

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM031819\
 Data File : BM019213.D
 Acq On : 18 Mar 2019 13:38
 Operator : JU/SJ
 Sample : K1933-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 19 07:19:39 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

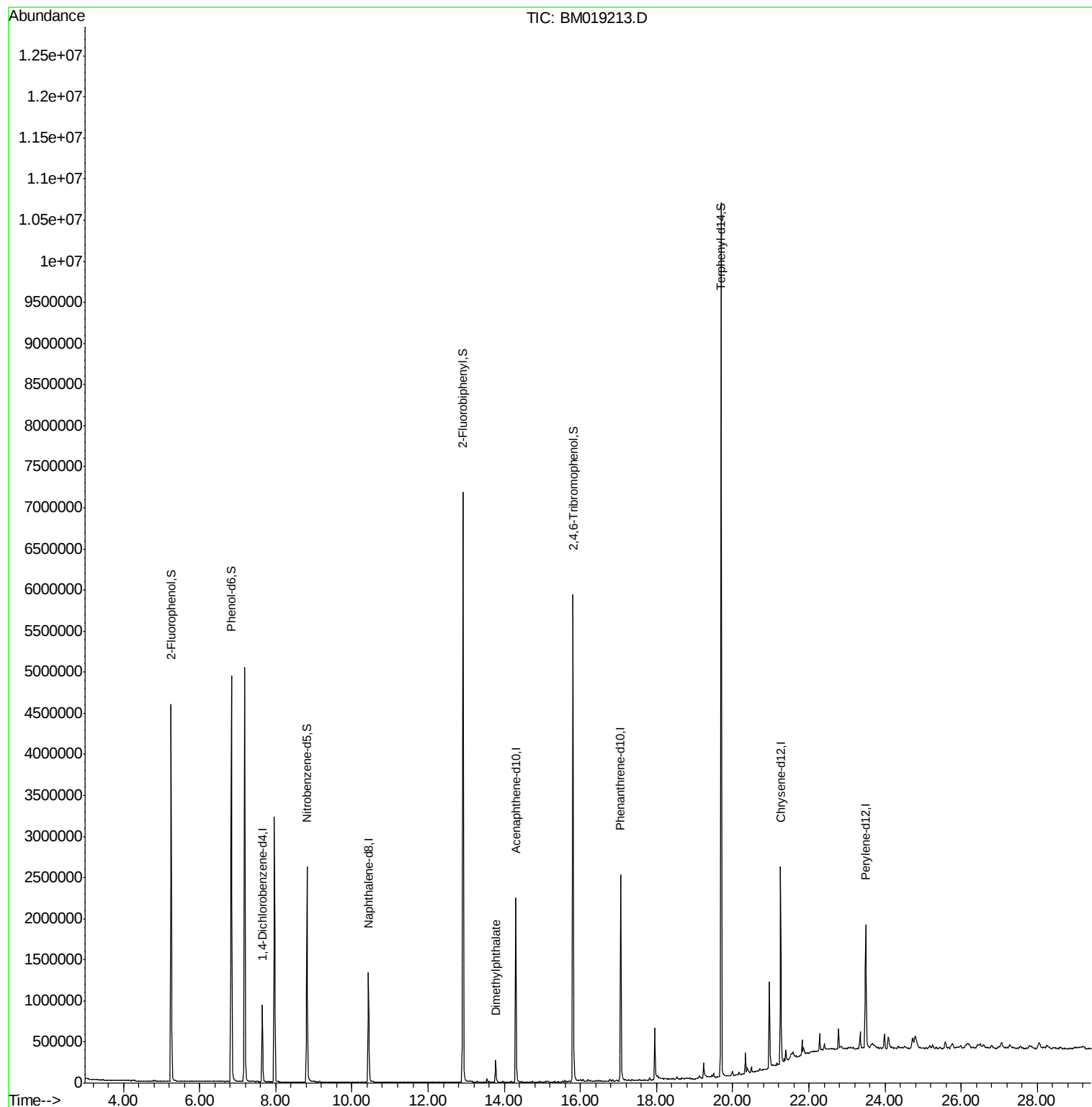
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	250171	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	1114161	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	694600	20.00	ng	-0.02
64) Phenanthrene-d10	17.06	188	1449162	20.00	ng	-0.02
76) Chrysene-d12	21.26	240	1109784	20.00	ng	-0.02
87) Perylene-d12	23.49	264	1046038	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1895447	122.70	ng	0.00
7) Phenol-d6	6.83	99	2851438	126.20	ng	-0.01
23) Nitrobenzene-d5	8.82	82	1742466	73.93	ng	-0.01
42) 2,4,6-Tribromophenol	15.80	330	1126377	109.83	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	3563659	66.74	ng	-0.02
79) Terphenyl-d14	19.70	244	4488950	80.30	ng	-0.01
Target Compounds						
50) Dimethylphthalate	13.77	163	194643	3.276	ng	Qvalue 99

