

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM011619\
 Data File : BM018600.D
 Acq On : 17 Jan 2019 02:35
 Operator : JU/SJ
 Sample : K1012-12
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EO-01-011519-C

Quant Time: Jan 17 05:52:13 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

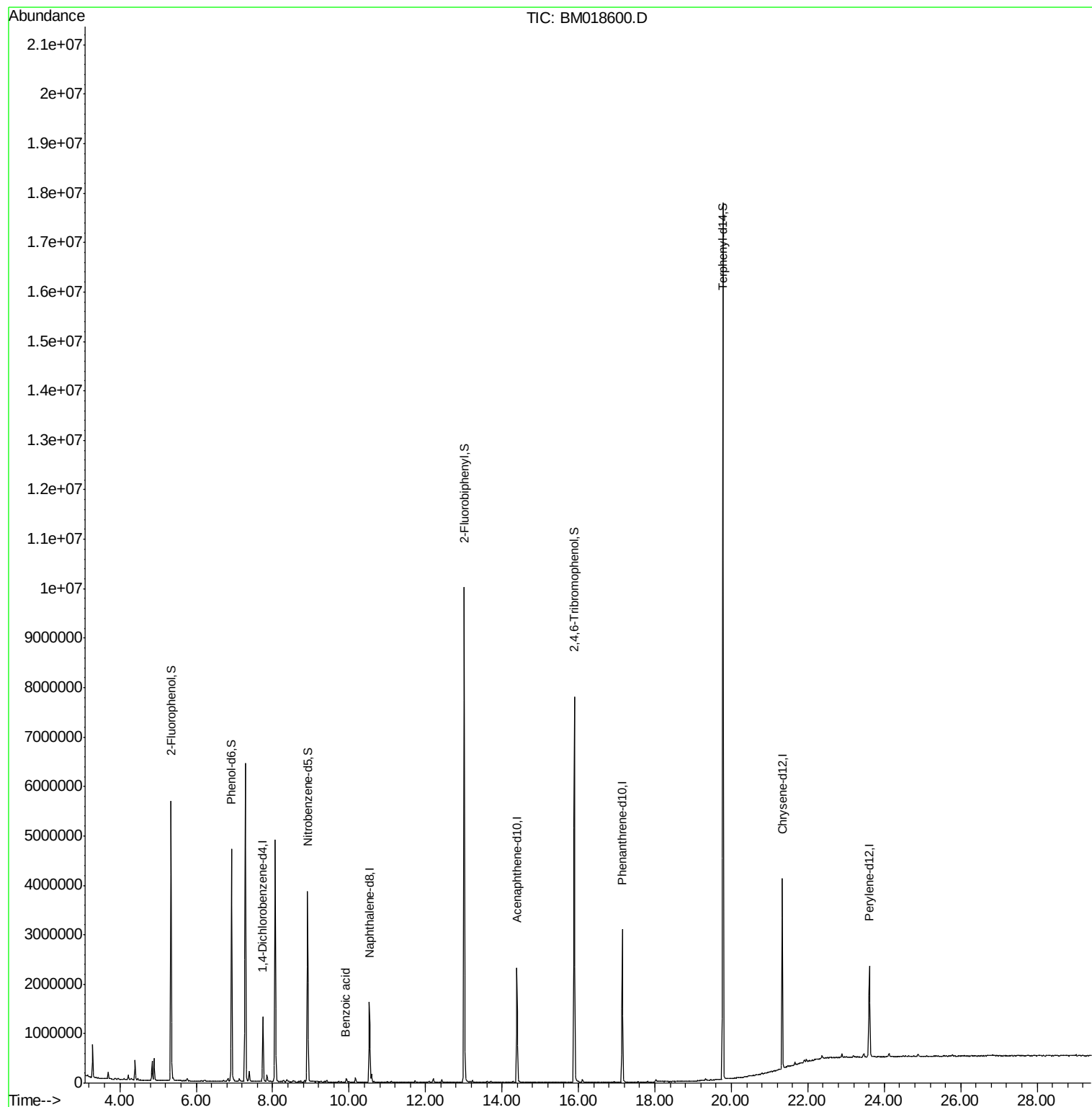
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	346975	20.00	ng	-0.02
21) Naphthalene-d8	10.54	136	1397922	20.00	ng	-0.01
39) Acenaphthene-d10	14.39	164	797934	20.00	ng	-0.02
64) Phenanthrene-d10	17.14	188	1801869	20.00	ng	-0.01
76) Chrysene-d12	21.33	240	1690271	20.00	ng	-0.02
87) Perylene-d12	23.61	264	1317647	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	2338574	124.45	ng	-0.01
7) Phenol-d6	6.93	99	2620502	109.80	ng	0.00
23) Nitrobenzene-d5	8.92	82	2142889	88.86	ng	0.00
42) 2,4,6-Tribromophenol	15.89	330	1455482	143.26	ng	-0.01
45) 2-Fluorobiphenyl	13.01	172	5286292	86.45	ng	-0.01
79) Terphenyl-d14	19.78	244	8387447	104.60	ng	0.00
Target Compounds						
9) Benzaldehyde	6.89	77	2891	Below Cal	#	1
32) Benzoic acid	9.90	122	160	6.514 ng	#	42

