

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122118\
 Data File : BM018376.D
 Acq On : 22 Dec 2018 02:43
 Operator : JU/SJ
 Sample : J6389-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS014-0006-01

Quant Time: Dec 22 05:59:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 15 21:39:37 2018
 Response via : Initial Calibration

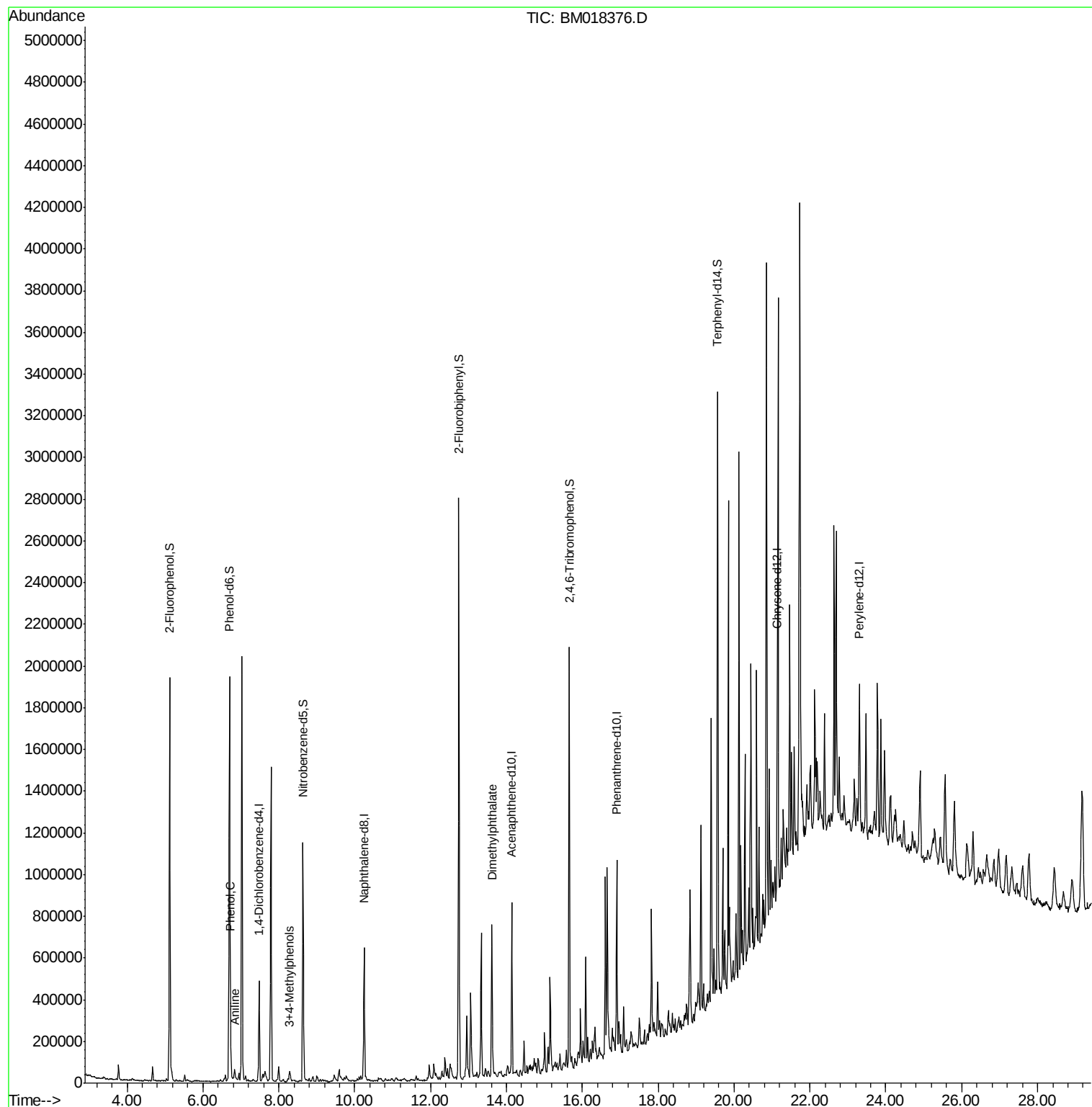
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	115235	20.00	ng	-0.02
21) Naphthalene-d8	10.25	136	465914	20.00	ng	-0.02
39) Acenaphthene-d10	14.14	164	249158	20.00	ng	-0.02
64) Phenanthrene-d10	16.91	188	465726	20.00	ng	-0.01
76) Chrysene-d12	21.13	240	419579	20.00	ng	-0.01
87) Perylene-d12	23.30	264	453572	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	719656	104.32	ng	0.00
7) Phenol-d6	6.70	99	984435	102.67	ng	0.00
23) Nitrobenzene-d5	8.64	82	669679	73.73	ng	-0.02
42) 2,4,6-Tribromophenol	15.66	330	317000	86.68	ng	-0.01
45) 2-Fluorobiphenyl	12.75	172	1248925	64.92	ng	-0.02
79) Terphenyl-d14	19.57	244	1130862	60.96	ng	0.00
Target Compounds						
6) Aniline	6.83	93	38619	3.211	ng	Qvalue # 86
10) Phenol	6.72	94	132398	13.039	ng	91
20) 3+4-Methylphenols	8.28	107	24177	2.545	ng	89
50) Dimethylphthalate	13.62	163	76978	3.716	ng	# 1

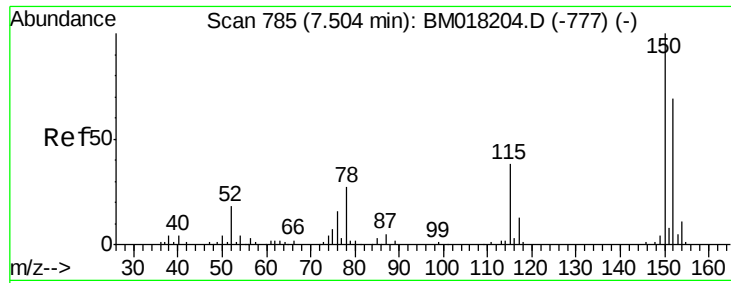
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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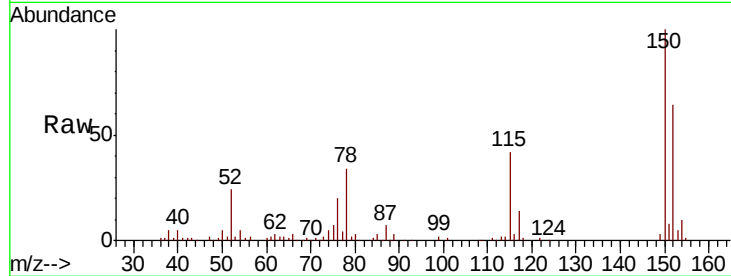


