

Data File : BM018630.D
Acq On : 18 Jan 2019 02:01
Operator : JU/SJ
Sample : K1167-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D-10

Quant Time: Jan 18 04:47:52 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

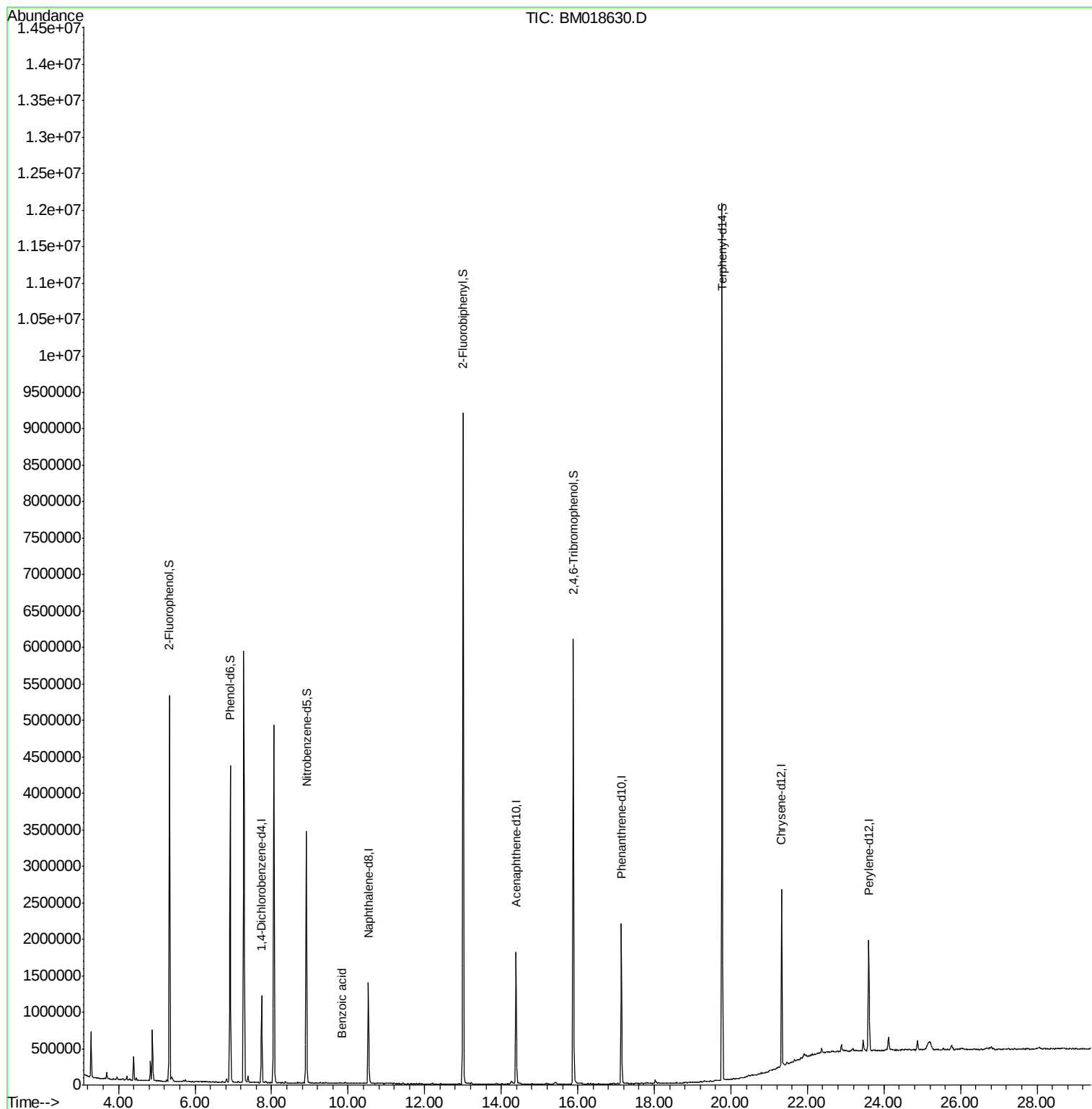
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	311998	20.00	ng	-0.02
21) Naphthalene-d8	10.53	136	1181031	20.00	ng	-0.02
39) Acenaphthene-d10	14.39	164	626231	20.00	ng	-0.02
64) Phenanthrene-d10	17.14	188	1275046	20.00	ng	-0.02
76) Chrysene-d12	21.33	240	1096186	20.00	ng	-0.02
87) Perylene-d12	23.60	264	1099883	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	2156838	127.65	ng	-0.02
7) Phenol-d6	6.92	99	2356404	109.80	ng	-0.02
23) Nitrobenzene-d5	8.91	82	1914897	93.99	ng	-0.01
42) 2,4,6-Tribromophenol	15.89	330	1108493	139.02	ng	-0.02
45) 2-Fluorobiphenyl	13.00	172	4671777	97.34	ng	-0.02
79) Terphenyl-d14	19.77	244	5560963	106.94	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.88	77	1189	Below Cal		Qvalue # 1
32) Benzoic acid	9.85	122	1340	6.621 ng		96

