

Data File : BM018624.D
Acq On : 17 Jan 2019 21:10
Operator : JU/SJ
Sample : K1156-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-7

Quant Time: Jan 18 04:45:48 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

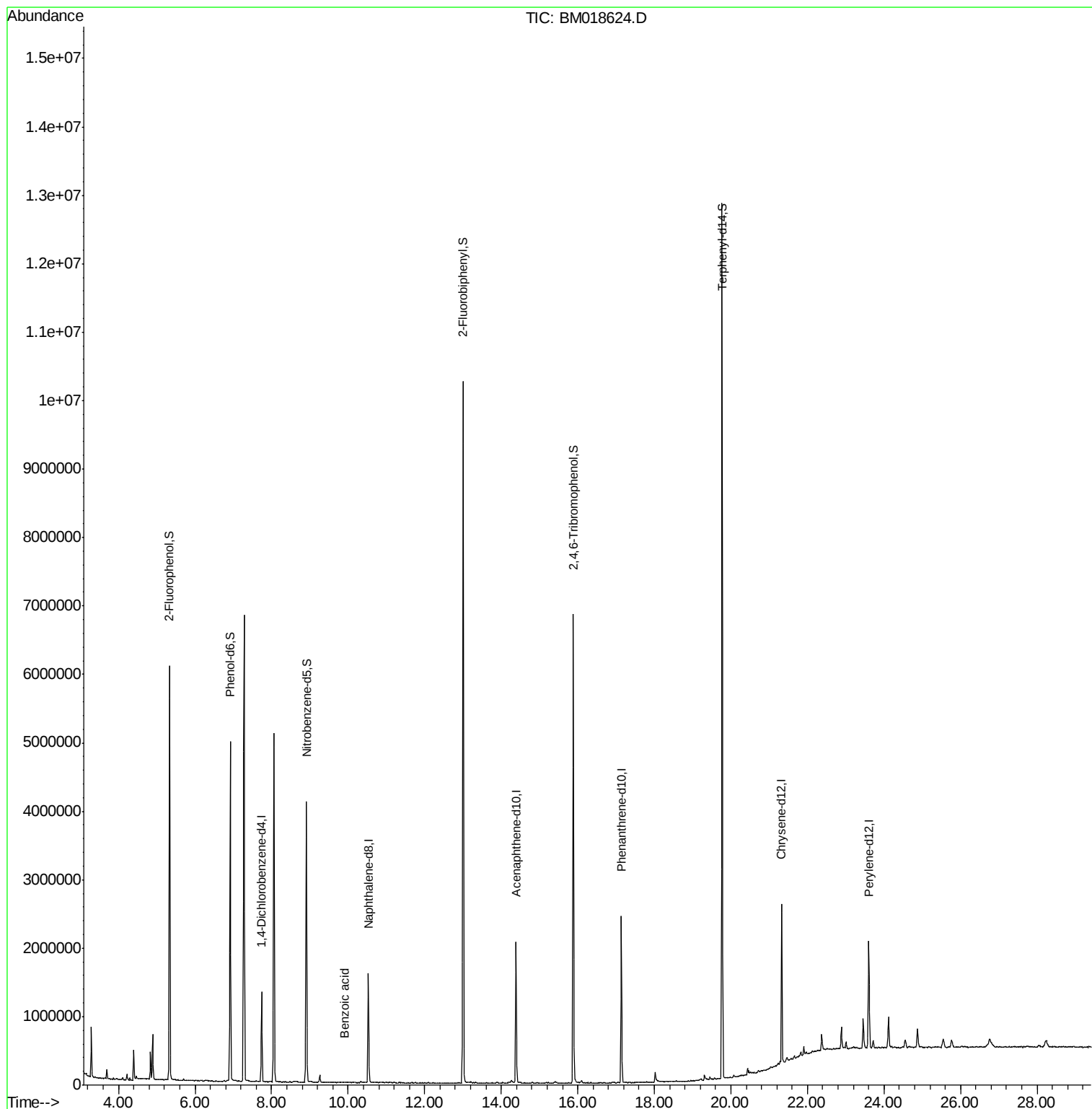
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	346091	20.00	ng	-0.02
21) Naphthalene-d8	10.53	136	1356634	20.00	ng	-0.02
39) Acenaphthene-d10	14.39	164	707135	20.00	ng	-0.02
64) Phenanthrene-d10	17.14	188	1383218	20.00	ng	-0.02
76) Chrysene-d12	21.33	240	1088700	20.00	ng	-0.02
87) Perylene-d12	23.60	264	1122305	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	2491998	132.96	ng	-0.02
7) Phenol-d6	6.92	99	2765084	116.15	ng	-0.01
23) Nitrobenzene-d5	8.91	82	2235683	95.53	ng	-0.01
42) 2,4,6-Tribromophenol	15.89	330	1260617	140.01	ng	-0.02
45) 2-Fluorobiphenyl	13.00	172	5286948	97.56	ng	-0.02
79) Terphenyl-d14	19.77	244	5881053	113.87	ng	-0.02
Target Compounds						
32) Benzoic acid	9.90	122	227	6.520	ng	Qvalue # 19