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.48 min Scan# 781
Delta R.T. -0.02 min
Lab File: BM018376.D
Acq: 22 Dec 2018 02:43

Instrument :
BNA_M
ClientSampleId :
P001-SS014-0006-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	116.1	174.1
115	65.4	44.6	67.0

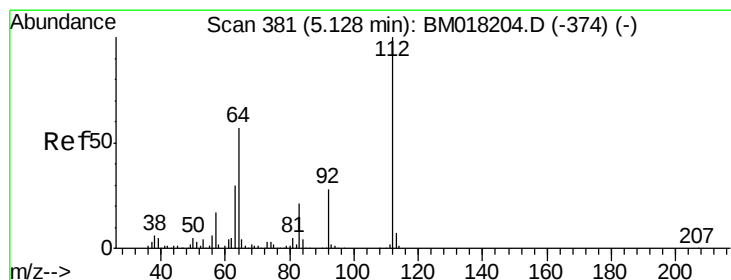
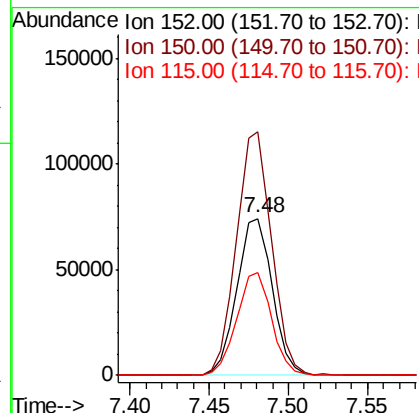
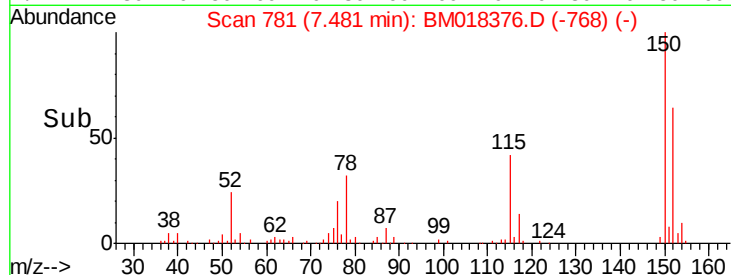


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

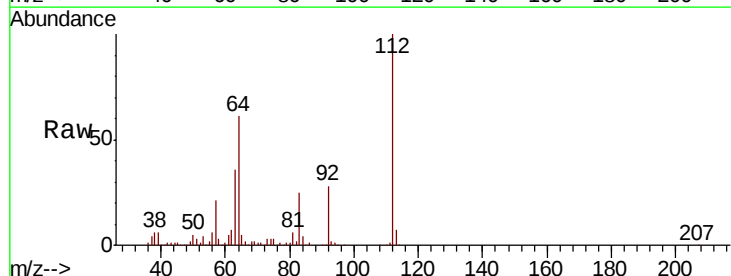
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 104.324 ng
RT: 5.12 min Scan# 380
Delta R.T. -0.01 min
Lab File: BM018376.D
Acq: 22 Dec 2018 02:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.2	45.4	68.2
63	35.8	24.0	36.0

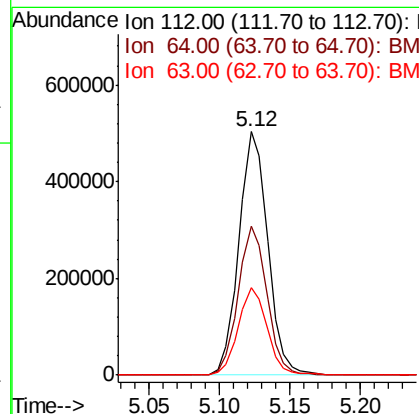
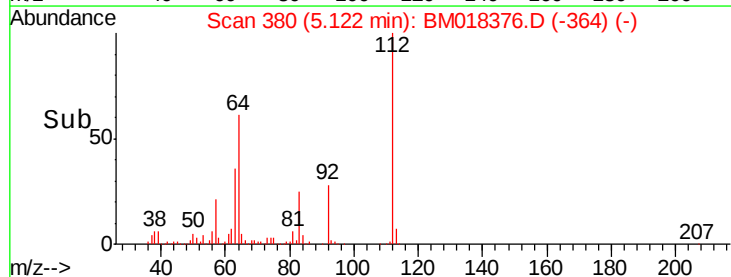


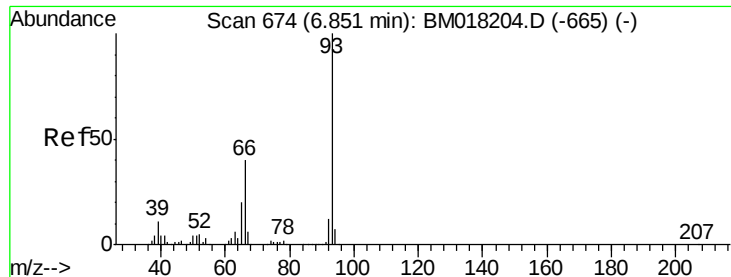
Abundance

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





#6

Aniline

Concen: 3.211 ng

RT: 6.83 min Scan# 671

Delta R.T. -0.02 min

Lab File: BM018376.D

Acq: 22 Dec 2018 02:43

Instrument :

BNA_M

ClientSampleId :

