

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM031919\
 Data File : BM019252.D
 Acq On : 20 Mar 2019 04:04
 Operator : JU/SJ
 Sample : K1908-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 101-102

Quant Time: Mar 20 05:13:32 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	168787	20.00	ng	-0.03
21) Naphthalene-d8	10.42	136	659370	20.00	ng	-0.03
39) Acenaphthene-d10	14.29	164	423050	20.00	ng	-0.03
64) Phenanthrene-d10	17.05	188	1028488	20.00	ng	-0.02
76) Chrysene-d12	21.25	240	1012390	20.00	ng	-0.02
87) Perylene-d12	23.47	264	917471	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	1336294	128.21	ng	-0.02
7) Phenol-d6	6.82	99	1640529	107.61	ng	-0.03
23) Nitrobenzene-d5	8.80	82	1363055	97.72	ng	-0.03
42) 2,4,6-Tribromophenol	15.80	330	1048847	167.92	ng	-0.02
45) 2-Fluorobiphenyl	12.90	172	3017716	92.79	ng	-0.03
79) Terphenyl-d14	19.69	244	5851255	114.74	ng	-0.02

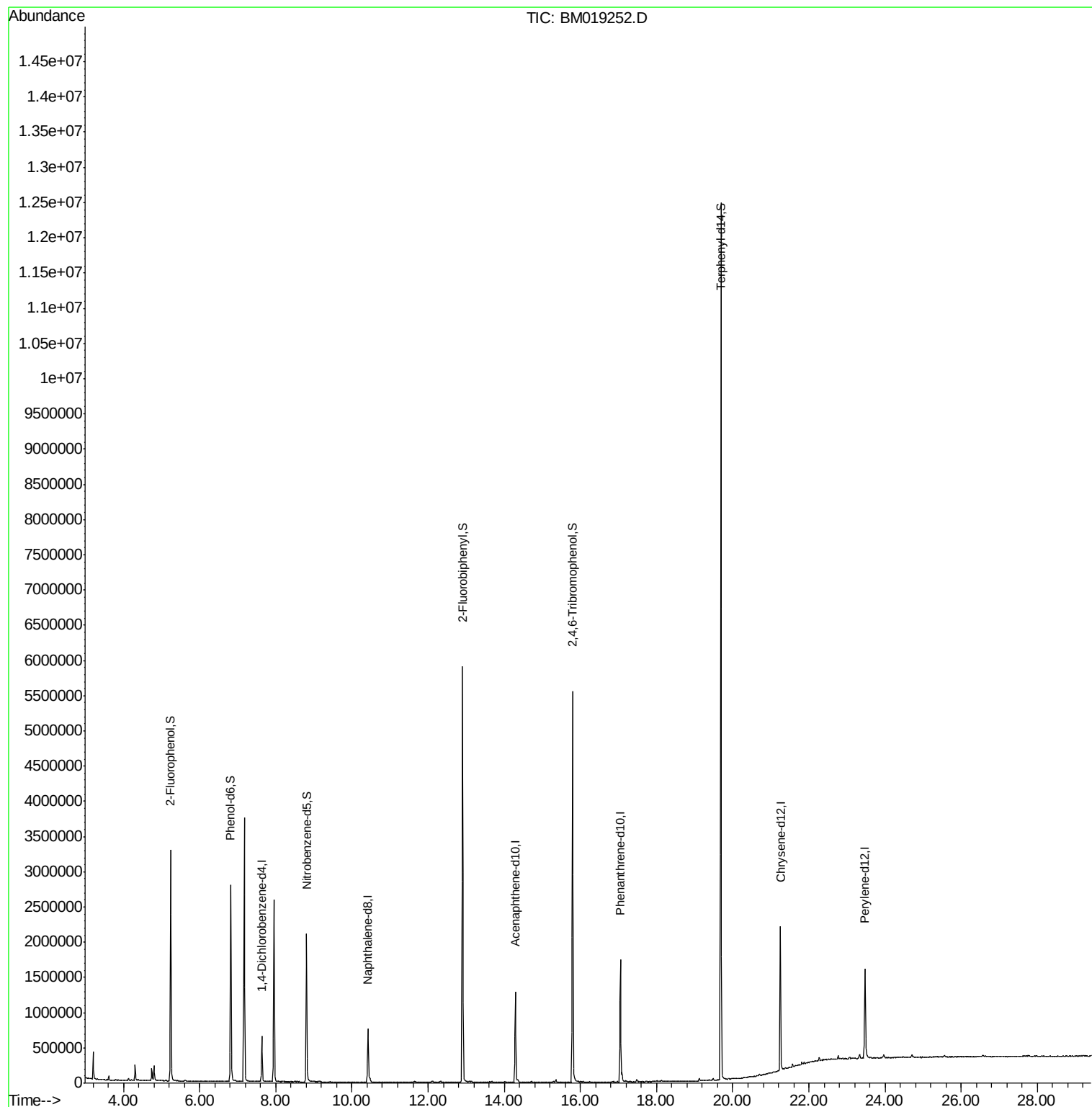
Target Compounds	Qvalue
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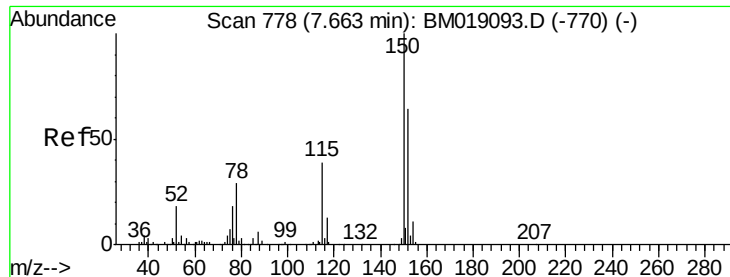
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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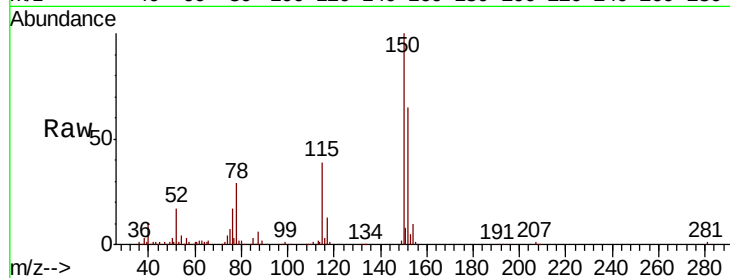


