

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031319\
 Data File : BM019153.D
 Acq On : 13 Mar 2019 19:29
 Operator : JU/SJ
 Sample : K1861-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF-09-031119

Quant Time: Mar 14 06:56:24 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

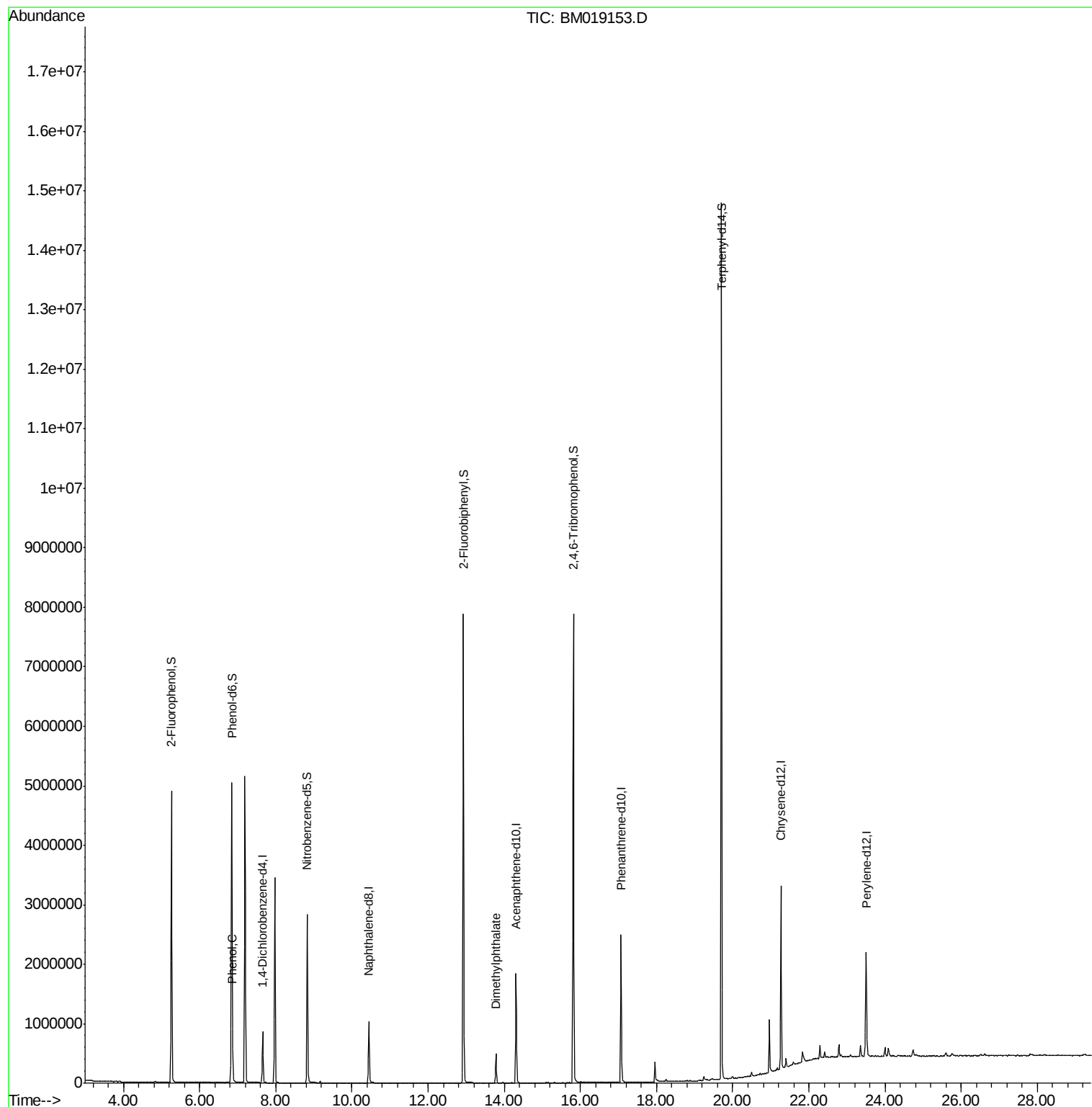
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	215926	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	893435	20.00	ng	0.00
39) Acenaphthene-d10	14.31	164	599260	20.00	ng	-0.01
64) Phenanthrene-d10	17.07	188	1437302	20.00	ng	0.00
76) Chrysene-d12	21.26	240	1421137	20.00	ng	-0.01
87) Perylene-d12	23.50	264	1255391	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	2005694	150.43	ng	0.00
7) Phenol-d6	6.85	99	2958710	151.71	ng	0.00
23) Nitrobenzene-d5	8.83	82	1788145	94.61	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	1471681	166.33	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	3841117	83.38	ng	0.00
79) Terphenyl-d14	19.70	244	6538341	91.34	ng	0.00
Target Compounds						
10) Phenol	6.87	94	196432	9.346	ng	99
50) Dimethylphthalate	13.78	163	340300	6.638	ng	98