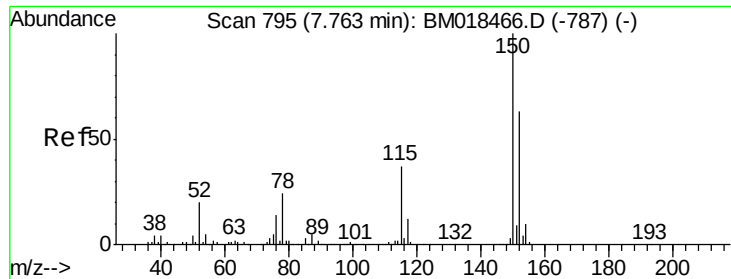
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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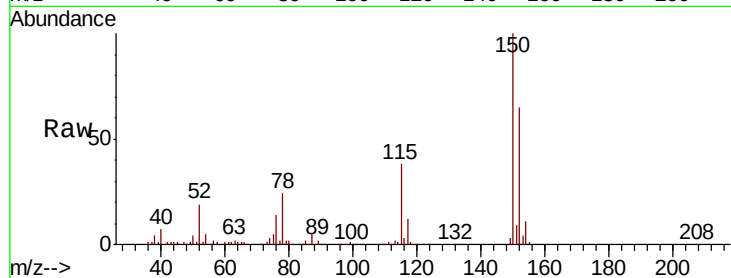


#1

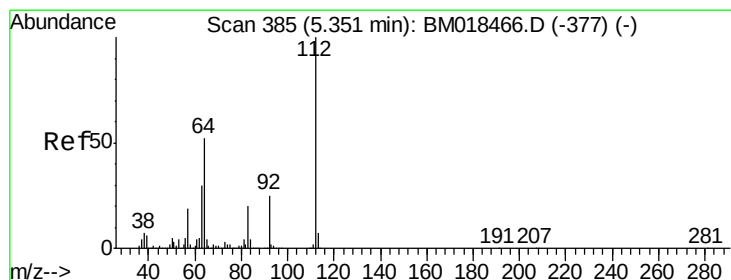
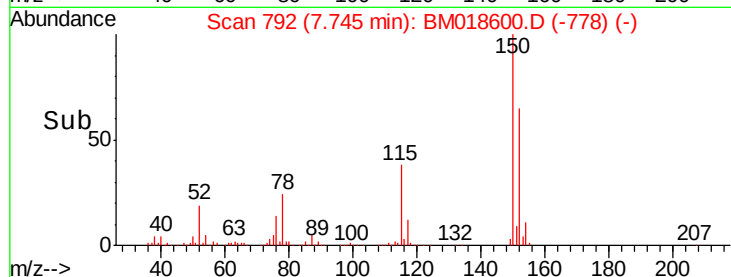
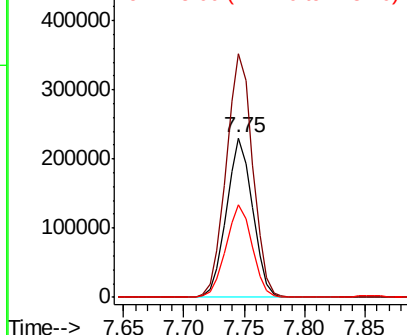
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.75 min Scan# 792
Delta R.T. -0.02 min
Lab File: BM018600.D
Acq: 17 Jan 2019 02:35

Instrument :
BNA_M
ClientSampleId :
EO-01-011519-C

Tgt Ion:152 Resp: 346975
Ion Ratio Lower Upper
152 100
150 152.9 126.9 190.3
115 58.1 45.5 68.3



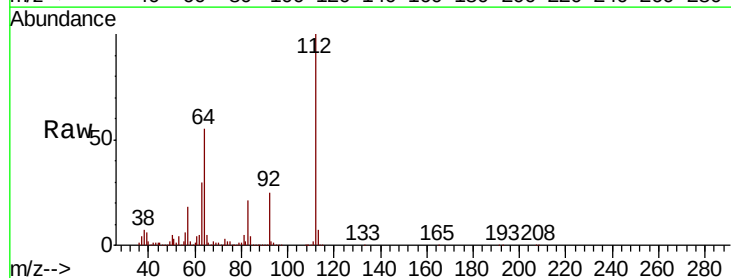
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



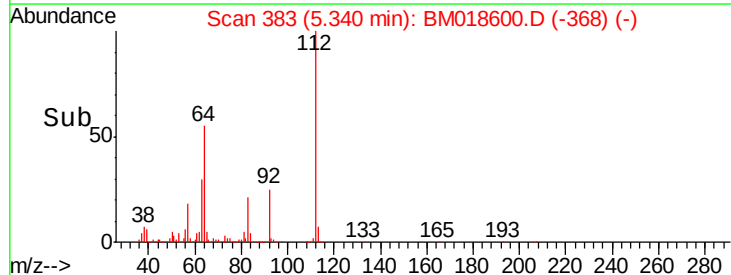
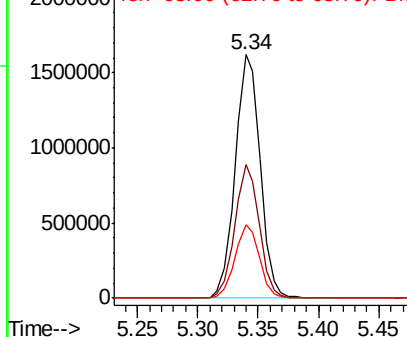
#5