#1

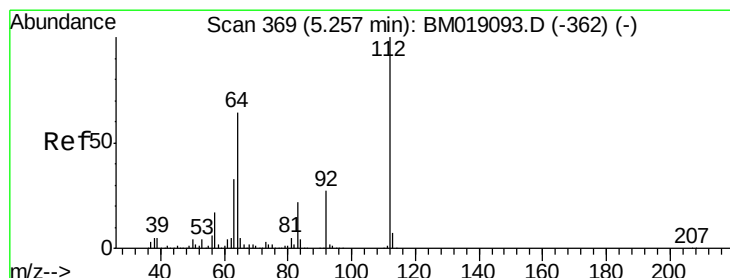
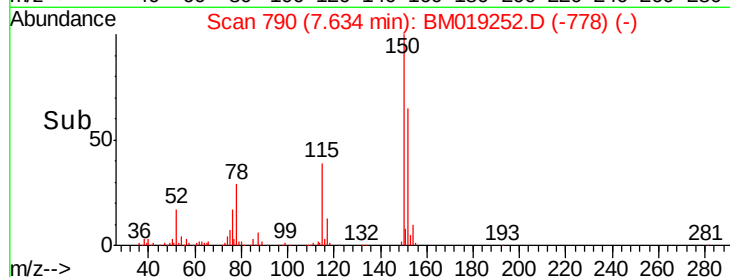
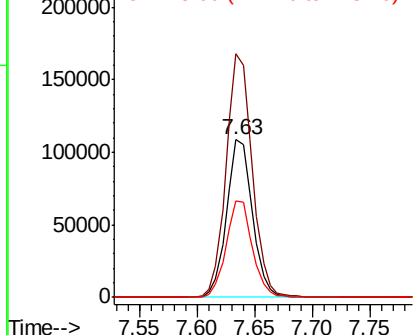
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 790
Delta R.T. -0.03 min
Lab File: BM019252.D
Acq: 20 Mar 2019 04:04

Instrument :
BNA_M
ClientSampleId :
101-102

Tgt Ion:152 Resp: 168787
Ion Ratio Lower Upper
152 100
150 154.4 125.3 187.9
115 61.0 49.4 74.0



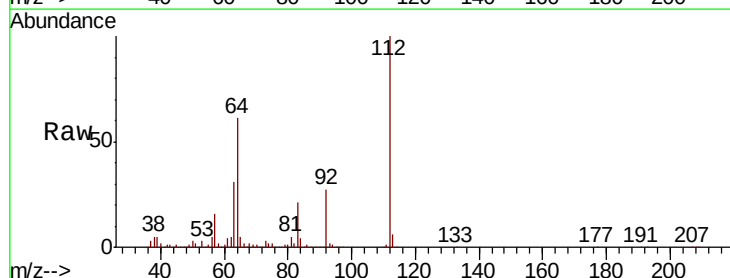
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