P001-SS014-0006-01

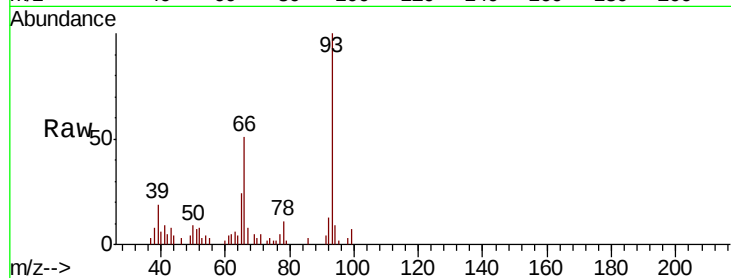
Tot Ion: 93 Resp: 38619

Ion Ratio Lower Upper

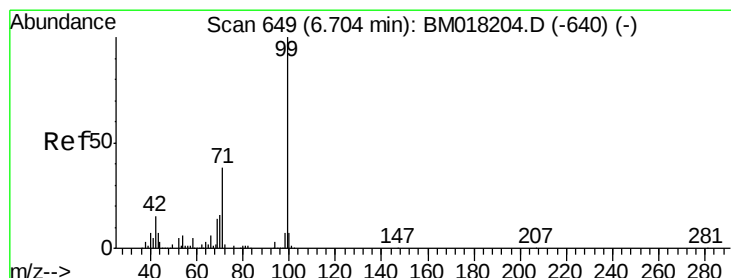
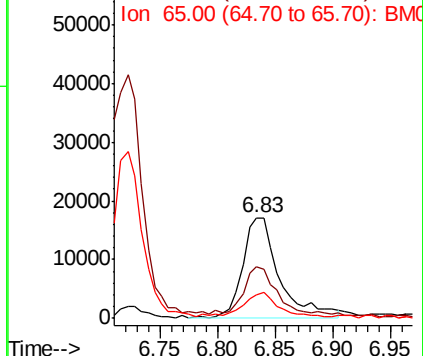
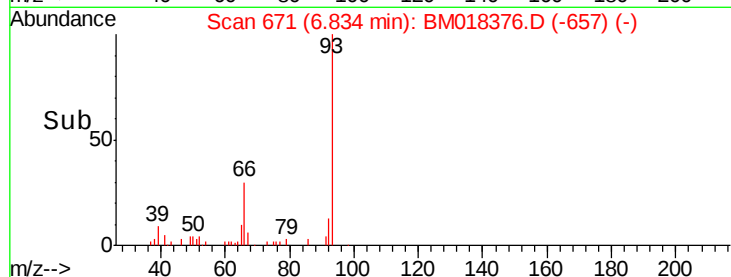
93 100

66 51.4 32.3 48.5#

65 23.6 16.2 24.4



Abundance Ion 93.00 (92.70 to 93.70): BM018376.D (-657) (-)



#7

Phenol-d6

Concen: 102.673 ng

RT: 6.70 min Scan# 648

Delta R.T. -0.01 min

Lab File: BM018376.D

Acq: 22 Dec 2018 02:43

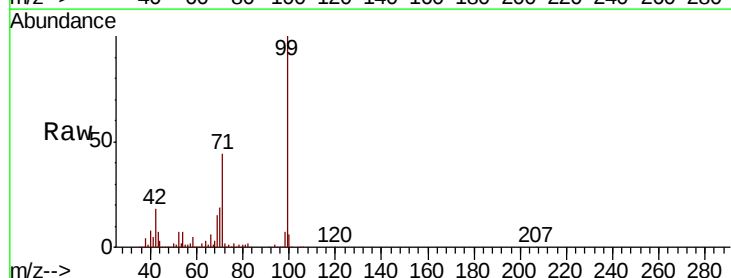
Tgt Ion: 99 Resp: 984435

Ion Ratio Lower Upper

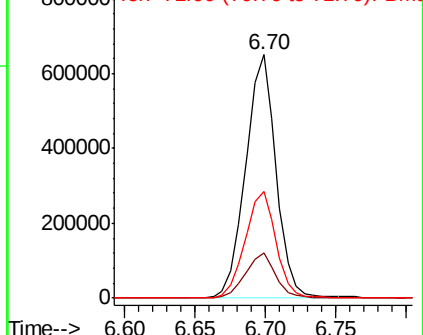
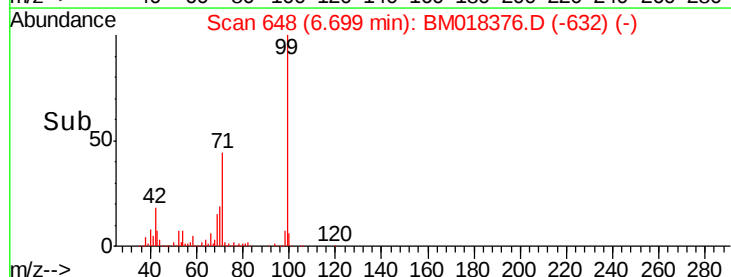
99 100

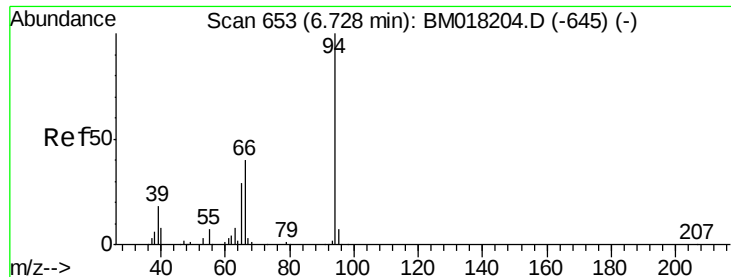
42 18.4 12.3 18.5

71 43.8 30.2 45.2



Abundance Ion 99.00 (98.70 to 99.70): BM018376.D (-632) (-)





#10

Phenol

Concen: 13.039 ng

RT: 6.72 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM018376.D

Acq: 22 Dec 2018 02:43

Instrument :

BNA_M

ClientSampleId :