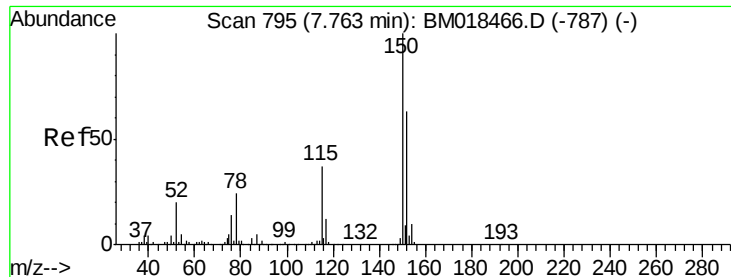
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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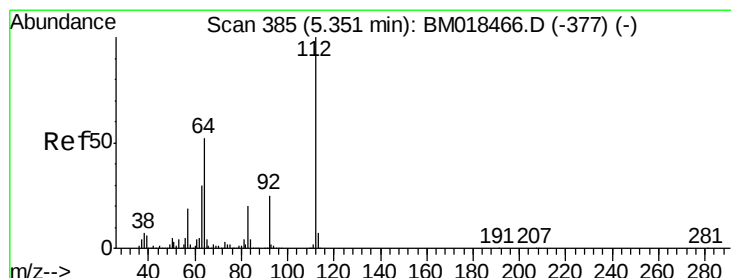
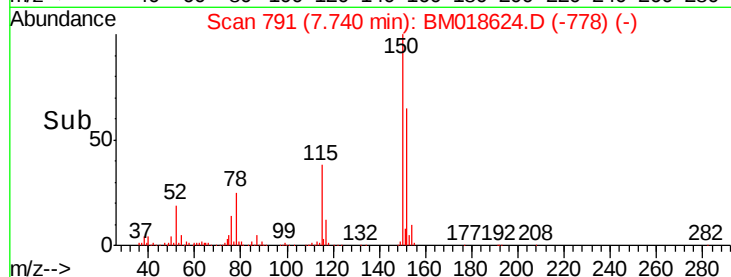
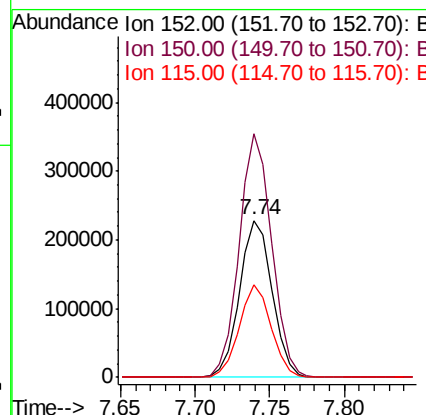
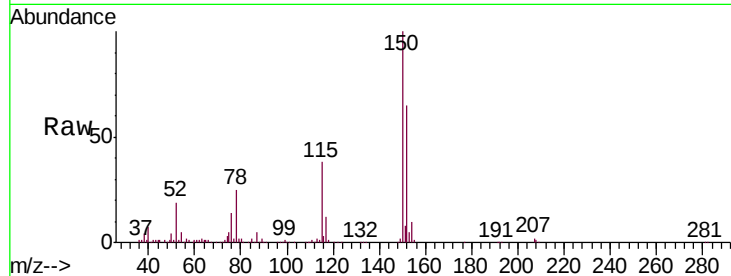


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.74 min Scan# 791
Delta R.T. -0.02 min
Lab File: BM018624.D
Acq: 17 Jan 2019 21:10

Instrument :
BNA_M
ClientSampleId :
COMP-7

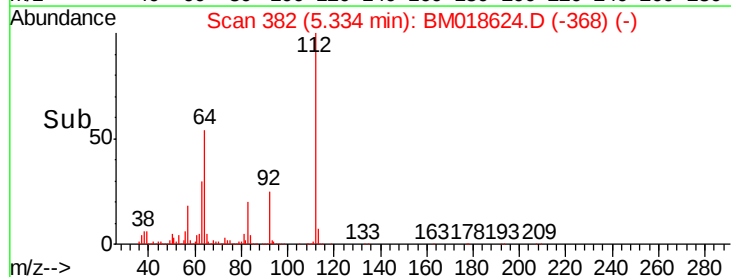
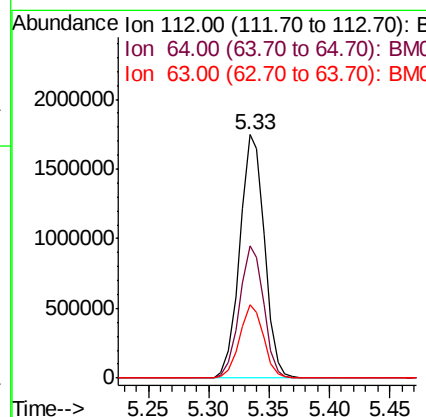
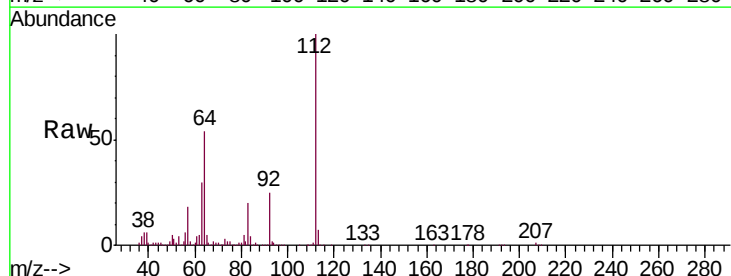
Tgt Ion:152 Resp: 346091
Ion Ratio Lower Upper
152 100
150 154.9 126.9 190.3
115 59.1 45.5 68.3

