

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031319\
 Data File : BM019149.D
 Acq On : 13 Mar 2019 17:03
 Operator : JU/SJ
 Sample : PB117864BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB117864BL

Quant Time: Mar 14 06:55:34 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	7.66	152	206949	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	821369	20.00	ng	0.00
39) Acenaphthene-d10	14.31	164	533158	20.00	ng	-0.01
64) Phenanthrene-d10	17.07	188	1309070	20.00	ng	0.00
76) Chrysene-d12	21.27	240	1210356	20.00	ng	0.00
87) Perylene-d12	23.50	264	1026641	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1391078	108.86	ng	0.00
7) Phenol-d6	6.84	99	1970173	105.40	ng	0.00
23) Nitrobenzene-d5	8.83	82	1170619	67.37	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	903465	114.77	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	2656872	64.82	ng	0.00
79) Terphenyl-d14	19.70	244	4894066	80.27	ng	0.00

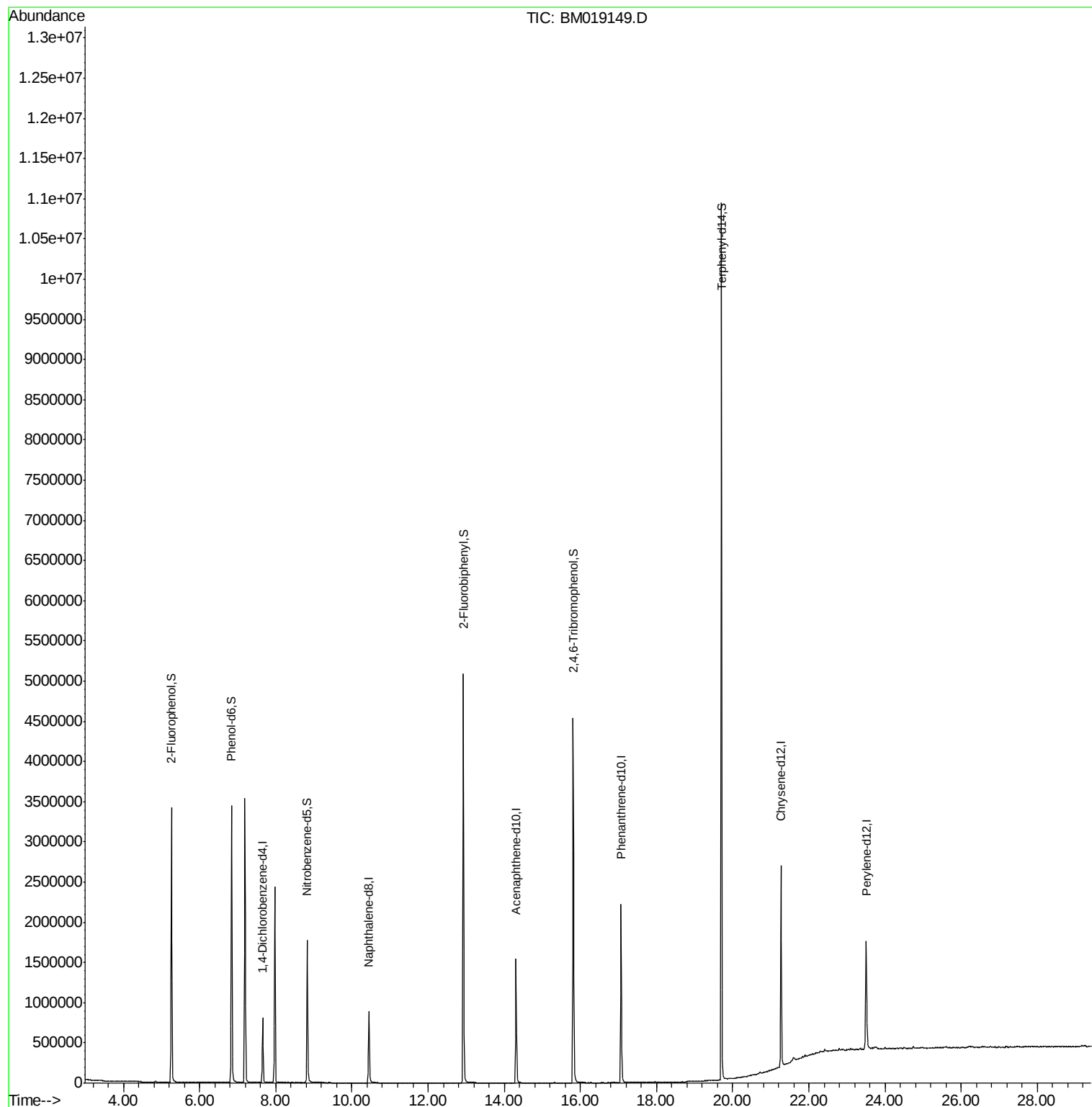
Target Compounds Qvalue

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

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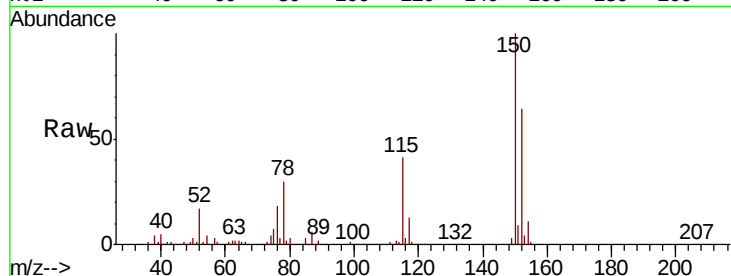


#1

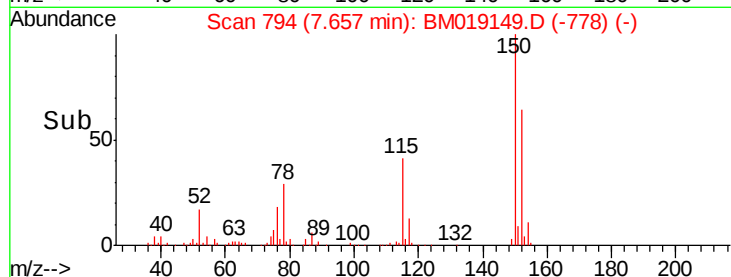
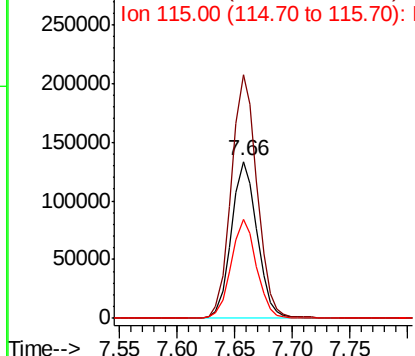
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 794
Delta R.T. -0.01 min
Lab File: BM019149.D
Acq: 13 Mar 2019 17:03

Instrument :
BNA_M
ClientSampleId :
PB117864BL

Tot Ion:152 Resp: 206949
Ion Ratio Lower Upper
152 100
150 155.1 125.3 187.9
115 62.8 49.4 74.0



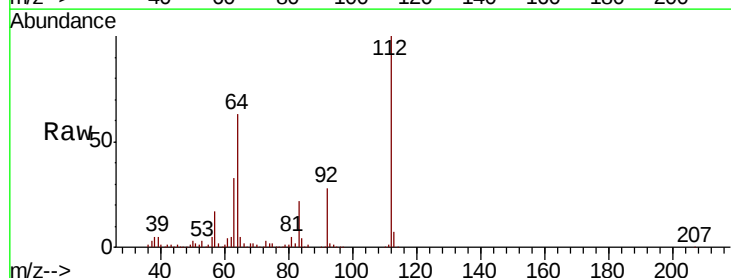
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



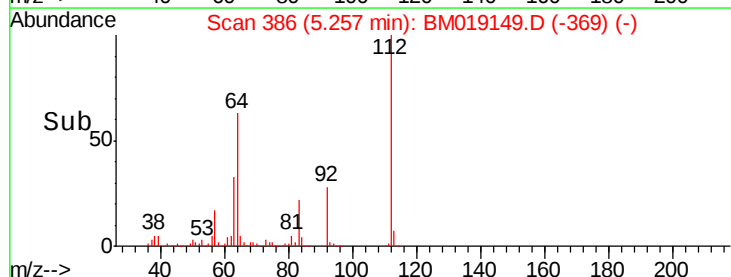
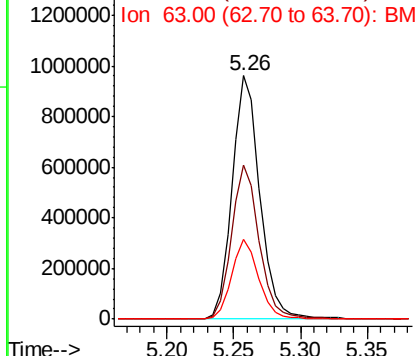
#5