P001-SS014-0006-01

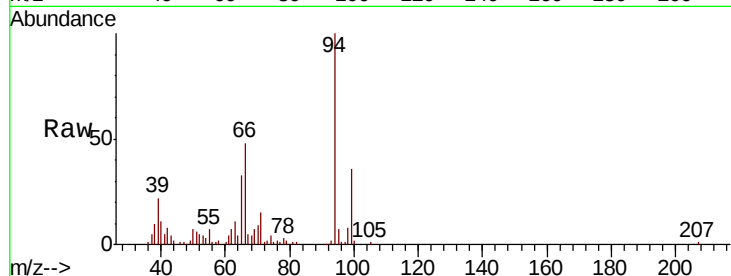
Tot Ion: 94 Resp: 132398

Ion Ratio Lower Upper

94 100

65 32.8 9.5 49.5

66 48.0 21.3 61.3

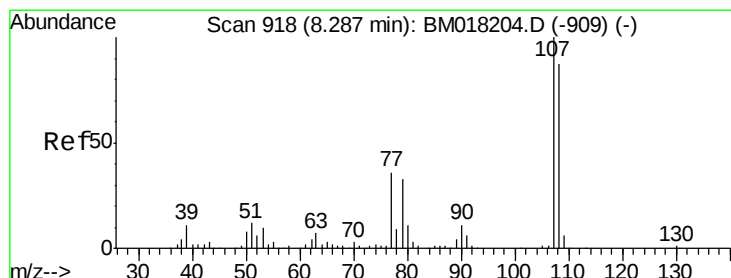
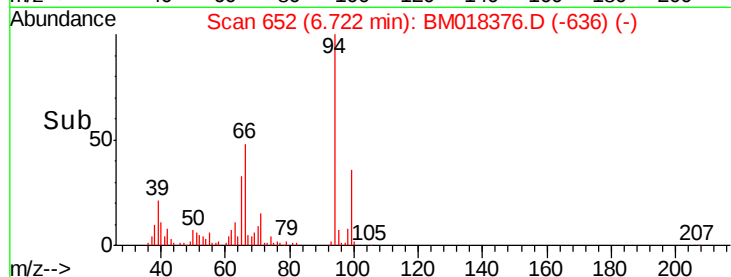
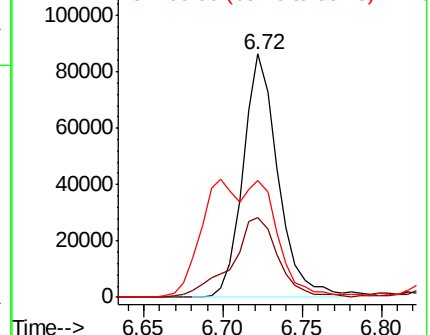


Abundance

Ion 94.00 (93.70 to 94.70): BM018204.D (-645) (-)

Ion 65.00 (64.70 to 65.70): BM018204.D (-645) (-)

Ion 66.00 (65.70 to 66.70): BM018204.D (-645) (-)



#20

3+4-Methylphenols

Concen: 2.545 ng

RT: 8.28 min Scan# 917

Delta R.T. -0.01 min

Lab File: BM018376.D

Acq: 22 Dec 2018 02:43

Tgt Ion:107 Resp: 24177

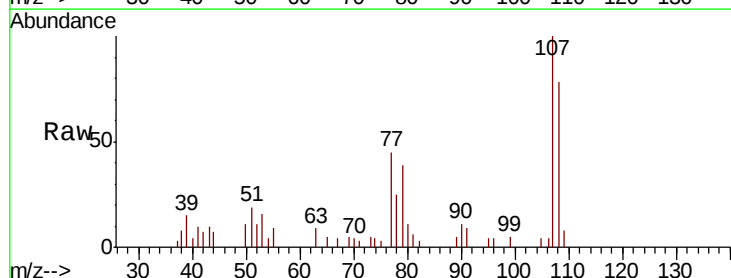
Ion Ratio Lower Upper

107 100

108 77.6 67.4 107.4

77 44.8 15.7 55.7

79 38.6 13.3 53.3



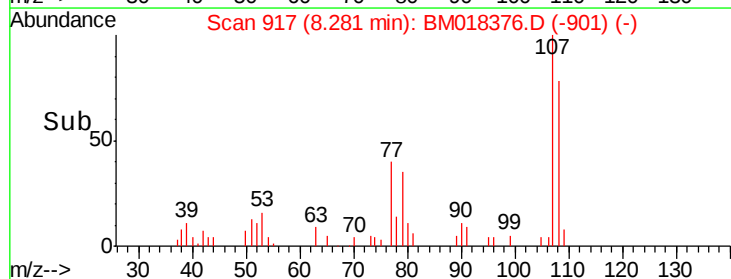
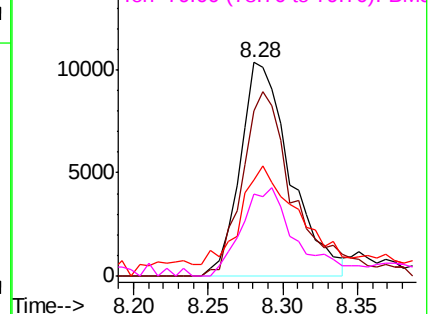
Abundance

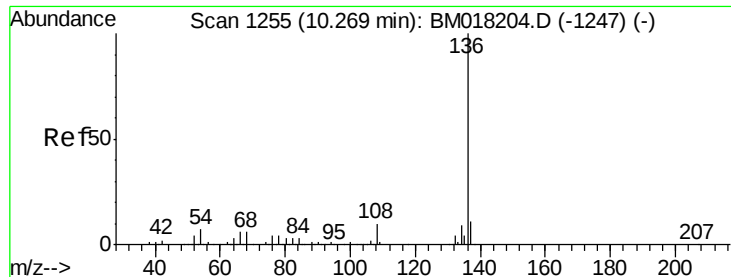
Ion 107.00 (106.70 to 107.70): BM018204.D (-909) (-)

Ion 108.00 (107.70 to 108.70): BM018204.D (-909) (-)

Ion 77.00 (76.70 to 77.70): BM018204.D (-909) (-)

Ion 79.00 (78.70 to 79.70): BM018204.D (-909) (-)