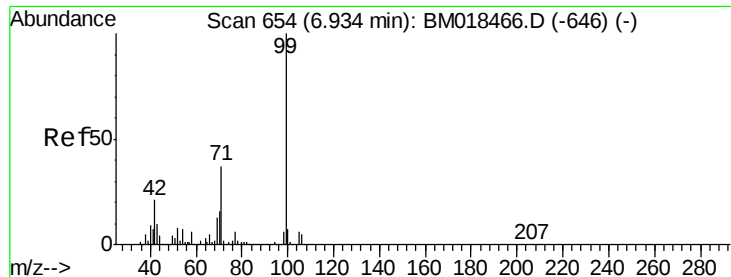


#5

2-Fluorophenol
Concen: 132.955 ng
RT: 5.33 min Scan# 382
Delta R.T. -0.02 min
Lab File: BM018624.D
Acq: 17 Jan 2019 21:10

Tgt Ion:112 Resp: 2491998
Ion Ratio Lower Upper
112 100
64 54.2 46.5 69.7
63 30.0 25.2 37.8





#7

Phenol-d6

Concen: 116.150 ng

RT: 6.92 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM018624.D

Acq: 17 Jan 2019 21:10

Instrument :

BNA_M

ClientSampleId :

COMP-7

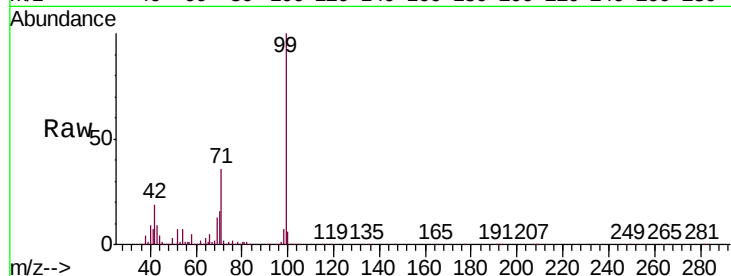
Tgt Ion: 99 Resp: 2765084

Ion Ratio Lower Upper

99 100

42 19.3 17.3 25.9

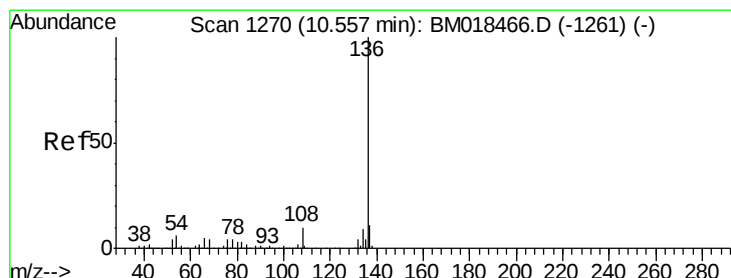
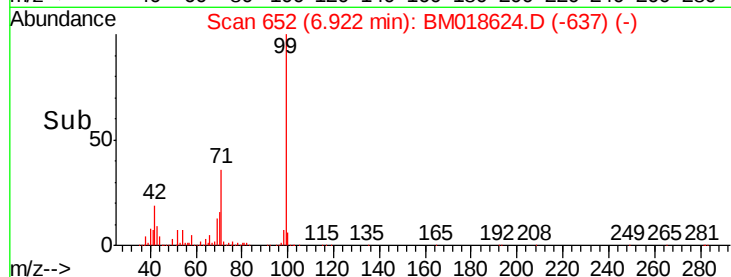
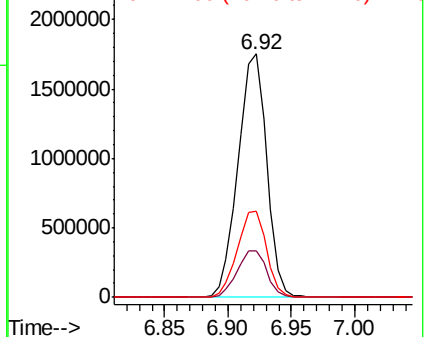
71 35.6 28.0 42.0



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: BM018624.D

Acq: 17 Jan 2019 21:10

Tgt Ion: 136 Resp: 1356634

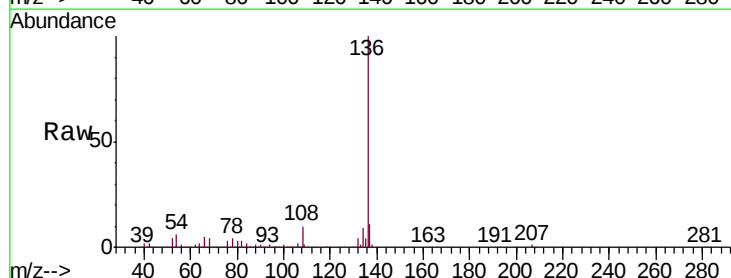
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 6.1 6.0 9.0