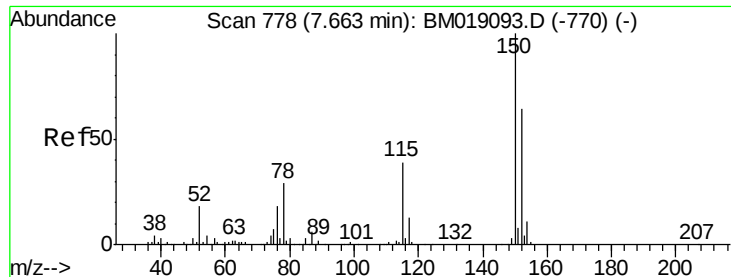
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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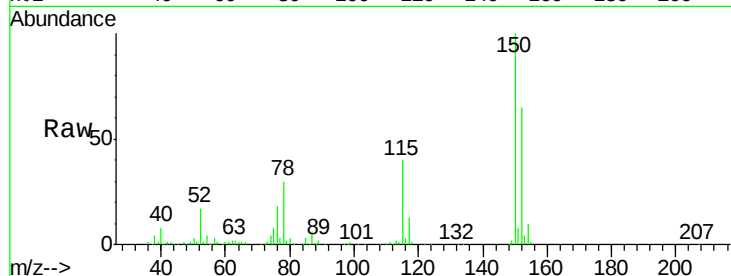


#1

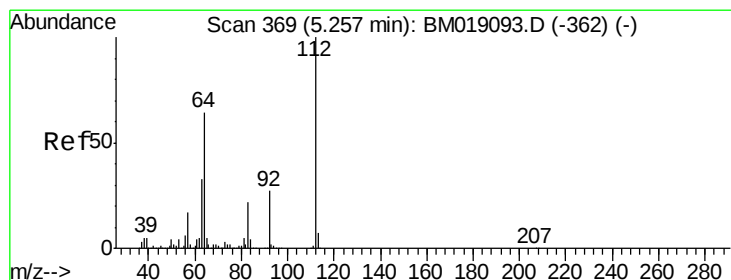
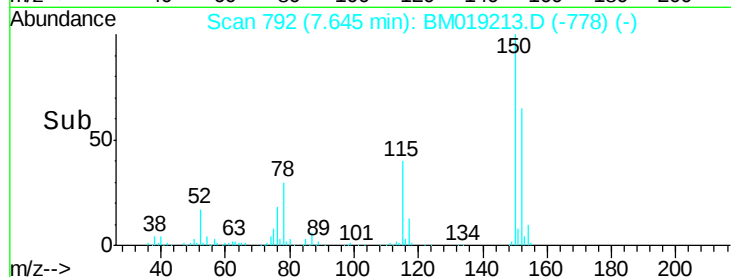
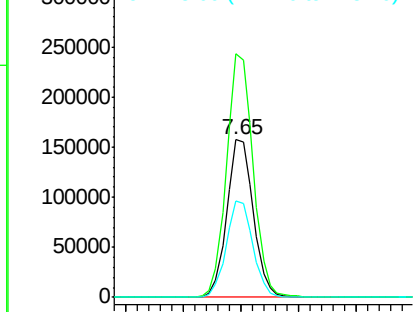
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 792
Delta R.T. -0.02 min
Lab File: BM019213.D
Acq: 18 Mar 2019 13:38

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 250171
Ion Ratio Lower Upper
152 100
150 154.4 125.3 187.9
115 61.6 49.4 74.0



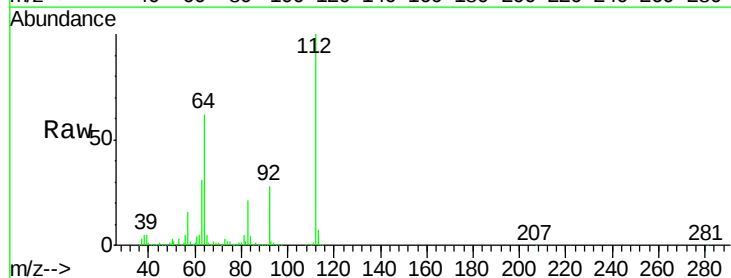
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



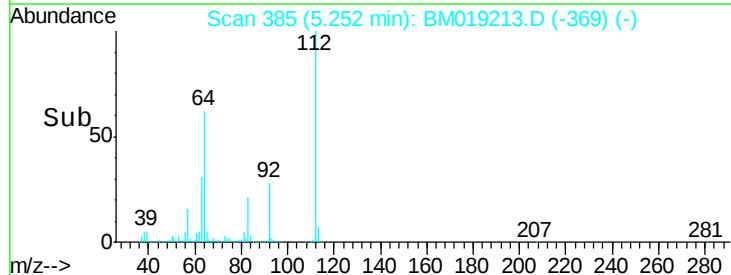
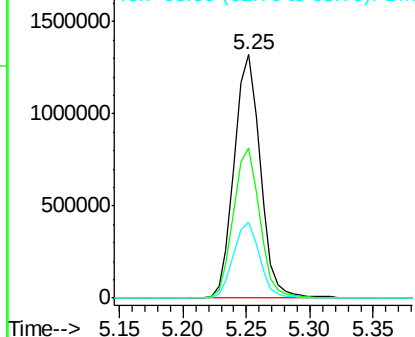
#5