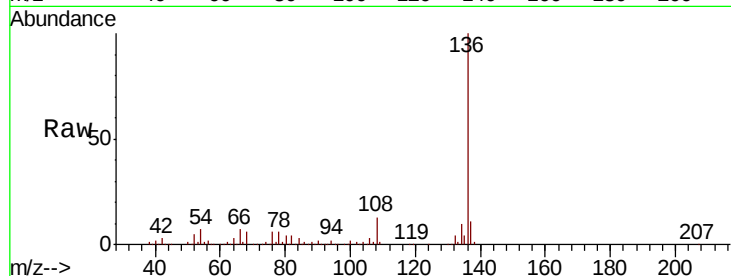




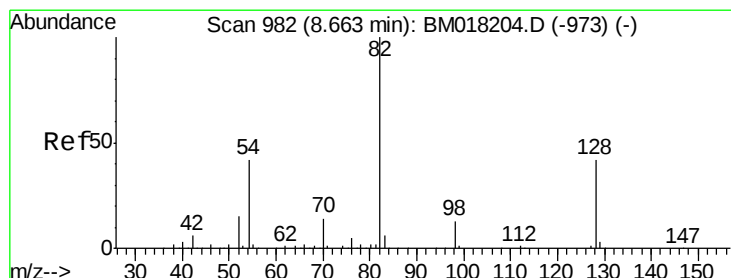
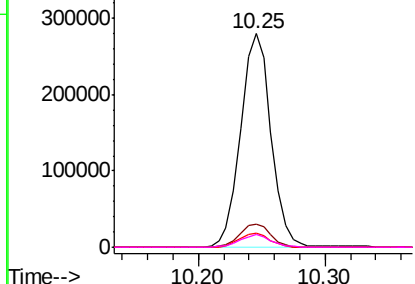
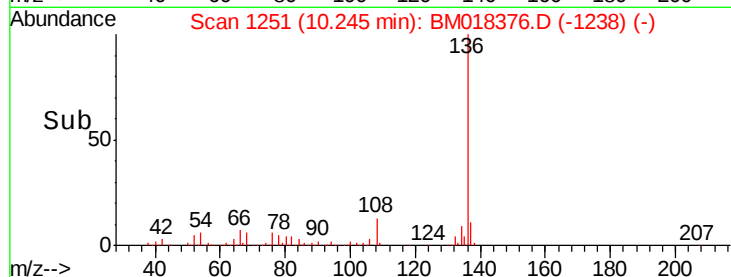
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.25 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BM018376.D
Acq: 22 Dec 2018 02:43

Instrument :
BNA_M
ClientSampleId :
P001-SS014-0006-01

Tot Ion:136	Resp:	465914
Ion	Ratio	Lower Upper
136	100	
137	10.7	9.2 13.8
54	6.6	5.2 7.8
68	5.8	5.0 7.6

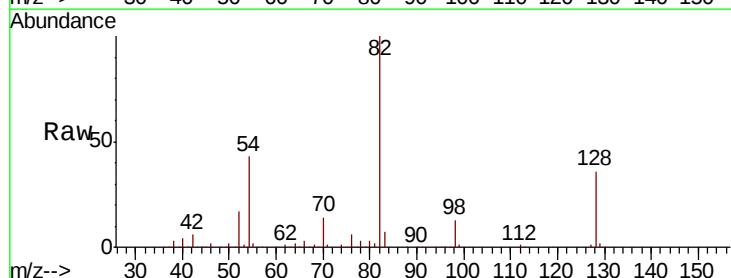


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

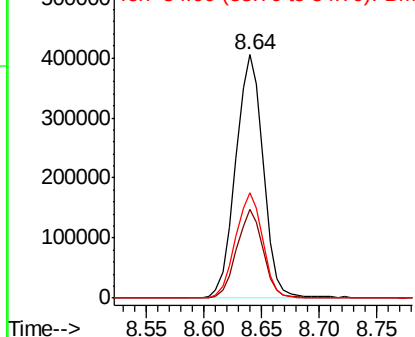
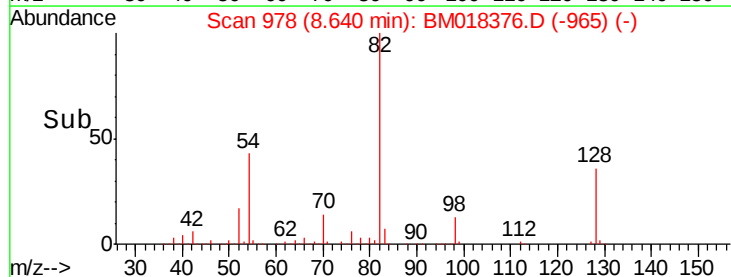


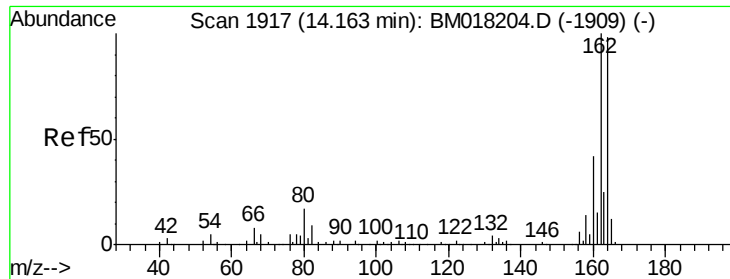
#23
Nitrobenzene-d5
Concen: 73.727 ng
RT: 8.64 min Scan# 978
Delta R.T. -0.02 min
Lab File: BM018376.D
Acq: 22 Dec 2018 02:43

Tgt Ion: 82	Resp:	669679
Ion	Ratio	Lower Upper
82	100	
128	36.4	33.4 50.2
54	43.3	33.4 50.2



Abundance Ion 82.00 (81.70 to 82.70): BM
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.14 min Scan# 1913

Delta R.T. -0.02 min

Lab File: BM018376.D

Acq: 22 Dec 2018 02:43

Instrument :

BNA_M

ClientSampleId :

