

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM031919\
 Data File : BM019253.D
 Acq On : 20 Mar 2019 04:41
 Operator : JU/SJ
 Sample : K1948-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PST-025-B126-031319

Quant Time: Mar 20 05:58:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 11 17:30:46 2019
 Response via : Initial Calibration

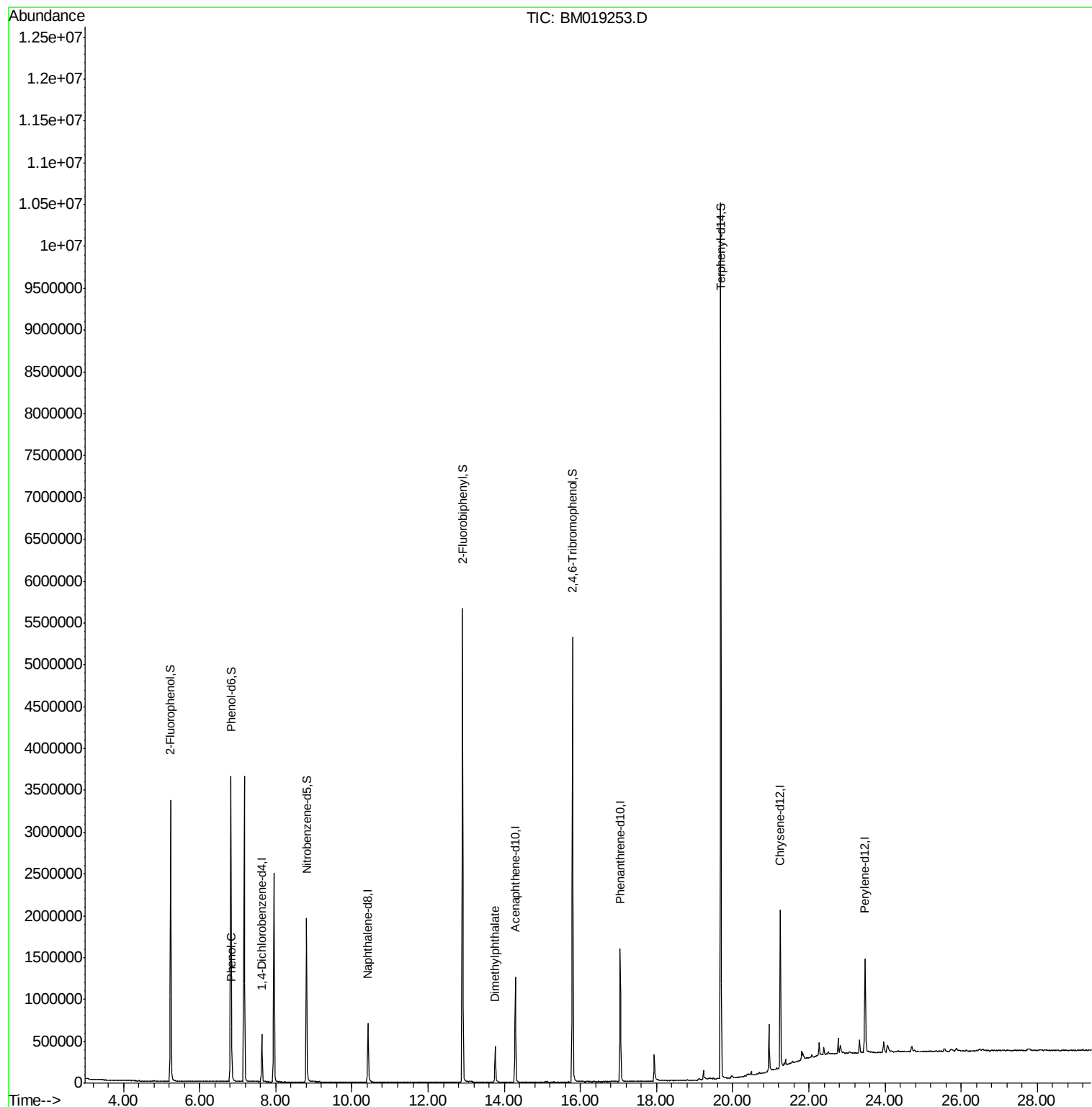
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	149812	20.00	ng	-0.03
21) Naphthalene-d8	10.42	136	605694	20.00	ng	-0.03
39) Acenaphthene-d10	14.29	164	400178	20.00	ng	-0.03
64) Phenanthrene-d10	17.04	188	934765	20.00	ng	-0.03
76) Chrysene-d12	21.24	240	921227	20.00	ng	-0.03
87) Perylene-d12	23.47	264	815622	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	1426001	154.15	ng	-0.02
7) Phenol-d6	6.82	99	2132708	157.62	ng	-0.02
23) Nitrobenzene-d5	8.80	82	1271696	99.25	ng	-0.03
42) 2,4,6-Tribromophenol	15.79	330	995329	168.46	ng	-0.03
45) 2-Fluorobiphenyl	12.90	172	2819356	91.64	ng	-0.03
79) Terphenyl-d14	19.69	244	4774747	102.89	ng	-0.02
Target Compounds						
10) Phenol	6.85	94	123829	8.492	ng	95
50) Dimethylphthalate	13.76	163	316798	9.254	ng	99