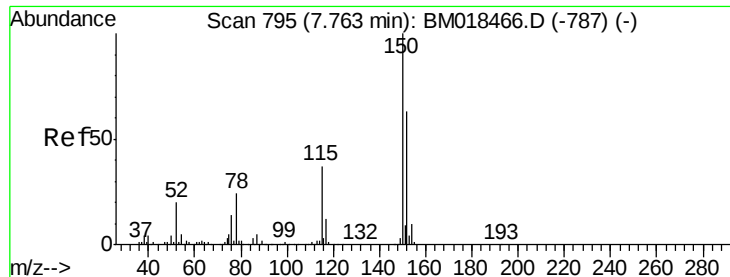
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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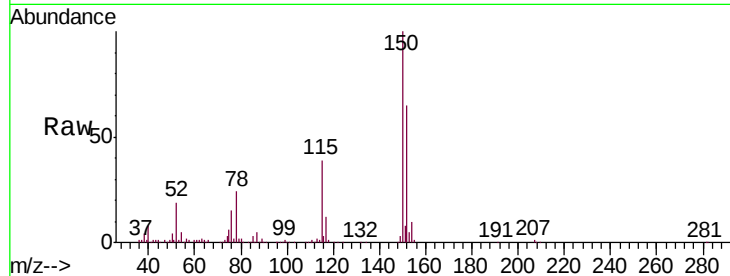


#1

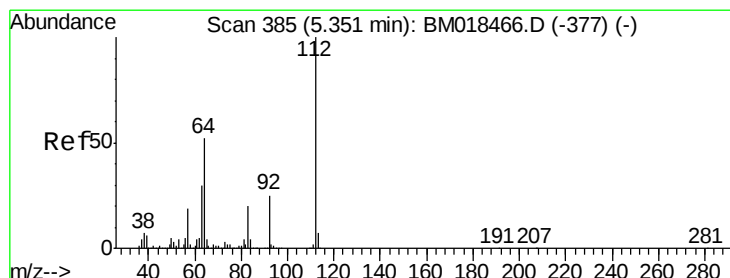
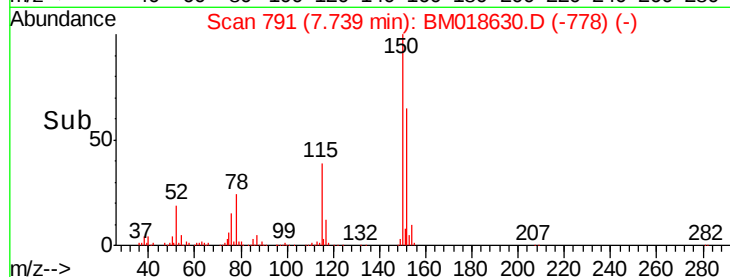
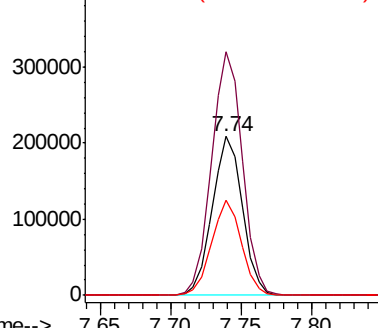
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.74 min Scan# 791
Delta R.T. -0.02 min
Lab File: BM018630.D
Acq: 18 Jan 2019 02:01

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Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.1	126.9	190.3
115	59.5	45.5	68.3



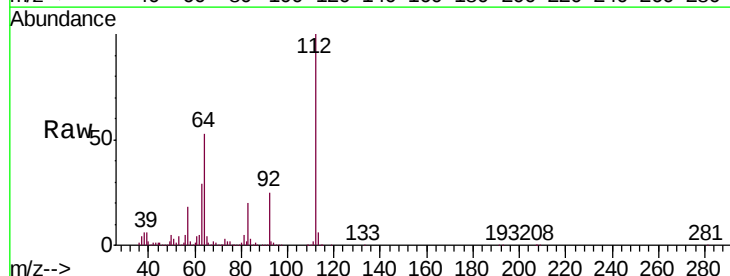
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



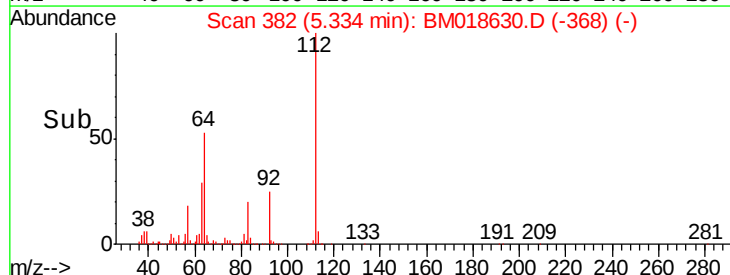
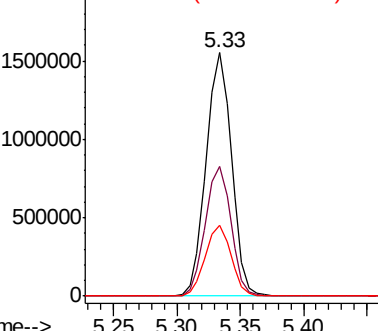
#5