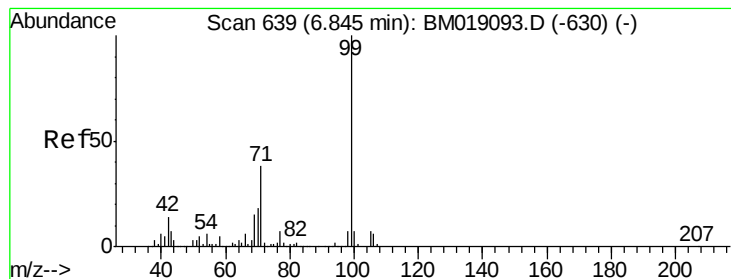
2-Fluorophenol
Concen: 122.701 ng
RT: 5.25 min Scan# 385
Delta R.T. -0.01 min
Lab File: BM019213.D
Acq: 18 Mar 2019 13:38

Tgt Ion:112 Resp: 1895447
Ion Ratio Lower Upper
112 100
64 61.7 51.4 77.0
63 31.2 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: 126.196 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.01 min

Lab File: BM019213.D

Acq: 18 Mar 2019 13:38

Instrument :

BNA_M

ClientSampled :

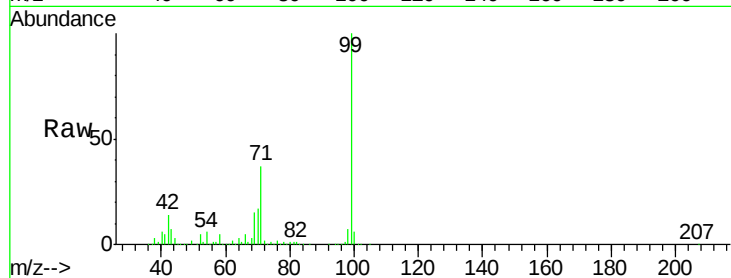
Tgt Ion: 99 Resp: 2851438

Ion Ratio Lower Upper

99 100

42 13.7 10.9 16.3

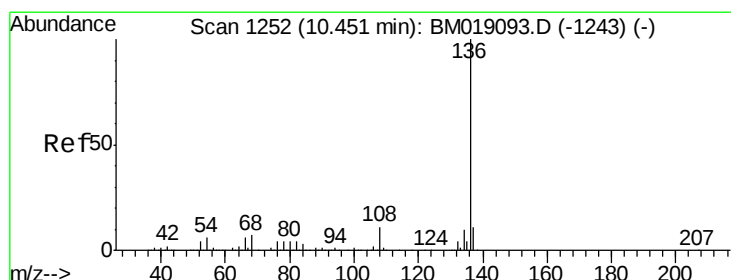
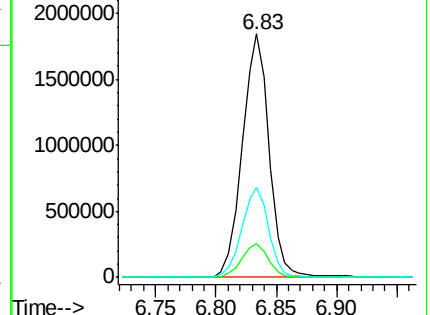
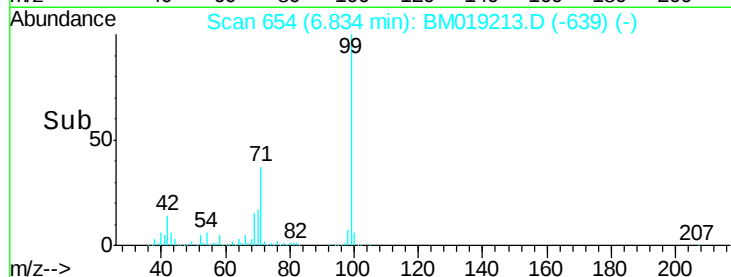
71 36.9 30.3 45.5



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: 10.43 min Scan# 1266

Delta R.T. -0.02 min

Lab File: BM019213.D

Acq: 18 Mar 2019 13:38

Tgt Ion: 136 Resp: 1114161

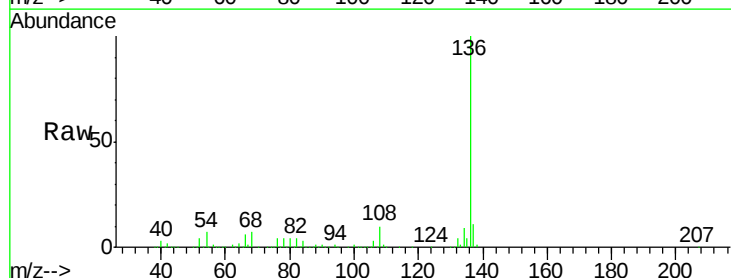
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 6.8 5.2 7.8