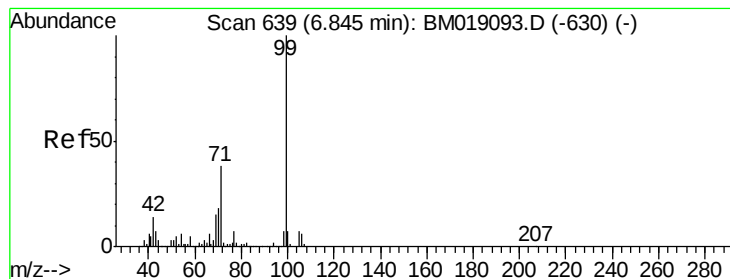
2-Fluorophenol
Concen: 108.859 ng
RT: 5.26 min Scan# 386
Delta R.T. 0.00 min
Lab File: BM019149.D
Acq: 13 Mar 2019 17:03

Tgt Ion:112 Resp: 1391078
Ion Ratio Lower Upper
112 100
64 63.4 51.4 77.0
63 32.5 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: 105.404 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.01 min

Lab File: BM019149.D

Acq: 13 Mar 2019 17:03

Instrument :

BNA_M

ClientSampleId :

PB117864BL

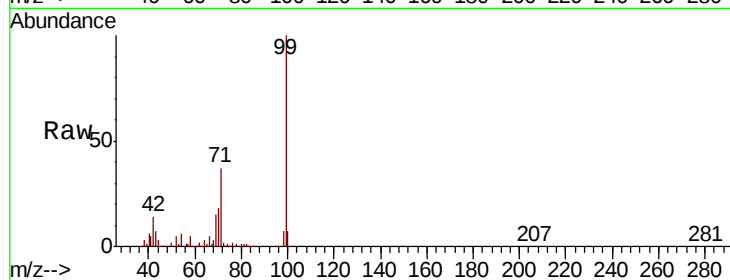
Tot Ion: 99 Resp: 1970173

Ion Ratio Lower Upper

99 100

42 13.6 10.9 16.3

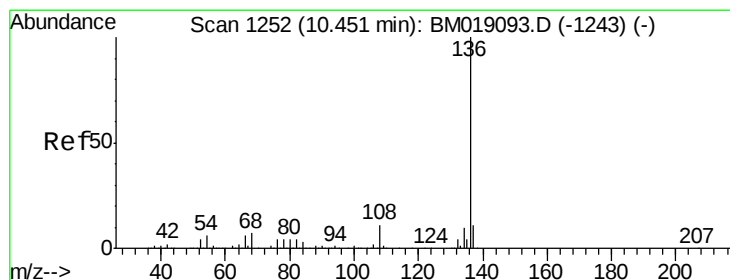
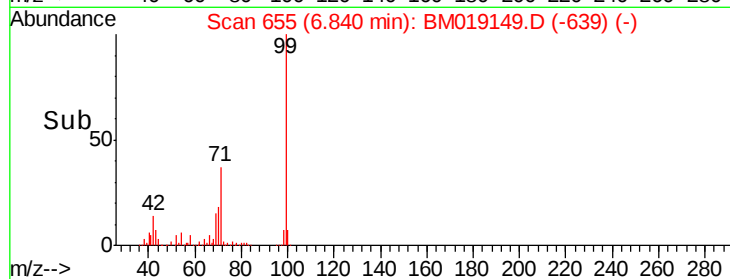
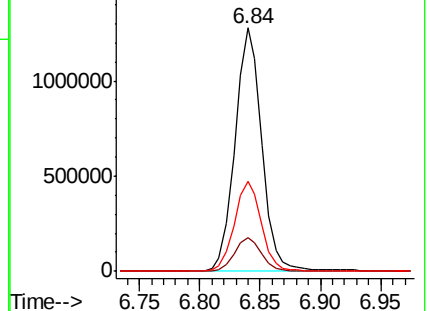
71 37.1 30.3 45.5



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: 10.45 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BM019149.D