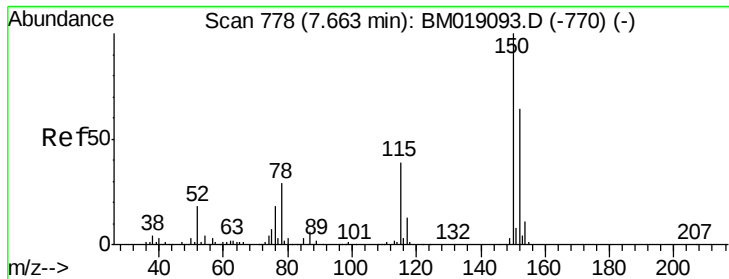
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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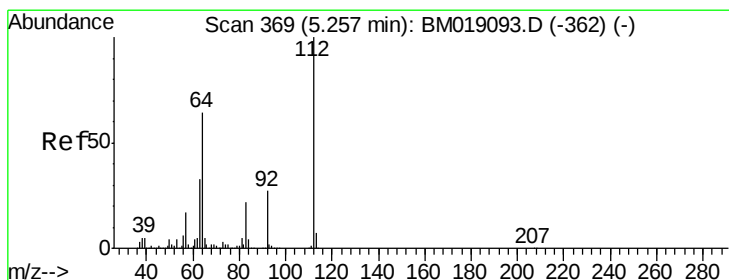
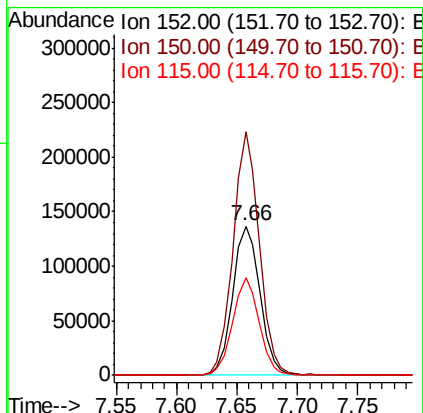
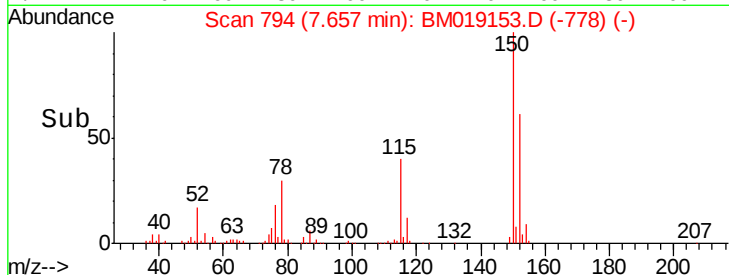
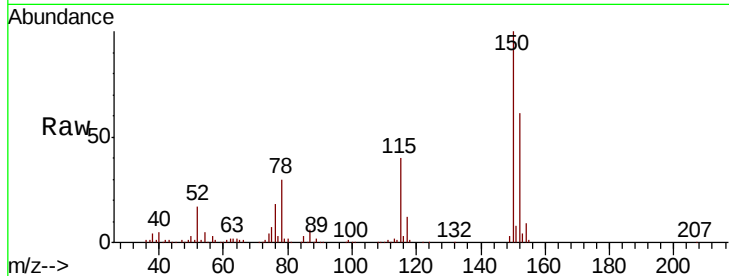


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 794
Delta R.T. -0.01 min
Lab File: BM019153.D
Acq: 13 Mar 2019 19:29

Instrument :
BNA_M
ClientSampleId :
BF-09-031119

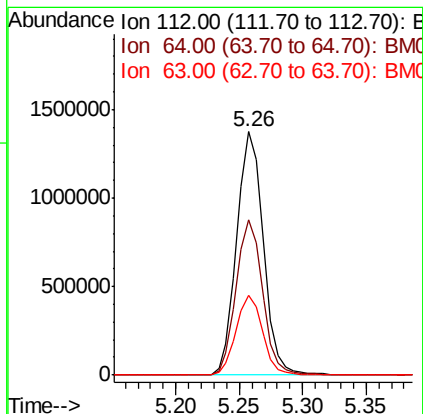
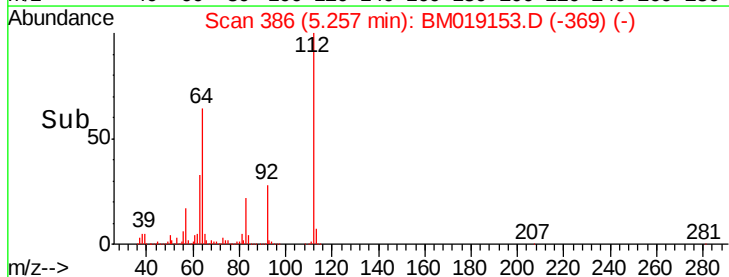
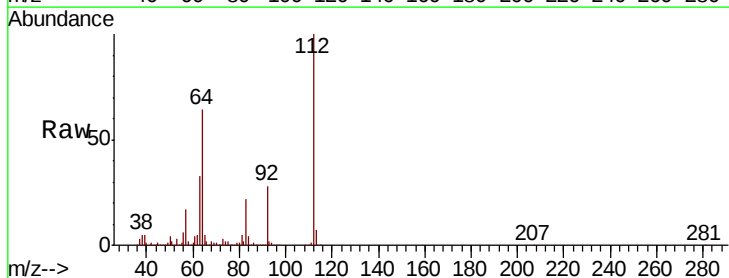
Tot Ion	Ratio	Lower	Upper
152	100		
150	162.9	125.3	187.9
115	65.0	49.4	74.0