68 4.3 4.5 6.7#

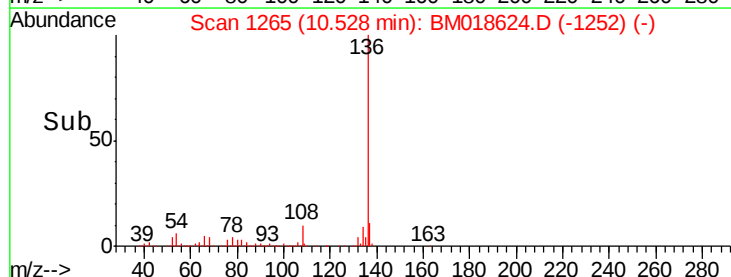
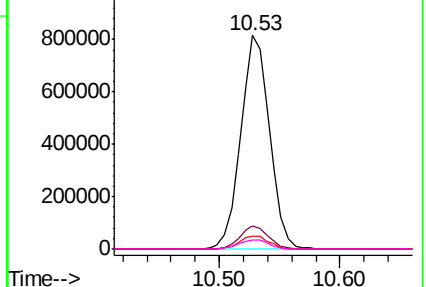


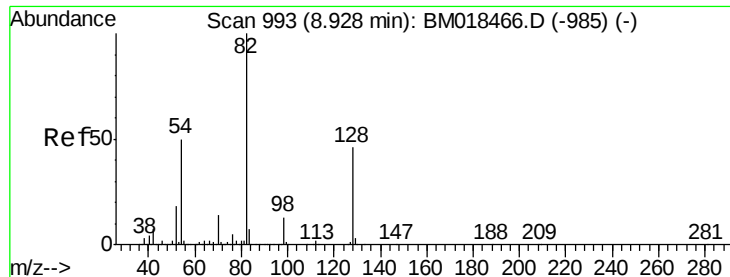
Abundance Ion 136.00 (135.70 to 136.70): BM018466.D (-1261) (-)

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) (-)

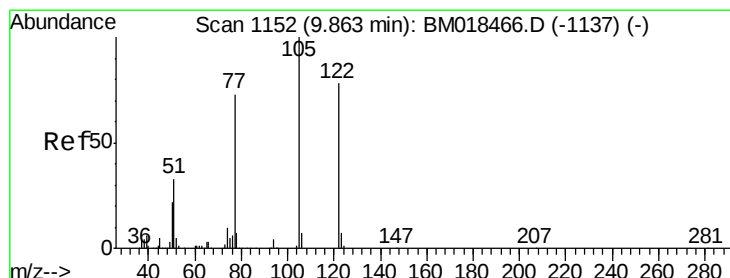
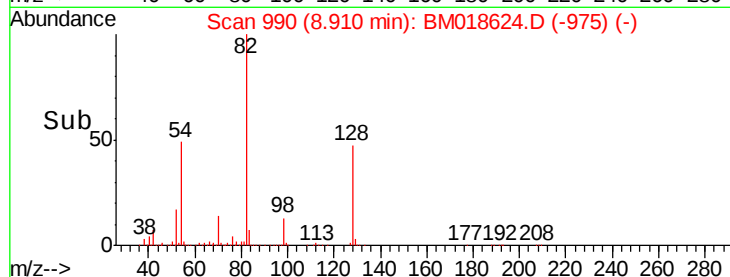
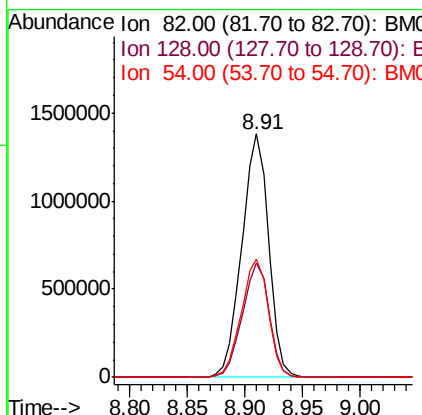
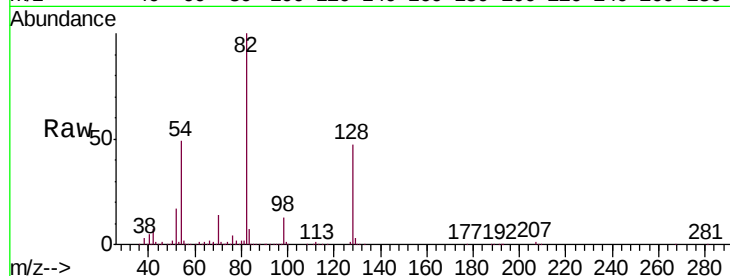




#23
 Nitrobenzene-d5
 Concen: 95.534 ng
 RT: 8.91 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BM018624.D
 Acq: 17 Jan 2019 21:10