Acq: 13 Mar 2019 17:03

Tgt Ion: 136 Resp: 821369

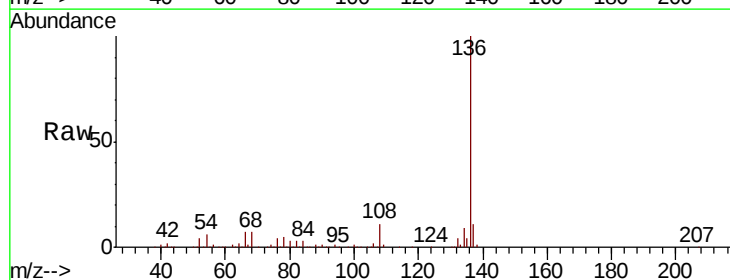
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 6.5 5.2 7.8

68 7.3 5.8 8.8

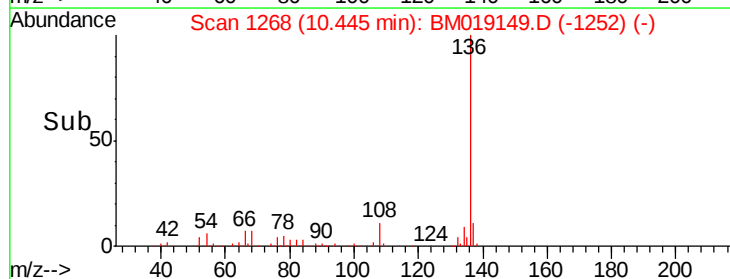
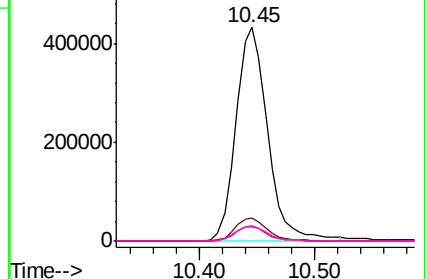


Abundance Ion 136.00 (135.70 to 136.70): BM019093.D (-1243) (-)

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) (-)

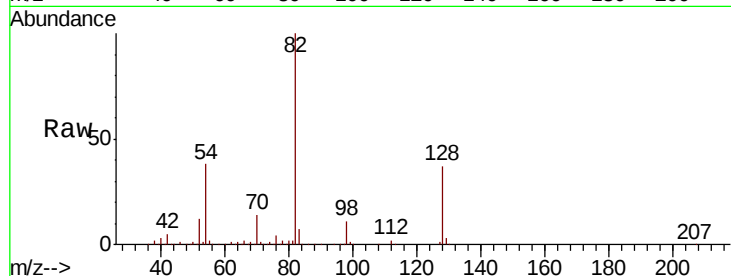




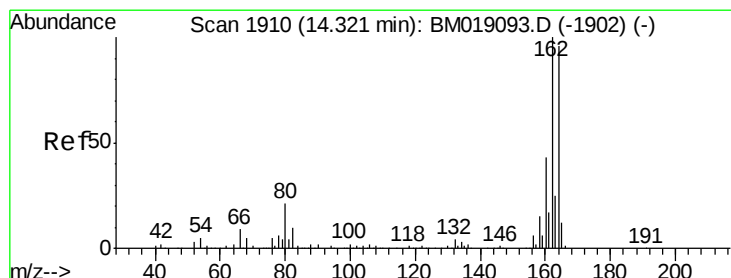
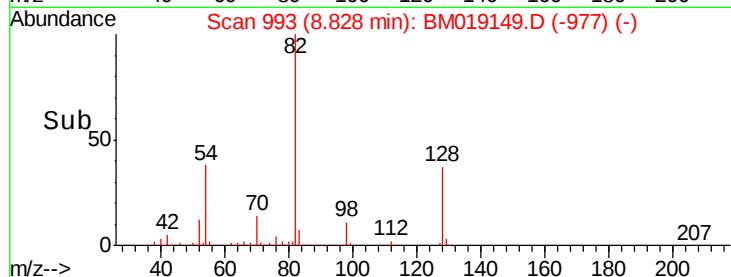
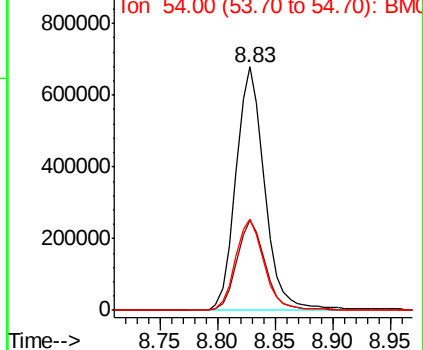
#23
Nitrobenzene-d5
Concen: 67.370 ng
RT: 8.83 min Scan# 993
Delta R.T. -0.01 min
Lab File: BM019149.D
Acq: 13 Mar 2019 17:03