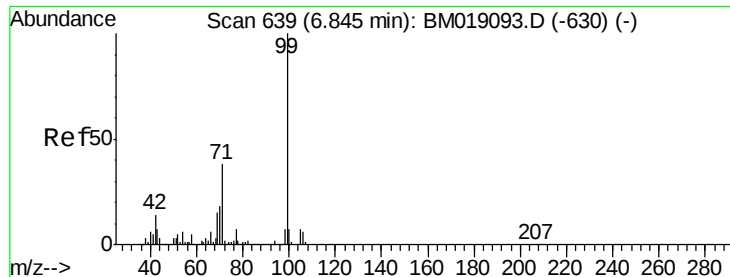


#5

2-Fluorophenol
Concen: 150.430 ng
RT: 5.26 min Scan# 386
Delta R.T. -0.00 min
Lab File: BM019153.D
Acq: 13 Mar 2019 19:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.6	51.4	77.0
63	32.6	26.6	40.0





#7

Phenol-d6

Concen: 151.710 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.00 min

Lab File: BM019153.D

Acq: 13 Mar 2019 19:29

Instrument :

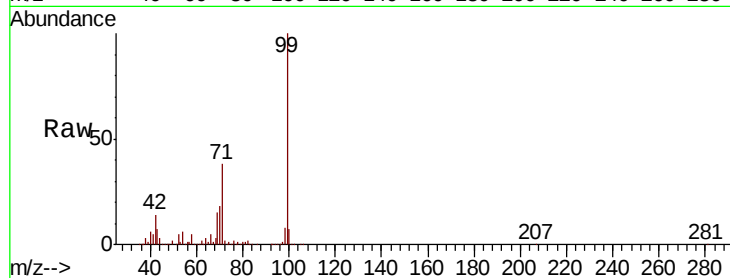
BNA_M

ClientSampleId :

BF-09-031119

Tot Ion: 99 Resp: 2958710

Ion	Ratio	Lower	Upper
99	100		
42	13.7	10.9	16.3
71	37.9	30.3	45.5

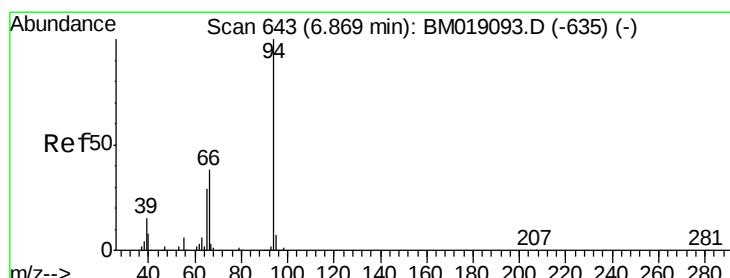
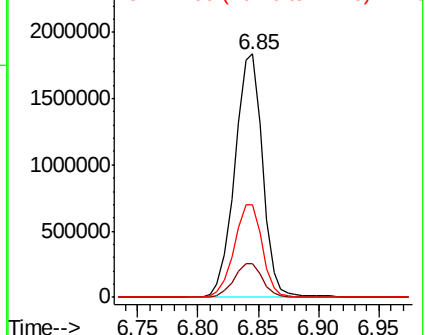
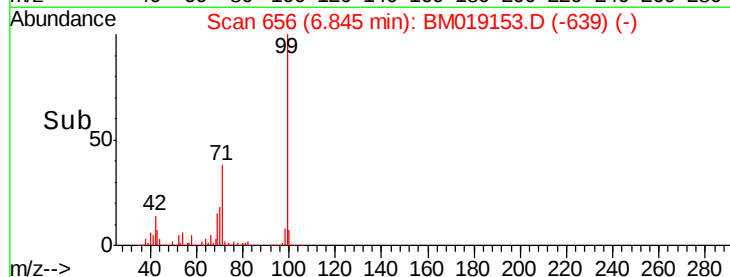


Abundance

Ion 99.00 (98.70 to 99.70): BM019153.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM019153.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM019153.D (-639) (-)