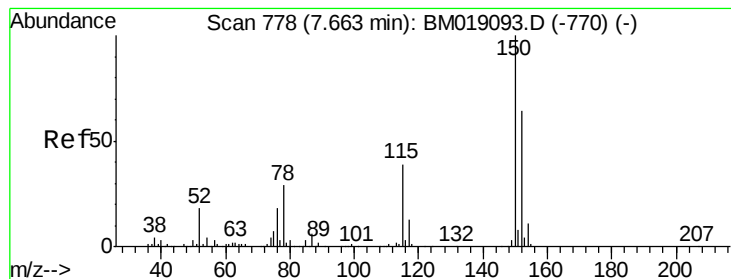
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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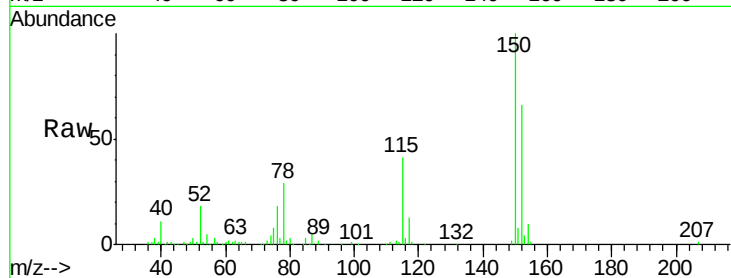


#1

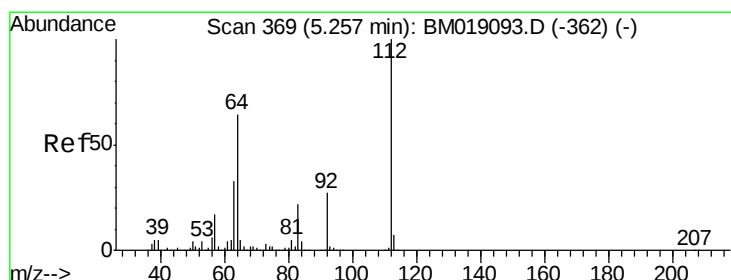
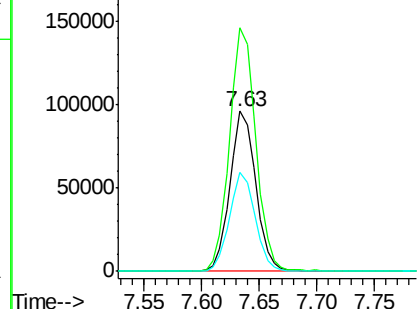
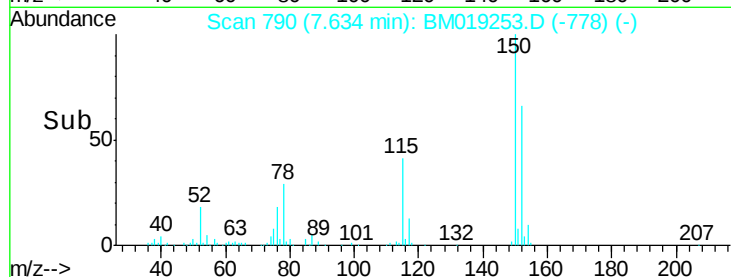
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 790
Delta R.T. -0.03 min
Lab File: BM019253.D
Acq: 20 Mar 2019 04:41

Instrument :
BNA_M
ClientSampleId :
PST-025-B126-031319

Tgt Ion:152 Resp: 149812
Ion Ratio Lower Upper
152 100
150 152.0 125.3 187.9
115 61.7 49.4 74.0



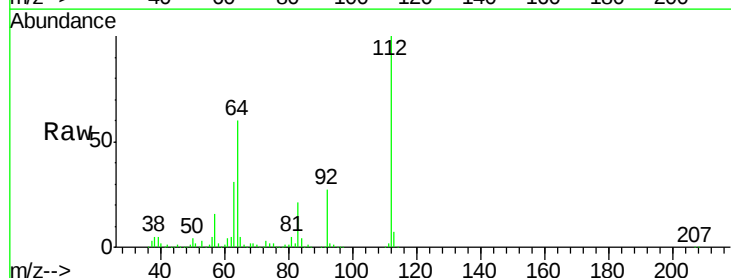
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



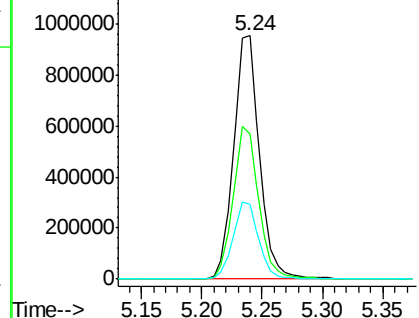
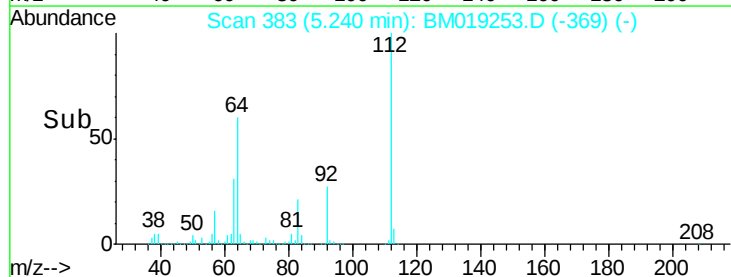
#5