Instrument :
BNA_M
ClientSampleId :
PB117864BL

Tot Ion: 82 Resp: 1170619
Ion Ratio Lower Upper
82 100
128 36.8 29.4 44.2
54 37.6 29.9 44.9

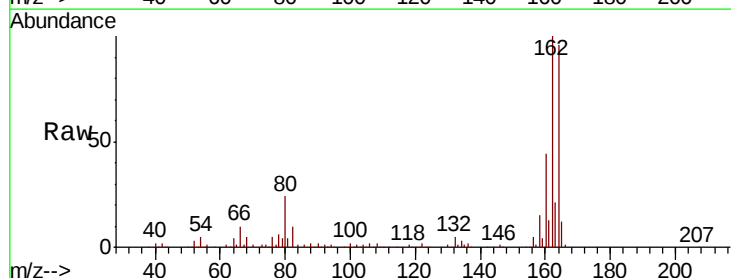


Abundance Ion 82.00 (81.70 to 82.70): BM0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM0

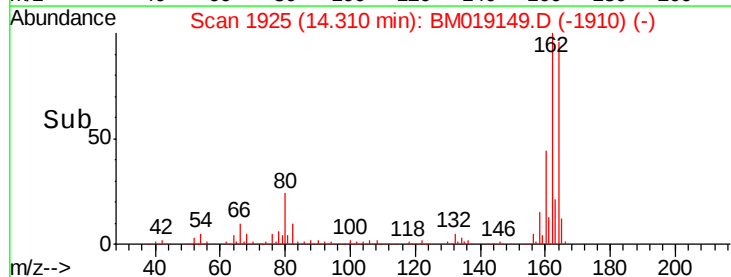
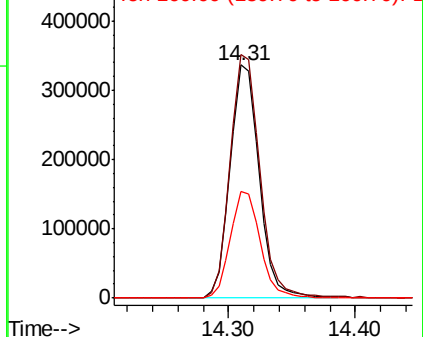


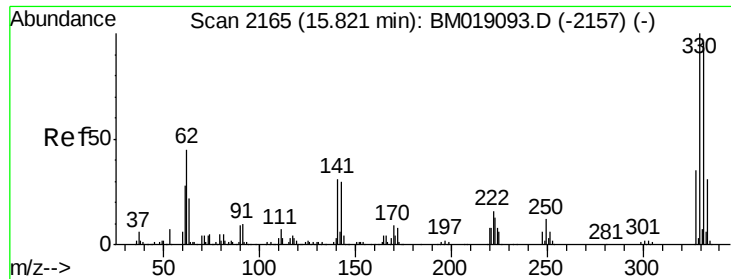
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.31 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BM019149.D
Acq: 13 Mar 2019 17:03

Tgt Ion:164 Resp: 533158
Ion Ratio Lower Upper
164 100
162 104.5 83.5 125.3
160 45.7 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

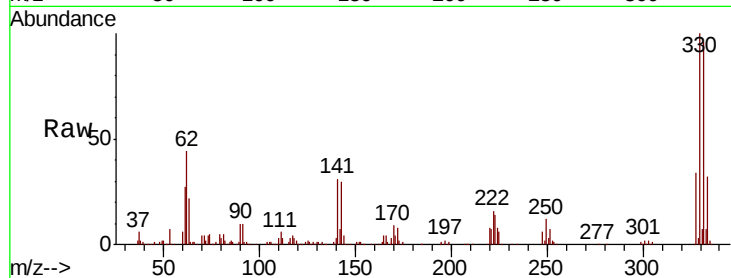




#42
 2,4,6-Tribromophenol
 Concen: 114.771 ng
 RT: 15.82 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BM019149.D
 Acq: 13 Mar 2019 17:03

Instrument :
 BNA_M
 ClientSampleId :
 PB117864BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.8	115.2
141	33.4	27.0	40.4

