

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM031919\
 Data File : BM019254.D
 Acq On : 20 Mar 2019 05:17
 Operator : JU/SJ
 Sample : K1948-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PST-026-B034-031319

Quant Time: Mar 20 05:58:55 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

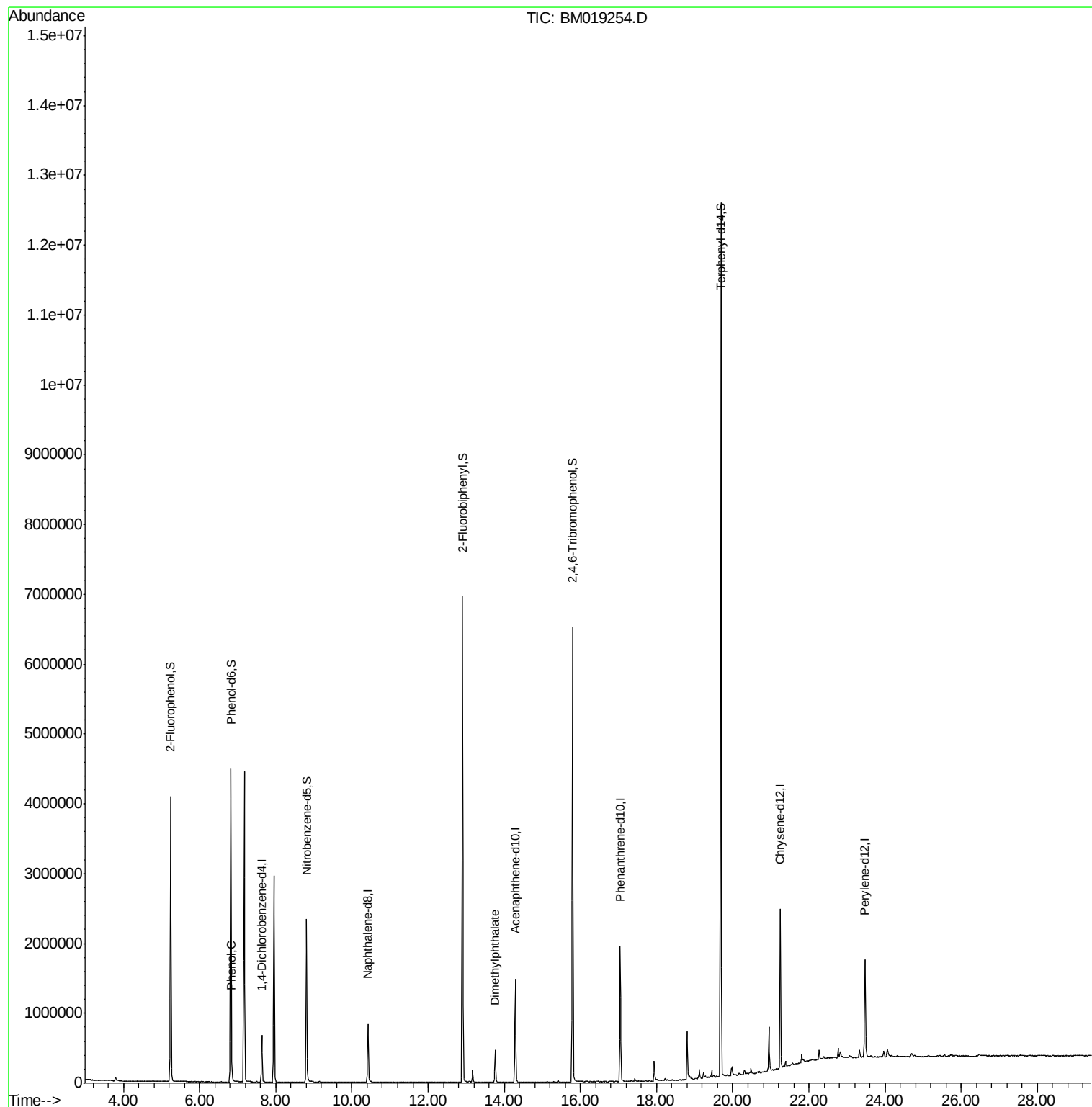
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	178557	20.00	ng	-0.03
21) Naphthalene-d8	10.42	136	730113	20.00	ng	-0.03
39) Acenaphthene-d10	14.29	164	474138	20.00	ng	-0.03
64) Phenanthrene-d10	17.04	188	1119176	20.00	ng	-0.03
76) Chrysene-d12	21.24	240	1092256	20.00	ng	-0.03
87) Perylene-d12	23.47	264	982658	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	1736524	157.50	ng	-0.02
7) Phenol-d6	6.82	99	2572586	159.52	ng	-0.02
23) Nitrobenzene-d5	8.80	82	1517168	98.23	ng	-0.03
42) 2,4,6-Tribromophenol	15.79	330	1214152	173.44	ng	-0.03
45) 2-Fluorobiphenyl	12.90	172	3410876	93.57	ng	-0.03
79) Terphenyl-d14	19.69	244	5803187	105.48	ng	-0.02
Target Compounds						
10) Phenol	6.85	94	37712	2.170	ng	85
50) Dimethylphthalate	13.76	163	327061	8.064	ng	99