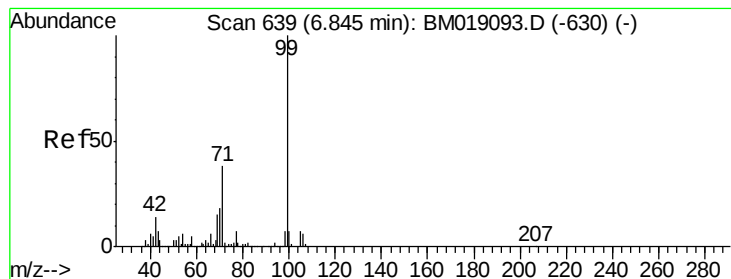
2-Fluorophenol
Concen: 154.152 ng
RT: 5.24 min Scan# 383
Delta R.T. -0.02 min
Lab File: BM019253.D
Acq: 20 Mar 2019 04:41

Tgt Ion:112 Resp: 1426001
Ion Ratio Lower Upper
112 100
64 59.8 51.4 77.0
63 30.7 26.6 40.0



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





#7

Phenol-d6

Concen: 157.617 ng

RT: 6.82 min Scan# 652

Delta R.T. -0.02 min

Lab File: BM019253.D

Acq: 20 Mar 2019 04:41

Instrument :

BNA_M

ClientSampleId :

PST-025-B126-031319

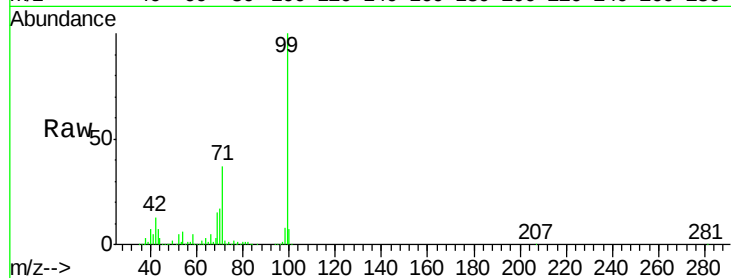
Tgt Ion: 99 Resp: 2132708

Ion Ratio Lower Upper

99 100

42 13.3 10.9 16.3

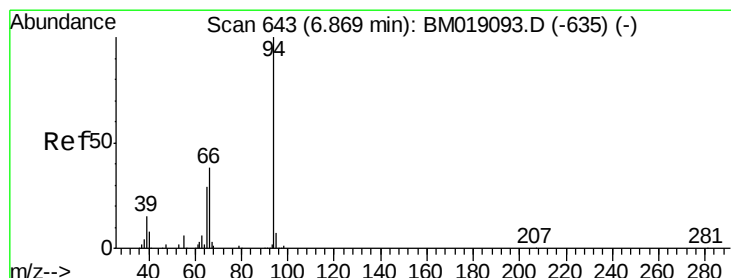
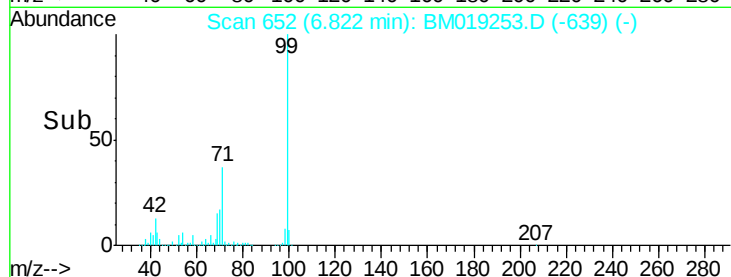
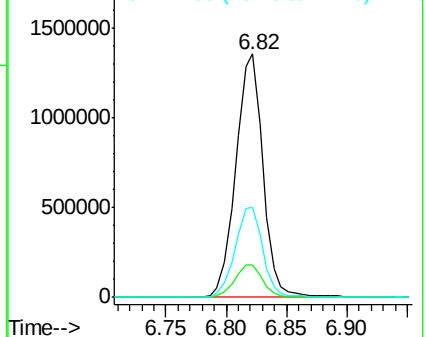
71 37.1 30.3 45.5



Abundance Ion 99.00 (98.70 to 99.70): BM019253.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM019253.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM019253.D (-639) (-)



#10

Phenol

Concen: 8.492 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.02 min

Lab File: BM019253.D

Acq: 20 Mar 2019 04:41

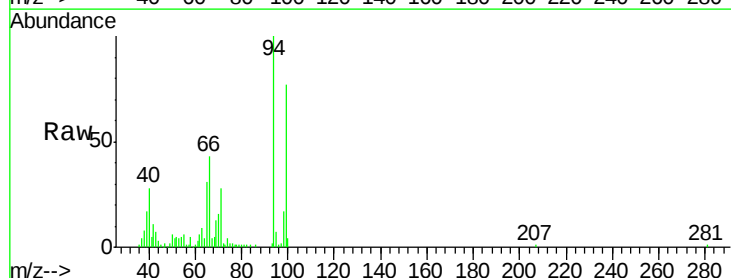
Tgt Ion: 94 Resp: 123829

Ion Ratio Lower Upper

94 100

65 31.3 9.7 49.7

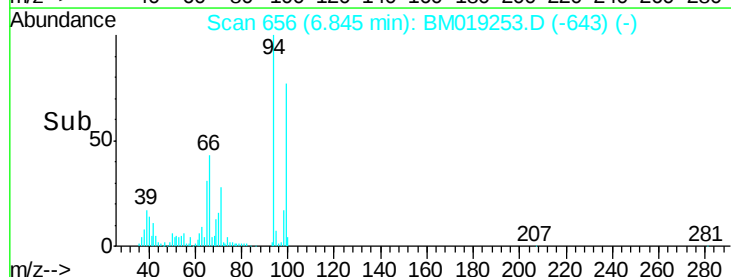
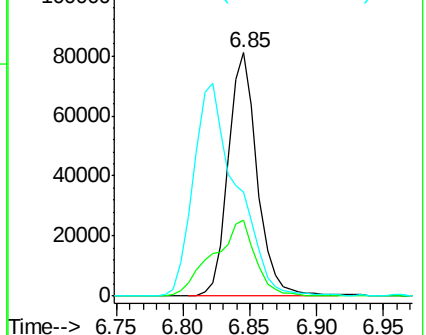
66 42.7 19.2 59.2