68 7.2 5.8 8.8

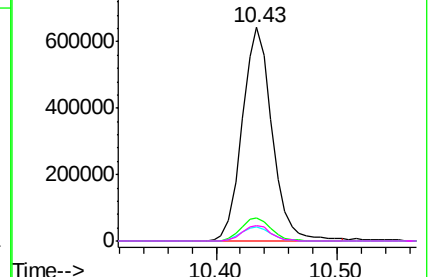
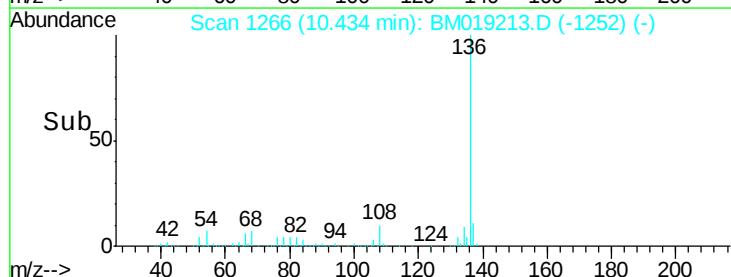


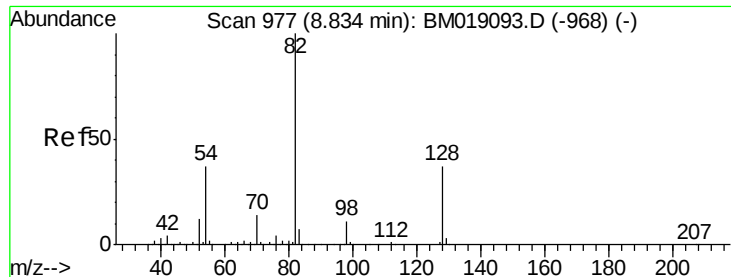
Abundance Ion 136.00 (135.70 to 136.70): BM019093.D (-1243) (-)

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: 73.927 ng

RT: 8.82 min Scan# 992

Delta R.T. -0.01 min

Lab File: BM019213.D

Acq: 18 Mar 2019 13:38

Instrument :

BNA_M

ClientSampleId :

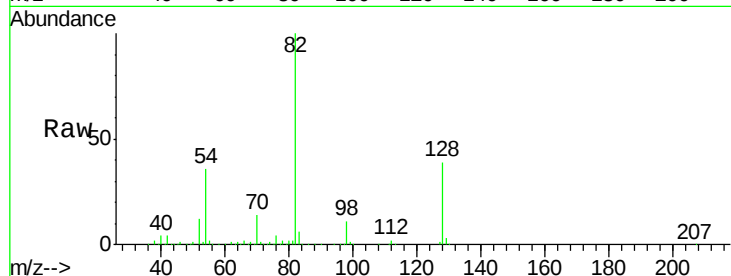
Tgt Ion: 82 Resp: 1742466

Ion Ratio Lower Upper

82 100

128 38.6 29.4 44.2

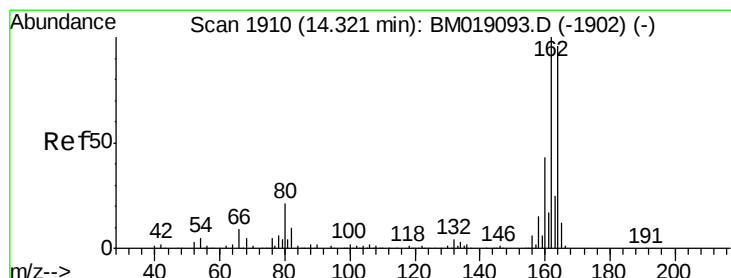
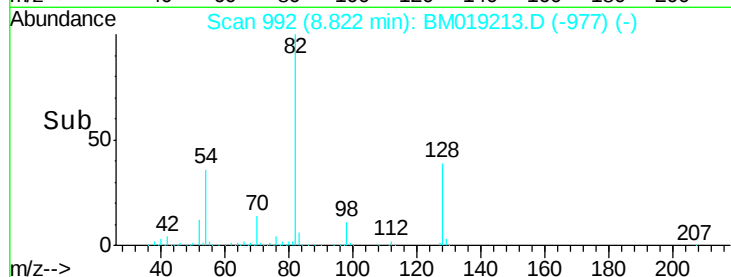
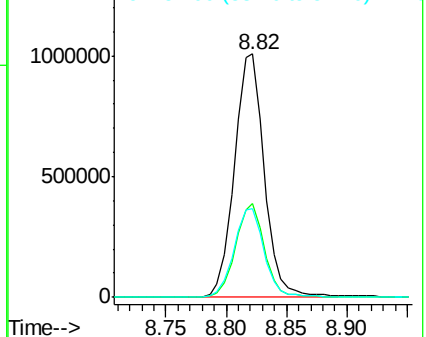
54 36.3 29.9 44.9



Abundance Ion 82.00 (81.70 to 82.70): BM019093.D (-968) (-)

Ion 128.00 (127.70 to 128.70): BM019093.D (-968) (-)

Ion 54.00 (53.70 to 54.70): BM019093.D (-968) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.30 min Scan# 1924