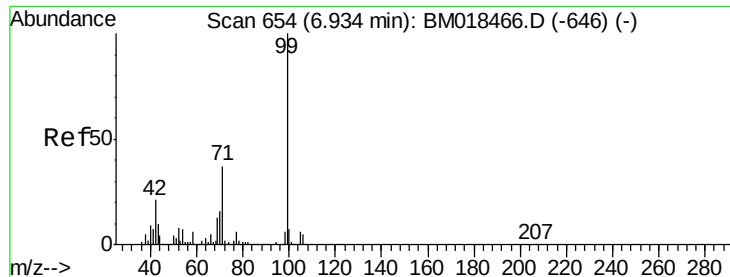
2-Fluorophenol
Concen: 124.452 ng
RT: 5.34 min Scan# 383
Delta R.T. -0.01 min
Lab File: BM018600.D
Acq: 17 Jan 2019 02:35

Tgt Ion:112 Resp: 2338574
Ion Ratio Lower Upper
112 100
64 54.6 46.5 69.7
63 30.2 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: 109.797 ng

RT: 6.93 min Scan# 653

Delta R.T. -0.01 min

Lab File: BM018600.D

Acq: 17 Jan 2019 02:35

Instrument :

BNA_M

ClientSampleId :

EO-01-011519-C

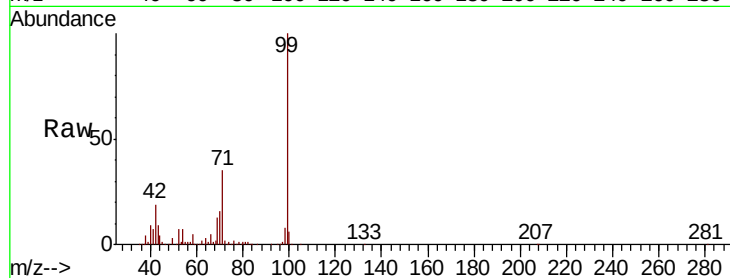
Tgt Ion: 99 Resp: 2620502

Ion Ratio Lower Upper

99 100

42 19.1 17.3 25.9

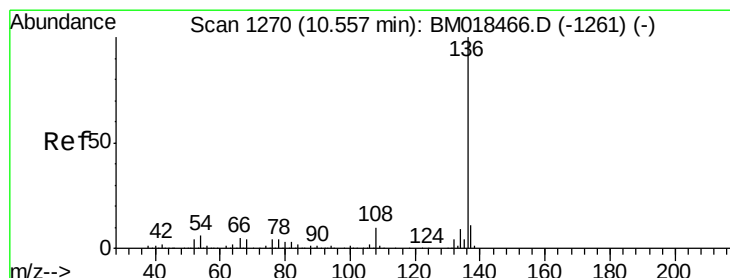
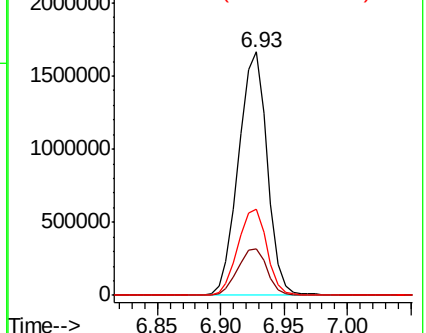
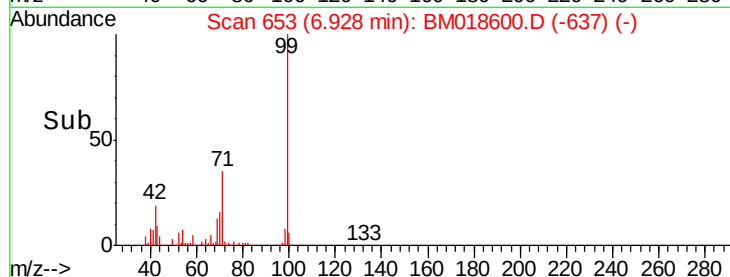
71 35.4 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018600.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018600.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018600.D (-637) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.54 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BM018600.D

Acq: 17 Jan 2019 02:35

Tgt Ion: 136 Resp: 1397922

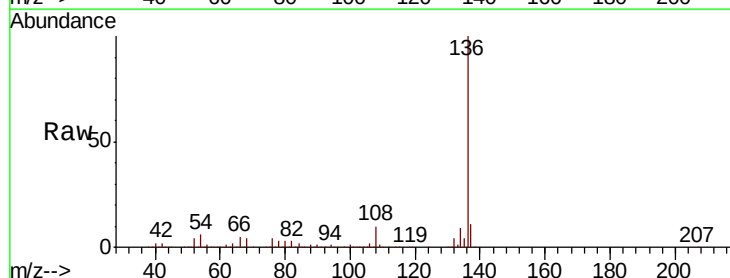
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.2 6.0 9.0