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

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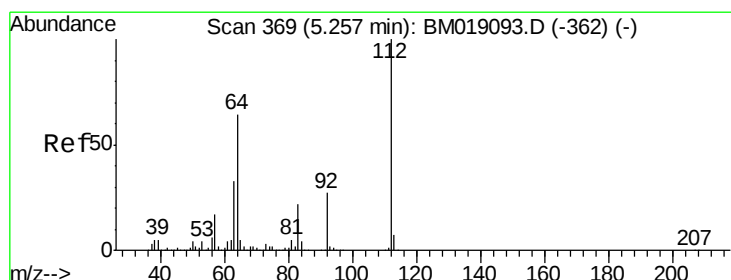
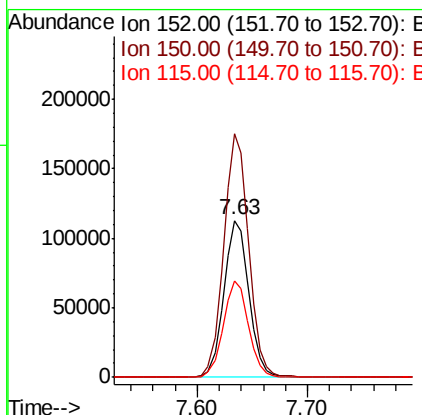
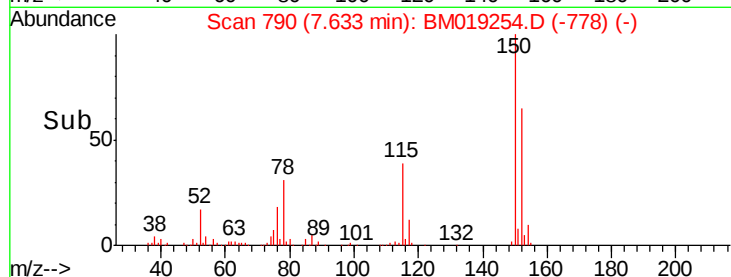
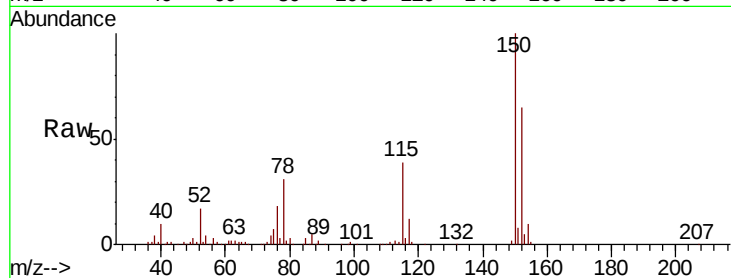


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 790
Delta R.T. -0.03 min
Lab File: BM019254.D
Acq: 20 Mar 2019 05:17

Instrument :
BNA_M
ClientSampleId :
PST-026-B034-031319

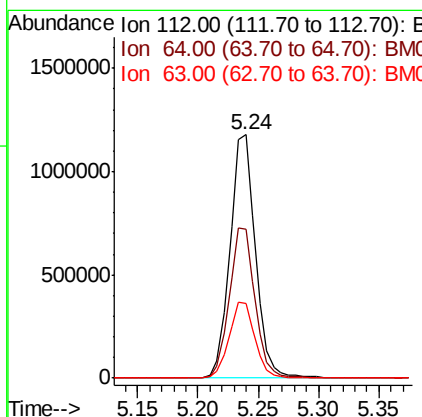
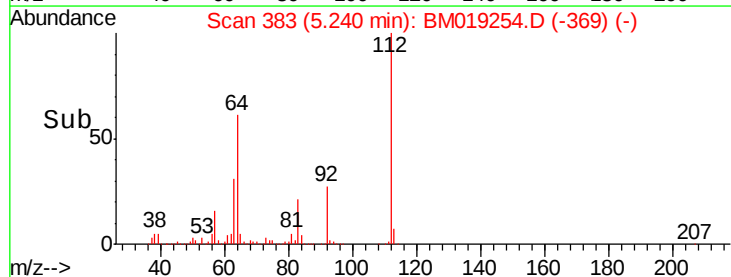
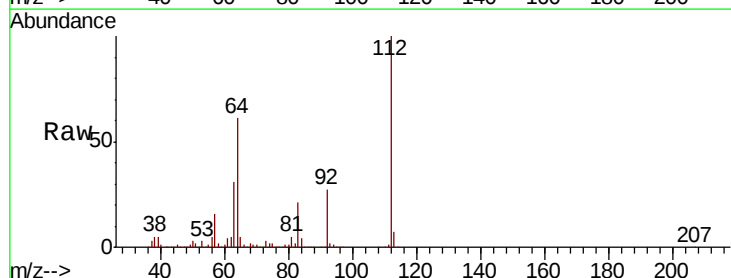
Tgt Ion:152 Resp: 178557
Ion Ratio Lower Upper
152 100
150 155.0 125.3 187.9
115 61.1 49.4 74.0

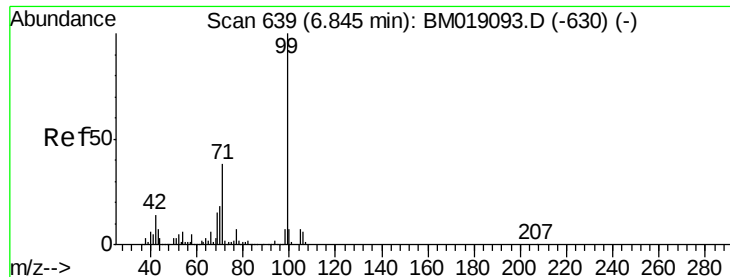


#5

2-Fluorophenol
Concen: 157.499 ng
RT: 5.24 min Scan# 383
Delta R.T. -0.02 min
Lab File: BM019254.D
Acq: 20 Mar 2019 05:17