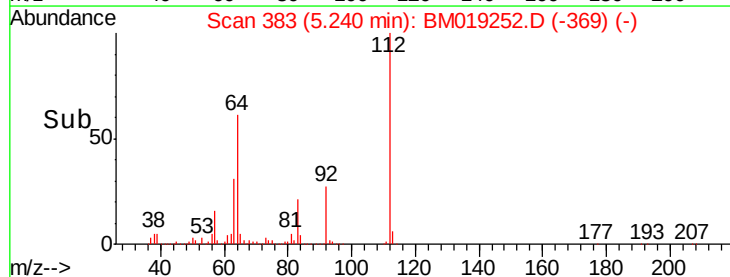
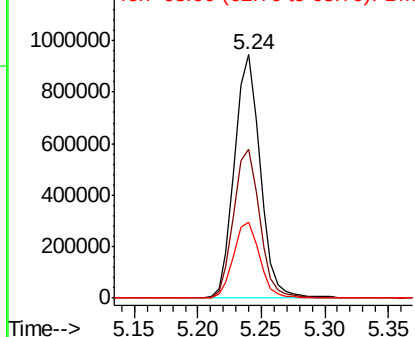
#5

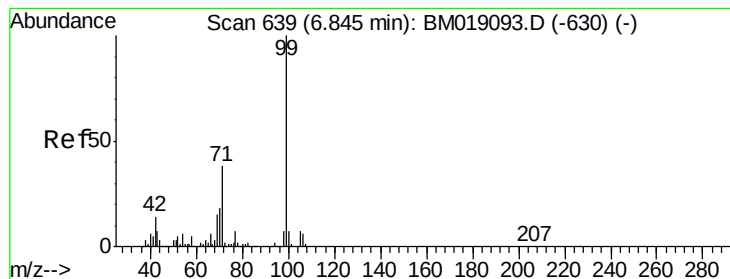
2-Fluorophenol
Concen: 128.215 ng
RT: 5.24 min Scan# 383
Delta R.T. -0.02 min
Lab File: BM019252.D
Acq: 20 Mar 2019 04:04

Tgt Ion:112 Resp: 1336294
Ion Ratio Lower Upper
112 100
64 61.4 51.4 77.0
63 31.3 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: 107.612 ng

RT: 6.82 min Scan# 651

Delta R.T. -0.03 min

Lab File: BM019252.D

Acq: 20 Mar 2019 04:04

Instrument :

BNA_M

ClientSampled :

101-102

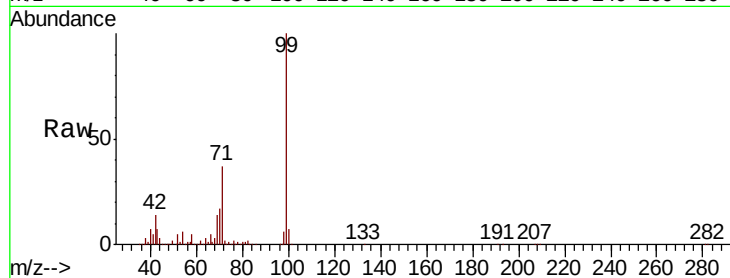
Tgt Ion: 99 Resp: 1640529

Ion Ratio Lower Upper

99 100

42 14.0 10.9 16.3

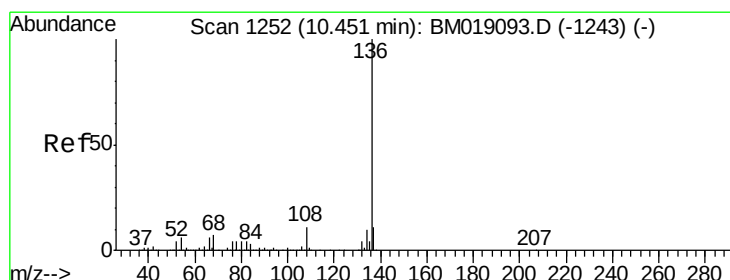
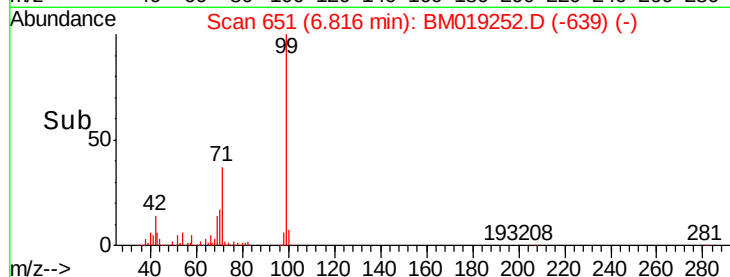
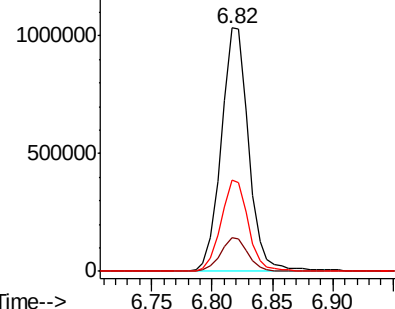
71 37.3 30.3 45.5



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) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.42 min Scan# 1264