68 4.3 4.5 6.7#

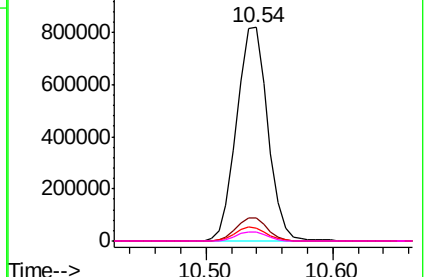
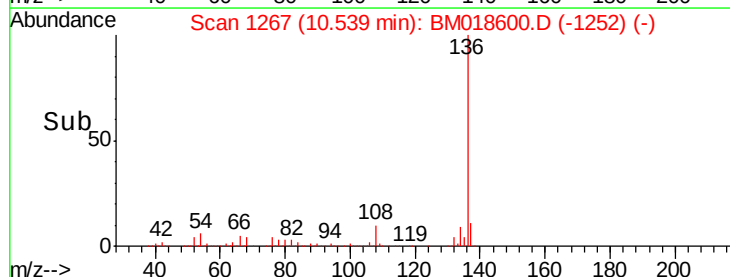


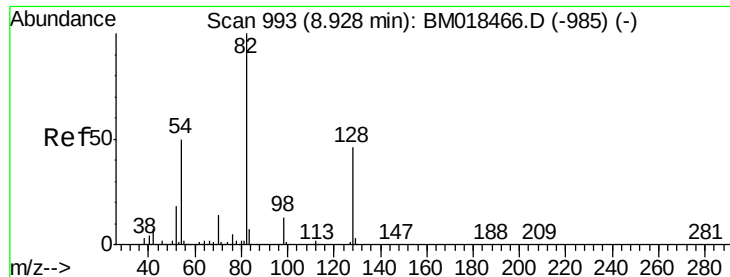
Abundance Ion 136.00 (135.70 to 136.70): BM018600.D (-1252) (-)

Ion 137.00 (136.70 to 137.70): BM018600.D (-1252) (-)

Ion 54.00 (53.70 to 54.70): BM018600.D (-1252) (-)

Ion 68.00 (67.70 to 68.70): BM018600.D (-1252) (-)

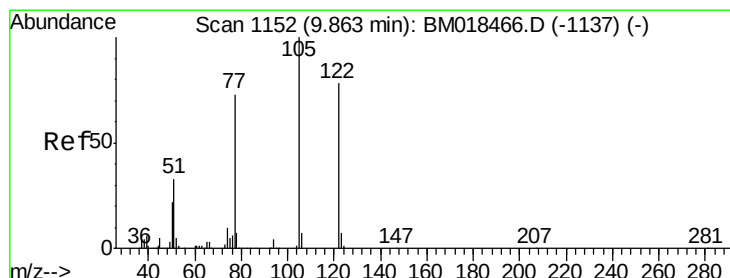
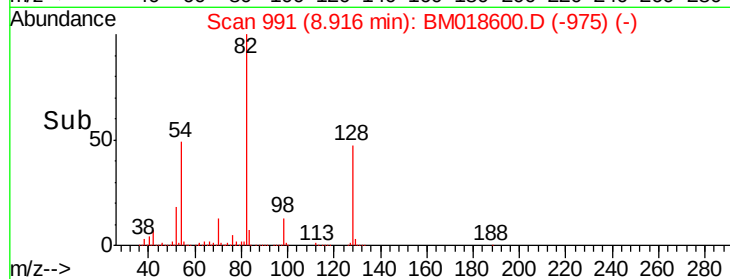
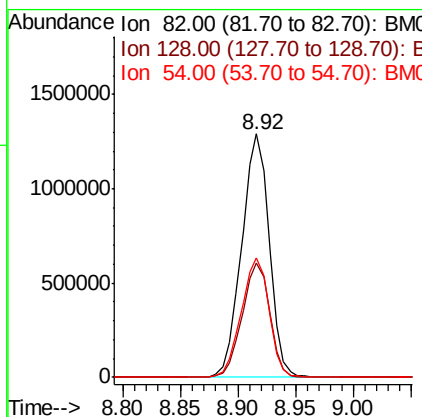
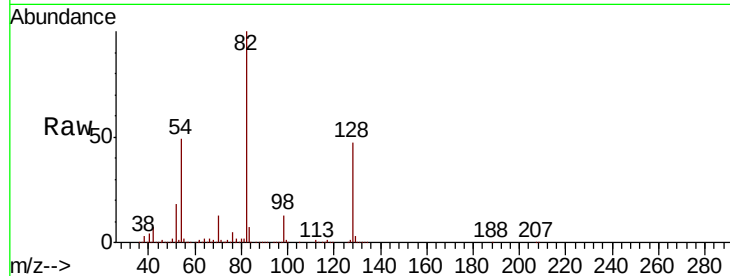




#23
 Nitrobenzene-d5
 Concen: 88.864 ng
 RT: 8.92 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BM018600.D
 Acq: 17 Jan 2019 02:35

