8.5 8.4 12.6
 236 26.0 20.7 31.1



#79
 Terphenyl-d14
 Concen: 97.554 ng
 RT: 19.79 min Scan# 2840
 Delta R.T. 0.01 min
 Lab File: BM018493.D
 Acq: 10 Jan 2019 04:32

Tgt Ion:244 Resp:11606793
 Ion Ratio Lower Upper
 244 100
 212 9.5 5.9 8.9#
 122 12.5 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: BM018493.D
Acq: 10 Jan 2019 04:32

Instrument :
BNA_M
ClientSampleId :
JC-03-010819-H

Tot Ion:264 Resp: 2350533

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.9	28.3
265	21.2	16.8	25.2