Abundance Ion 94.00 (93.70 to 94.70): BM019253.D (-643) (-)

Ion 65.00 (64.70 to 65.70): BM019253.D (-643) (-)

Ion 66.00 (65.70 to 66.70): BM019253.D (-643) (-)

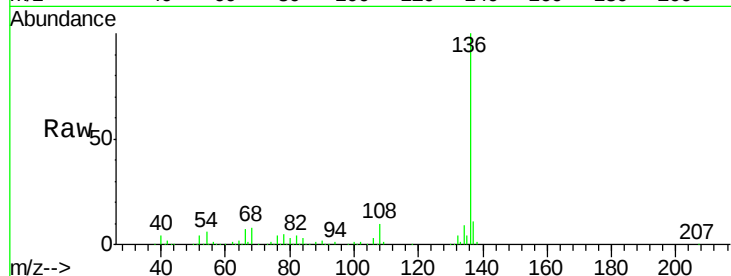




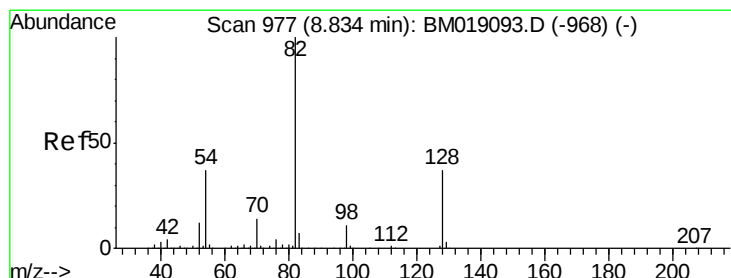
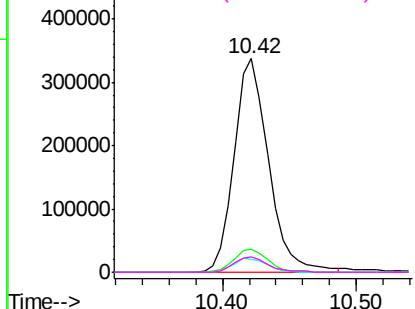
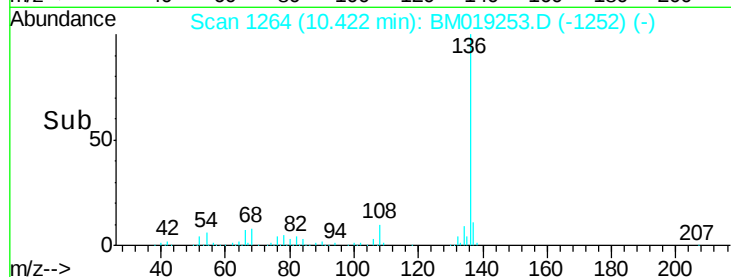
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.42 min Scan# 1264
Delta R.T. -0.03 min
Lab File: BM019253.D
Acq: 20 Mar 2019 04:41

Instrument :
BNA_M
ClientSampleId :
PST-025-B126-031319

Tgt Ion: 136 Resp: 605694
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 6.2 5.2 7.8
68 7.5 5.8 8.8

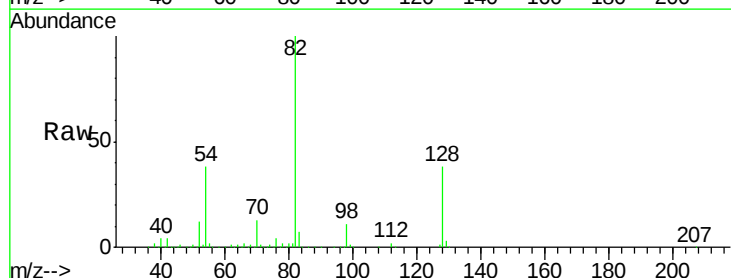


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

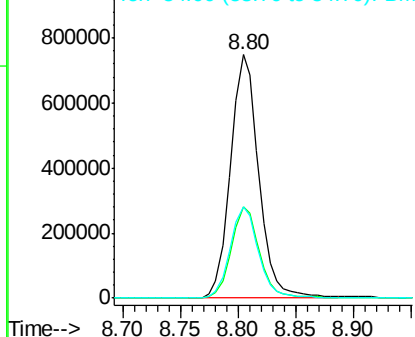
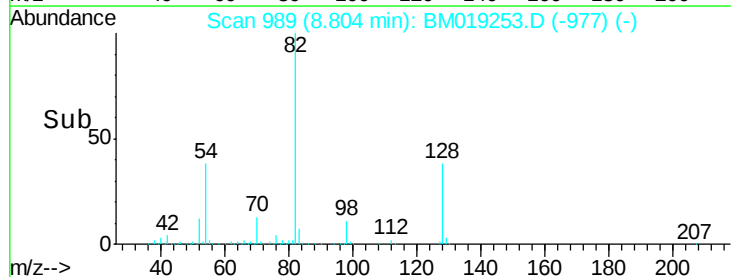


