

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031819\
 Data File : BM019217.D
 Acq On : 18 Mar 2019 16:03
 Operator : JU/SJ
 Sample : PB118000BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB118000BL

Quant Time: Mar 19 07:21:43 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	186221	20.00	ng	-0.01
21) Naphthalene-d8	10.43	136	780659	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	490563	20.00	ng	-0.02
64) Phenanthrene-d10	17.06	188	1043826	20.00	ng	-0.02
76) Chrysene-d12	21.26	240	763365	20.00	ng	-0.01
87) Perylene-d12	23.50	264	735334	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1570426	136.57	ng	0.00
7) Phenol-d6	6.83	99	2283578	135.77	ng	-0.01
23) Nitrobenzene-d5	8.82	82	1382771	83.73	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	885575	122.27	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	3169177	84.03	ng	-0.02
79) Terphenyl-d14	19.70	244	4330983	112.63	ng	-0.01

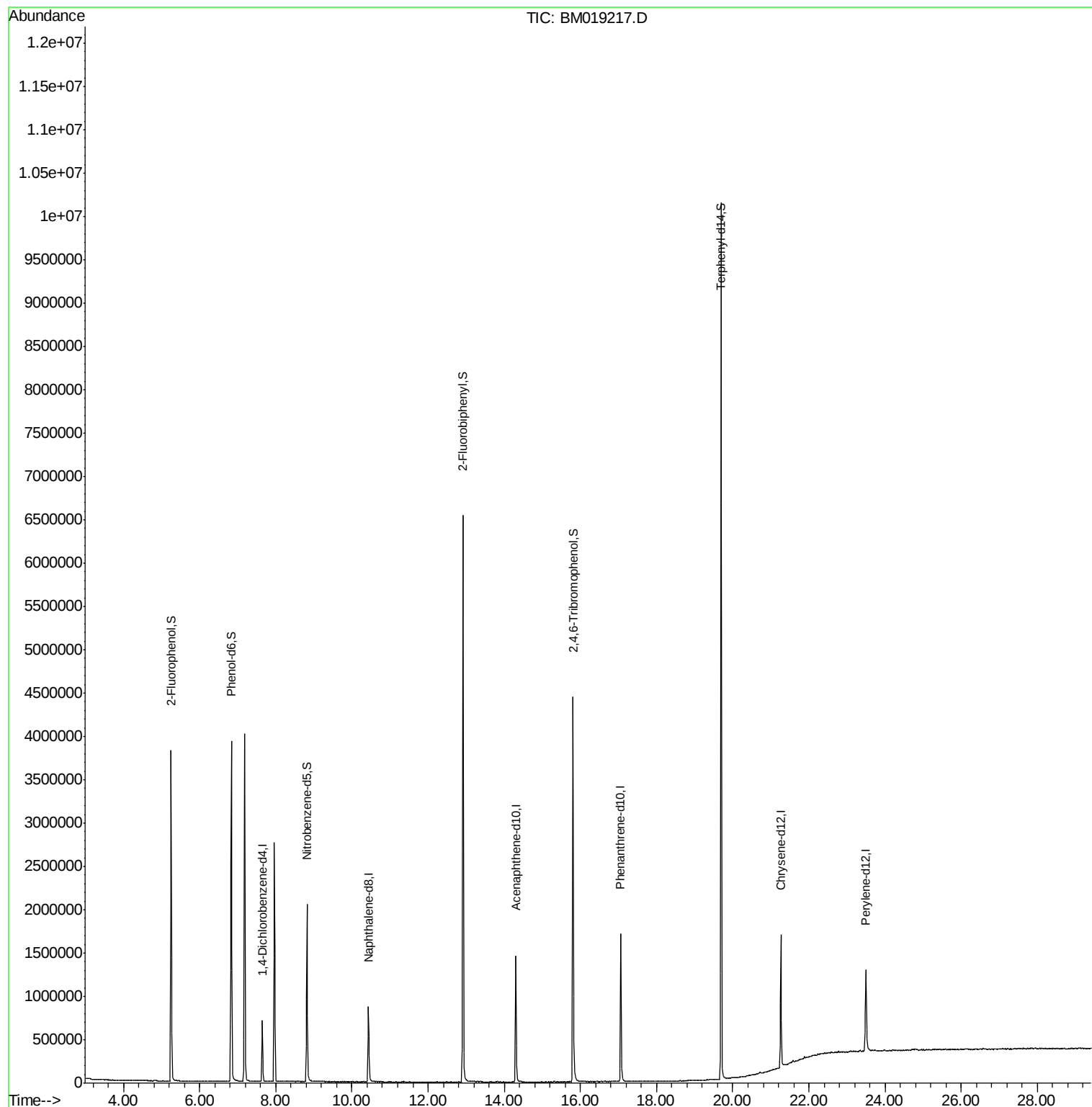
Target Compounds Qvalue

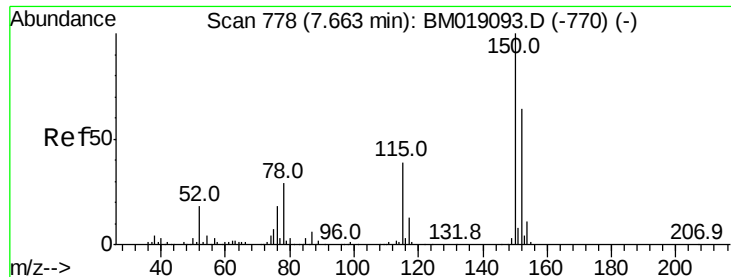
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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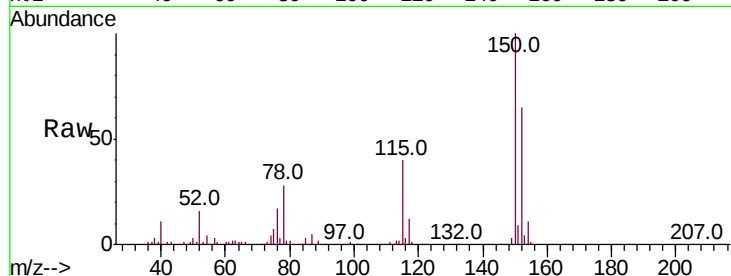


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.01 min
Lab File: BM019217.D
Acq: 18 Mar 2019 16:03

Instrument :
BNA_M
ClientSampleId :
PB118000BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	125.3	187.9
115	61.5	49.4	74.0

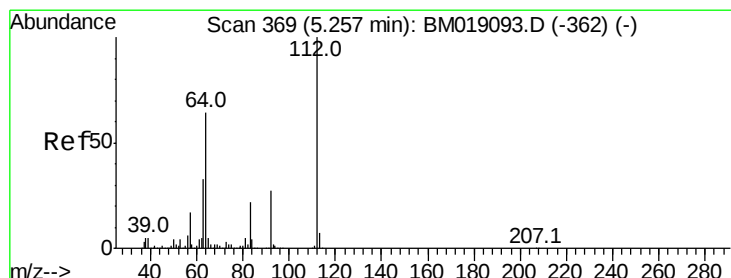
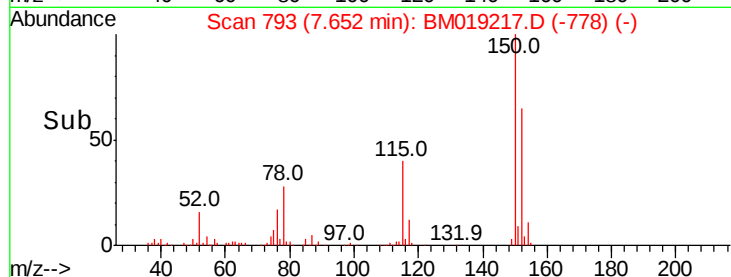
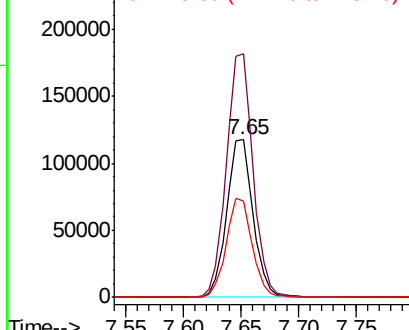


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

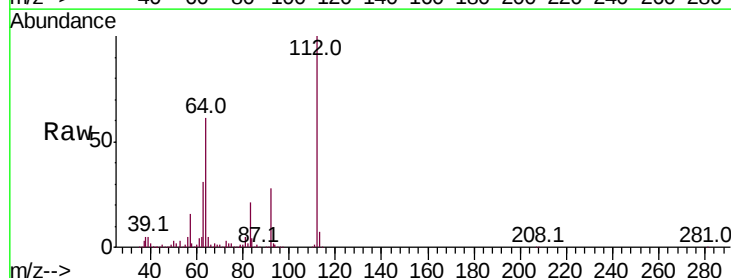
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 136.573 ng
RT: 5.25 min Scan# 385
Delta R.T. -0.01 min
Lab File: BM019217.D
Acq: 18 Mar 2019 16:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.2	51.4	77.0
63	30.9	26.6	40.0