Tgt Ion:112 Resp: 1736524
Ion Ratio Lower Upper
112 100
64 60.9 51.4 77.0
63 30.9 26.6 40.0





#7

Phenol-d6

Concen: 159.518 ng

RT: 6.82 min Scan# 652

Delta R.T. -0.02 min

Lab File: BM019254.D

Acq: 20 Mar 2019 05:17

Instrument :

BNA_M

ClientSampleId :

PST-026-B034-031319

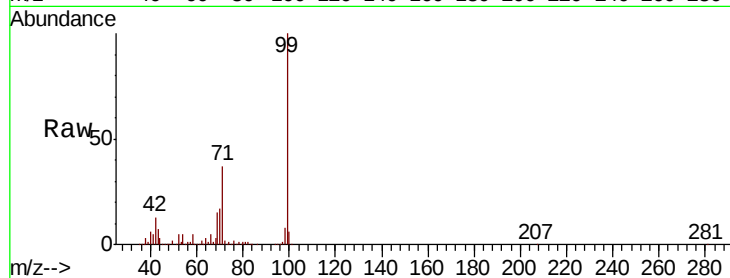
Tgt Ion: 99 Resp: 2572586

Ion Ratio Lower Upper

99 100

42 13.5 10.9 16.3

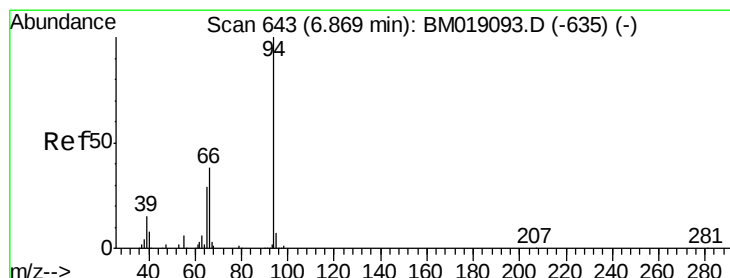
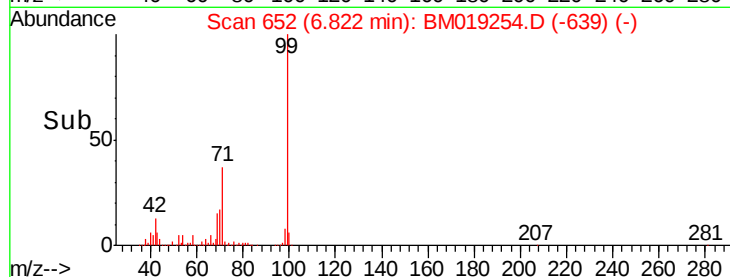
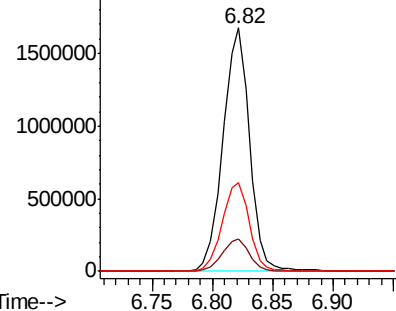
71 36.6 30.3 45.5



Abundance Ion 99.00 (98.70 to 99.70): BM019093.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM019093.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM019093.D (-630) (-)



#10

Phenol

Concen: 2.170 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.02 min

Lab File: BM019254.D

Acq: 20 Mar 2019 05:17

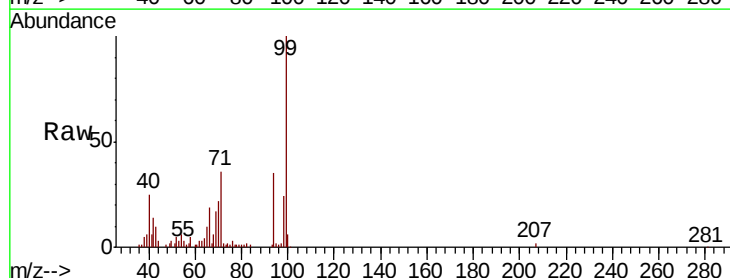
Tgt Ion: 94 Resp: 37712

Ion Ratio Lower Upper

94 100

65 29.6 9.7 49.7

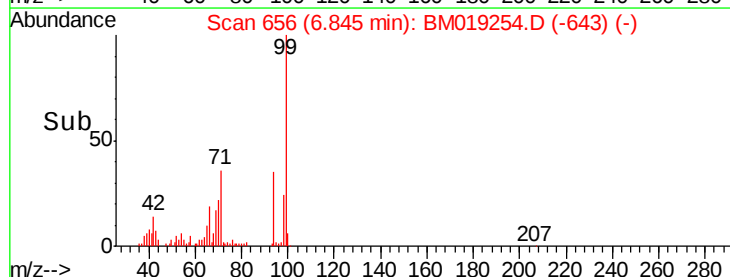
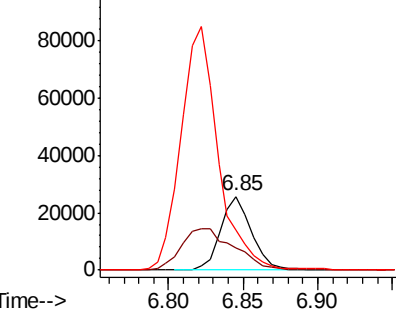
66 54.8 19.2 59.2



Abundance Ion 94.00 (93.70 to 94.70): BM019093.D (-635) (-)

Ion 65.00 (64.70 to 65.70): BM019093.D (-635) (-)