Delta R.T. -0.03 min

Lab File: BM019252.D

Acq: 20 Mar 2019 04:04

Tgt Ion: 136 Resp: 659370

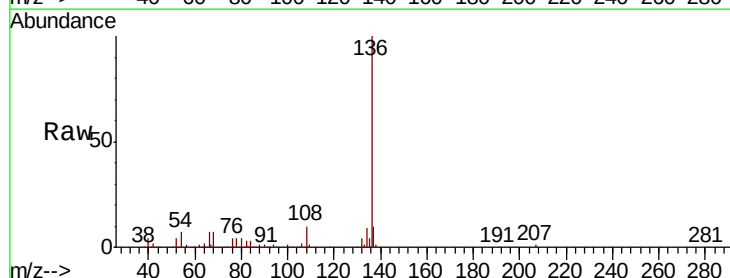
Ion Ratio Lower Upper

136 100

137 10.5 8.6 13.0

54 6.6 5.2 7.8

68 7.1 5.8 8.8

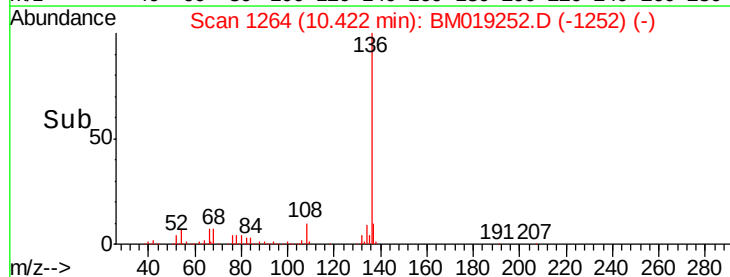
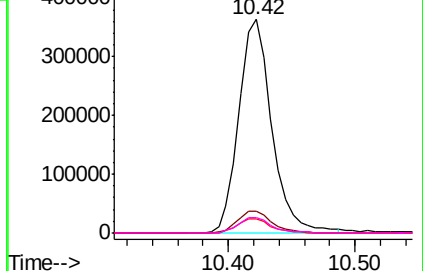


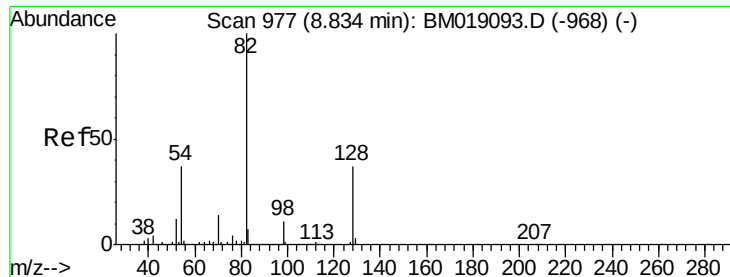
Abundance Ion 136.00 (135.70 to 136.70): BM019093.D (-1243) (-)

Ion 137.00 (136.70 to 137.70): BM019093.D (-1243) (-)

Ion 54.00 (53.70 to 54.70): BM019093.D (-1243) (-)

Ion 68.00 (67.70 to 68.70): BM019093.D (-1243) (-)

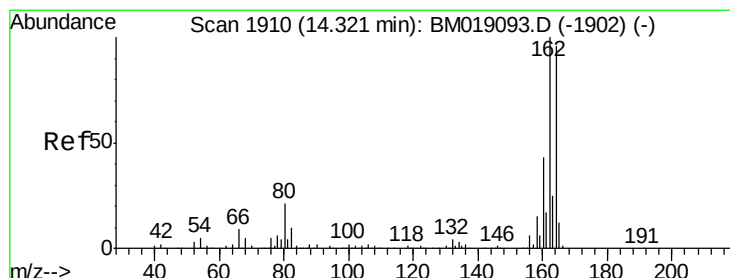
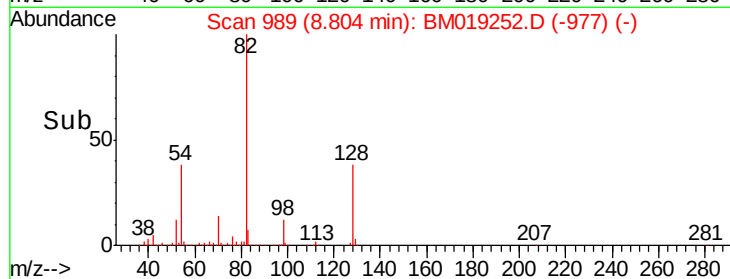
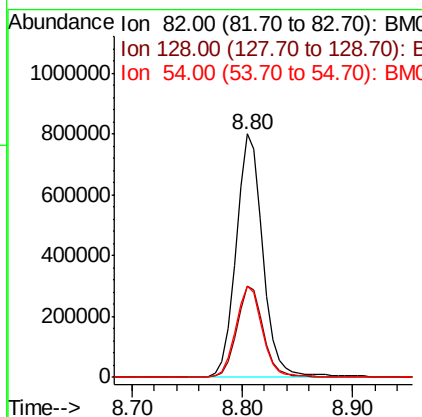
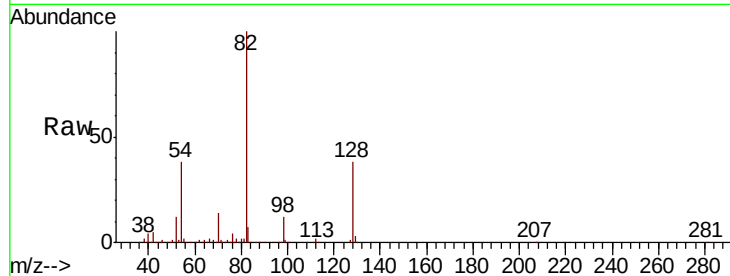