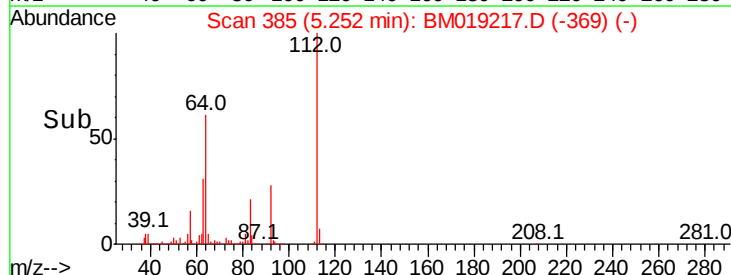
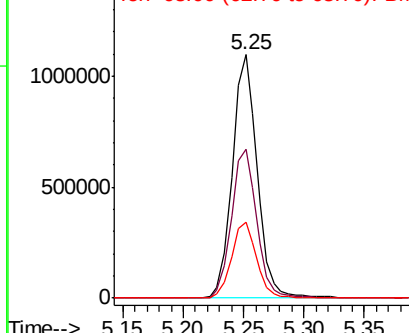


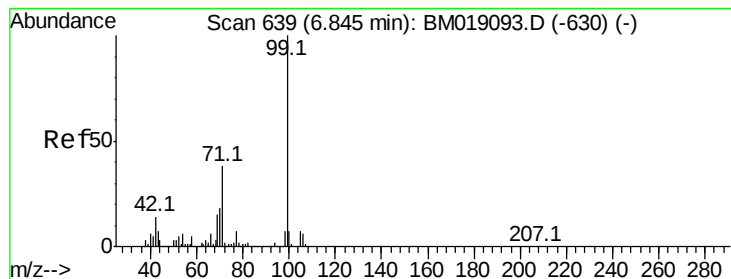
Abundance

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: 135.770 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.01 min

Lab File: BM019217.D

Acq: 18 Mar 2019 16:03

Instrument :

BNA_M

ClientSampleId :

PB118000BL

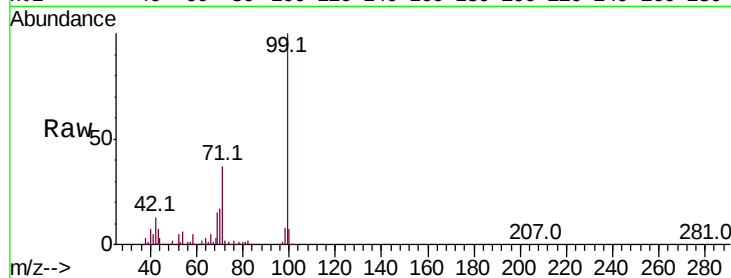
Tot Ion: 99 Resp: 2283578

Ion Ratio Lower Upper

99 100

42 13.4 10.9 16.3

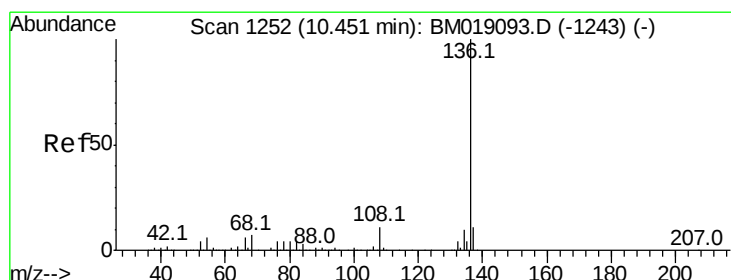
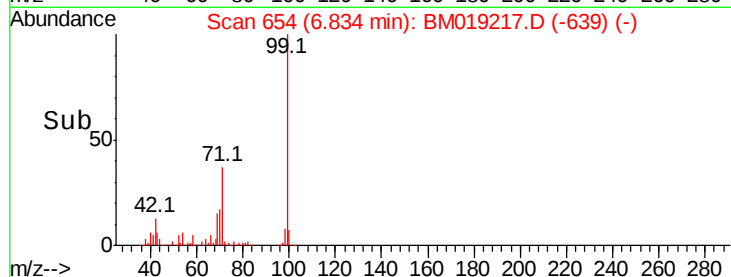
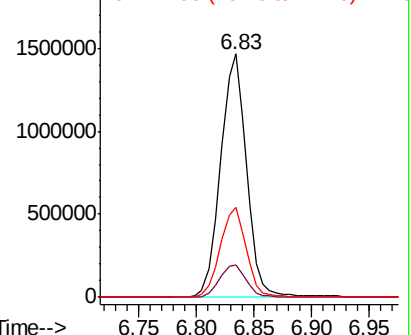
71 36.8 30.3 45.5



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

2000000 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: BM019217.D

Acq: 18 Mar 2019 16:03

Tgt Ion: 136 Resp: 780659

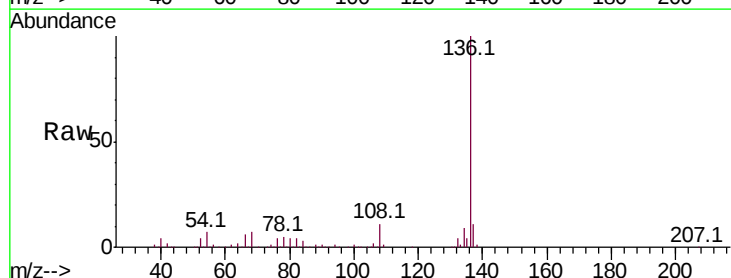
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 6.8 5.2 7.8