Ion 66.00 (65.70 to 66.70): BM019093.D (-635) (-)

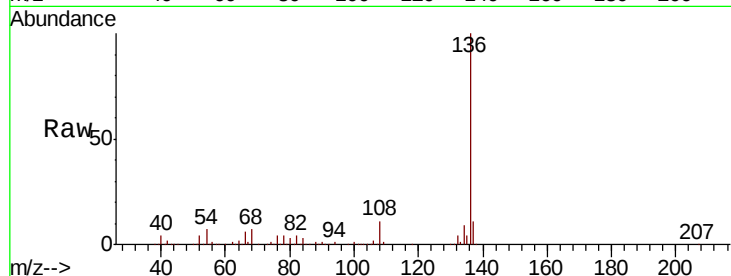




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.42 min Scan# 1264
Delta R.T. -0.03 min
Lab File: BM019254.D
Acq: 20 Mar 2019 05:17

Instrument :
BNA_M
ClientSampleId :
PST-026-B034-031319

Tgt Ion:	136	Resp:	730113
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	6.7	5.2	7.8
68	6.8	5.8	8.8



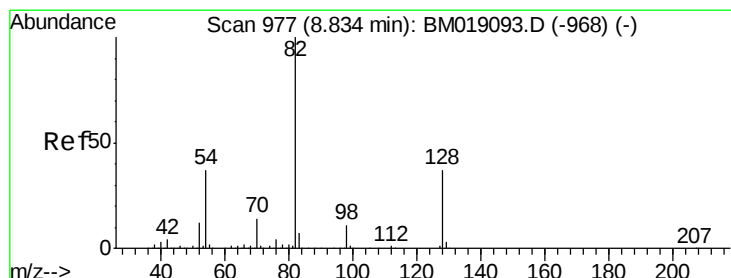
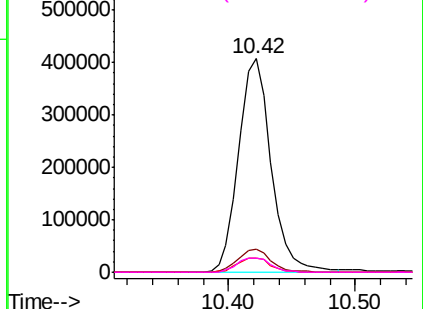
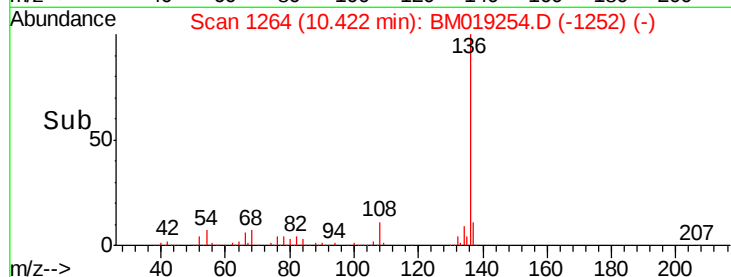
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

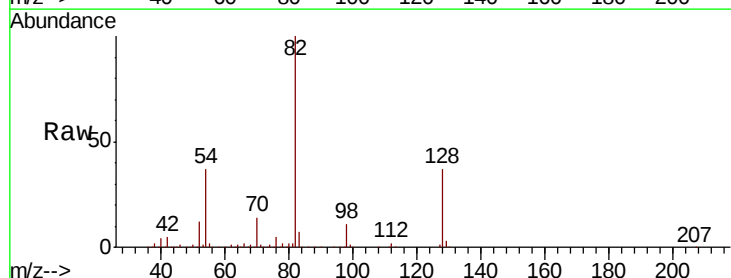
Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#23
Nitrobenzene-d5
Concen: 98.227 ng
RT: 8.80 min Scan# 989
Delta R.T. -0.03 min
Lab File: BM019254.D
Acq: 20 Mar 2019 05:17

Tgt Ion:	82	Resp:	1517168
Ion	Ratio	Lower	Upper
82	100		
128	37.2	29.4	44.2
54	37.2	29.9	44.9

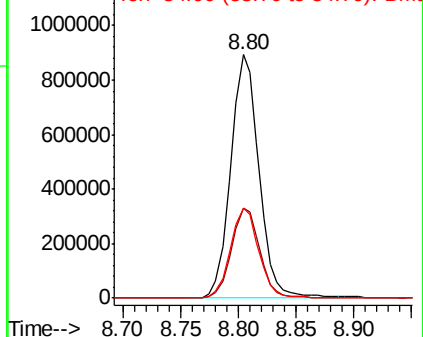
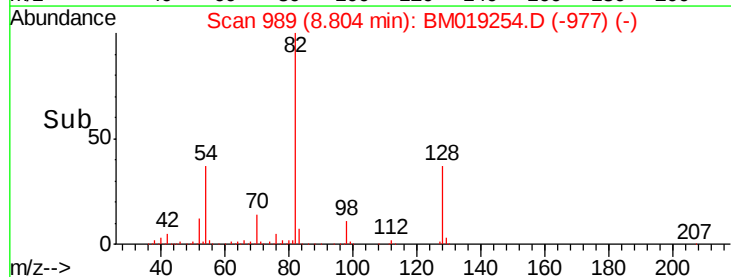