Delta R.T. -0.02 min

Lab File: BM019213.D

Acq: 18 Mar 2019 13:38

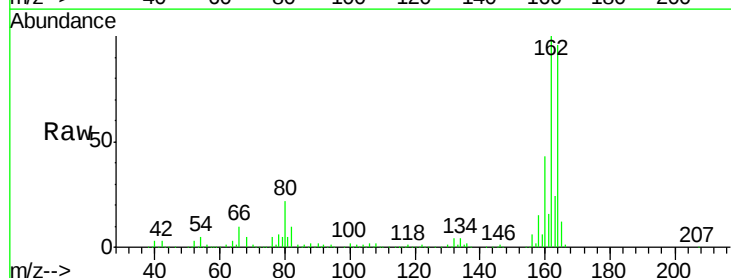
Tgt Ion: 164 Resp: 694600

Ion Ratio Lower Upper

164 100

162 104.4 83.5 125.3

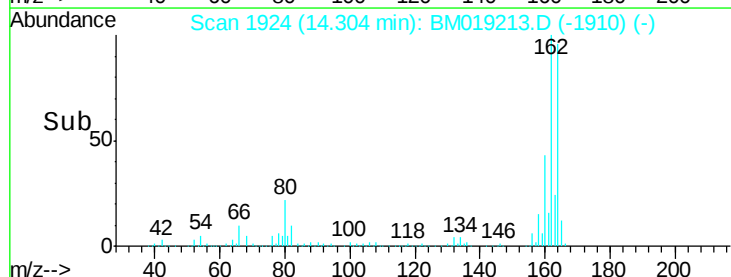
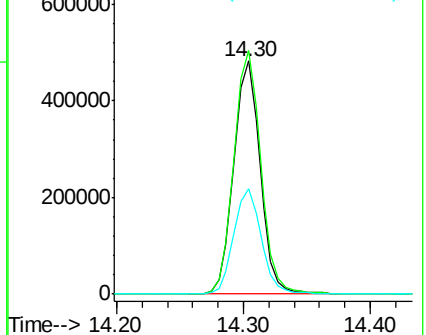
160 45.3 36.3 54.5

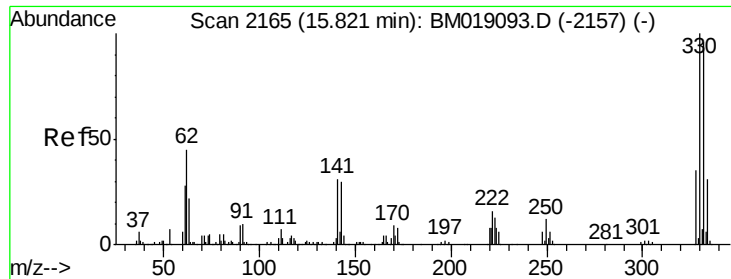


Abundance Ion 164.00 (163.70 to 164.70): BM019093.D (-1902) (-)

Ion 162.00 (161.70 to 162.70): BM019093.D (-1902) (-)

Ion 160.00 (159.70 to 160.70): BM019093.D (-1902) (-)





#42

2,4,6-Tribromophenol

Concen: 109.831 ng

RT: 15.80 min Scan# 2179

Delta R.T. -0.02 min

Lab File: BM019213.D

Acq: 18 Mar 2019 13:38

Instrument :

BNA_M

ClientSampleId :

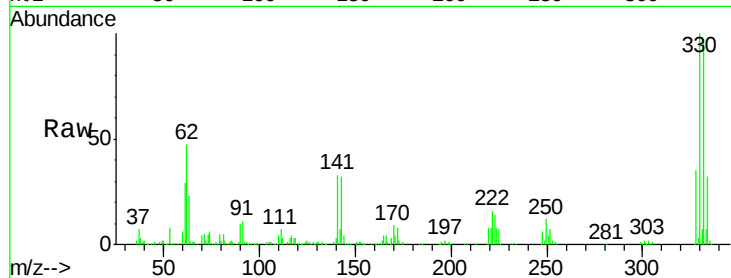
Tgt Ion:330 Resp: 1126377

Ion Ratio Lower Upper

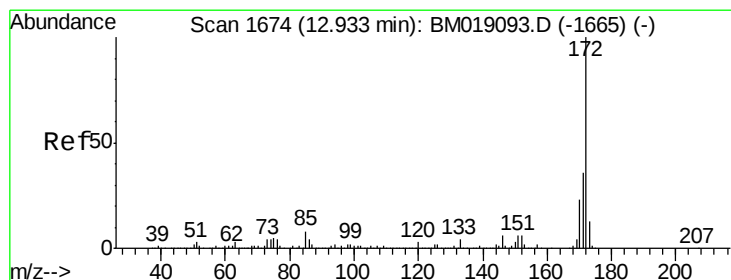
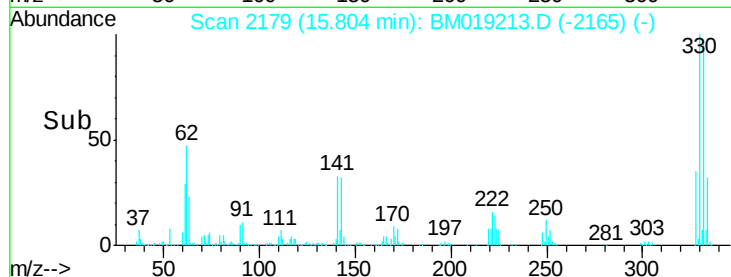
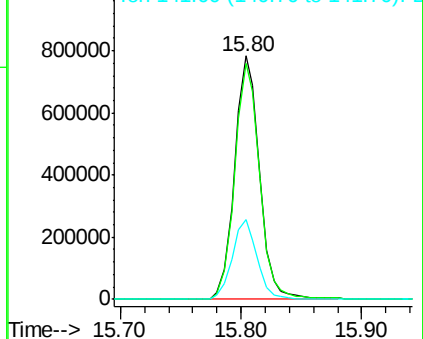
330 100