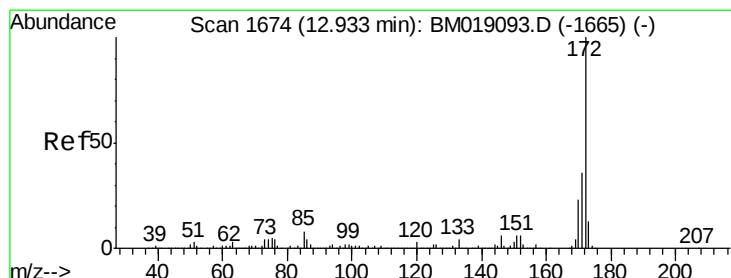
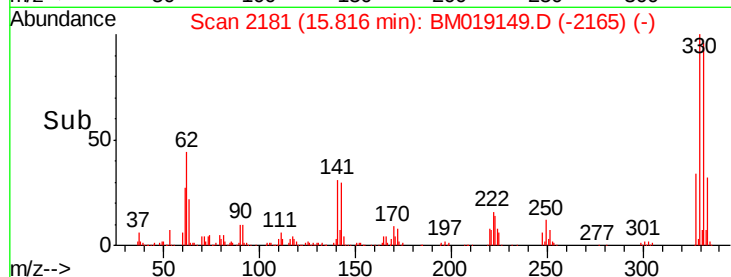
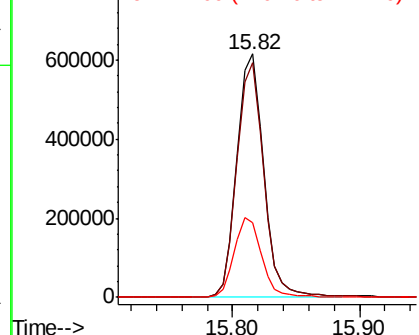


Abundance

Ion 329.80 (329.50 to 330.50): E

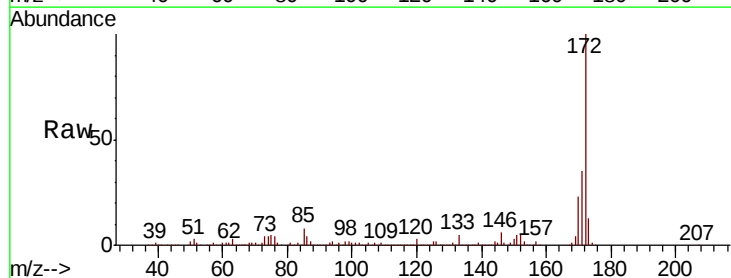
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 64.820 ng
 RT: 12.93 min Scan# 1690
 Delta R.T. -0.01 min
 Lab File: BM019149.D
 Acq: 13 Mar 2019 17:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	42.8
170	23.1	18.6	28.0

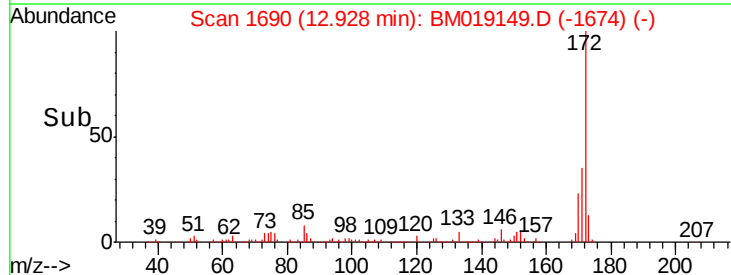
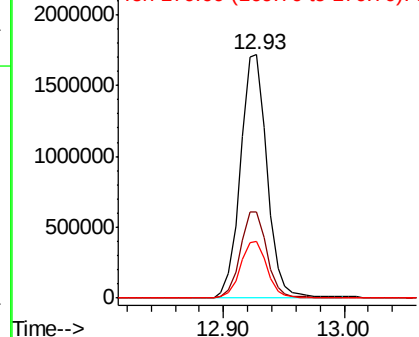


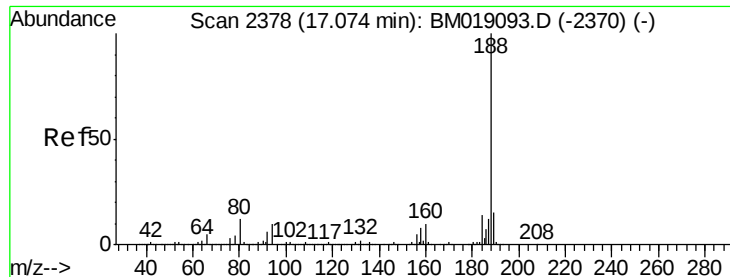
Abundance

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: 17.07 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BM019149.D