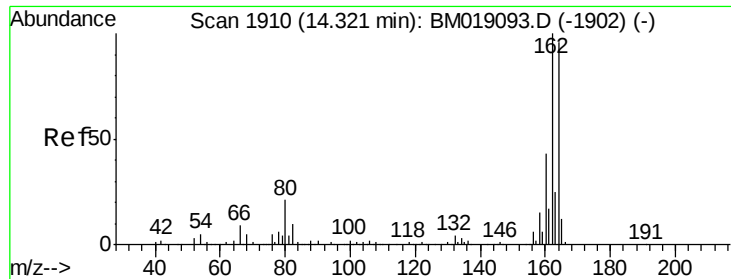
Abundance

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: BM019254.D

Acq: 20 Mar 2019 05:17

Instrument :

BNA_M

ClientSampleId :

PST-026-B034-031319

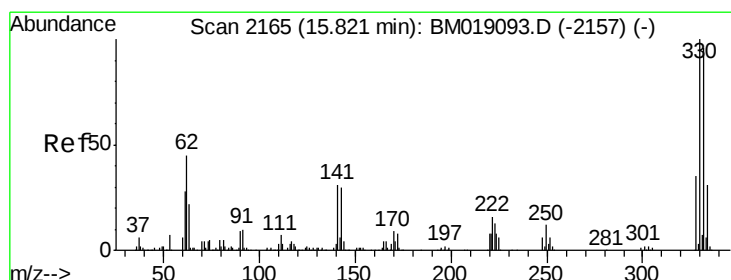
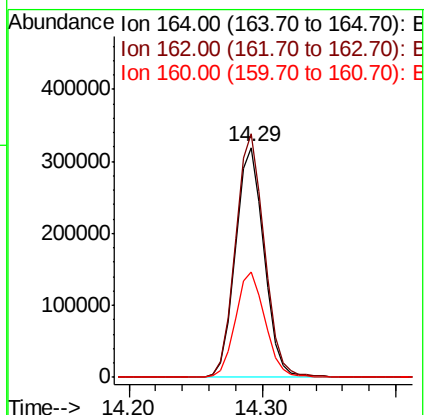
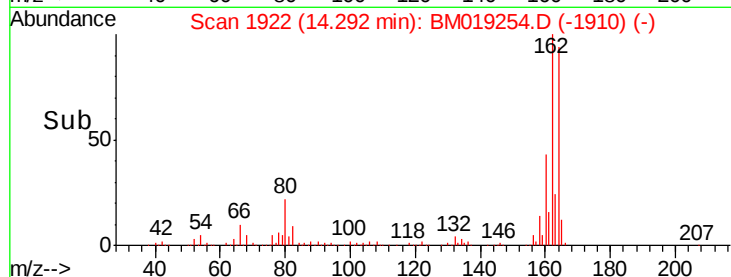
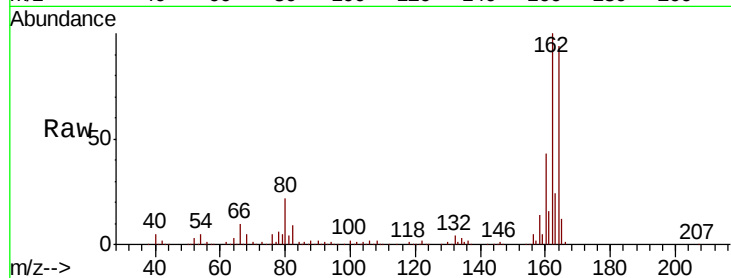
Tgt Ion:164 Resp: 474138

Ion Ratio Lower Upper

164 100

162 106.0 83.5 125.3

160 46.0 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 173.438 ng

RT: 15.79 min Scan# 2177

Delta R.T. -0.03 min

Lab File: BM019254.D

Acq: 20 Mar 2019 05:17

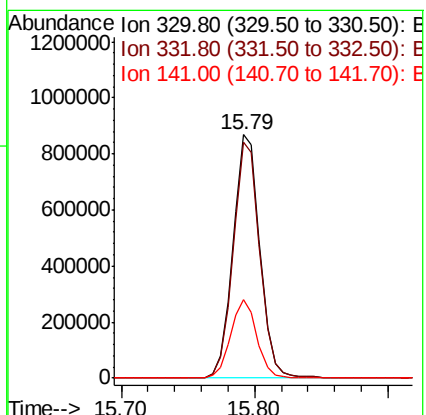
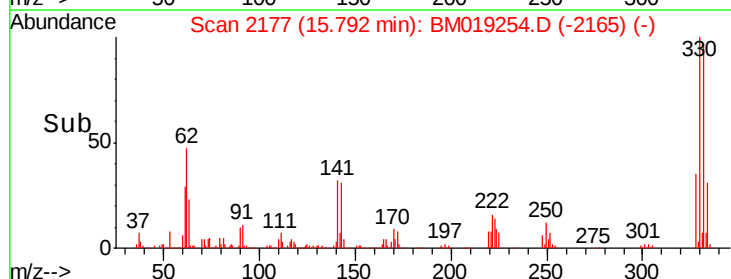
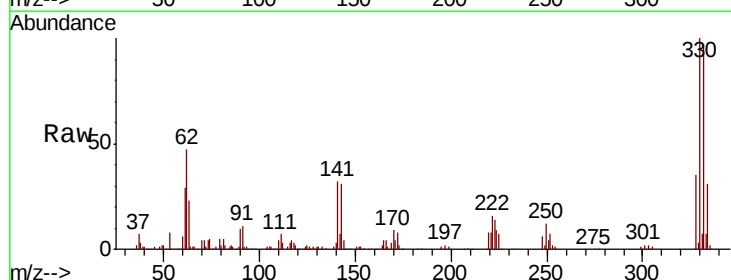
Tgt Ion:330 Resp: 1214152