68 7.2 5.8 8.8

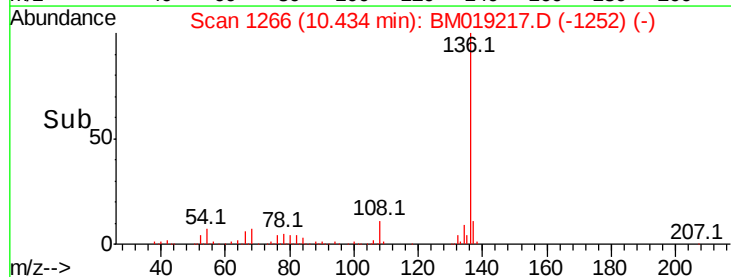
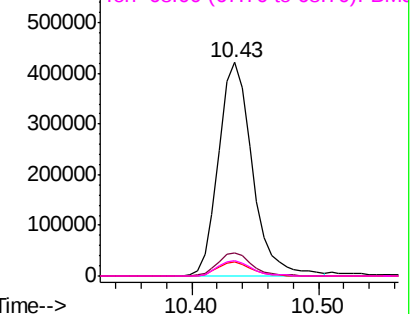


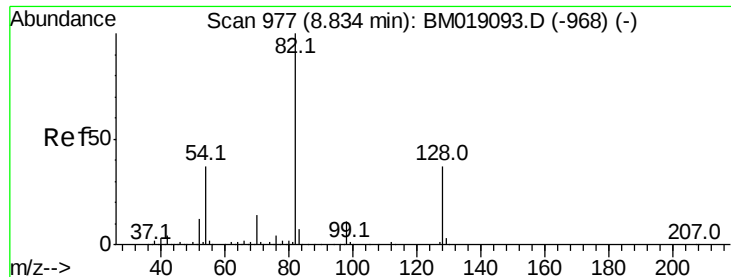
Abundance Ion 136.00 (135.70 to 136.70): BM019093.D (-1243) (-)

600000 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) (-)



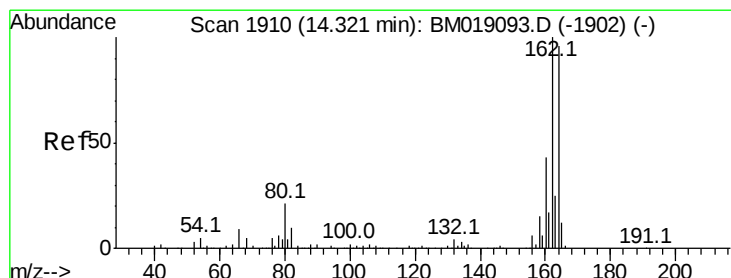
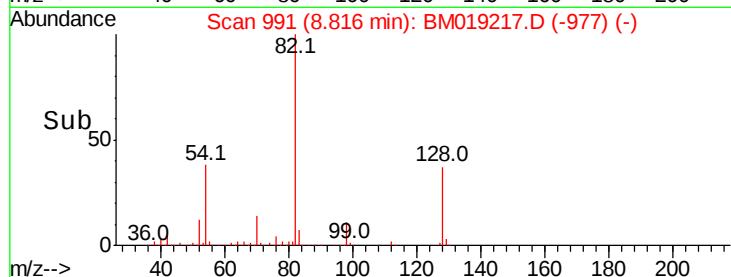
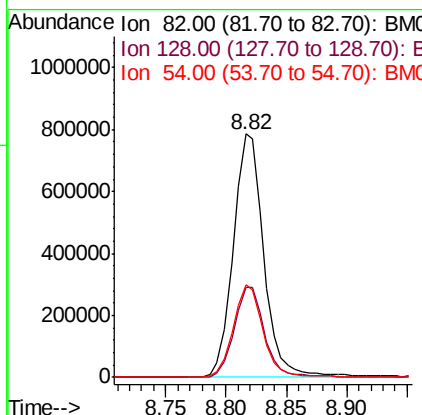
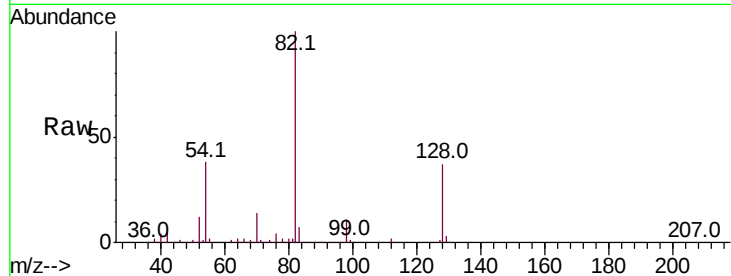