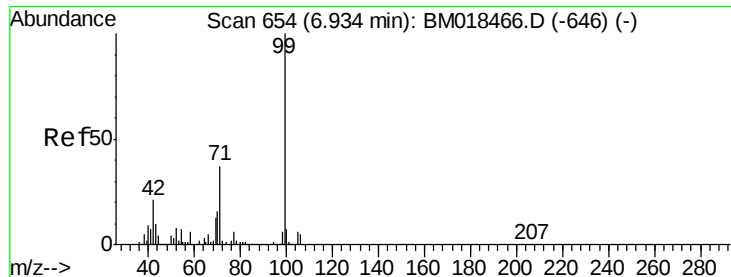
2-Fluorophenol
Concen: 127.648 ng
RT: 5.33 min Scan# 382
Delta R.T. -0.02 min
Lab File: BM018630.D
Acq: 18 Jan 2019 02:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.4	46.5	69.7
63	29.2	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: 109.800 ng

RT: 6.92 min Scan# 651

Delta R.T. -0.02 min

Lab File: BM018630.D

Acq: 18 Jan 2019 02:01

Instrument :

BNA_M

ClientSampleId :

D-10

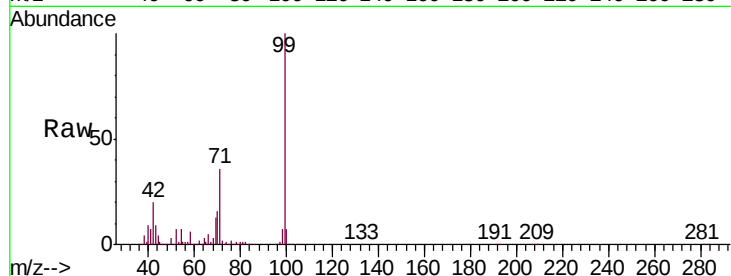
Tgt Ion: 99 Resp: 2356404

Ion Ratio Lower Upper

99 100

42 19.6 17.3 25.9

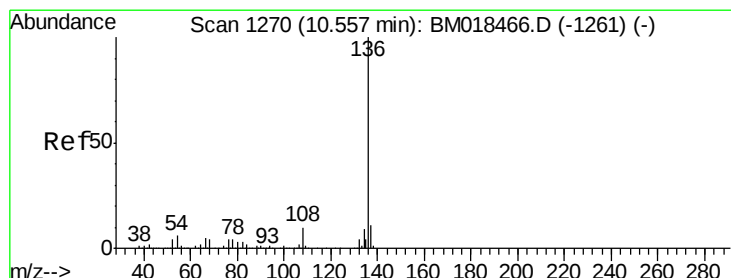
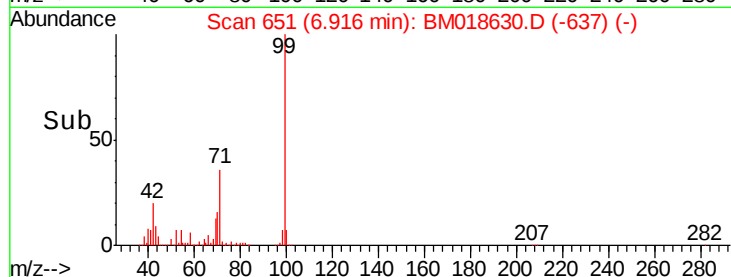
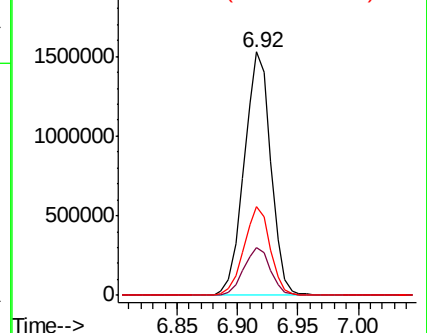
71 36.3 28.0 42.0



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: 10.53 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BM018630.D

Acq: 18 Jan 2019 02:01

Tgt Ion: 136 Resp: 1181031

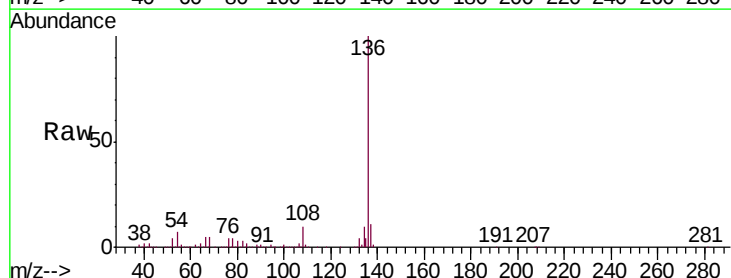
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.7 6.0 9.0