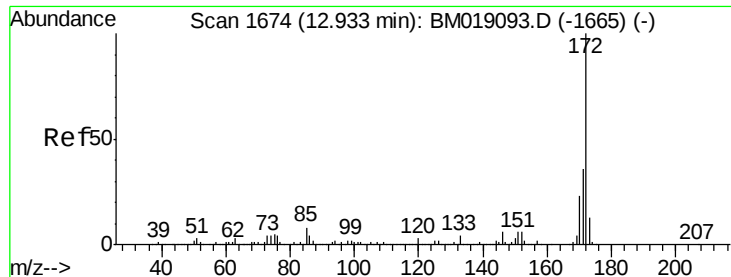
Ion Ratio Lower Upper

330 100

332 96.4 76.8 115.2

141 31.7 27.0 40.4

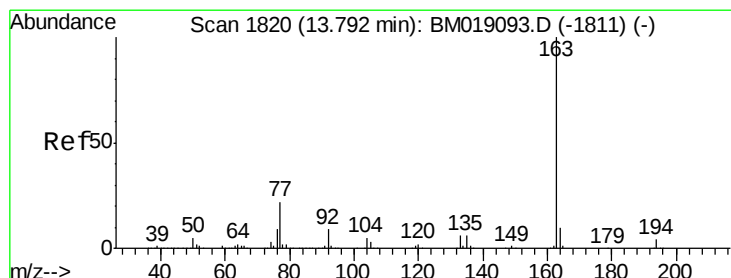
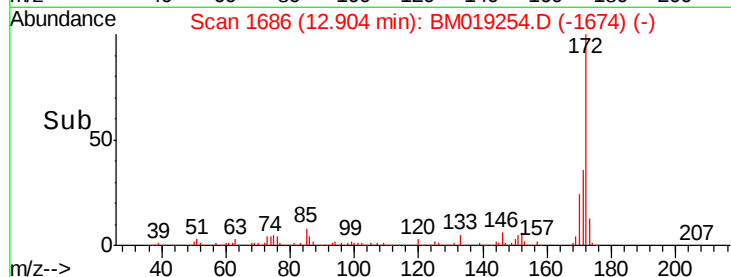
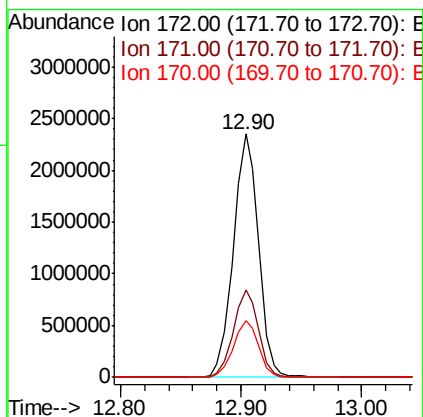
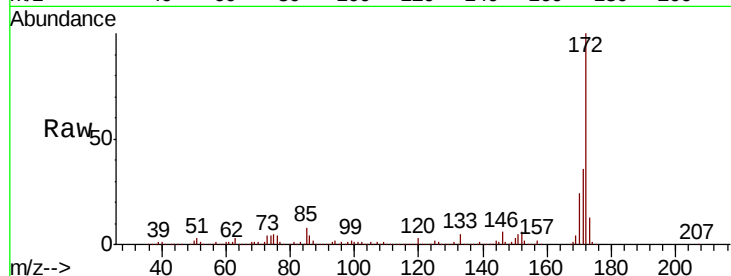




#45
 2-Fluorobiphenyl
 Concen: 93.575 ng
 RT: 12.90 min Scan# 1686
 Delta R.T. -0.03 min
 Lab File: BM019254.D
 Acq: 20 Mar 2019 05:17

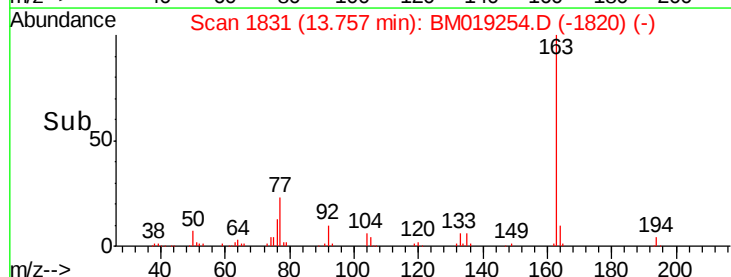
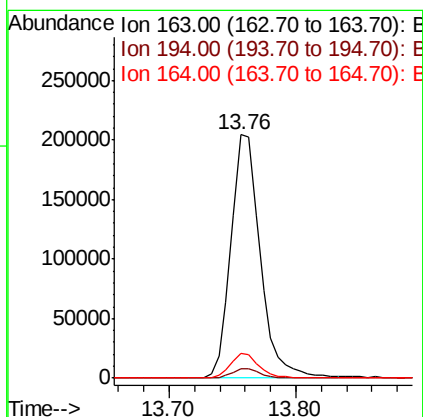
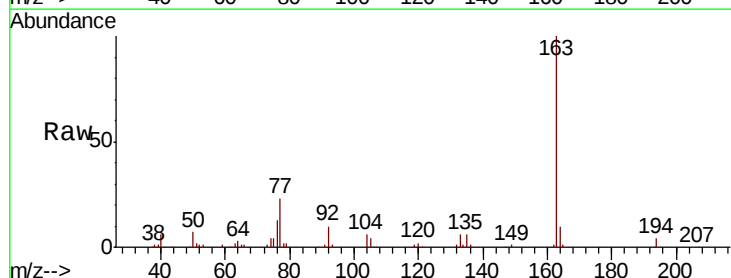
Instrument :
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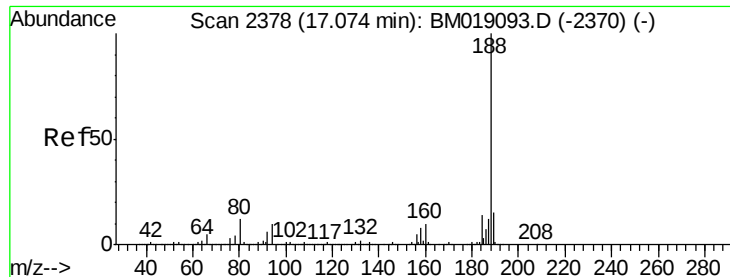
Tgt Ion:172 Resp: 3410876
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.6 42.8
 170 23.5 18.6 28.0