332 96.8 76.8 115.2

141 32.8 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: 66.736 ng

RT: 12.92 min Scan# 1688

Delta R.T. -0.02 min

Lab File: BM019213.D

Acq: 18 Mar 2019 13:38

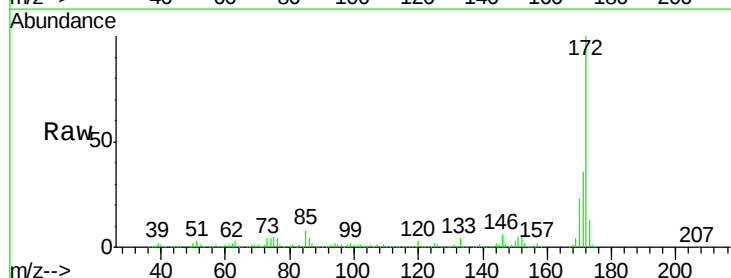
Tgt Ion:172 Resp: 3563659

Ion Ratio Lower Upper

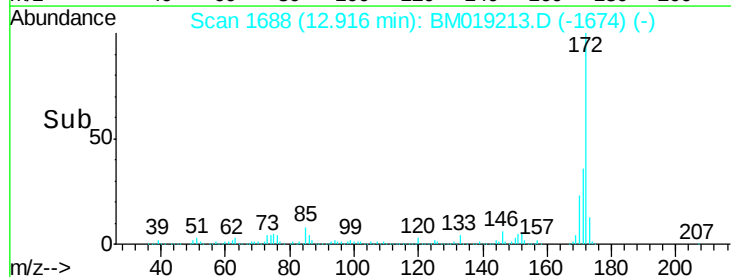
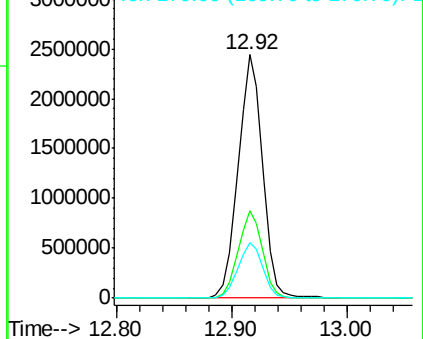
172 100

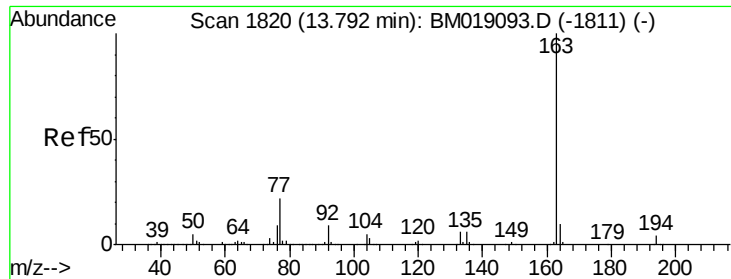
171 36.0 28.6 42.8

170 23.0 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: 3.276 ng

RT: 13.77 min Scan# 1834

Delta R.T. -0.02 min

Lab File: BM019213.D

Acq: 18 Mar 2019 13:38

Instrument :

BNA_M

ClientSampleId :