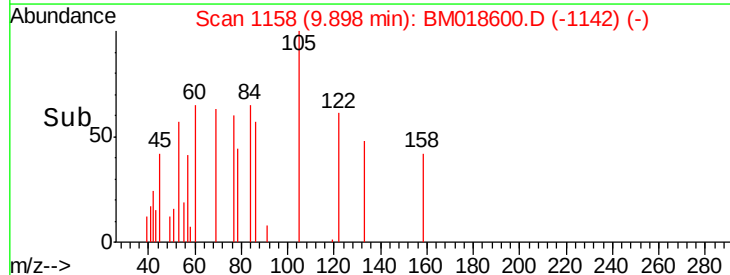
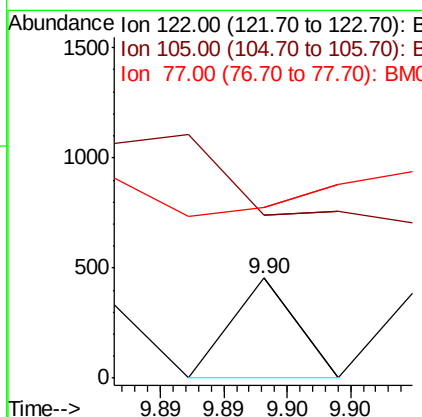
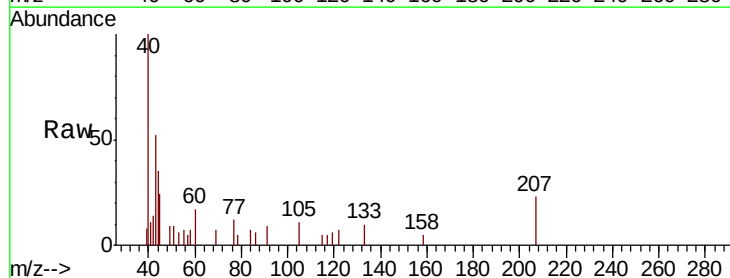
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 EO-01-011519-C

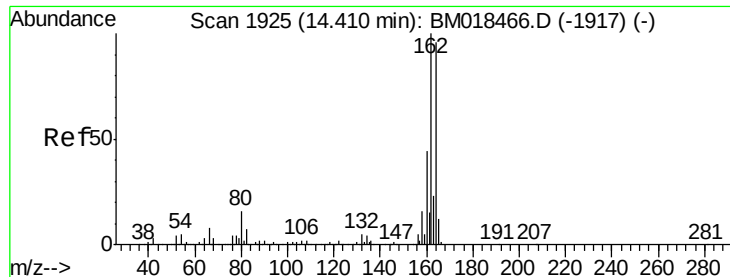
Tgt Ion: 82 Resp: 2142889
 Ion Ratio Lower Upper
 82 100
 128 47.1 36.3 54.5
 54 48.8 41.7 62.5



#32
 Benzoic acid
 Concen: 6.514 ng
 RT: 9.90 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: BM018600.D
 Acq: 17 Jan 2019 02:35

Tgt Ion: 122 Resp: 160
 Ion Ratio Lower Upper
 122 100
 105 163.1 100.4 140.4#
 77 171.7 71.7 111.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.39 min Scan# 1922

Delta R.T. -0.02 min

Lab File: BM018600.D

Acq: 17 Jan 2019 02:35

Instrument :

BNA_M

ClientSampleId :

EO-01-011519-C

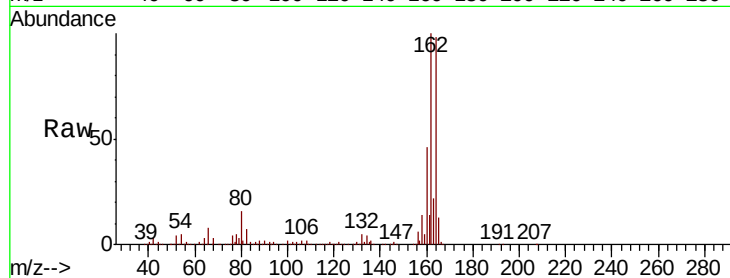
Tgt Ion:164 Resp: 797934

Ion Ratio Lower Upper

164 100

162 101.9 83.0 124.4

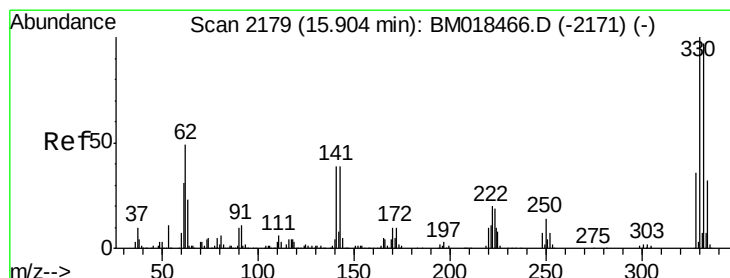
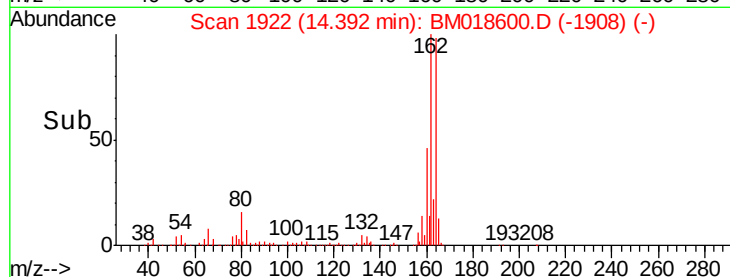
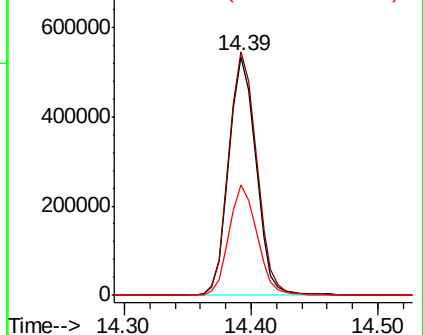
160 46.4 37.1 55.7