#23
 Nitrobenzene-d5
 Concen: 97.717 ng
 RT: 8.80 min Scan# 989
 Delta R.T. -0.03 min
 Lab File: BM019252.D
 Acq: 20 Mar 2019 04:04

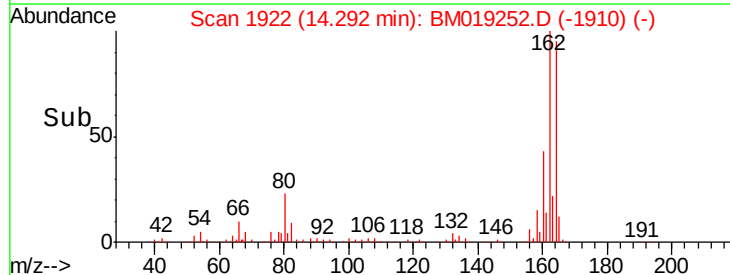
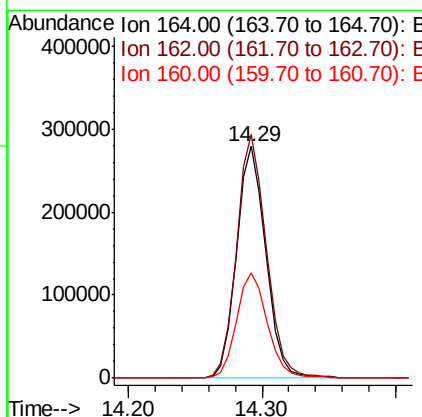
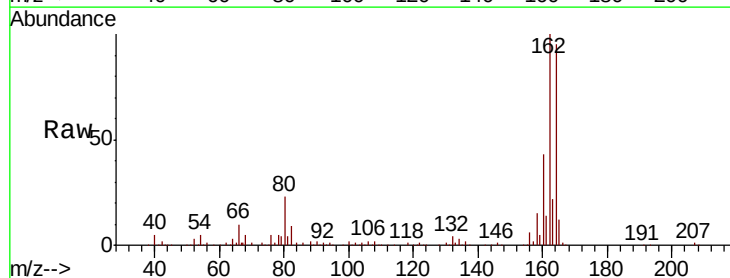
Instrument :
 BNA_M
 ClientSampled :
 101-102

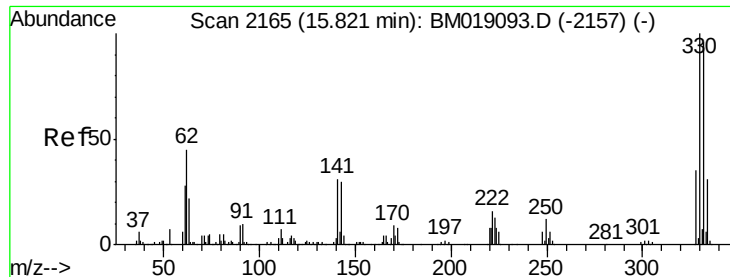
Tgt Ion: 82 Resp: 1363055
 Ion Ratio Lower Upper
 82 100
 128 37.7 29.4 44.2
 54 37.7 29.9 44.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.29 min Scan# 1922
 Delta R.T. -0.03 min
 Lab File: BM019252.D
 Acq: 20 Mar 2019 04:04

Tgt Ion: 164 Resp: 423050
 Ion Ratio Lower Upper
 164 100
 162 104.9 83.5 125.3
 160 45.3 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 167.918 ng

RT: 15.80 min Scan# 2178

Delta R.T. -0.02 min

Lab File: BM019252.D

Acq: 20 Mar 2019 04:04

Instrument :

BNA_M

ClientSampleId :