68 4.6 4.5 6.7

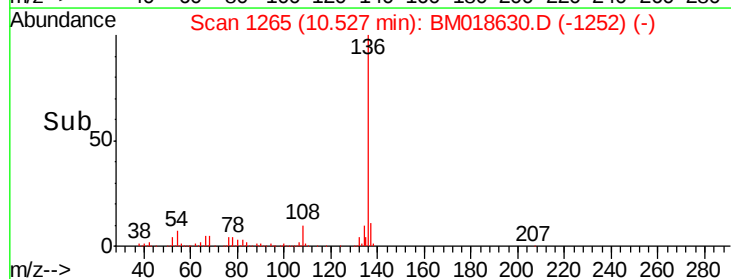
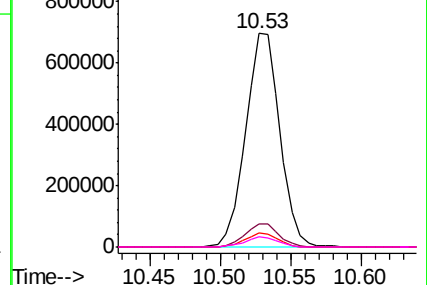


Abundance Ion 136.00 (135.70 to 136.70): BM018466.D (-1261) (-)

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) (-)

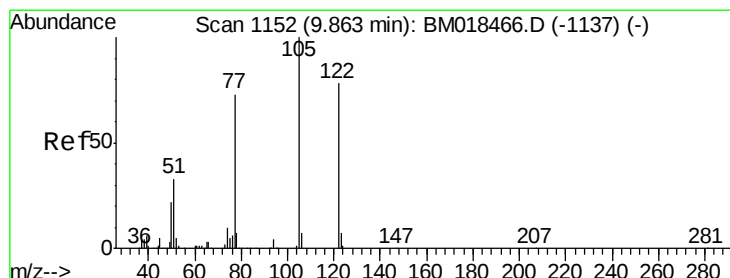
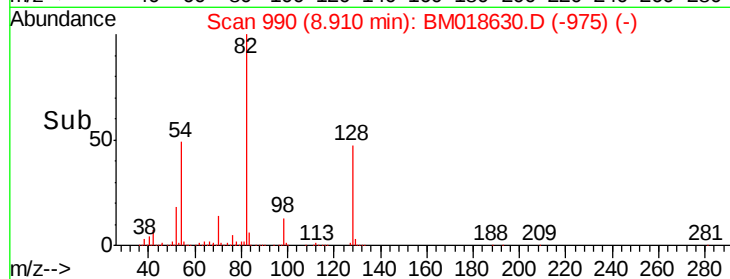
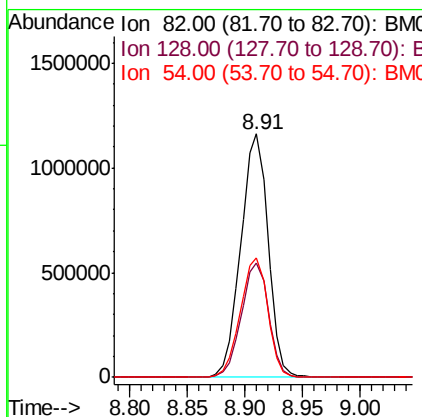
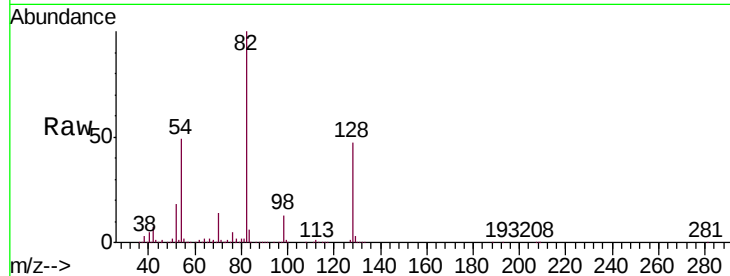




#23
 Nitrobenzene-d5
 Concen: 93.993 ng
 RT: 8.91 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BM018630.D
 Acq: 18 Jan 2019 02:01