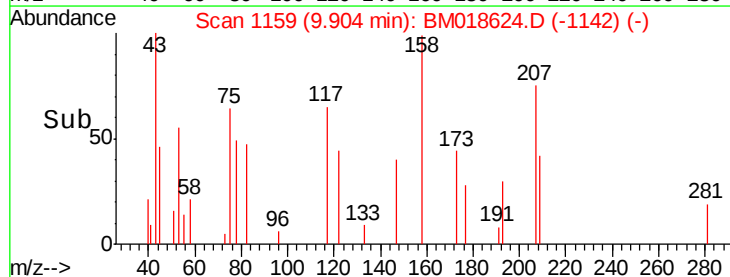
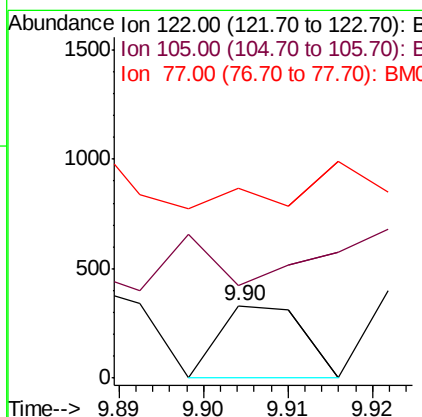
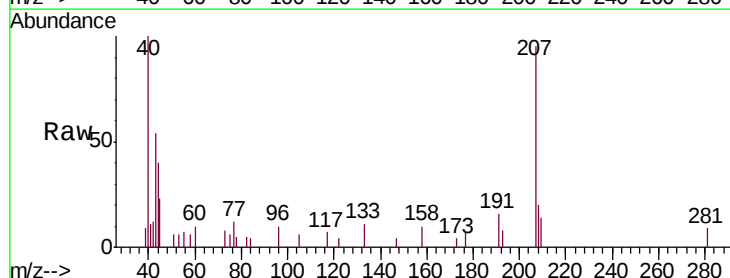
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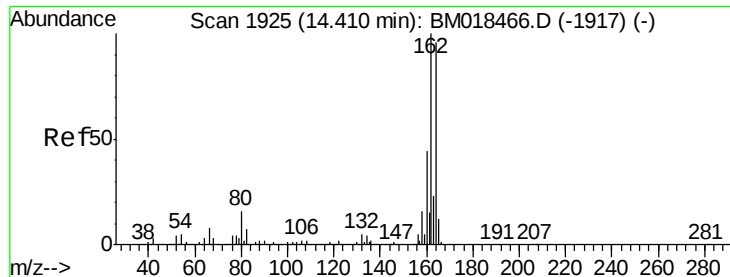
Tgt Ion: 82 Resp: 2235683
 Ion Ratio Lower Upper
 82 100
 128 47.0 36.3 54.5
 54 48.8 41.7 62.5



#32
 Benzoic acid
 Concen: 6.520 ng
 RT: 9.90 min Scan# 1159
 Delta R.T. 0.00 min
 Lab File: BM018624.D
 Acq: 17 Jan 2019 21:10

Tgt Ion: 122 Resp: 227
 Ion Ratio Lower Upper
 122 100
 105 128.0 100.4 140.4
 77 261.7 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: BM018624.D

Acq: 17 Jan 2019 21:10

Instrument :

BNA_M

ClientSampleId :

COMP-7

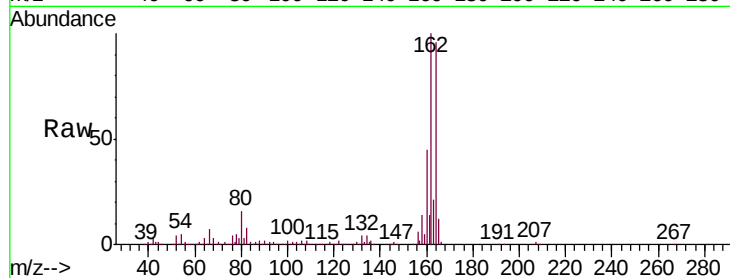
Tgt Ion:164 Resp: 707135

Ion Ratio Lower Upper

164 100

162 104.0 83.0 124.4

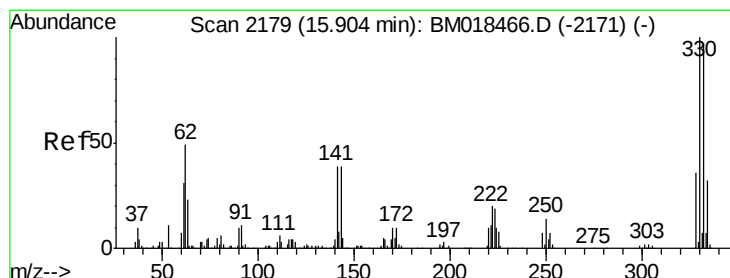
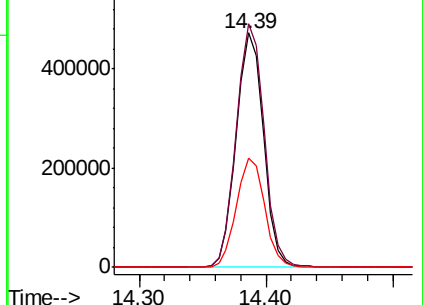
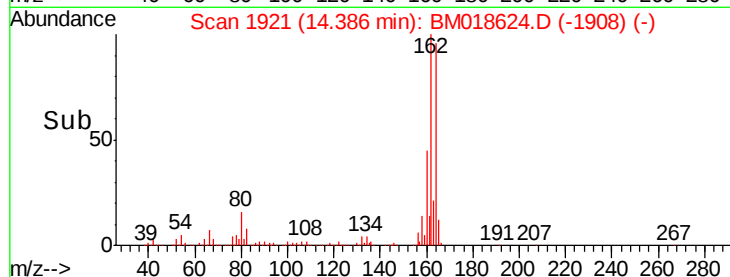
160 46.5 37.1 55.7