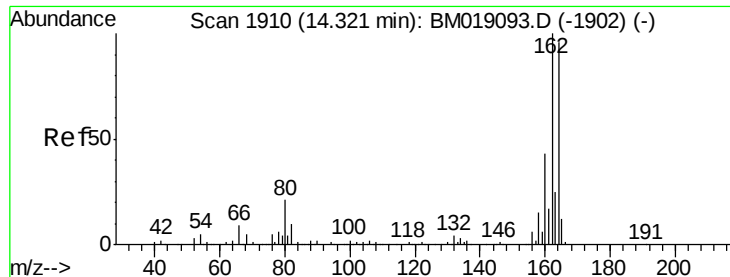
#23
Nitrobenzene-d5
Concen: 99.247 ng
RT: 8.80 min Scan# 989
Delta R.T. -0.03 min
Lab File: BM019253.D
Acq: 20 Mar 2019 04:41

Tgt Ion: 82 Resp: 1271696
Ion Ratio Lower Upper
82 100
128 37.6 29.4 44.2
54 37.6 29.9 44.9



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

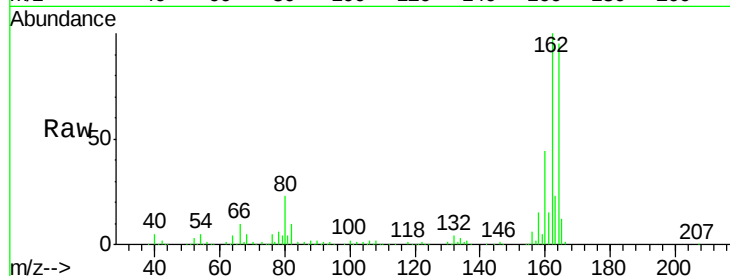




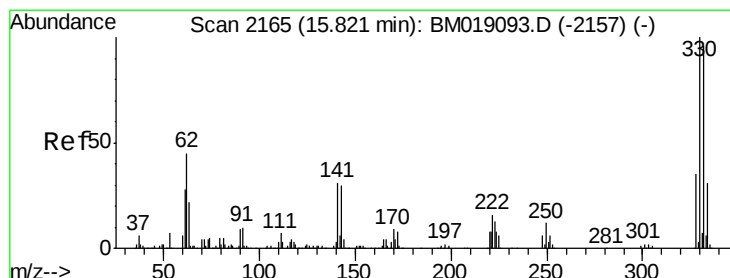
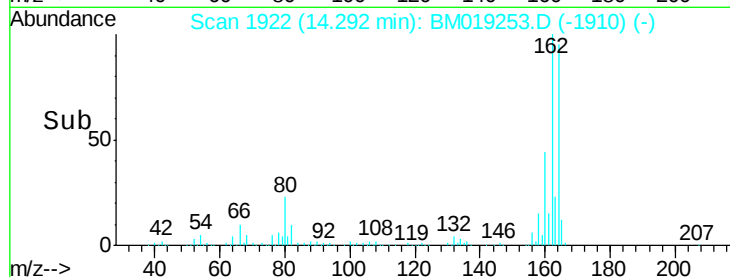
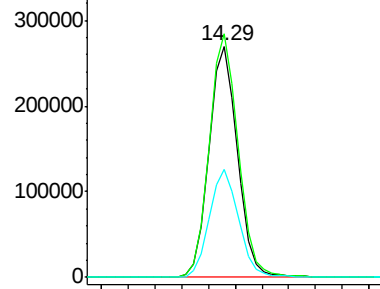
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.29 min Scan# 1922
Delta R.T. -0.03 min
Lab File: BM019253.D
Acq: 20 Mar 2019 04:41

Instrument :
BNA_M
ClientSampleId :
PST-025-B126-031319

Tgt Ion:164 Resp: 400178
Ion Ratio Lower Upper
164 100
162 105.4 83.5 125.3
160 46.9 36.3 54.5

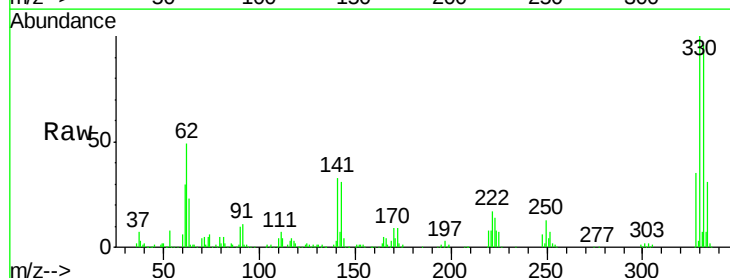


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

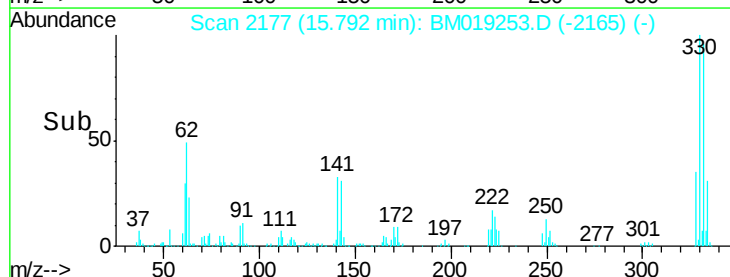
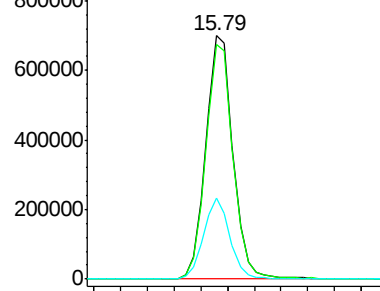