101-102

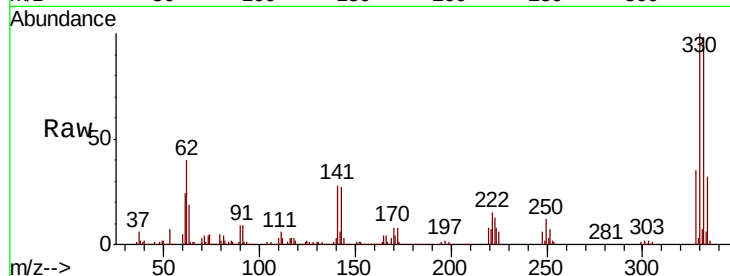
Tgt Ion:330 Resp: 1048847

Ion Ratio Lower Upper

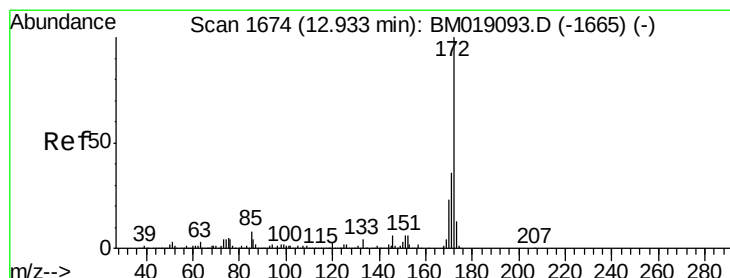
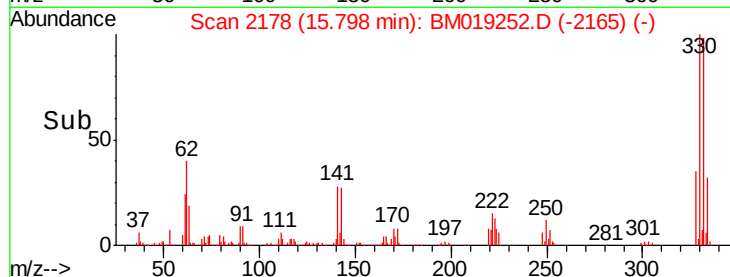
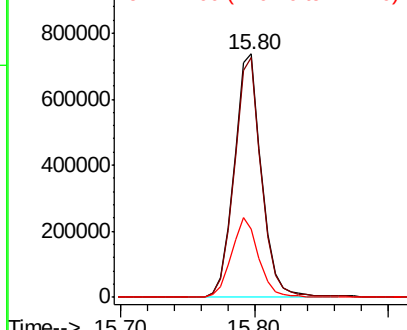
330 100

332 97.2 76.8 115.2

141 32.5 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: 92.786 ng

RT: 12.90 min Scan# 1686

Delta R.T. -0.03 min

Lab File: BM019252.D

Acq: 20 Mar 2019 04:04

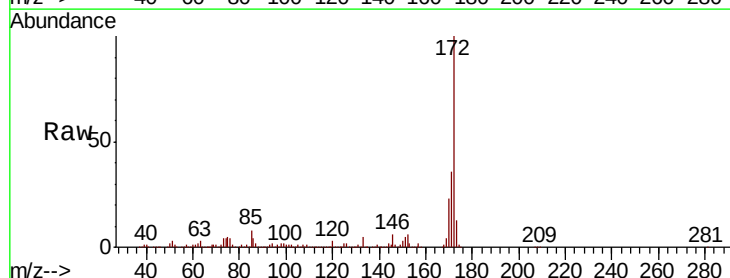
Tgt Ion:172 Resp: 3017716

Ion Ratio Lower Upper

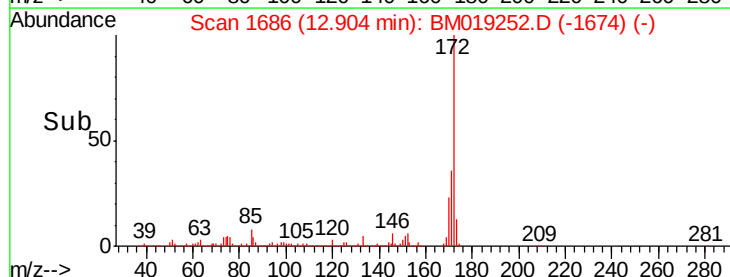
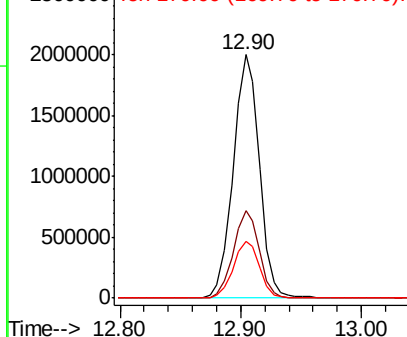
172 100