P001-SS014-0006-01

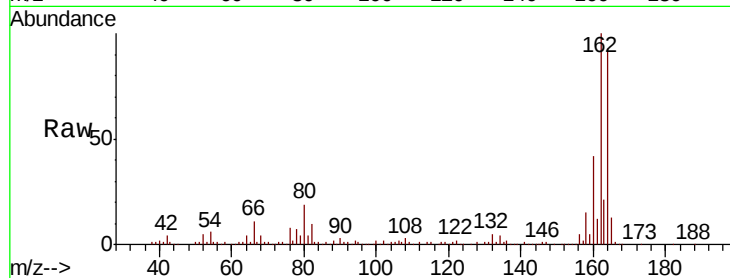
Tot Ion:164 Resp: 249158

Ion Ratio Lower Upper

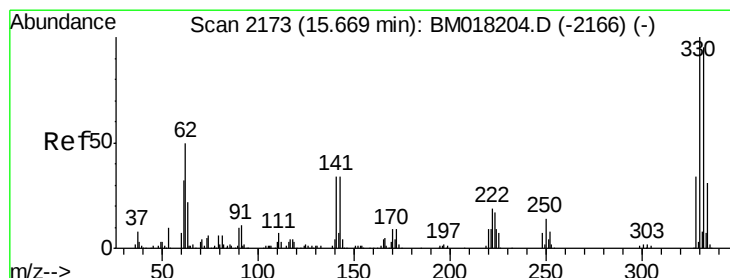
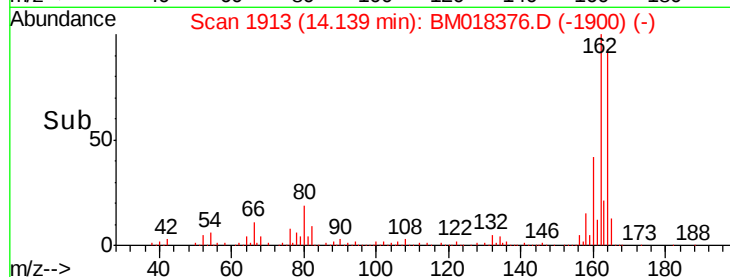
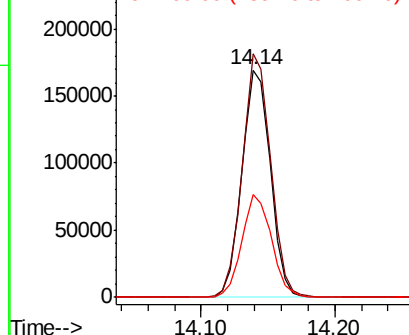
164 100

162 107.1 81.8 122.6

160 45.0 34.6 51.8



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: 86.684 ng

RT: 15.66 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BM018376.D

Acq: 22 Dec 2018 02:43

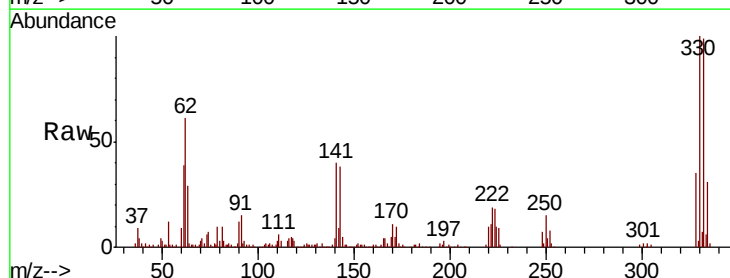
Tgt Ion:330 Resp: 317000

Ion Ratio Lower Upper

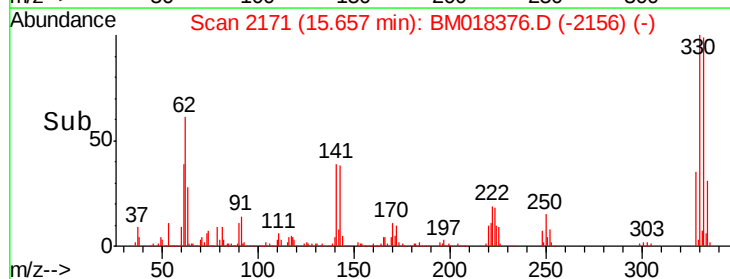
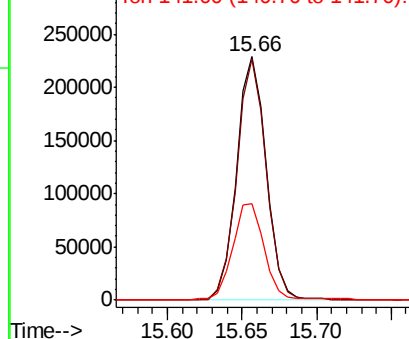
330 100

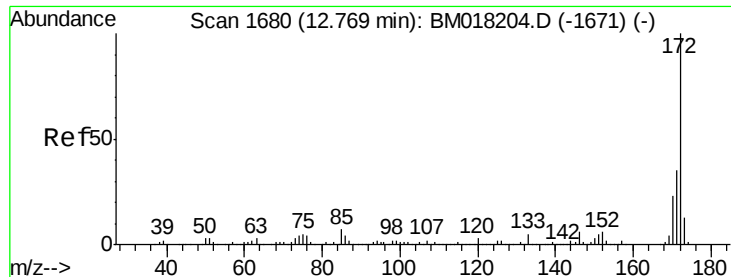
332 98.0 78.6 118.0

141 41.9 27.1 40.7#



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

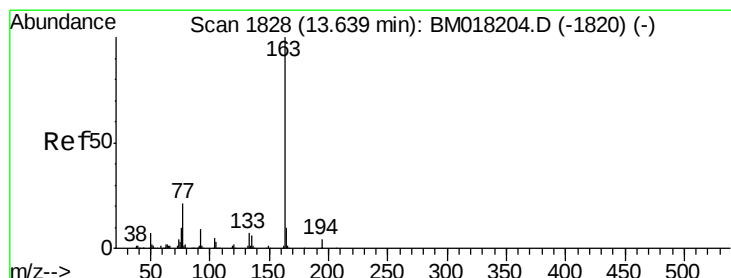
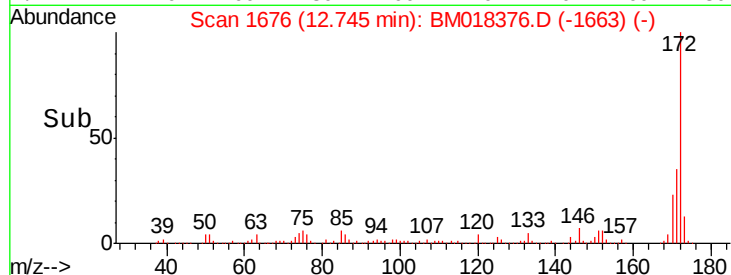
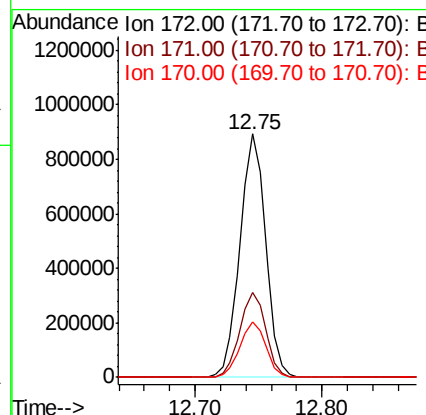
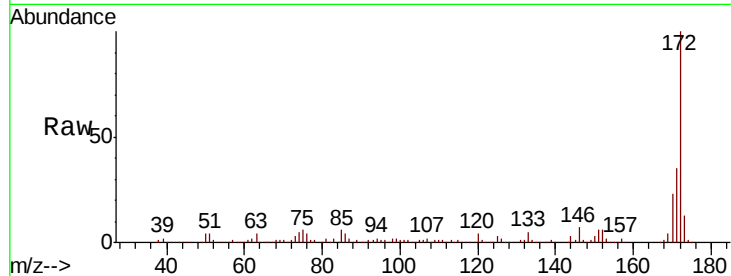