#10

Phenol

Concen: 9.346 ng

RT: 6.87 min Scan# 660

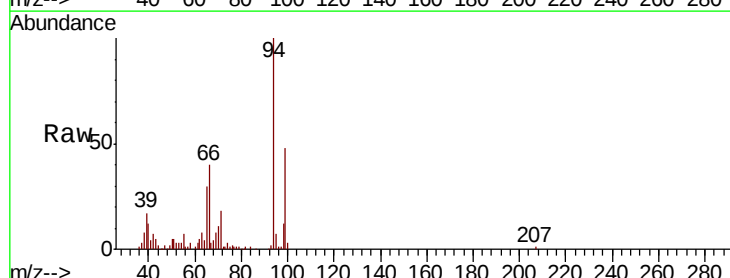
Delta R.T. -0.00 min

Lab File: BM019153.D

Acq: 13 Mar 2019 19:29

Tgt Ion: 94 Resp: 196432

Ion	Ratio	Lower	Upper
94	100		
65	29.7	9.7	49.7
66	40.4	19.2	59.2

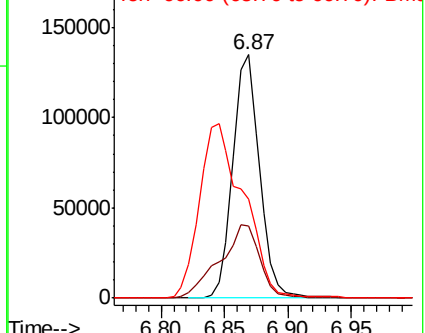
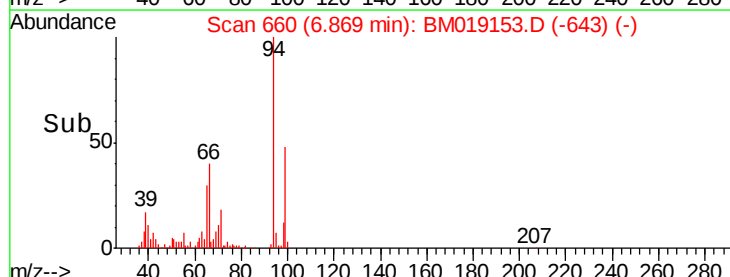


Abundance

Ion 94.00 (93.70 to 94.70): BM019153.D (-643) (-)

Ion 65.00 (64.70 to 65.70): BM019153.D (-643) (-)

Ion 66.00 (65.70 to 66.70): BM019153.D (-643) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.45 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BM019153.D

Acq: 13 Mar 2019 19:29

Instrument :

BNA_M

ClientSampleId :

BF-09-031119

Tot Ion:136 Resp: 893435

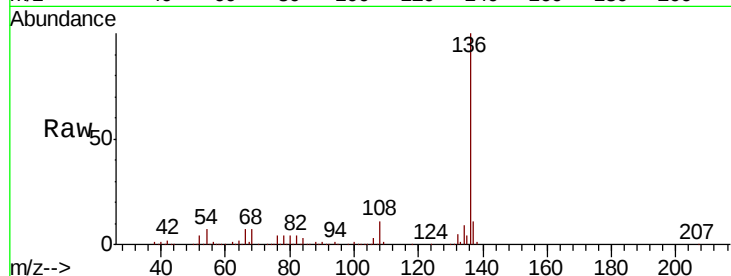
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 6.8 5.2 7.8

68 6.9 5.8 8.8

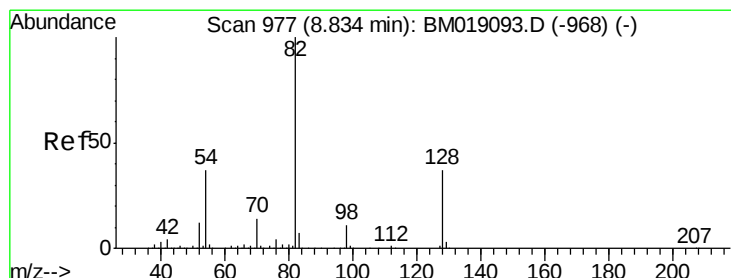
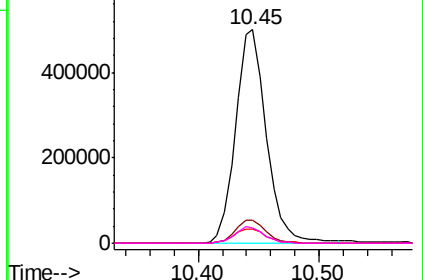
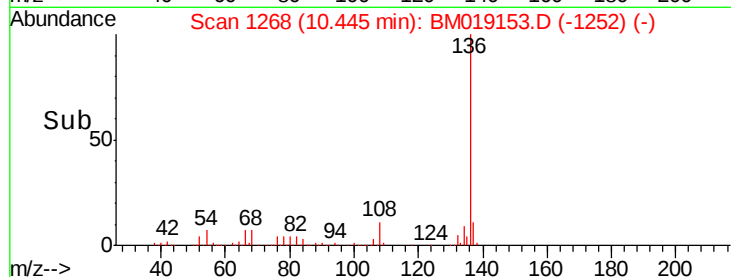