Acq: 13 Mar 2019 17:03

Instrument :

BNA_M

ClientSampleId :

PB117864BL

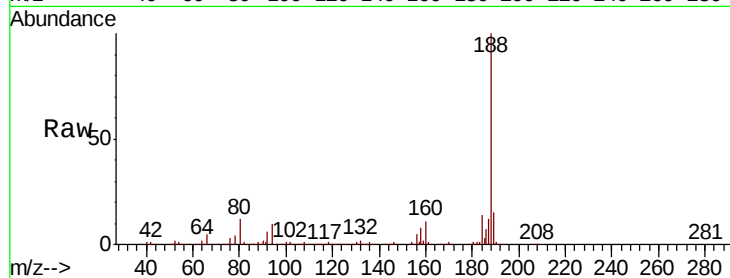
Tot Ion:188 Resp: 1309070

Ion Ratio Lower Upper

188 100

94 9.9 8.1 12.1

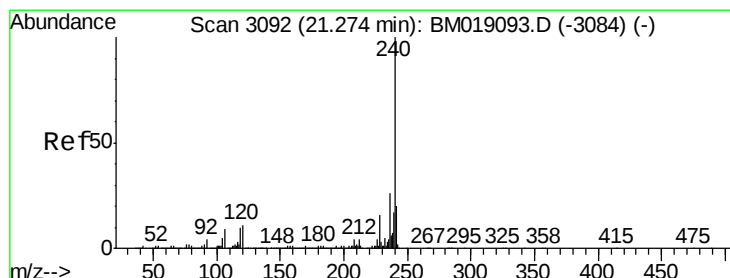
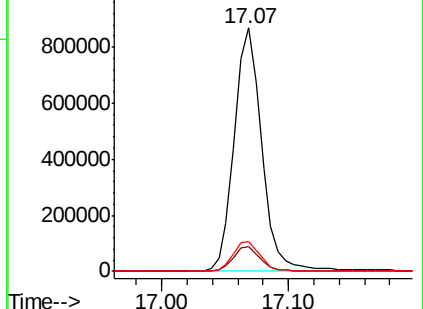
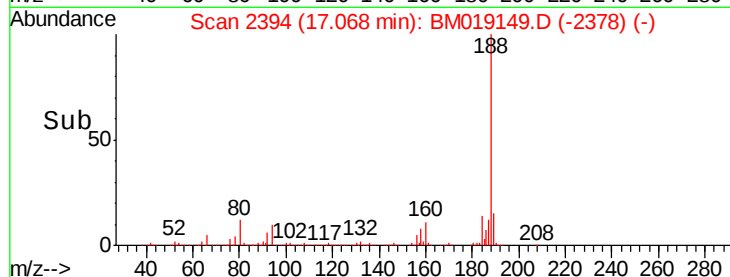
80 12.2 9.7 14.5



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: 21.27 min Scan# 3108

Delta R.T. -0.01 min

Lab File: BM019149.D

Acq: 13 Mar 2019 17:03

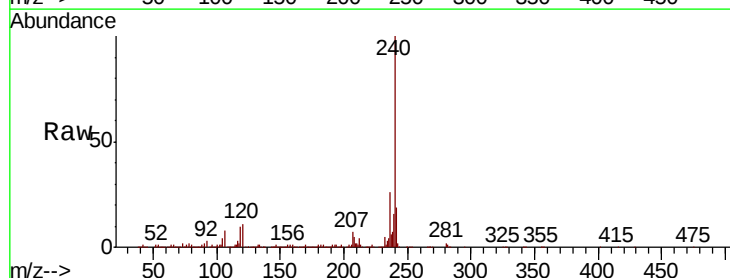
Tgt Ion:240 Resp: 1210356

Ion Ratio Lower Upper

240 100

120 10.6 8.9 13.3

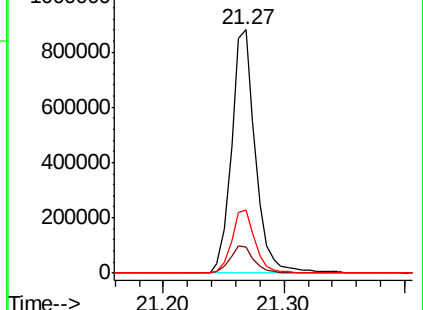
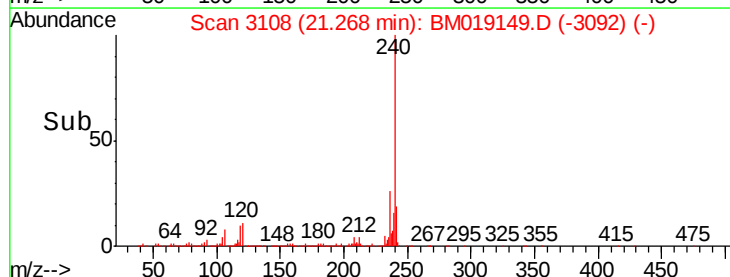
236 25.9 21.0 31.4