#23
 Nitrobenzene-d5
 Concen: 83.729 ng
 RT: 8.82 min Scan# 991
 Delta R.T. -0.02 min
 Lab File: BM019217.D
 Acq: 18 Mar 2019 16:03

Instrument :
 BNA_M
 ClientSampleId :
 PB118000BL

Tot Ion: 82 Resp: 1382771

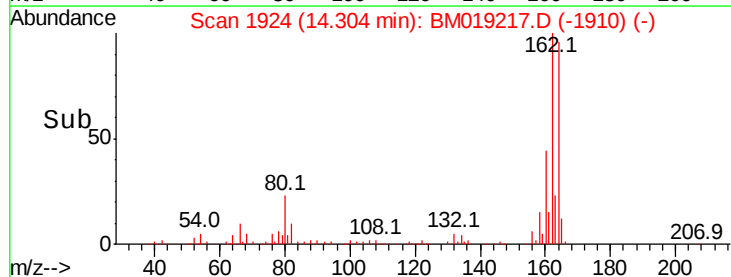
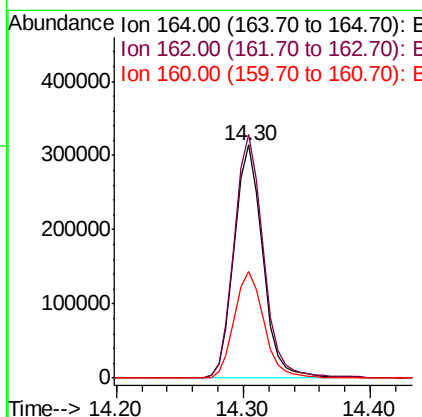
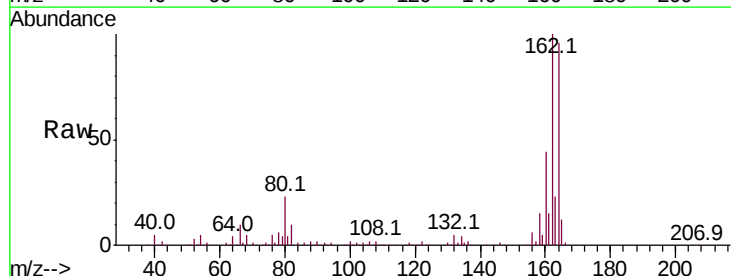
Ion	Ratio	Lower	Upper
82	100		
128	37.0	29.4	44.2
54	37.9	29.9	44.9

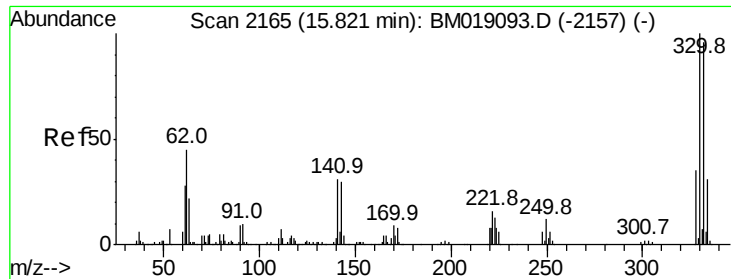


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.30 min Scan# 1924
 Delta R.T. -0.02 min
 Lab File: BM019217.D
 Acq: 18 Mar 2019 16:03

Tgt Ion: 164 Resp: 490563

Ion	Ratio	Lower	Upper
164	100		
162	104.4	83.5	125.3
160	45.8	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 122.266 ng

RT: 15.80 min Scan# 2179

Delta R.T. -0.02 min

Lab File: BM019217.D

Acq: 18 Mar 2019 16:03

Instrument :

BNA_M

ClientSampleId :