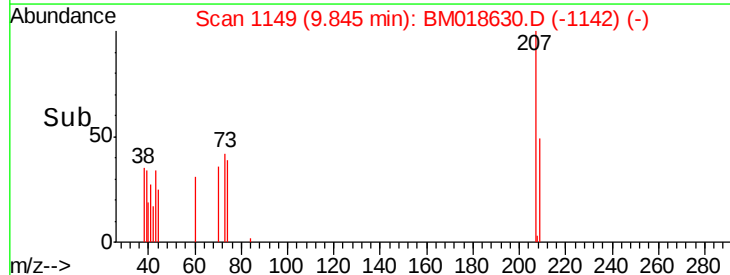
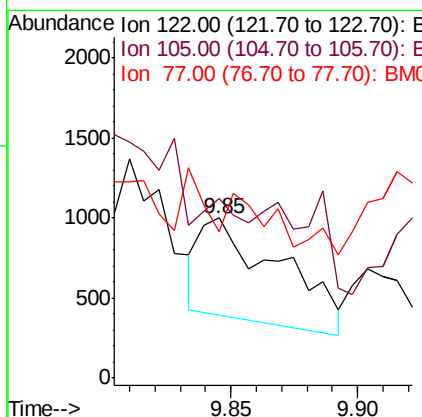
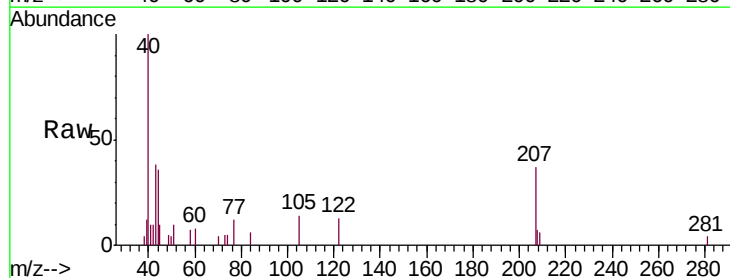
Instrument :
 BNA_M
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 D-10

Tgt Ion: 82 Resp: 1914897
 Ion Ratio Lower Upper
 82 100
 128 46.9 36.3 54.5
 54 49.0 41.7 62.5



#32
 Benzoic acid
 Concen: 6.621 ng
 RT: 9.85 min Scan# 1149
 Delta R.T. -0.06 min
 Lab File: BM018630.D
 Acq: 18 Jan 2019 02:01

Tgt Ion: 122 Resp: 1340
 Ion Ratio Lower Upper
 122 100
 105 112.3 100.4 140.4
 77 91.5 71.7 111.7

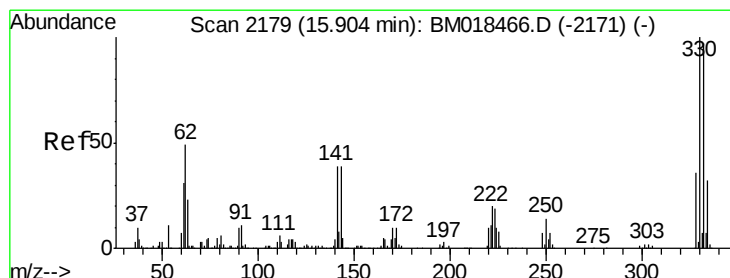
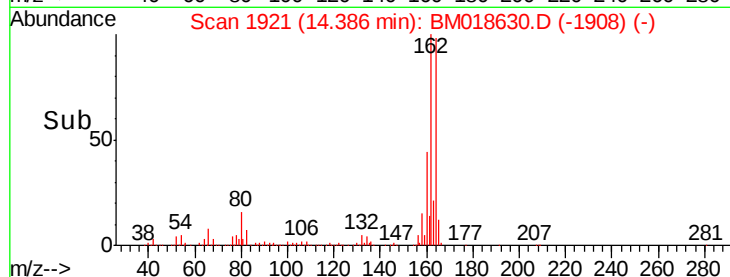
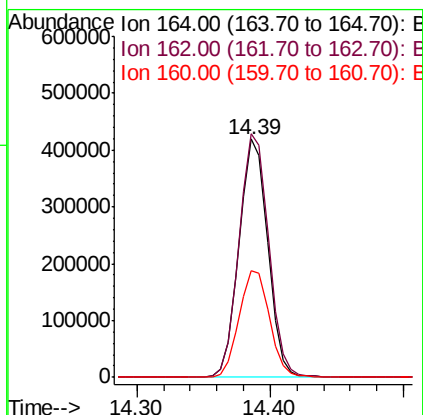
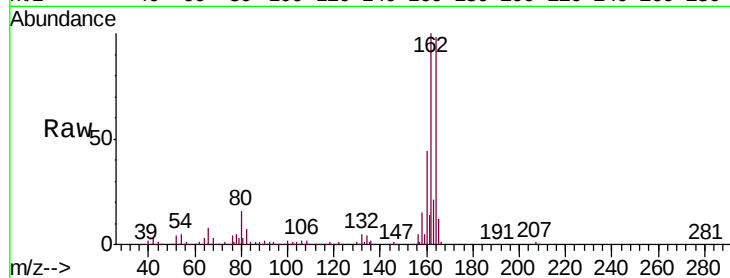




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.39 min Scan# 1921
Delta R.T. -0.02 min
Lab File: BM018630.D
Acq: 18 Jan 2019 02:01