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: 80.272 ng

RT: 19.70 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BM019149.D

Acq: 13 Mar 2019 17:03

Instrument :

BNA_M

ClientSampleId :

PB117864BL

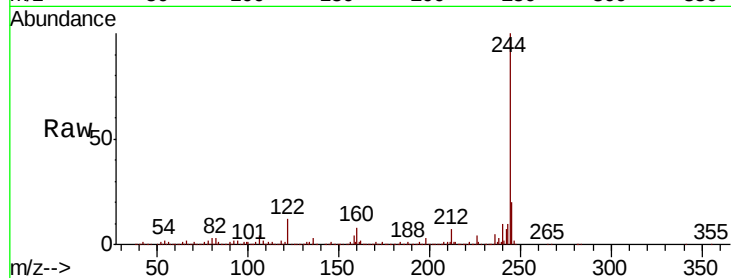
Tot Ion:244 Resp: 4894066

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

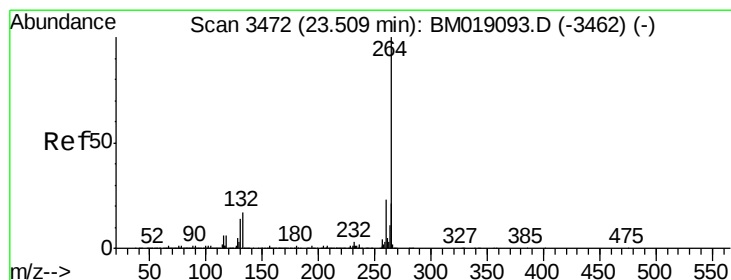
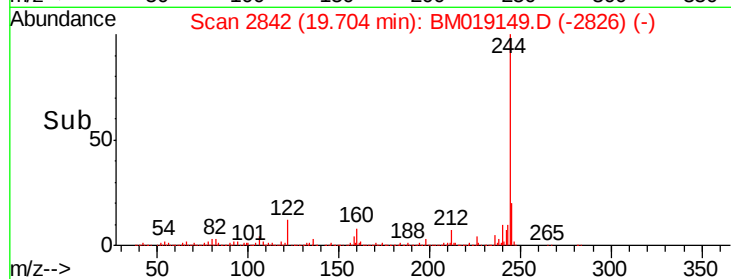
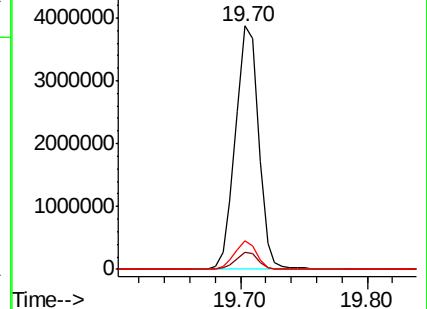
122 11.9 9.4 14.2



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: 23.50 min Scan# 3488

Delta R.T. -0.01 min

Lab File: BM019149.D

Acq: 13 Mar 2019 17:03

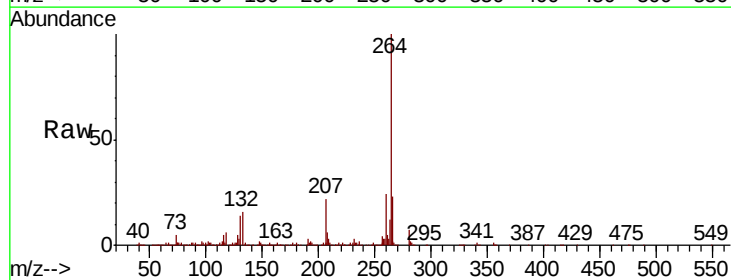
Tgt Ion:264 Resp: 1026641

Ion Ratio Lower Upper

264 100

260 23.6 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