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: 140.009 ng

RT: 15.89 min Scan# 2176

Delta R.T. -0.02 min

Lab File: BM018624.D

Acq: 17 Jan 2019 21:10

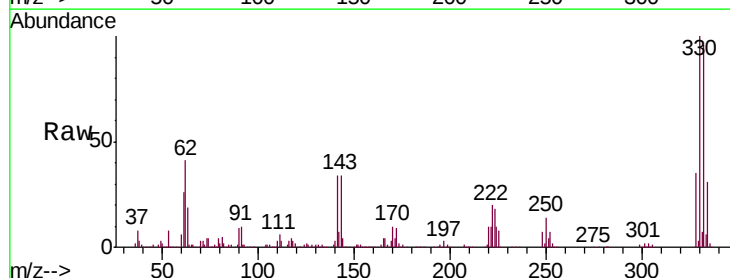
Tgt Ion:330 Resp: 1260617

Ion Ratio Lower Upper

330 100

332 96.8 77.6 116.4

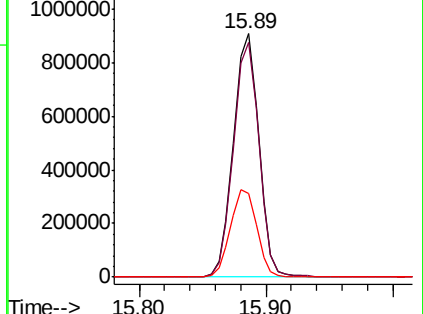
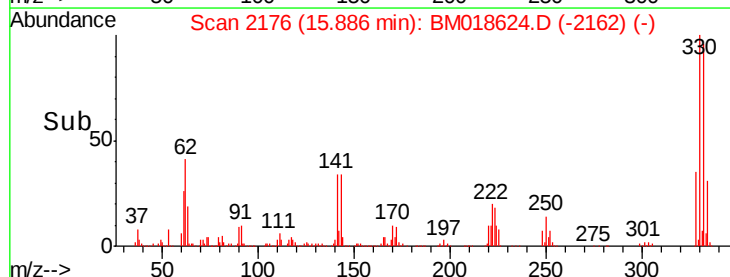
141 37.3 31.7 47.5

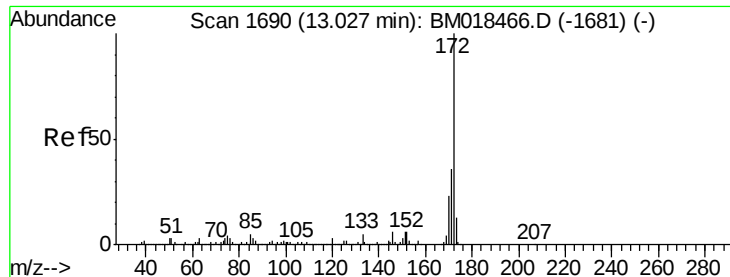


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

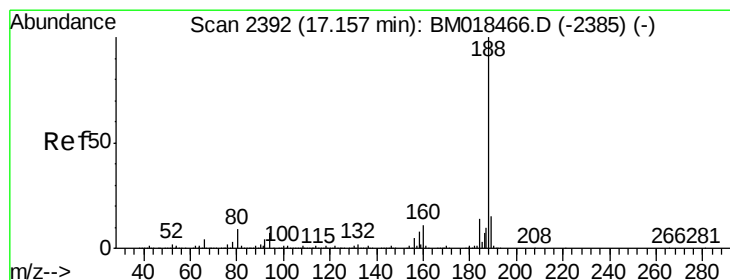
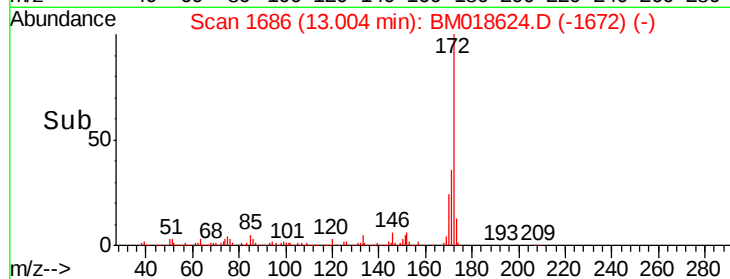
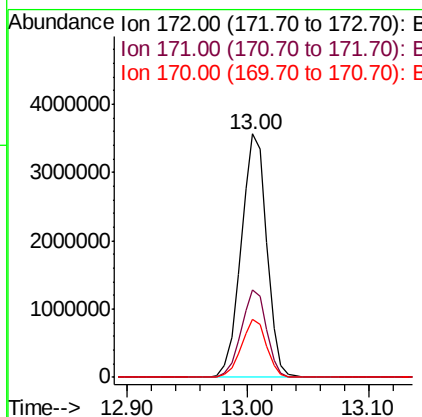
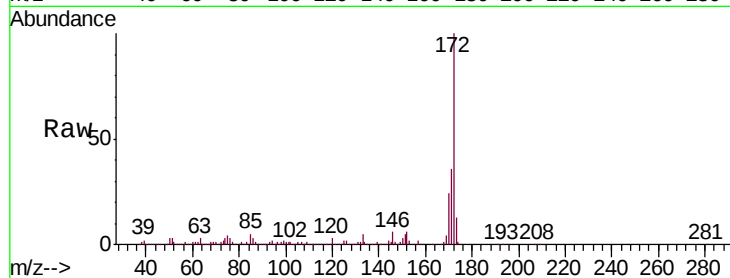