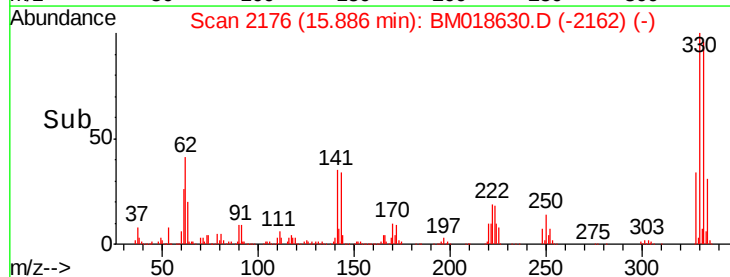
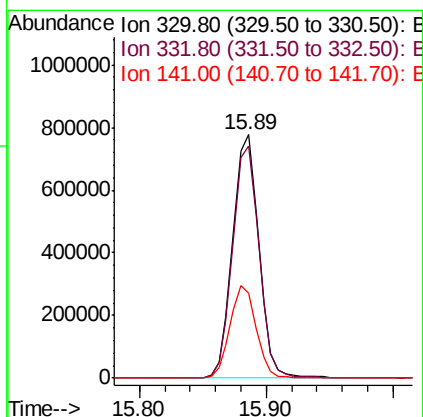
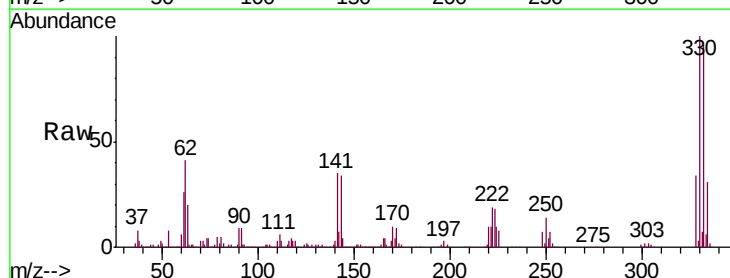
Instrument :
BNA_M
ClientSampleId :
D-10

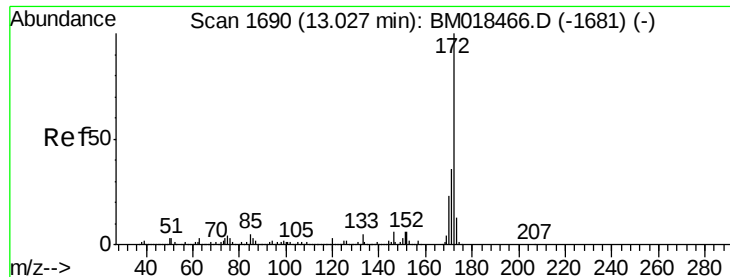
Tgt Ion:164 Resp: 626231
Ion Ratio Lower Upper
164 100
162 102.4 83.0 124.4
160 44.7 37.1 55.7



#42
2,4,6-Tribromophenol
Concen: 139.019 ng
RT: 15.89 min Scan# 2176
Delta R.T. -0.02 min
Lab File: BM018630.D
Acq: 18 Jan 2019 02:01

Tgt Ion:330 Resp: 1108493
Ion Ratio Lower Upper
330 100
332 96.7 77.6 116.4
141 38.1 31.7 47.5

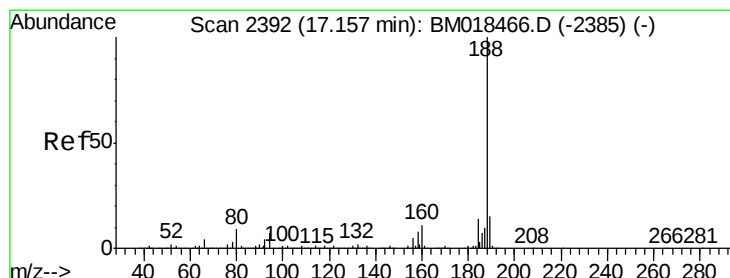
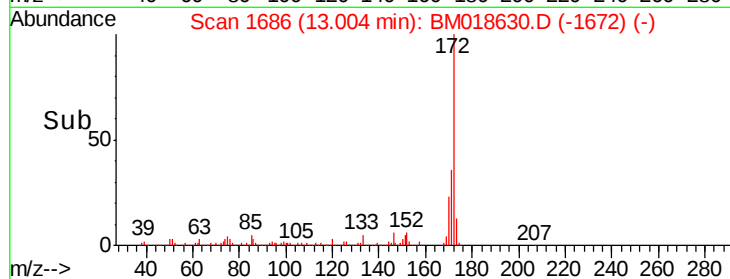
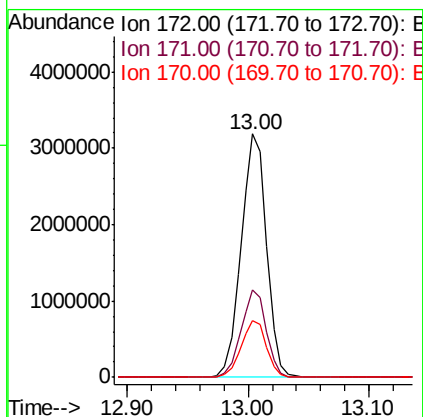
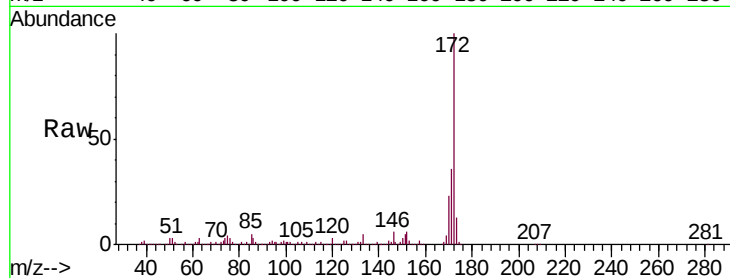