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: 143.257 ng

RT: 15.89 min Scan# 2177

Delta R.T. -0.01 min

Lab File: BM018600.D

Acq: 17 Jan 2019 02:35

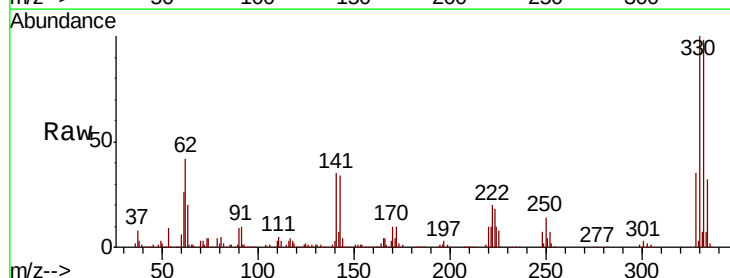
Tgt Ion:330 Resp: 1455482

Ion Ratio Lower Upper

330 100

332 97.0 77.6 116.4

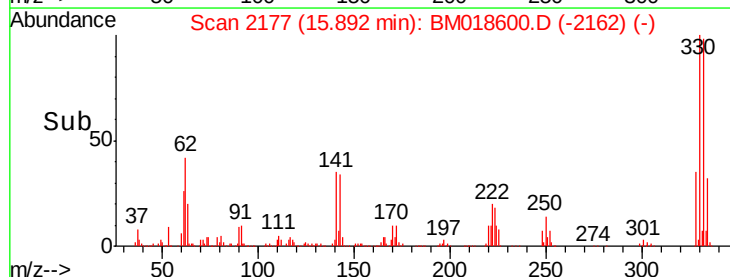
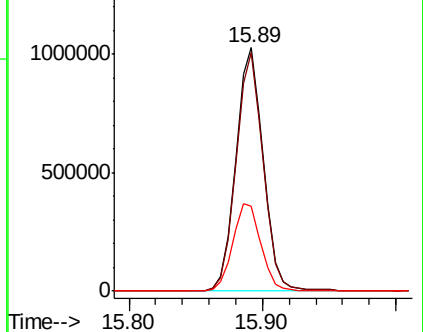
141 37.6 31.7 47.5

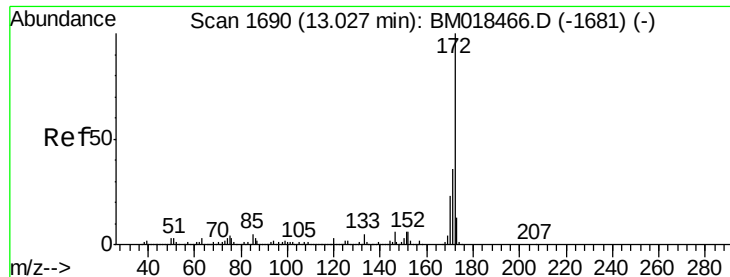


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

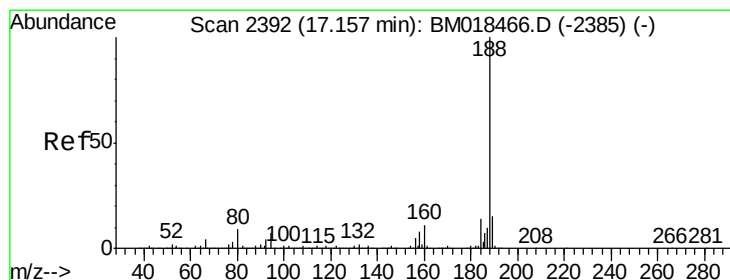
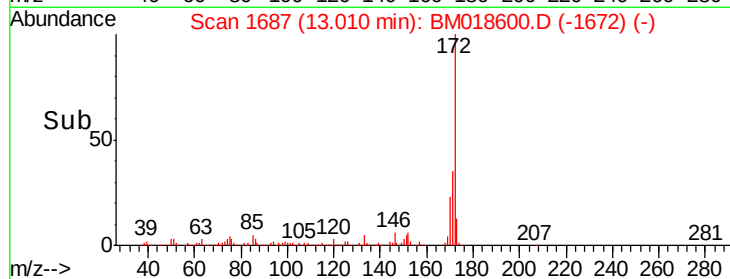
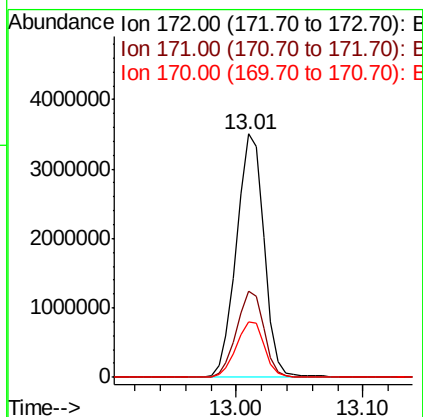
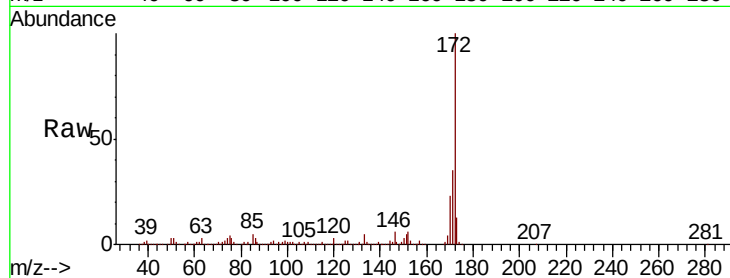