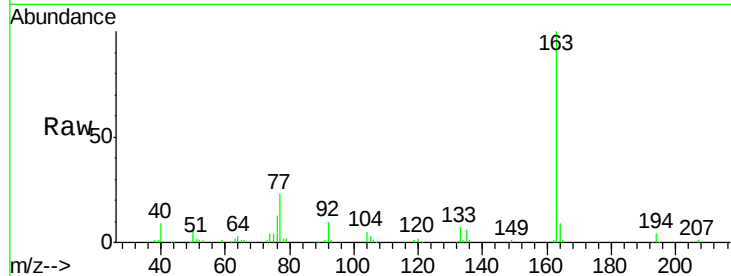
Tgt Ion:163 Resp: 194643

Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

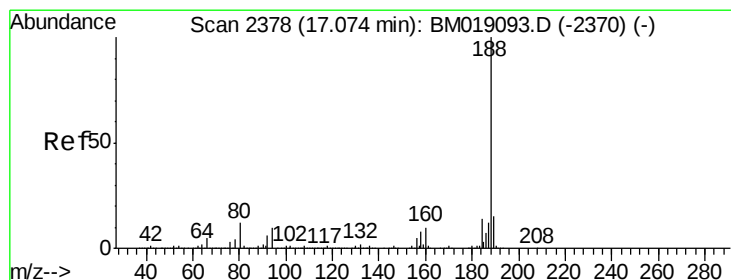
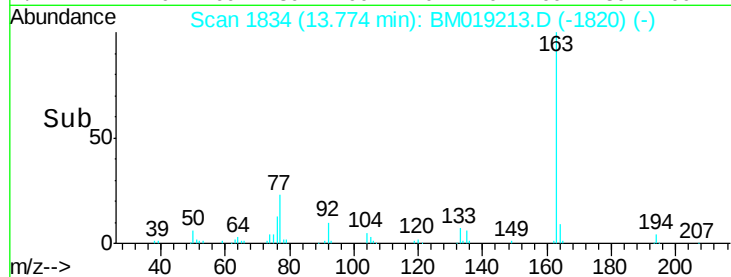
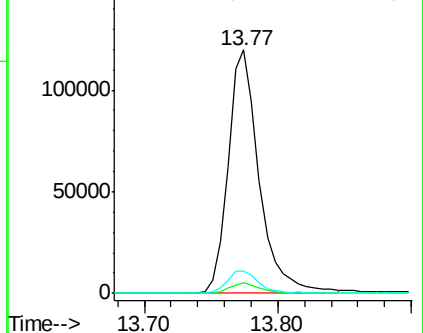
164 9.3 7.7 11.5



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: 17.06 min Scan# 2392

Delta R.T. -0.02 min

Lab File: BM019213.D

Acq: 18 Mar 2019 13:38

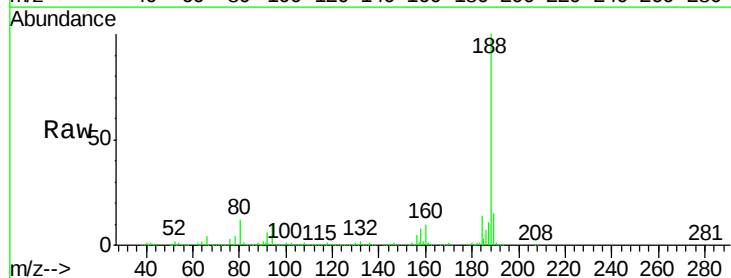
Tgt Ion:188 Resp: 1449162

Ion Ratio Lower Upper

188 100

94 10.4 8.1 12.1

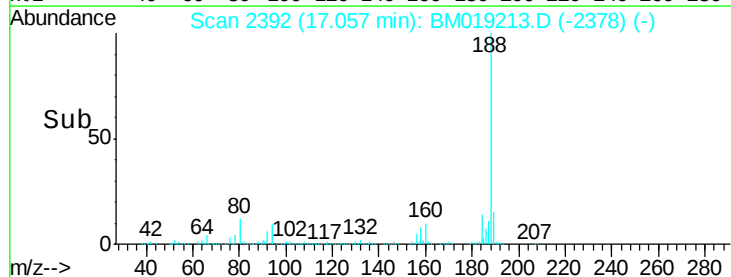
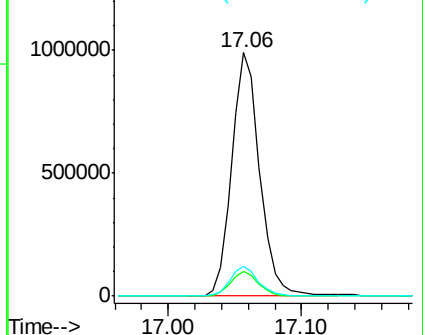
80 12.3 9.7 14.5