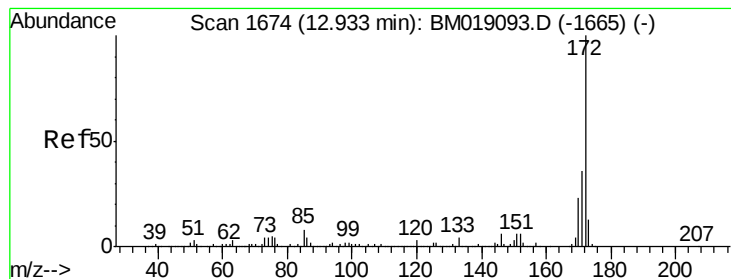
#42
2,4,6-Tribromophenol
Concen: 168.458 ng
RT: 15.79 min Scan# 2177
Delta R.T. -0.03 min
Lab File: BM019253.D
Acq: 20 Mar 2019 04:41

Tgt Ion:330 Resp: 995329
Ion Ratio Lower Upper
330 100
332 96.7 76.8 115.2
141 32.2 27.0 40.4



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: 91.642 ng

RT: 12.90 min Scan# 1686

Delta R.T. -0.03 min

Lab File: BM019253.D

Acq: 20 Mar 2019 04:41

Instrument :

BNA_M

ClientSampleId :

PST-025-B126-031319

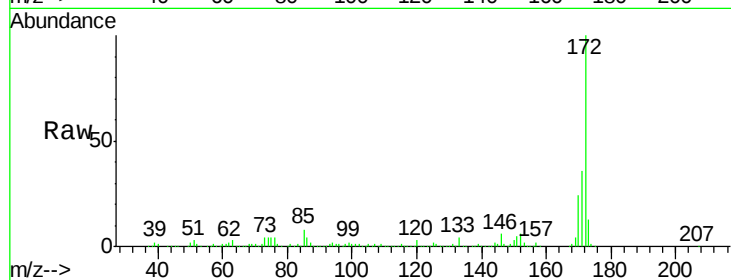
Tgt Ion:172 Resp: 2819356

Ion Ratio Lower Upper

172 100

171 35.9 28.6 42.8

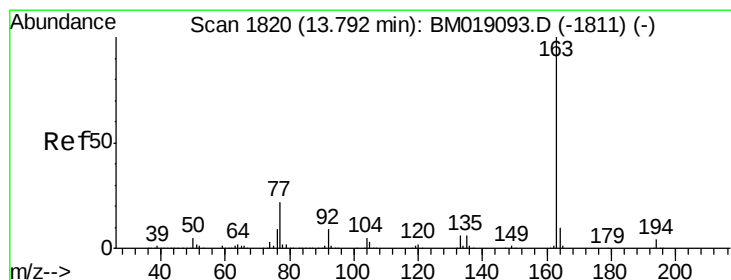
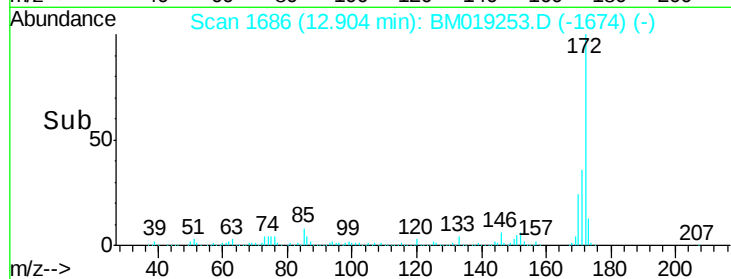
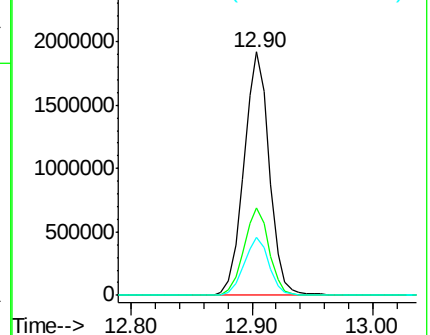
170 23.7 18.6 28.0