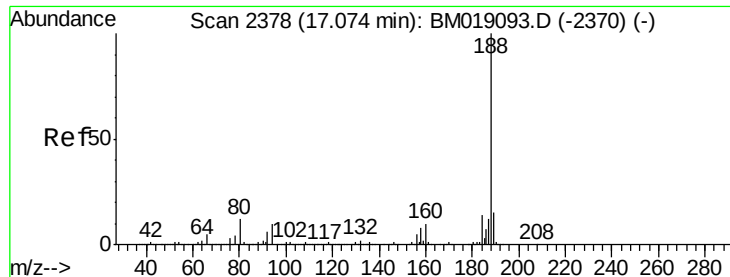
171 35.7 28.6 42.8

170 23.4 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

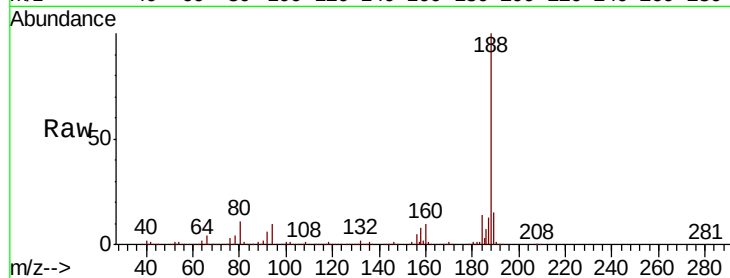




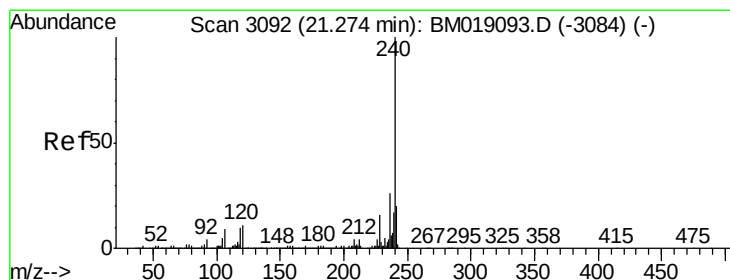
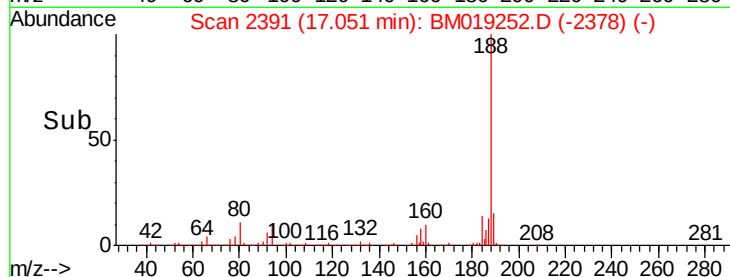
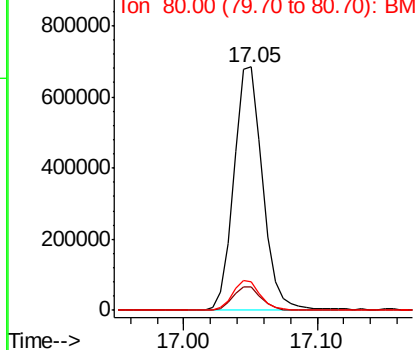
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2391
Delta R.T. -0.02 min
Lab File: BM019252.D
Acq: 20 Mar 2019 04:04

Instrument :
BNA_M
ClientSampleId :
101-102

Tgt Ion:188 Resp: 1028488
Ion Ratio Lower Upper
188 100
94 9.5 8.1 12.1
80 11.5 9.7 14.5

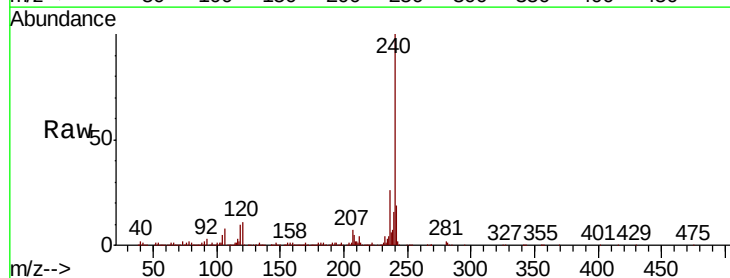


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

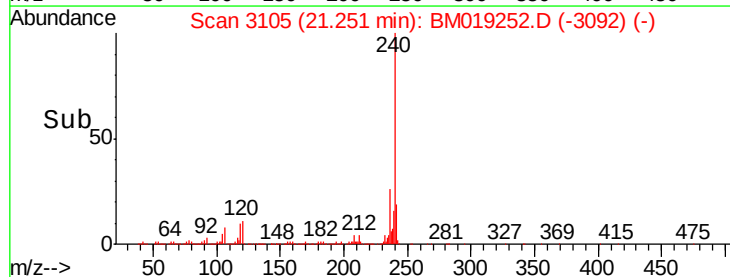
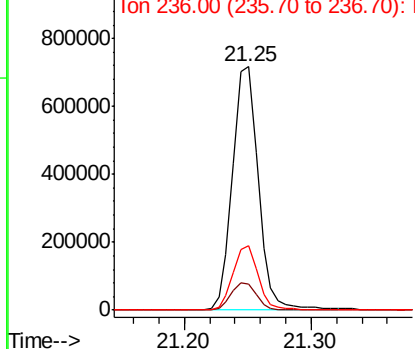