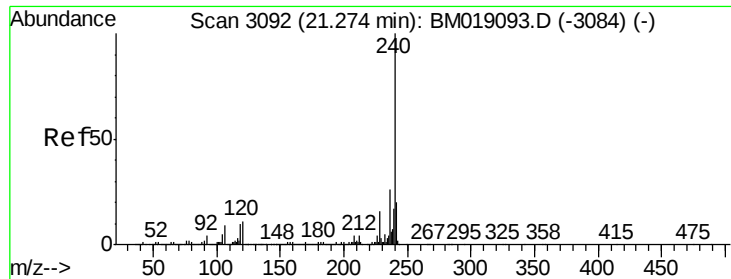


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

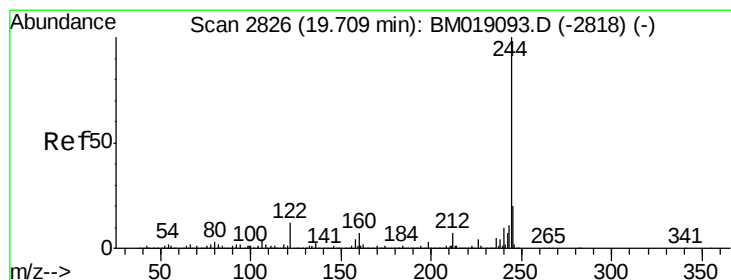
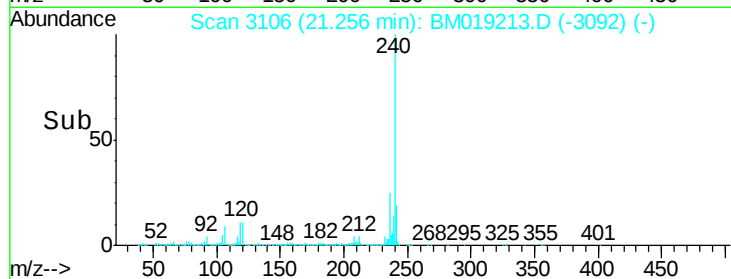
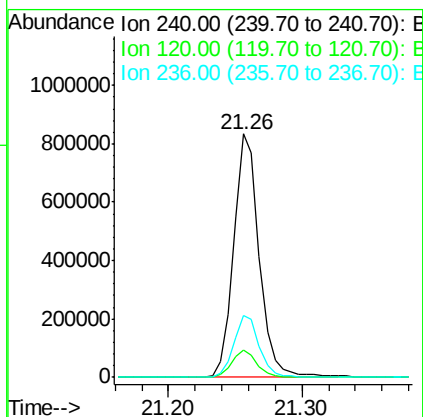
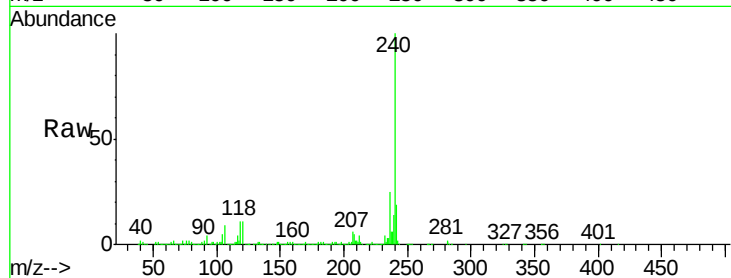




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.26 min Scan# 3106
Delta R.T. -0.02 min
Lab File: BM019213.D
Acq: 18 Mar 2019 13:38

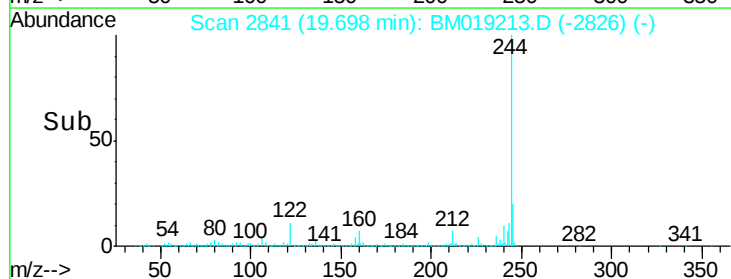
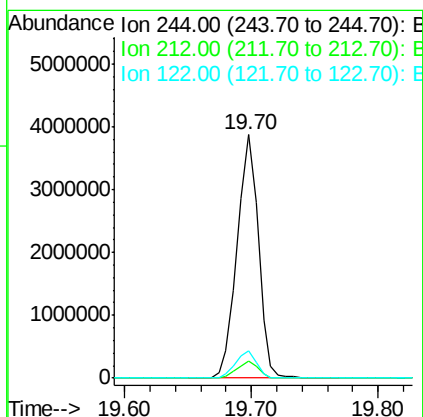
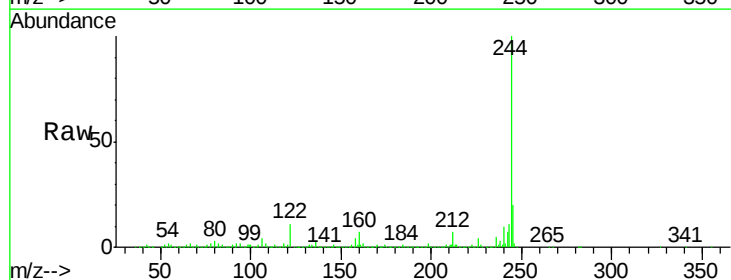
Instrument :
BNA_M
ClientSampleId :

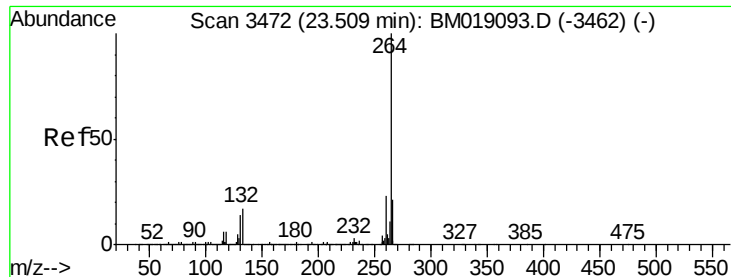
Tgt Ion:240 Resp: 1109784
Ion Ratio Lower Upper
240 100
120 11.4 8.9 13.3
236 25.3 21.0 31.4



#79
Terphenyl-d14
Concen: 80.300 ng
RT: 19.70 min Scan# 2841
Delta R.T. -0.01 min
Lab File: BM019213.D
Acq: 18 Mar 2019 13:38

Tgt Ion:244 Resp: 4488950
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.2
122 11.1 9.4 14.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.49 min Scan# 3486
Delta R.T. -0.02 min
Lab File: BM019213.D
Acq: 18 Mar 2019 13:38

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:264 Resp: 1046038

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	28.0
265	22.0	17.3	25.9