#50
 Dimethylphthalate
 Concen: 8.064 ng
 RT: 13.76 min Scan# 1831
 Delta R.T. -0.04 min
 Lab File: BM019254.D
 Acq: 20 Mar 2019 05:17

Tgt Ion:163 Resp: 327061
 Ion Ratio Lower Upper
 163 100
 194 3.8 3.3 4.9
 164 10.1 7.7 11.5

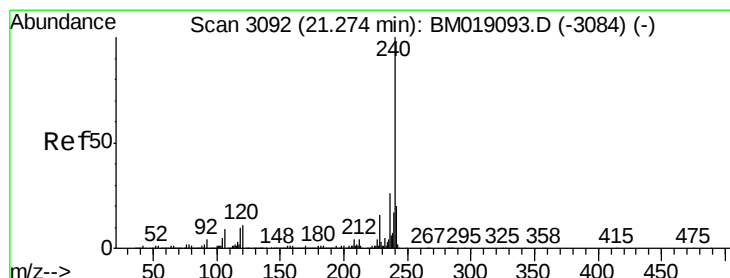
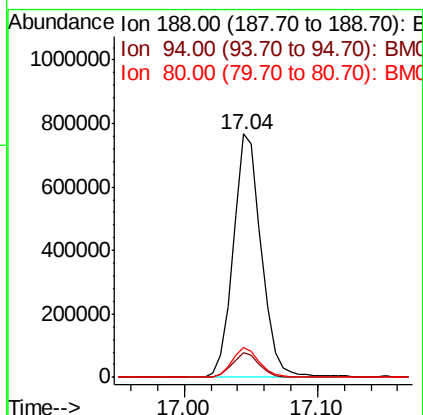
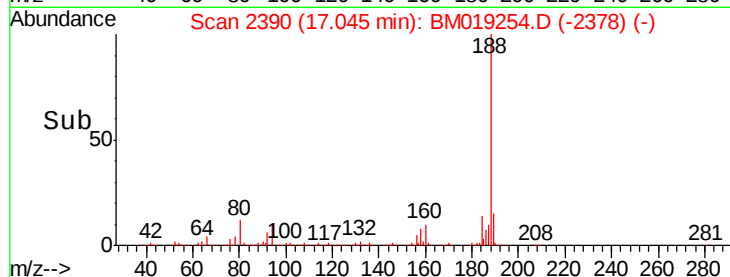
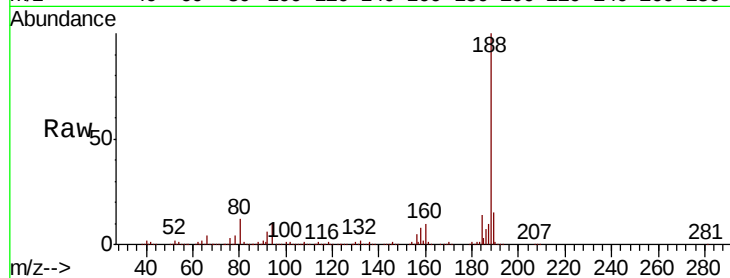




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.04 min Scan# 2390
Delta R.T. -0.03 min
Lab File: BM019254.D
Acq: 20 Mar 2019 05:17

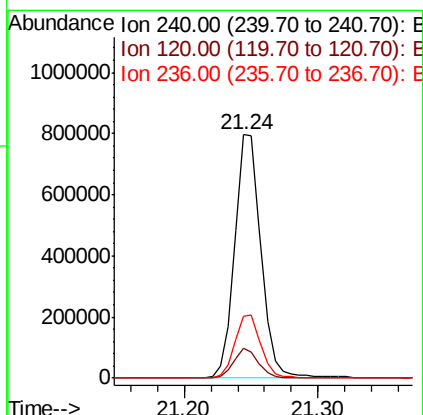
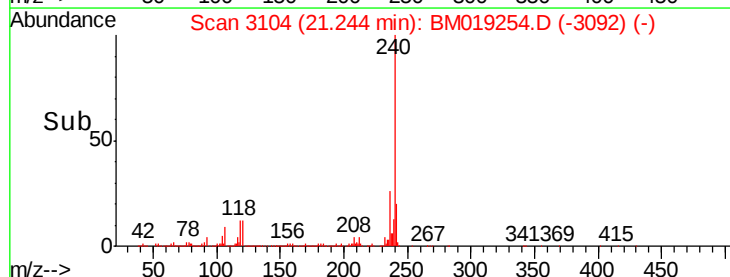
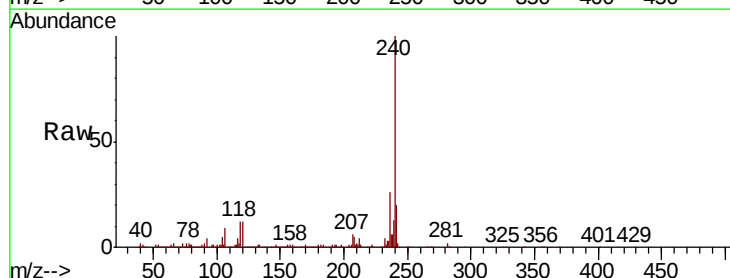
Instrument :
BNA_M
ClientSampleId :
PST-026-B034-031319