Abundance Ion 136.00 (135.70 to 136.70): E

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: 94.608 ng

RT: 8.83 min Scan# 993

Delta R.T. -0.01 min

Lab File: BM019153.D

Acq: 13 Mar 2019 19:29

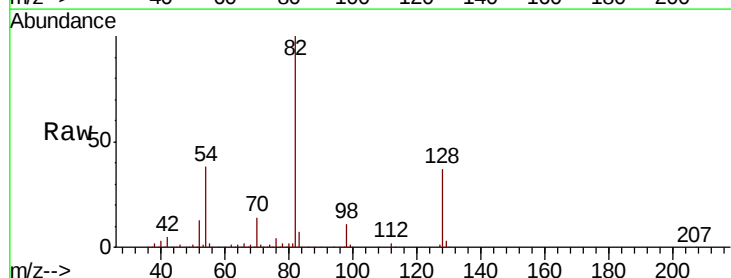
Tgt Ion: 82 Resp: 1788145

Ion Ratio Lower Upper

82 100

128 37.4 29.4 44.2

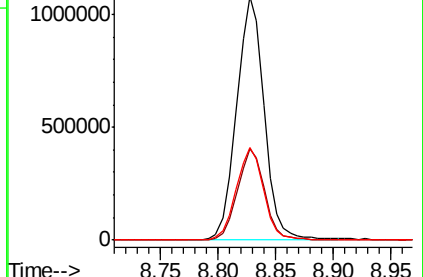
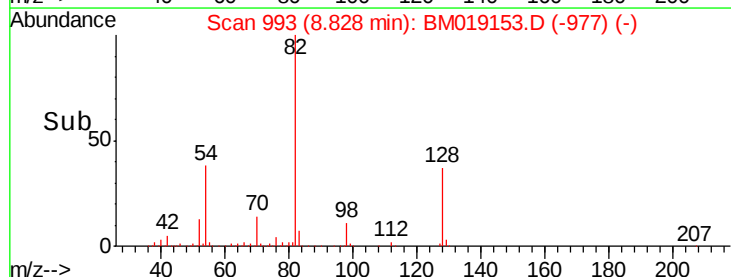
54 38.0 29.9 44.9

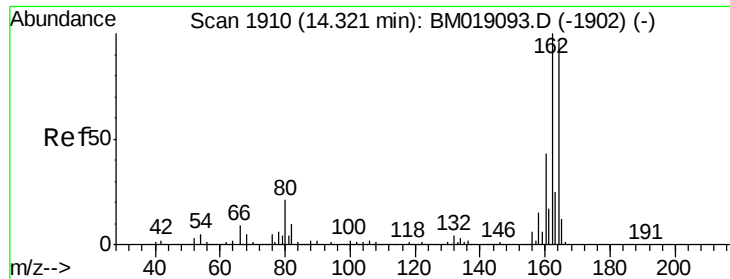


Abundance Ion 82.00 (81.70 to 82.70): BM

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: 14.31 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BM019153.D

Acq: 13 Mar 2019 19:29

Instrument :

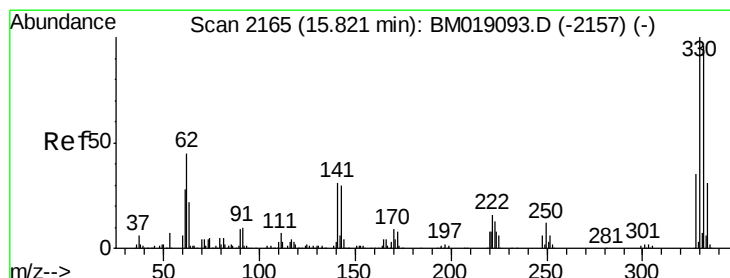
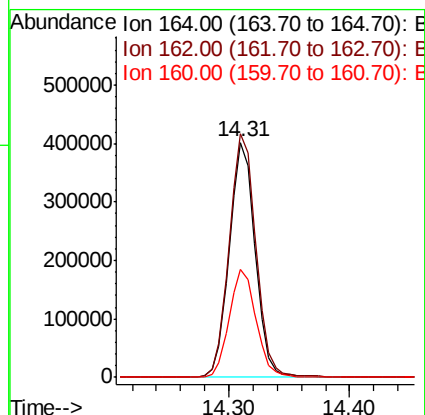
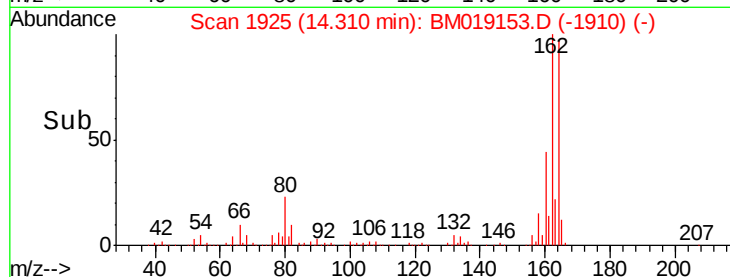
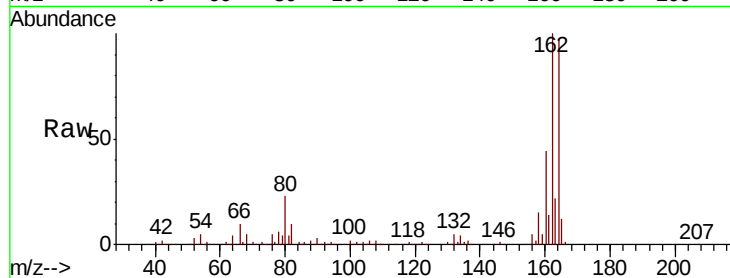
BNA_M

ClientSampleId :