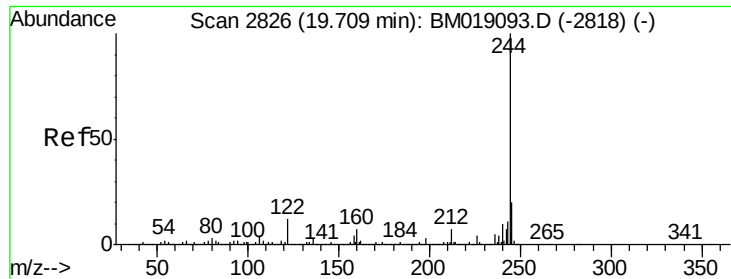
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.02 min
Lab File: BM019252.D
Acq: 20 Mar 2019 04:04

Tgt Ion:240 Resp: 1012390
Ion Ratio Lower Upper
240 100
120 10.8 8.9 13.3
236 26.4 21.0 31.4



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: 114.739 ng

RT: 19.69 min Scan# 2840

Delta R.T. -0.02 min

Lab File: BM019252.D

Acq: 20 Mar 2019 04:04

Instrument :

BNA_M

ClientSampleId :

101-102

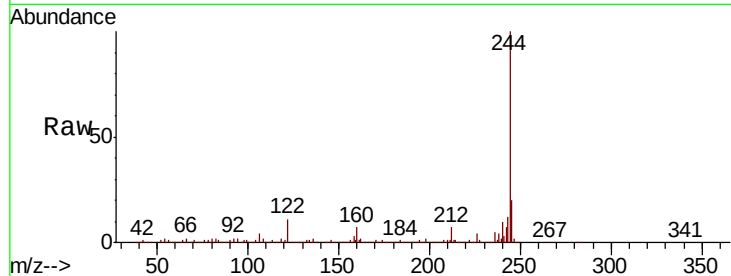
Tgt Ion:244 Resp: 5851255

Ion Ratio Lower Upper

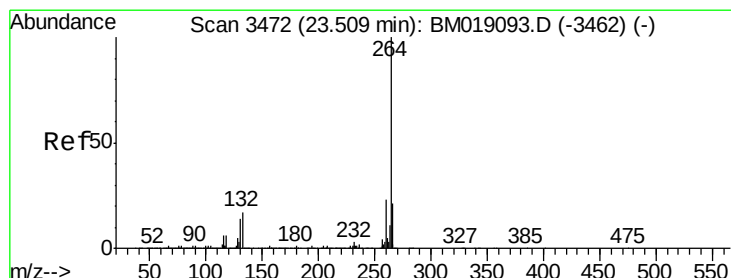
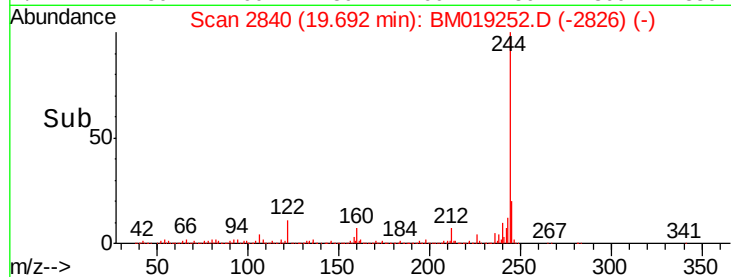
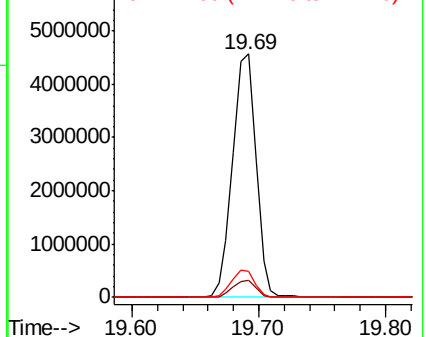
244 100

212 6.8 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: BM019252.D

Acq: 20 Mar 2019 04:04

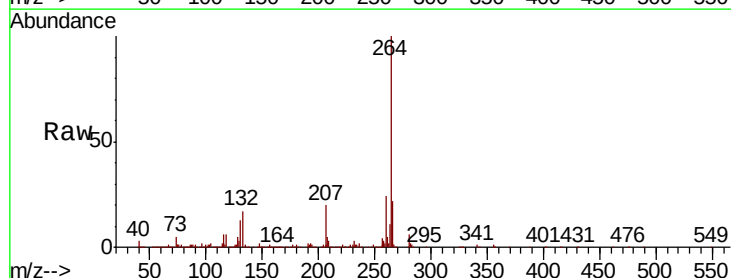
Tgt Ion:264 Resp: 917471

Ion Ratio Lower Upper

264 100

260 23.7 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