#45
2-Fluorobiphenyl
Concen: 97.559 ng
RT: 13.00 min Scan# 1686
Delta R.T. -0.02 min
Lab File: BM018624.D
Acq: 17 Jan 2019 21:10

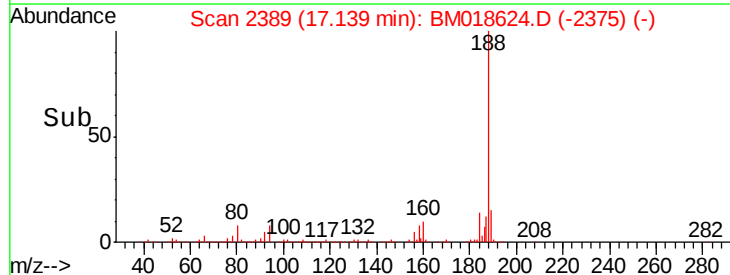
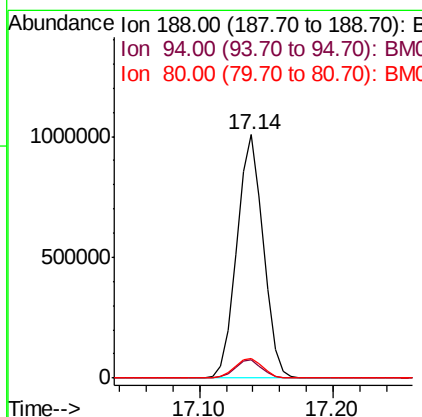
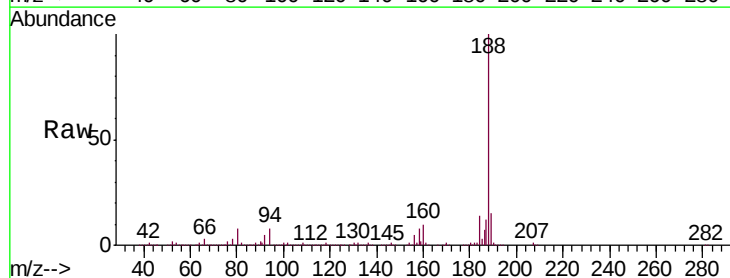
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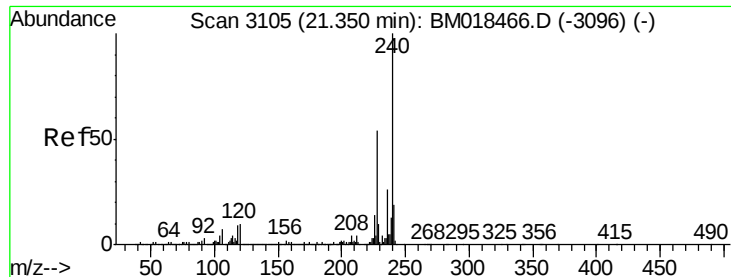
Tgt Ion:172 Resp: 5286948
Ion Ratio Lower Upper
172 100
171 35.9 28.2 42.4
170 23.6 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.14 min Scan# 2389
Delta R.T. -0.02 min
Lab File: BM018624.D
Acq: 17 Jan 2019 21:10

Tgt Ion:188 Resp: 1383218
Ion Ratio Lower Upper
188 100
94 7.6 7.1 10.7
80 8.1 7.6 11.4

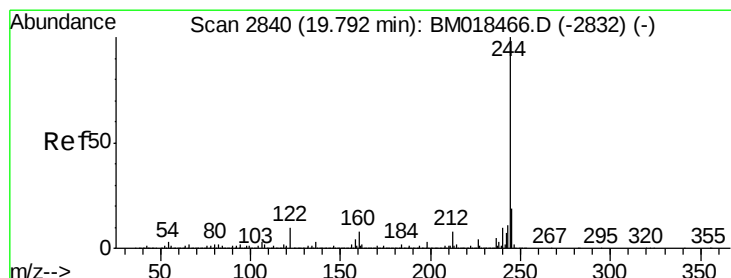
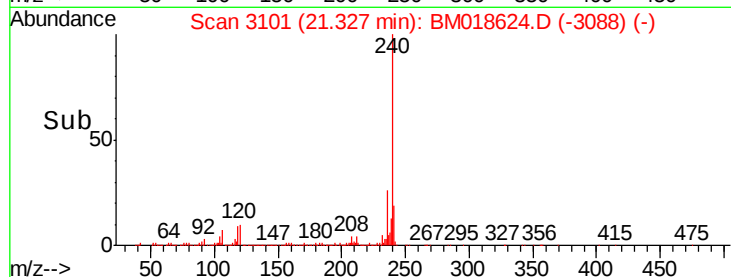
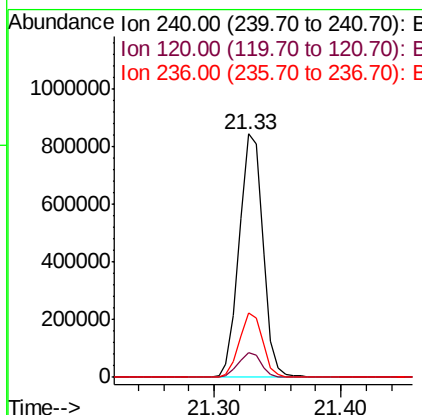
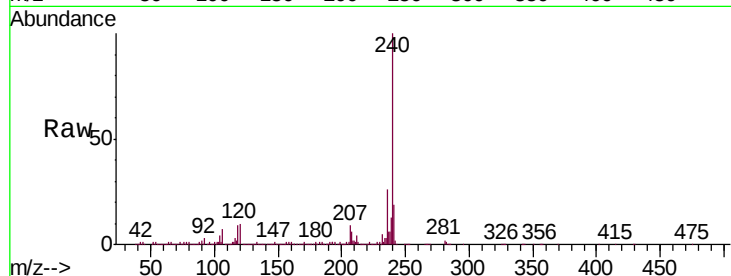