#45
 2-Fluorobiphenyl
 Concen: 86.447 ng
 RT: 13.01 min Scan# 1687
 Delta R.T. -0.01 min
 Lab File: BM018600.D
 Acq: 17 Jan 2019 02:35

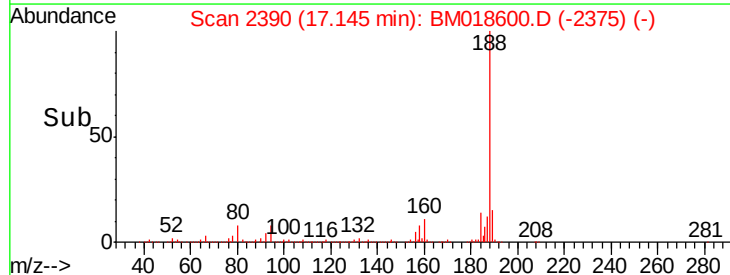
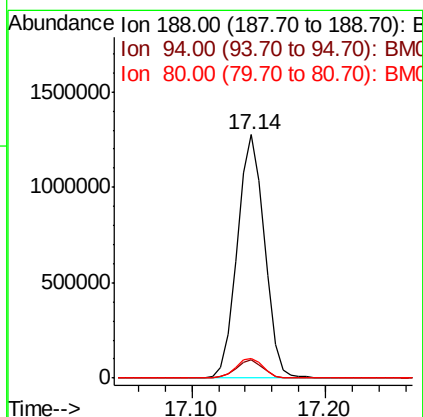
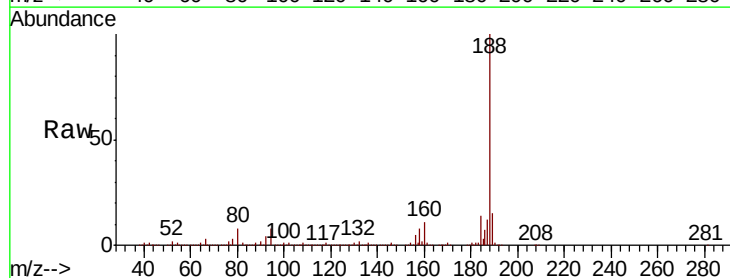
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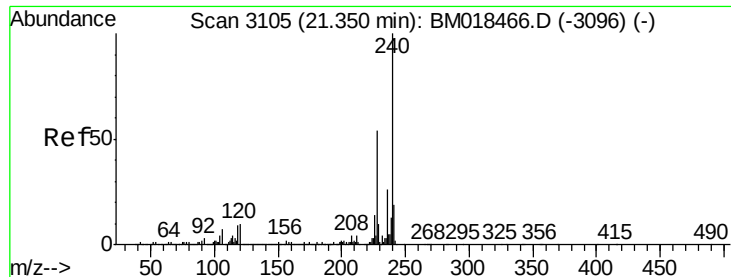
Tgt Ion:172 Resp: 5286292
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.2 42.4
 170 22.9 18.9 28.3



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.14 min Scan# 2390
 Delta R.T. -0.01 min
 Lab File: BM018600.D
 Acq: 17 Jan 2019 02:35

Tgt Ion:188 Resp: 1801869
 Ion Ratio Lower Upper
 188 100
 94 7.7 7.1 10.7
 80 8.1 7.6 11.4