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50

Dimethylphthalate

Concen: 9.254 ng

RT: 13.76 min Scan# 1832

Delta R.T. -0.03 min

Lab File: BM019253.D

Acq: 20 Mar 2019 04:41

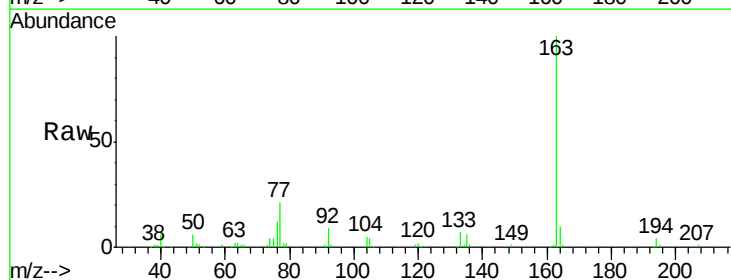
Tgt Ion:163 Resp: 316798

Ion Ratio Lower Upper

163 100

194 4.4 3.3 4.9

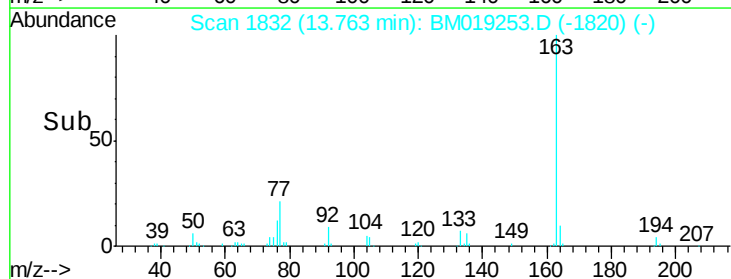
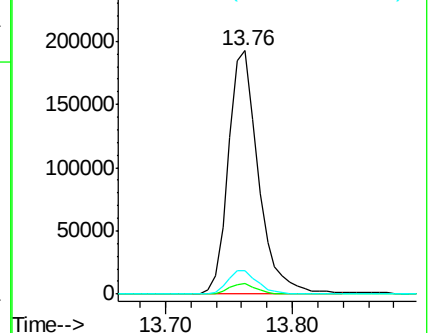
164 9.8 7.7 11.5

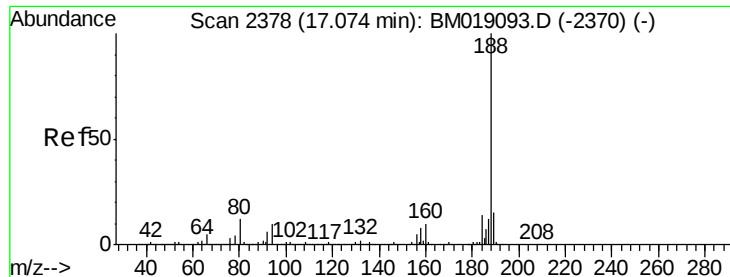


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

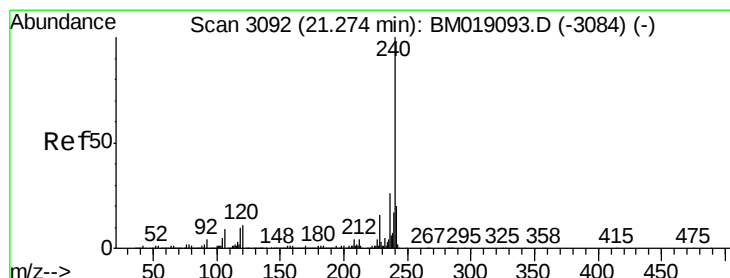
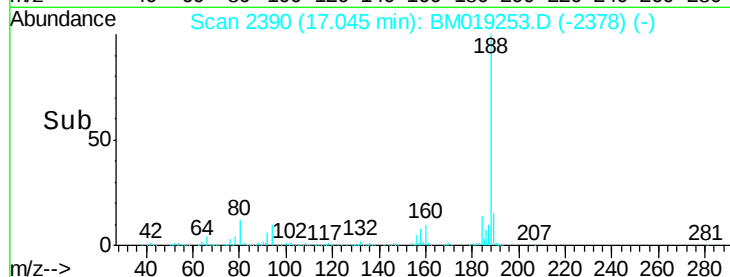
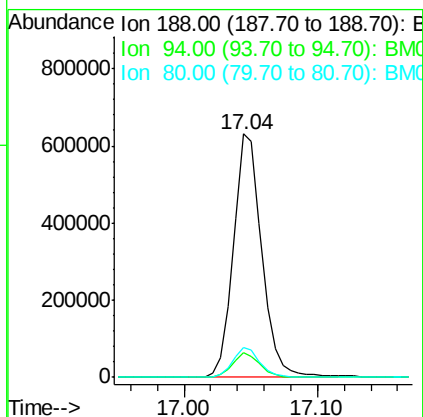
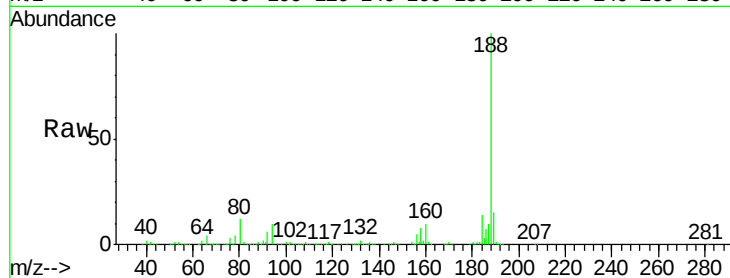




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.04 min Scan# 2390
Delta R.T. -0.03 min
Lab File: BM019253.D
Acq: 20 Mar 2019 04:41