BF-09-031119

Tot Ion:164 Resp: 599260

Ion	Ratio	Lower	Upper
164	100		
162	103.5	83.5	125.3
160	45.7	36.3	54.5



#42

2,4,6-Tribromophenol

Concen: 166.332 ng

RT: 15.82 min Scan# 2181

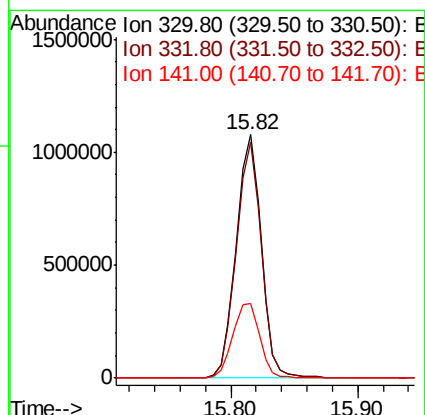
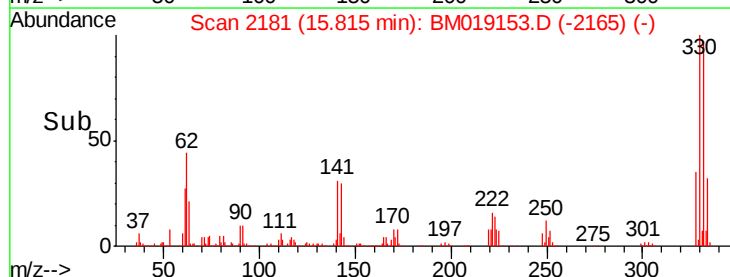
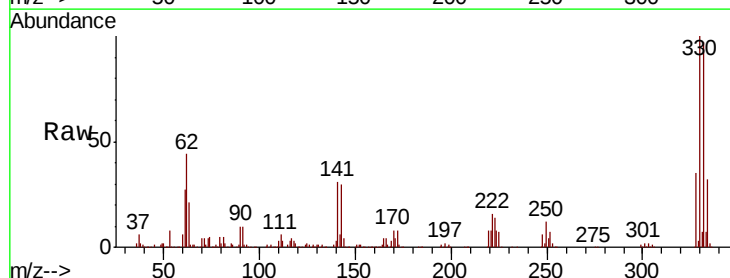
Delta R.T. -0.01 min

Lab File: BM019153.D

Acq: 13 Mar 2019 19:29

Tgt Ion:330 Resp: 1471681

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.8	115.2
141	33.0	27.0	40.4

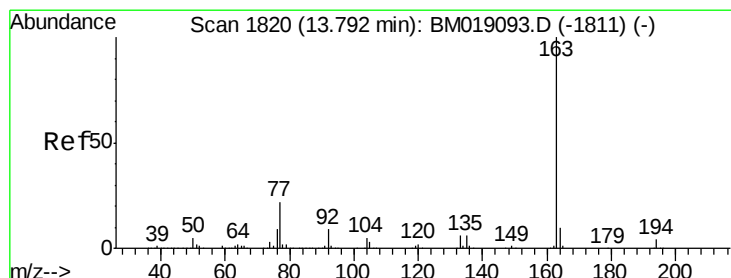
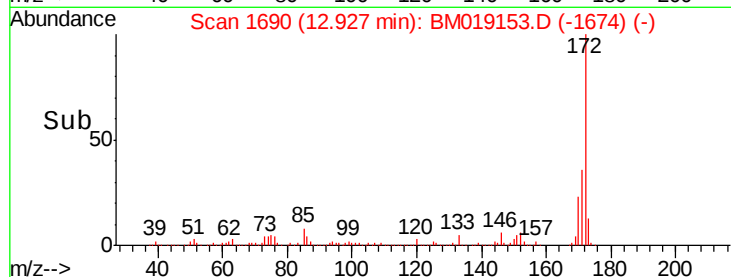
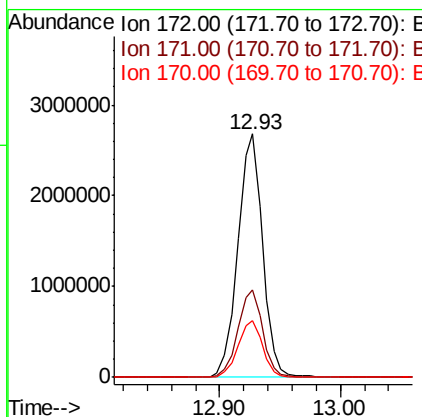
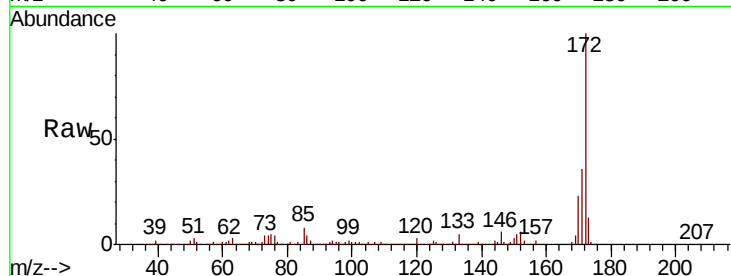




#45
2-Fluorobiphenyl
Concen: 83.376 ng
RT: 12.93 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BM019153.D
Acq: 13 Mar 2019 19:29