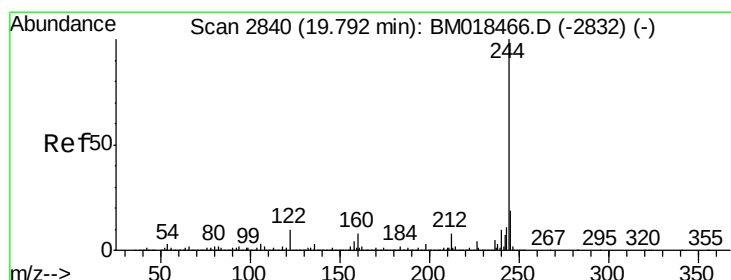
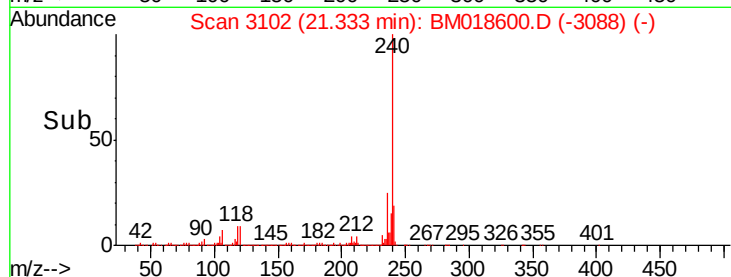
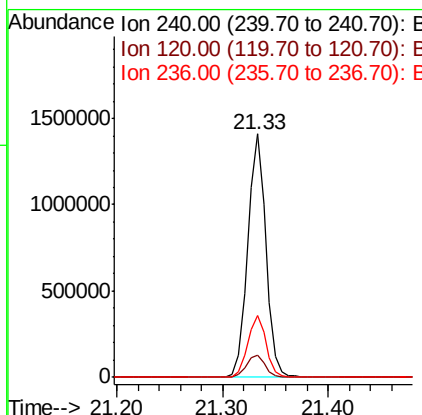
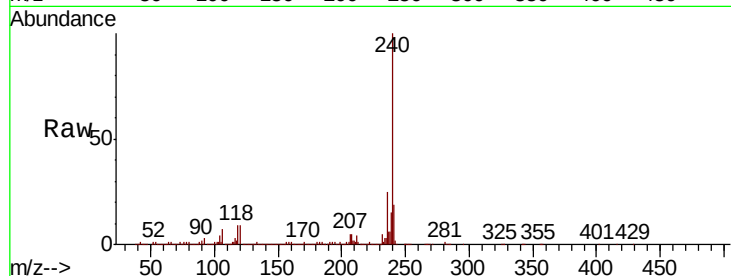




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.33 min Scan# 3102
Delta R.T. -0.02 min
Lab File: BM018600.D
Acq: 17 Jan 2019 02:35

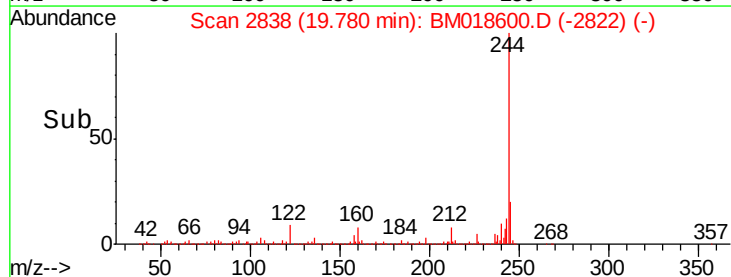
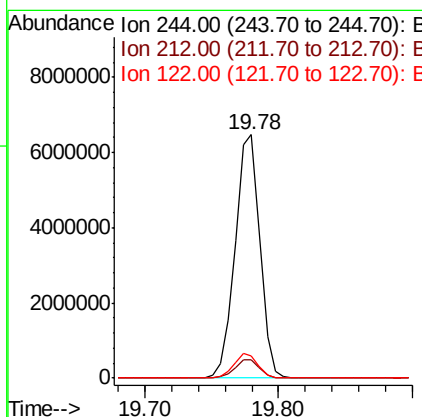
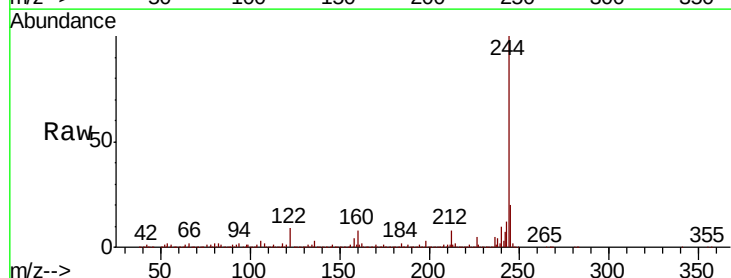
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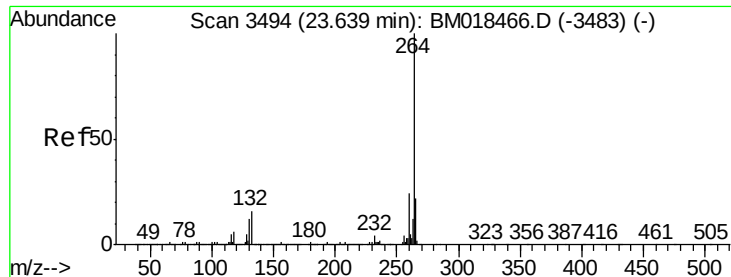
Tgt Ion:240 Resp: 1690271
Ion Ratio Lower Upper
240 100
120 9.2 8.4 12.6
236 25.3 20.7 31.1



#79
Terphenyl-d14
Concen: 104.605 ng
RT: 19.78 min Scan# 2838
Delta R.T. -0.01 min
Lab File: BM018600.D
Acq: 17 Jan 2019 02:35

Tgt Ion:244 Resp: 8387447
Ion Ratio Lower Upper
244 100
212 7.7 5.9 8.9
122 9.3 9.0 13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.61 min Scan# 3489
Delta R.T. -0.02 min
Lab File: BM018600.D
Acq: 17 Jan 2019 02:35

Instrument :
BNA_M
ClientSampleId :
EO-01-011519-C

Tgt Ion:264 Resp: 1317647

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	22.2	16.8	25.2