#45
2-Fluorobiphenyl
Concen: 64.925 ng
RT: 12.75 min Scan# 1676
Delta R.T. -0.02 min
Lab File: BM018376.D
Acq: 22 Dec 2018 02:43

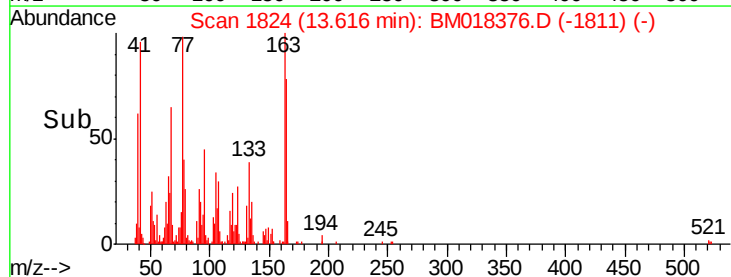
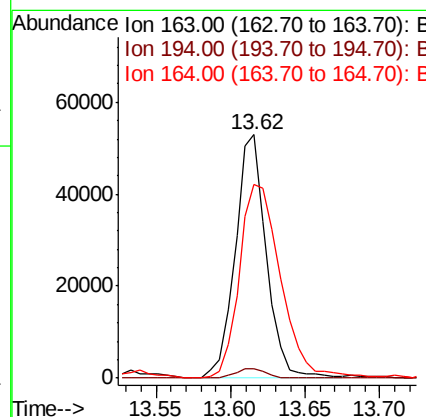
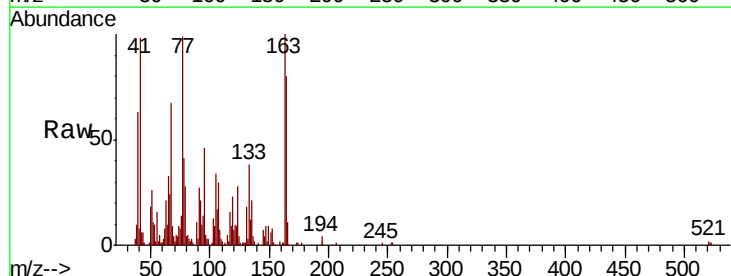
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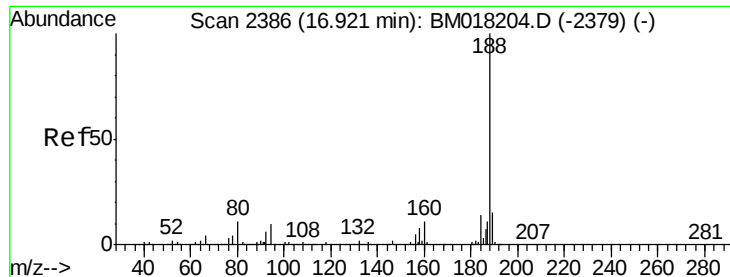
Tot Ion:172 Resp: 1248925
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 22.9 18.1 27.1



#50
Dimethylphthalate
Concen: 3.716 ng
RT: 13.62 min Scan# 1824
Delta R.T. -0.02 min
Lab File: BM018376.D
Acq: 22 Dec 2018 02:43

Tgt Ion:163 Resp: 76978
Ion Ratio Lower Upper
163 100
194 3.7 3.1 4.7
164 79.7 7.9 11.9#

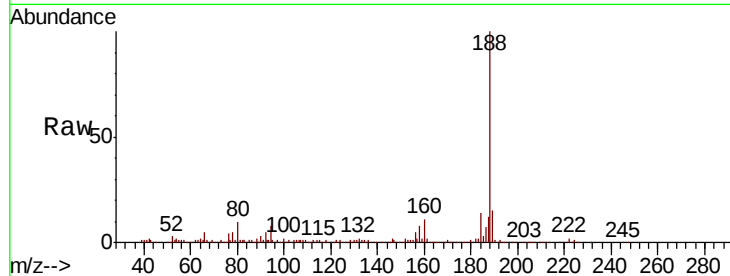




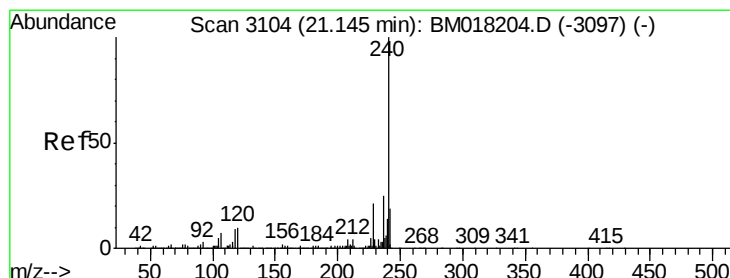
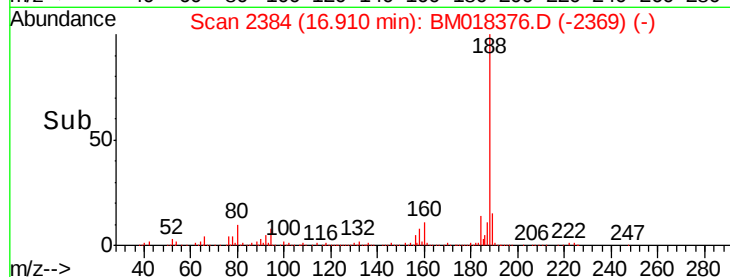
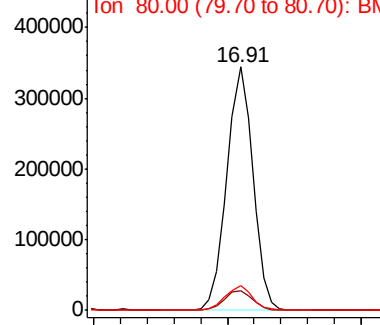
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.91 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM018376.D
Acq: 22 Dec 2018 02:43

Instrument :
BNA_M
ClientSampleId :
P001-SS014-0006-01

Tot Ion:188 Resp: 465726
Ion Ratio Lower Upper
188 100
94 7.9 8.0 12.0#
80 10.0 9.0 13.6