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.33 min Scan# 3101
Delta R.T. -0.02 min
Lab File: BM018624.D
Acq: 17 Jan 2019 21:10

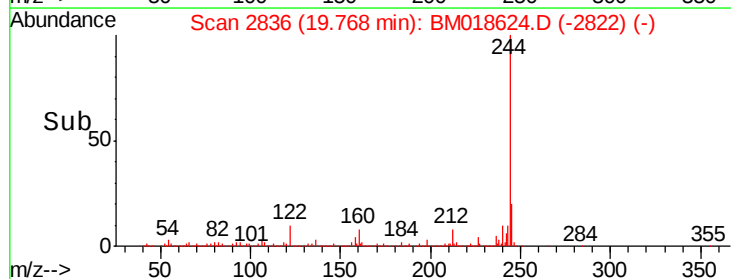
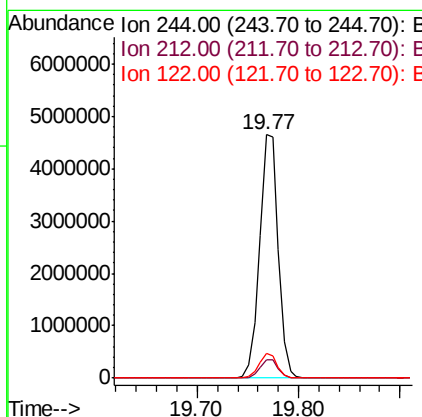
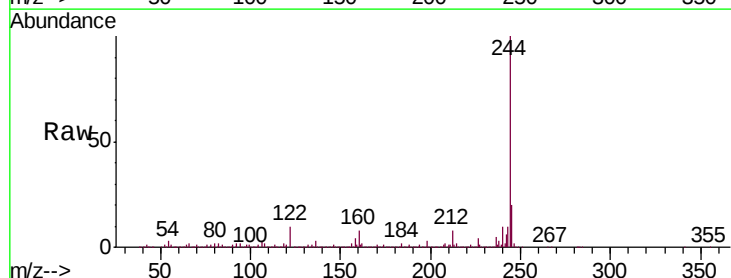
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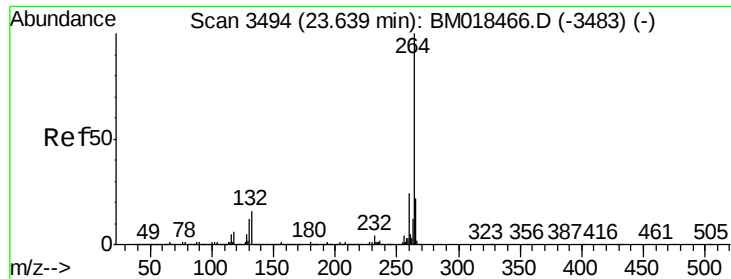
Tgt Ion:240 Resp: 1088700
Ion Ratio Lower Upper
240 100
120 9.9 8.4 12.6
236 26.3 20.7 31.1



#79
Terphenyl-d14
Concen: 113.874 ng
RT: 19.77 min Scan# 2836
Delta R.T. -0.02 min
Lab File: BM018624.D
Acq: 17 Jan 2019 21:10

Tgt Ion:244 Resp: 5881053
Ion Ratio Lower Upper
244 100
212 7.6 5.9 8.9
122 10.2 9.0 13.4



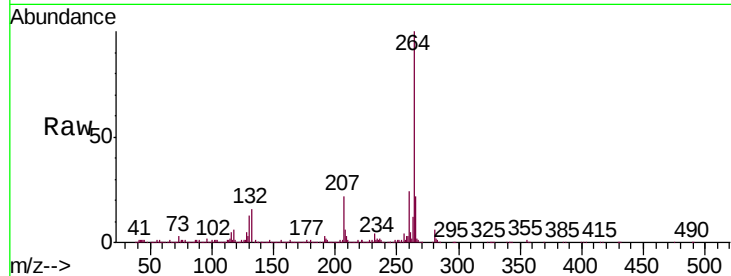


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.60 min Scan# 3488
Delta R.T. -0.03 min
Lab File: BM018624.D
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Tgt Ion: 264 Resp: 1122305

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	21.9	16.8	25.2



Abundance Ion 264.00 (263.70 to 264.70): E
800000 Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