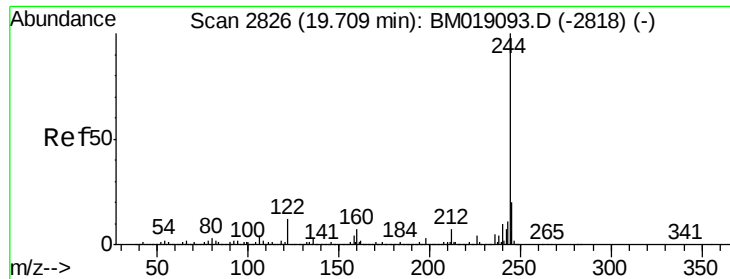
Tgt Ion:188 Resp: 1119176
Ion Ratio Lower Upper
188 100
94 10.4 8.1 12.1
80 12.4 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.24 min Scan# 3104
Delta R.T. -0.03 min
Lab File: BM019254.D
Acq: 20 Mar 2019 05:17

Tgt Ion:240 Resp: 1092256
Ion Ratio Lower Upper
240 100
120 12.2 8.9 13.3
236 25.6 21.0 31.4





#79

Terphenyl-d14

Concen: 105.475 ng

RT: 19.69 min Scan# 2840

Delta R.T. -0.02 min

Lab File: BM019254.D

Acq: 20 Mar 2019 05:17

Instrument :

BNA_M

ClientSampleId :

PST-026-B034-031319

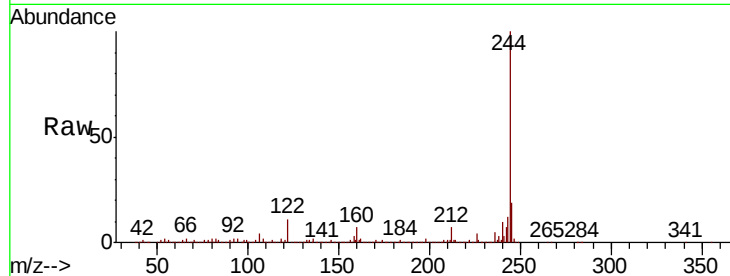
Tgt Ion:244 Resp: 5803187

Ion Ratio Lower Upper

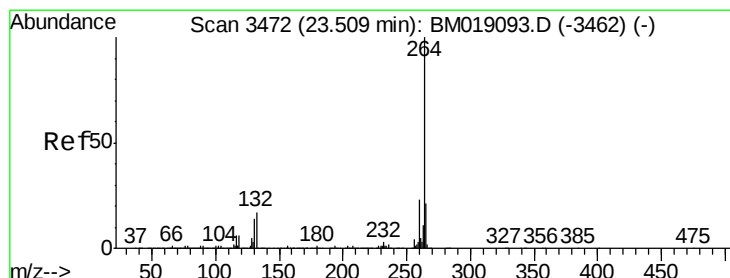
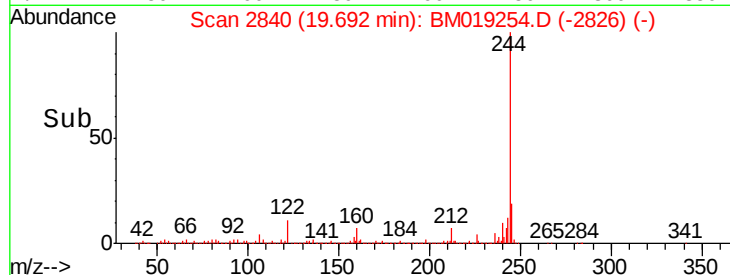
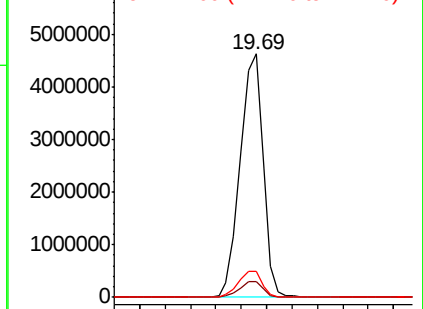
244 100

212 6.7 5.4 8.2

122 10.6 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: BM019254.D

Acq: 20 Mar 2019 05:17

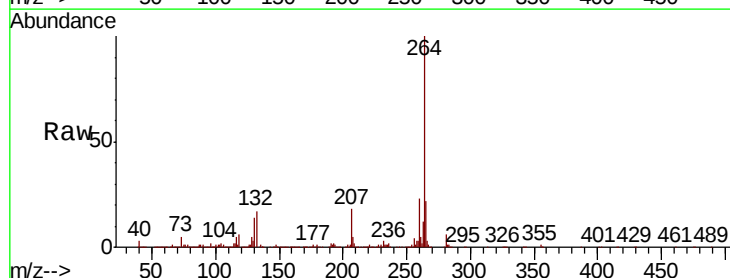
Tgt Ion:264 Resp: 982658

Ion Ratio Lower Upper

264 100

260 22.8 18.6 28.0

265 21.8 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