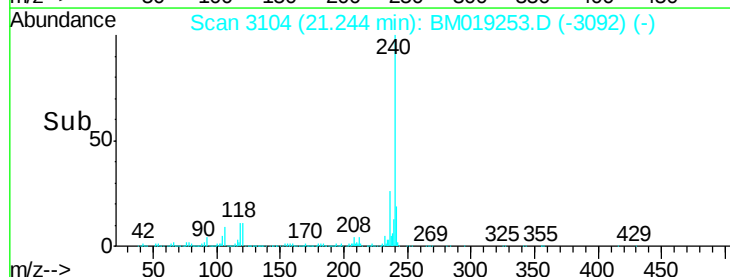
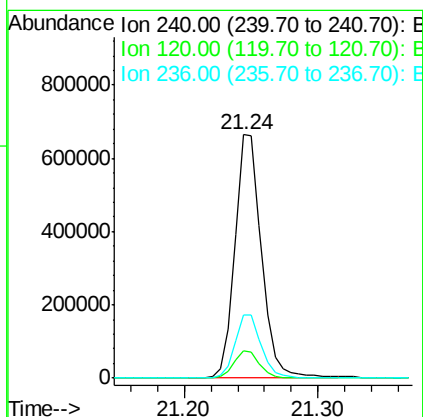
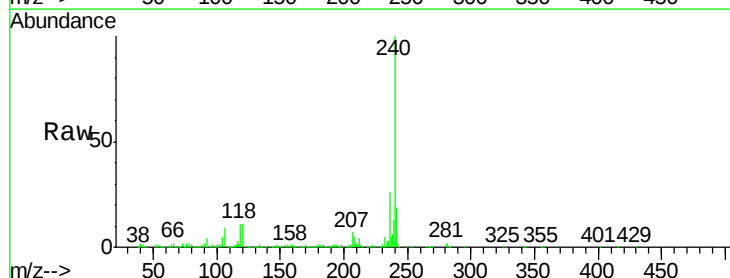
Instrument :
BNA_M
ClientSampleId :
PST-025-B126-031319

Tgt Ion:188 Resp: 934765
Ion Ratio Lower Upper
188 100
94 10.0 8.1 12.1
80 12.4 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.24 min Scan# 3104
Delta R.T. -0.03 min
Lab File: BM019253.D
Acq: 20 Mar 2019 04:41

Tgt Ion:240 Resp: 921227
Ion Ratio Lower Upper
240 100
120 11.5 8.9 13.3
236 25.8 21.0 31.4





#79

Terphenyl-d14

Concen: 102.894 ng

RT: 19.69 min Scan# 2839

Delta R.T. -0.02 min

Lab File: BM019253.D

Acq: 20 Mar 2019 04:41

Instrument :

BNA_M

ClientSampleId :

PST-025-B126-031319

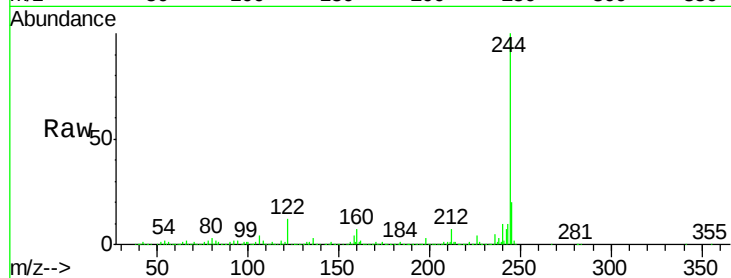
Tgt Ion:244 Resp: 4774747

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

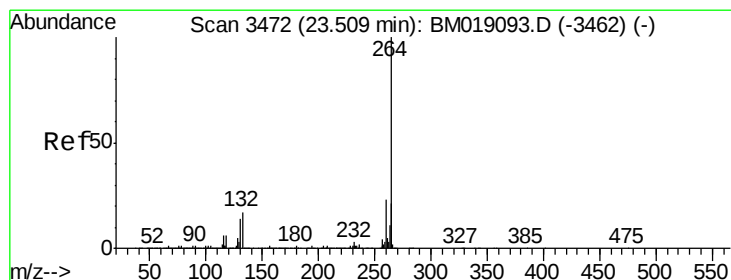
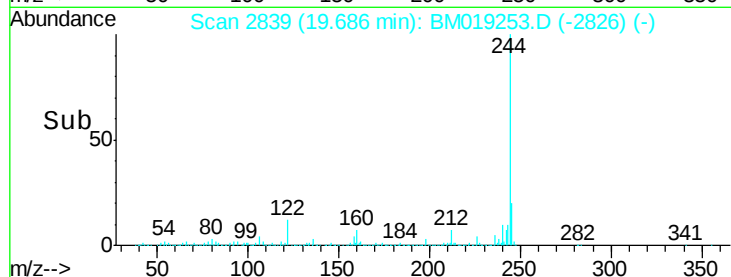
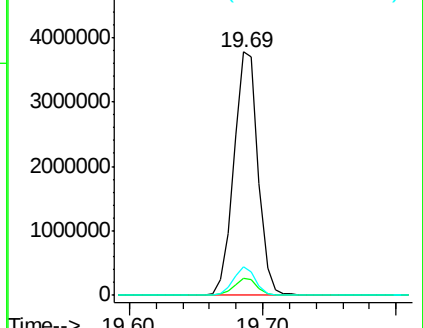
122 11.6 9.4 14.2



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: 23.47 min Scan# 3483

Delta R.T. -0.04 min

Lab File: BM019253.D

Acq: 20 Mar 2019 04:41

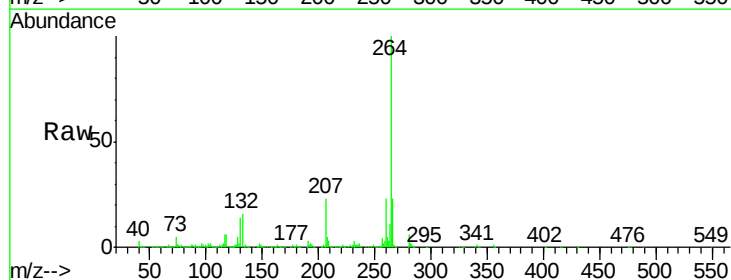
Tgt Ion:264 Resp: 815622

Ion Ratio Lower Upper

264 100

260 23.3 18.6 28.0

265 22.5 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