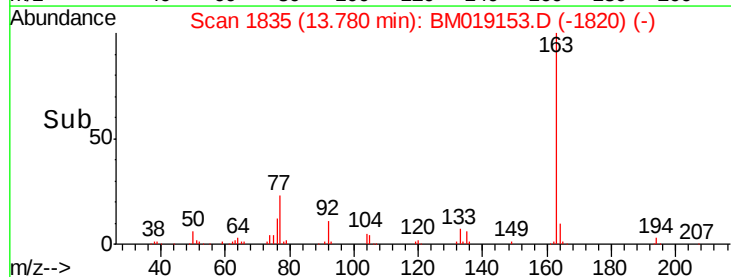
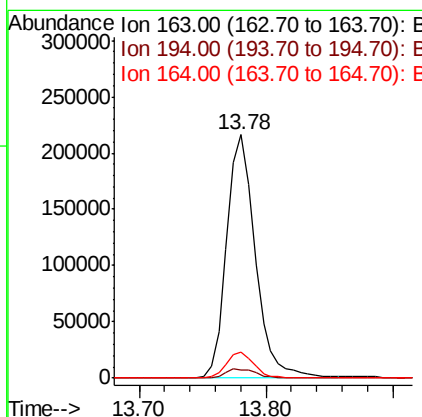
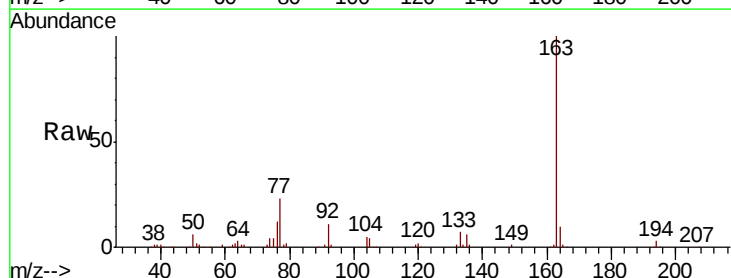
Instrument :
BNA_M
ClientSampleId :
BF-09-031119

Tot Ion:172 Resp: 3841117
Ion Ratio Lower Upper
172 100
171 36.1 28.6 42.8
170 23.4 18.6 28.0



#50
Dimethylphthalate
Concen: 6.638 ng
RT: 13.78 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BM019153.D
Acq: 13 Mar 2019 19:29

Tgt Ion:163 Resp: 340300
Ion Ratio Lower Upper
163 100
194 3.5 3.3 4.9
164 10.5 7.7 11.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BM019153.D

Acq: 13 Mar 2019 19:29

Instrument :

BNA_M

ClientSampleId :

BF-09-031119

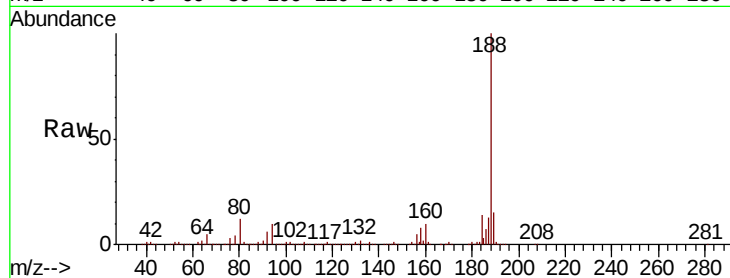
Tot Ion:188 Resp: 1437302

Ion Ratio Lower Upper

188 100

94 9.8 8.1 12.1

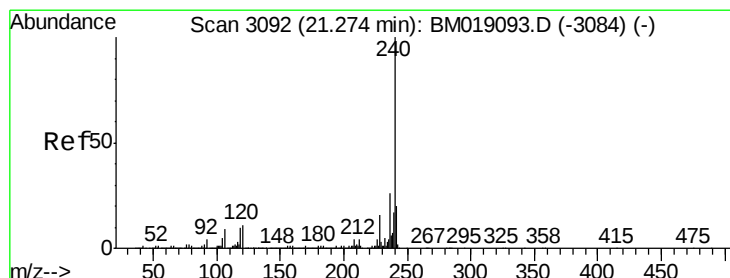
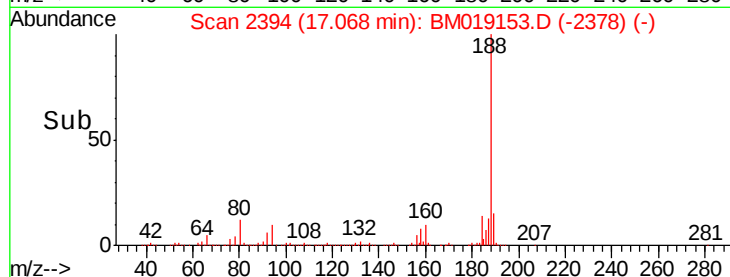
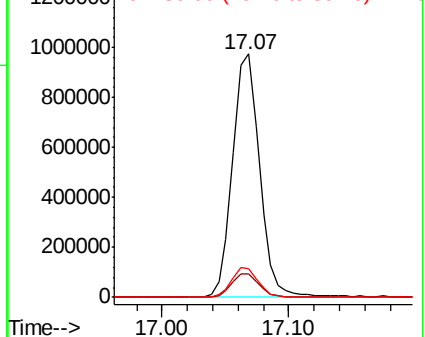
80 11.9 9.7 14.5