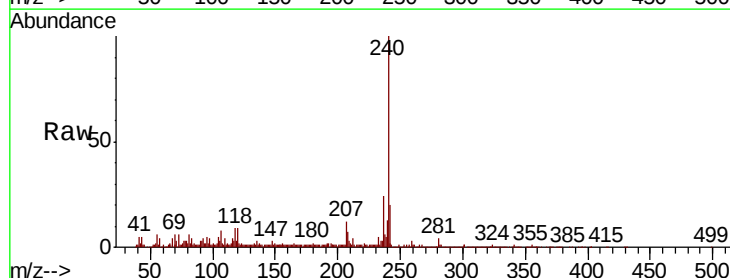


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

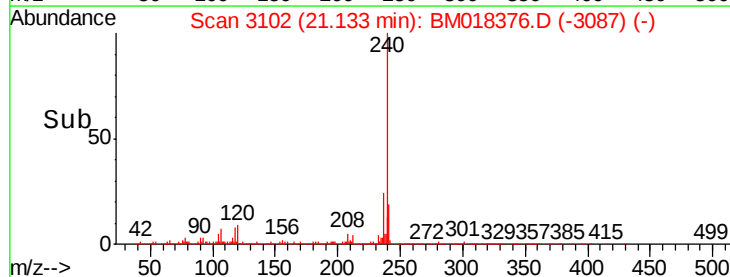
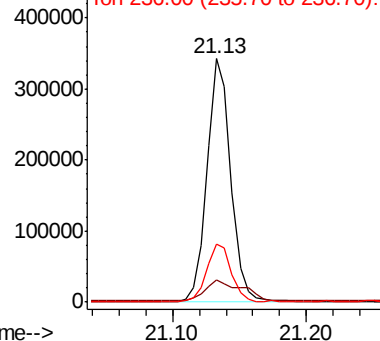


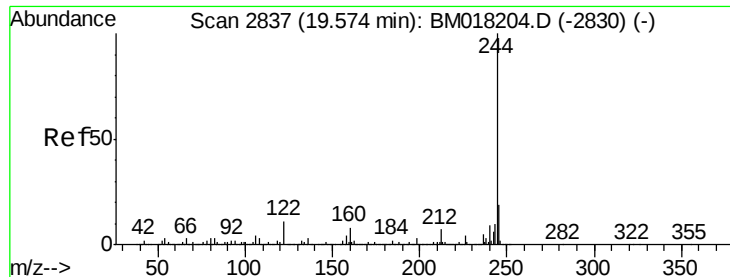
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.13 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BM018376.D
Acq: 22 Dec 2018 02:43

Tgt Ion:240 Resp: 419579
Ion Ratio Lower Upper
240 100
120 9.3 8.2 12.2
236 24.1 20.3 30.5



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 60.957 ng

RT: 19.57 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BM018376.D

Acq: 22 Dec 2018 02:43

Instrument :

BNA_M

ClientSampleId :

P001-SS014-0006-01

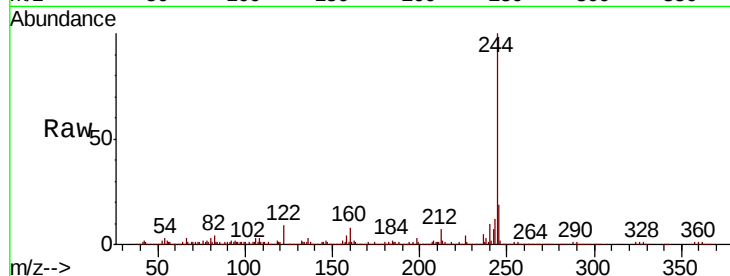
Tot Ion:244 Resp: 1130862

Ion Ratio Lower Upper

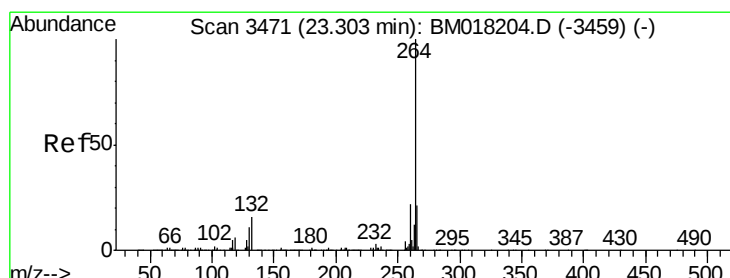
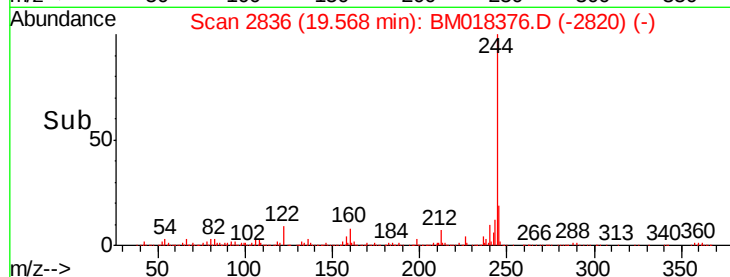
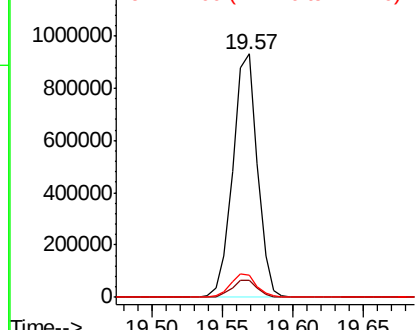
244 100

212 7.2 5.8 8.8

122 9.0 9.0 13.6#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.30 min Scan# 3471

Delta R.T. 0.00 min

Lab File: BM018376.D

Acq: 22 Dec 2018 02:43

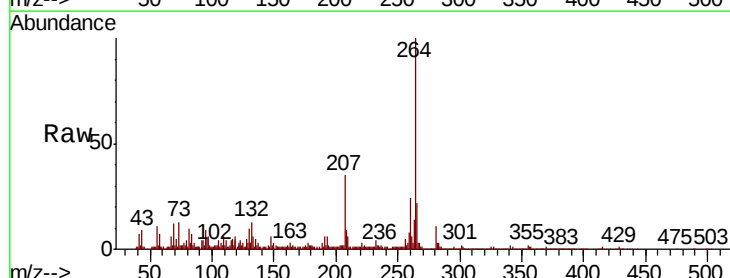
Tgt Ion:264 Resp: 453572

Ion Ratio Lower Upper

264 100

260 24.4 17.5 26.3

265 22.3 17.3 25.9



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