PB118000BL

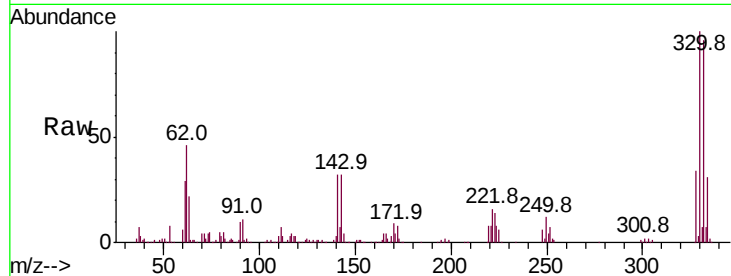
Tot Ion:330 Resp: 885575

Ion Ratio Lower Upper

330 100

332 95.9 76.8 115.2

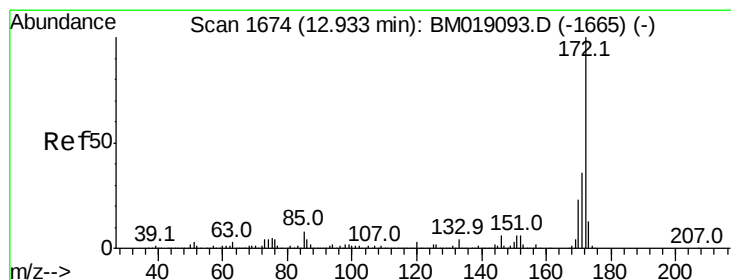
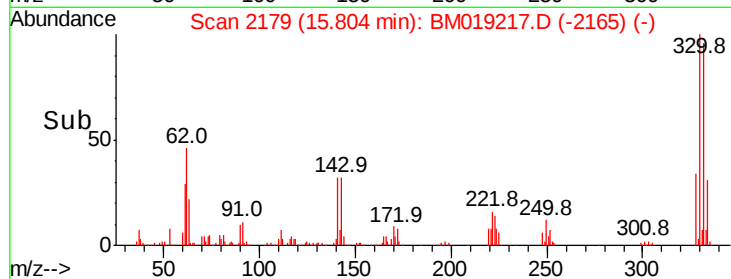
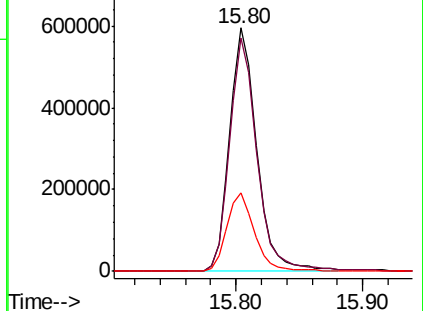
141 33.0 27.0 40.4



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: 84.033 ng

RT: 12.92 min Scan# 1688

Delta R.T. -0.02 min

Lab File: BM019217.D

Acq: 18 Mar 2019 16:03

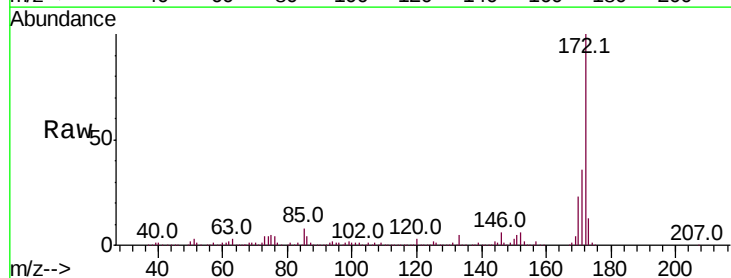
Tgt Ion:172 Resp: 3169177

Ion Ratio Lower Upper

172 100

171 35.9 28.6 42.8

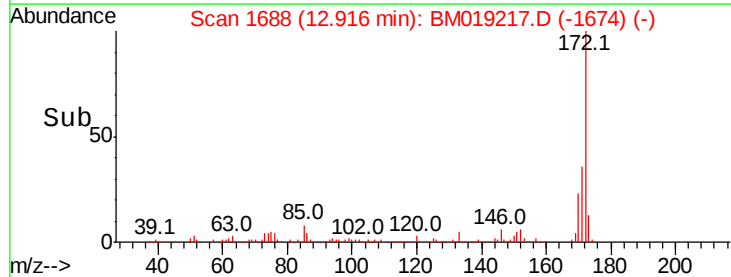
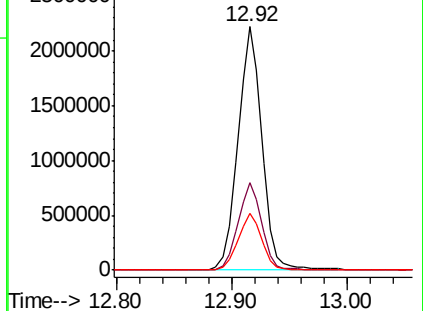
170 23.1 18.6 28.0