#45
 2-Fluorobiphenyl
 Concen: 97.345 ng
 RT: 13.00 min Scan# 1686
 Delta R.T. -0.02 min
 Lab File: BM018630.D
 Acq: 18 Jan 2019 02:01

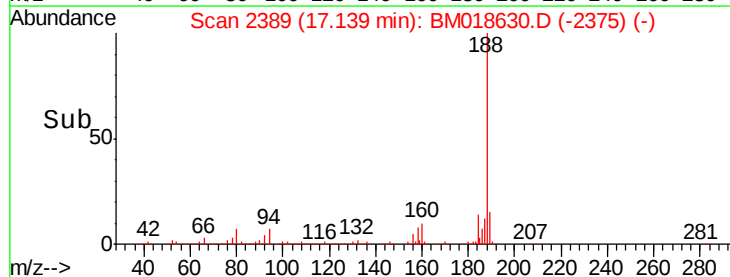
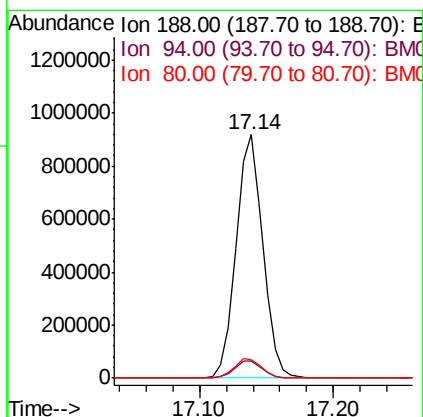
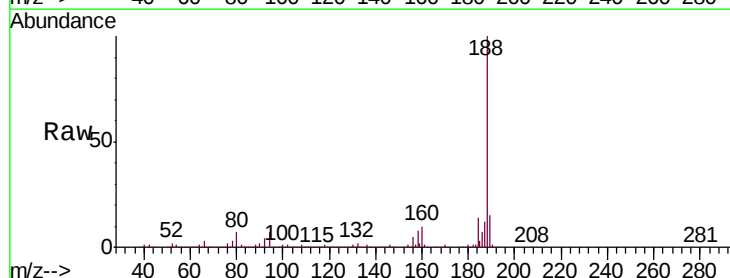
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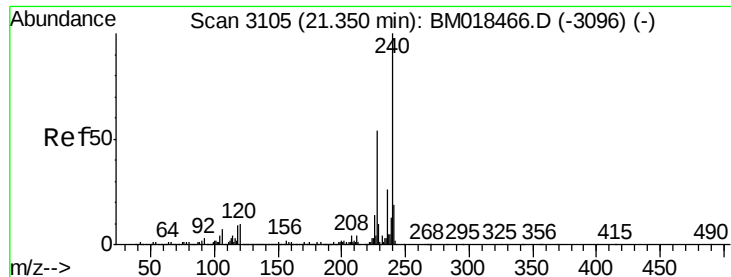
Tgt Ion:172 Resp: 4671777
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.2 42.4
 170 23.5 18.9 28.3



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.14 min Scan# 2389
 Delta R.T. -0.02 min
 Lab File: BM018630.D
 Acq: 18 Jan 2019 02:01

Tgt Ion:188 Resp: 1275046
 Ion Ratio Lower Upper
 188 100
 94 7.0 7.1 10.7#
 80 7.4 7.6 11.4#