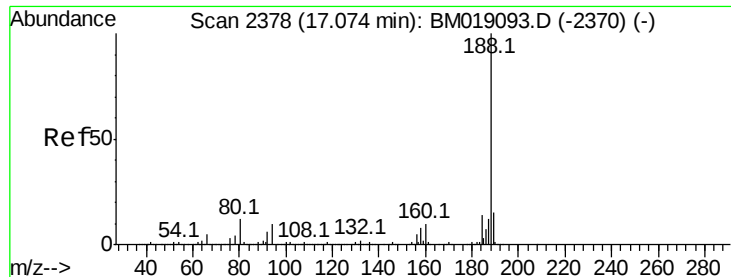


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

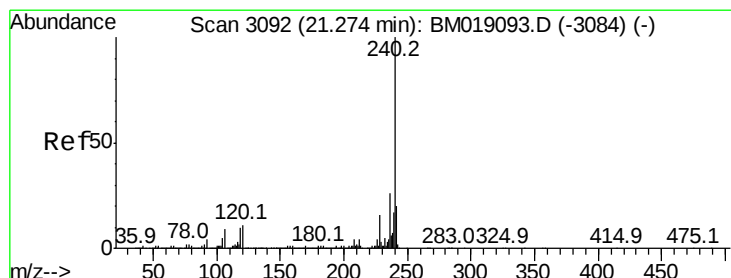
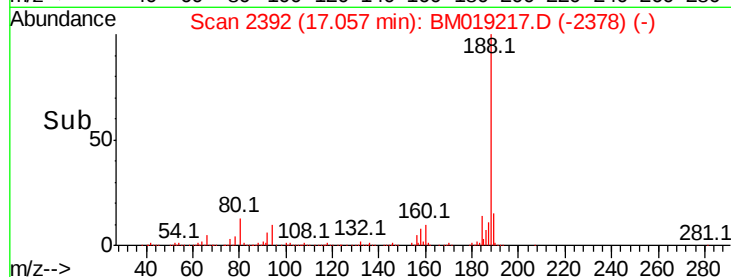
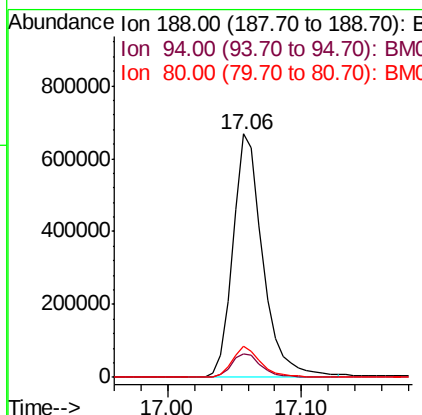
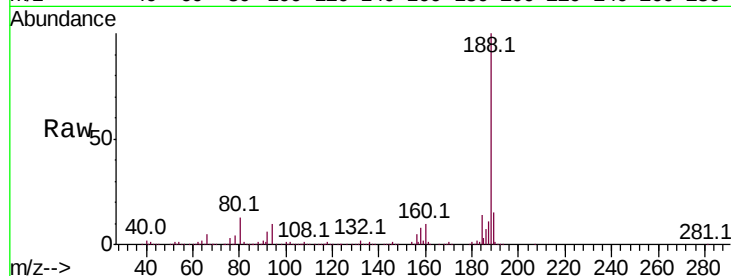




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2392
Delta R.T. -0.02 min
Lab File: BM019217.D
Acq: 18 Mar 2019 16:03

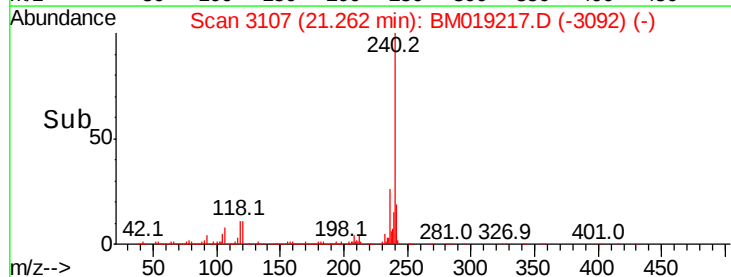
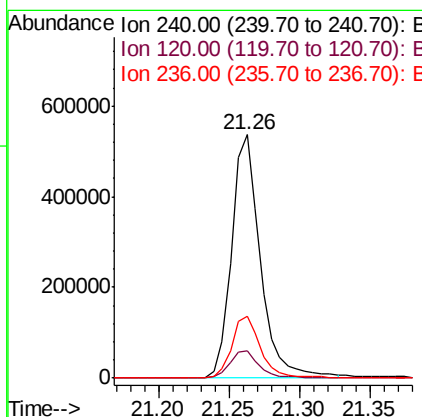
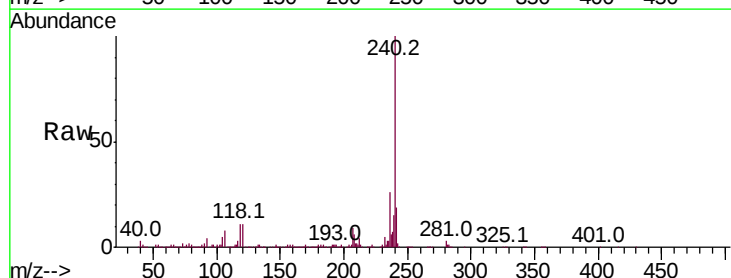
Instrument :
BNA_M
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PB118000BL