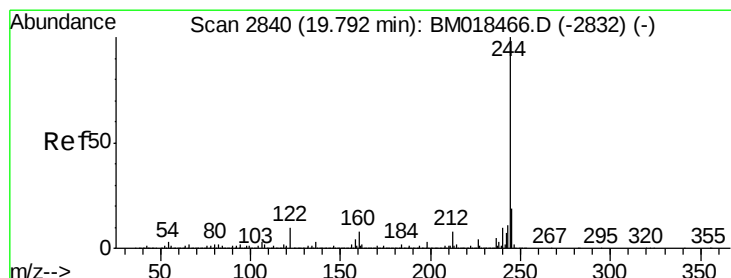
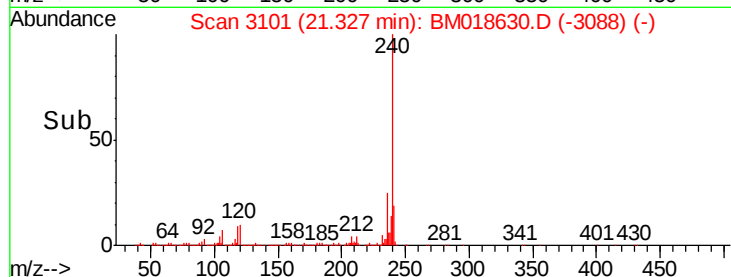
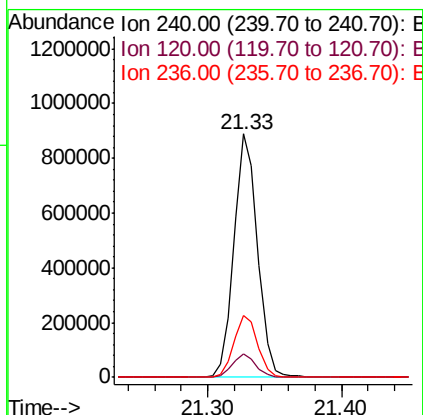
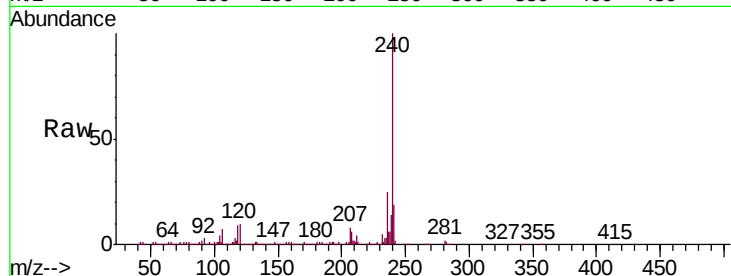




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.33 min Scan# 3101
Delta R.T. -0.02 min
Lab File: BM018630.D
Acq: 18 Jan 2019 02:01

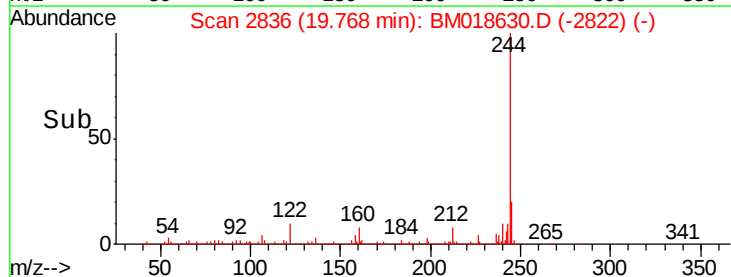
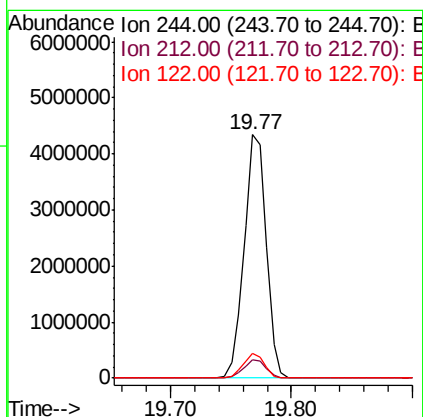
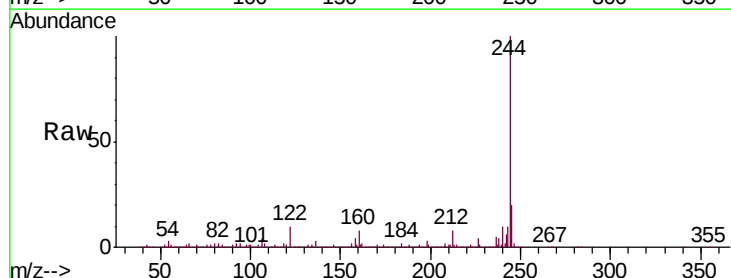
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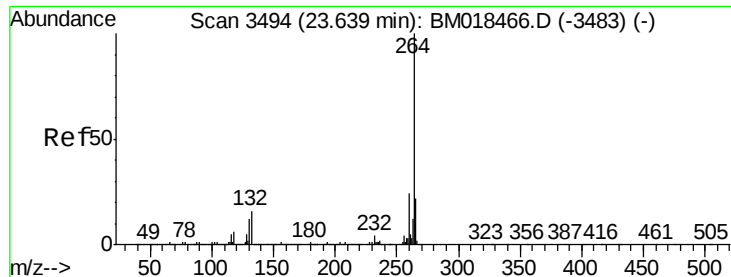
Tgt Ion:240 Resp: 1096186
Ion Ratio Lower Upper
240 100
120 9.9 8.4 12.6
236 25.4 20.7 31.1



#79
Terphenyl-d14
Concen: 106.941 ng
RT: 19.77 min Scan# 2836
Delta R.T. -0.02 min
Lab File: BM018630.D
Acq: 18 Jan 2019 02:01

Tgt Ion:244 Resp: 5560963
Ion Ratio Lower Upper
244 100
212 7.8 5.9 8.9
122 10.3 9.0 13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.60 min Scan# 3488
Delta R.T. -0.03 min
Lab File: BM018630.D
Acq: 18 Jan 2019 02:01

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion: 264 Resp: 1099883

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	22.1	16.8	25.2