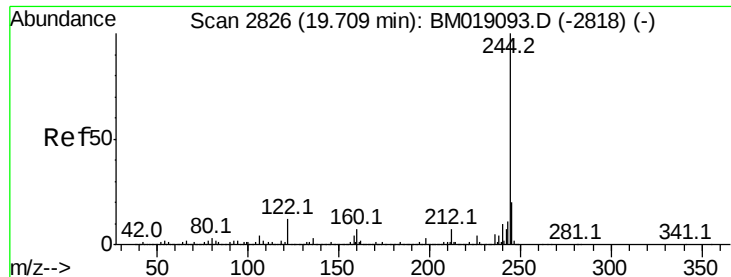
Tot Ion:188 Resp: 1043826
Ion Ratio Lower Upper
188 100
94 9.8 8.1 12.1
80 12.6 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.26 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BM019217.D
Acq: 18 Mar 2019 16:03

Tgt Ion:240 Resp: 763365
Ion Ratio Lower Upper
240 100
120 11.2 8.9 13.3
236 25.5 21.0 31.4

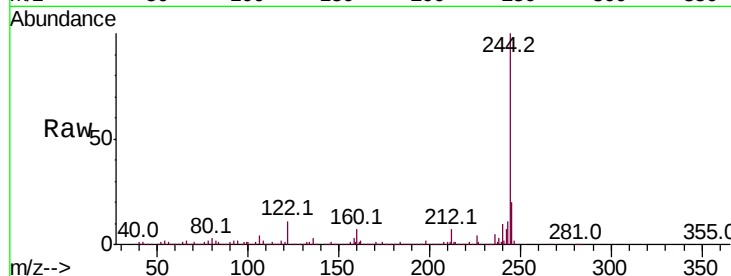




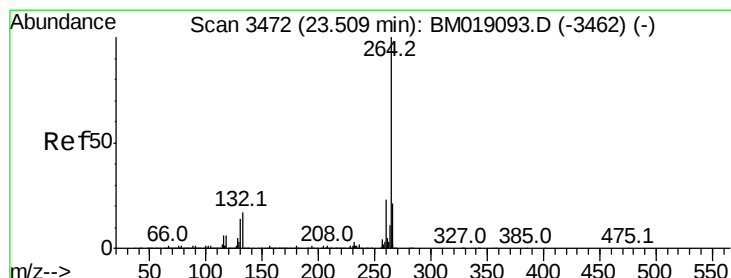
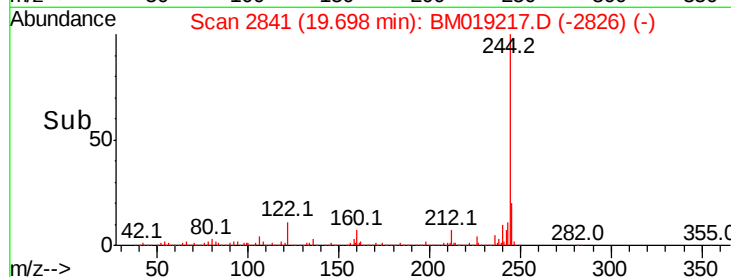
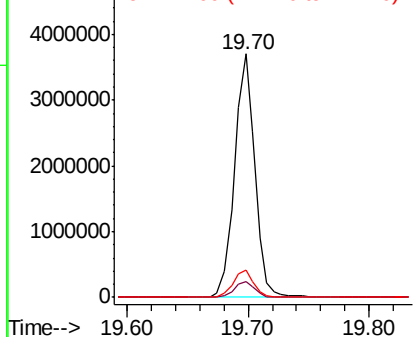
#79
 Terphenyl-d14
 Concen: 112.632 ng
 RT: 19.70 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BM019217.D
 Acq: 18 Mar 2019 16:03

Instrument :
 BNA_M
 ClientSampleId :
 PB118000BL

Tot Ion:244 Resp: 4330983
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 11.1 9.4 14.2

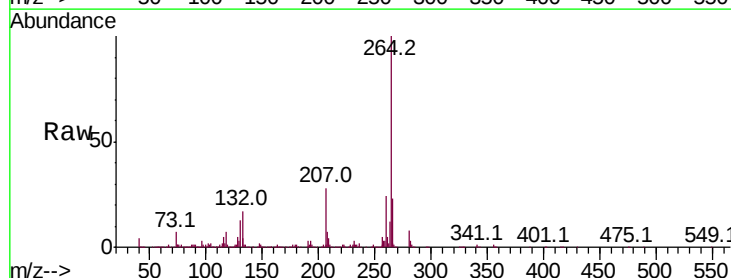


Abundance Ion 244.00 (243.70 to 244.70): E
 5000000 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.50 min Scan# 3487
 Delta R.T. -0.01 min
 Lab File: BM019217.D
 Acq: 18 Mar 2019 16:03

Tgt Ion:264 Resp: 735334
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.6 28.0
 265 22.7 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E
 400000 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