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: 21.26 min Scan# 3107

Delta R.T. -0.01 min

Lab File: BM019153.D

Acq: 13 Mar 2019 19:29

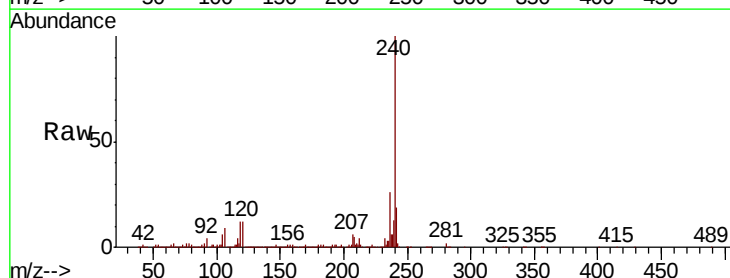
Tgt Ion:240 Resp: 1421137

Ion Ratio Lower Upper

240 100

120 12.0 8.9 13.3

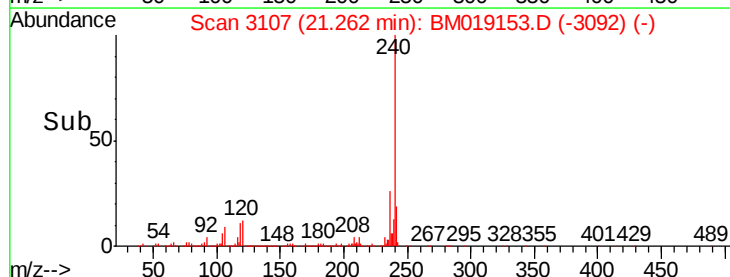
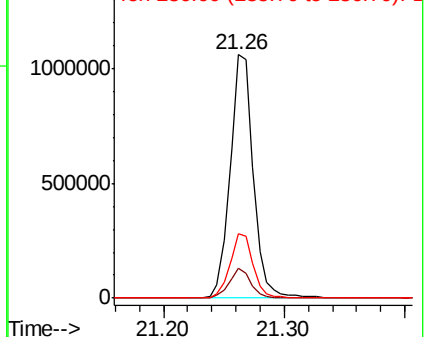
236 26.3 21.0 31.4



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: 91.336 ng

RT: 19.70 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BM019153.D

Acq: 13 Mar 2019 19:29

Instrument :

BNA_M

ClientSampleId :

BF-09-031119

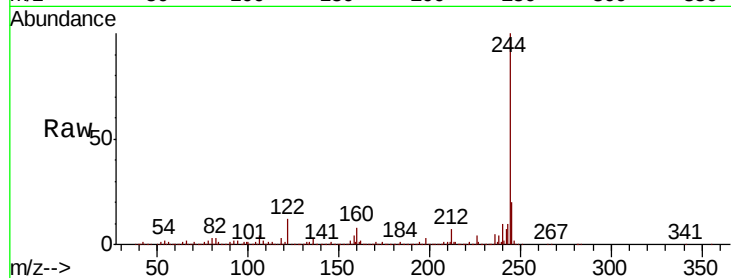
Tot Ion:244 Resp: 6538341

Ion Ratio Lower Upper

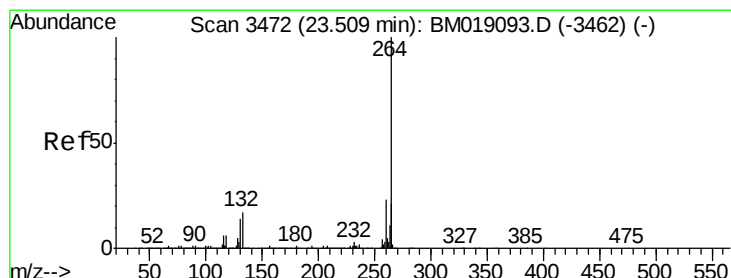
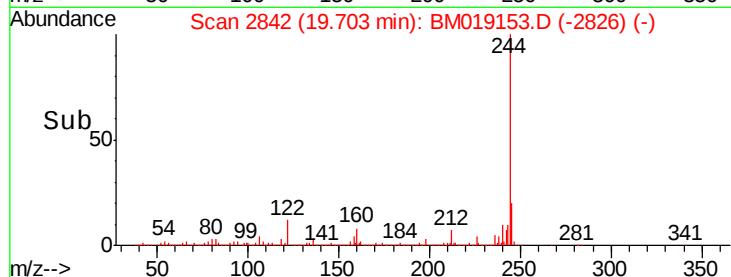
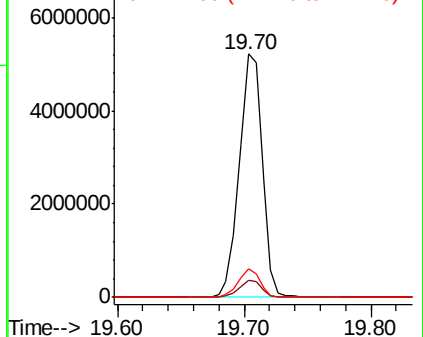
244 100

212 7.1 5.4 8.2

122 12.0 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: BM019153.D

Acq: 13 Mar 2019 19:29

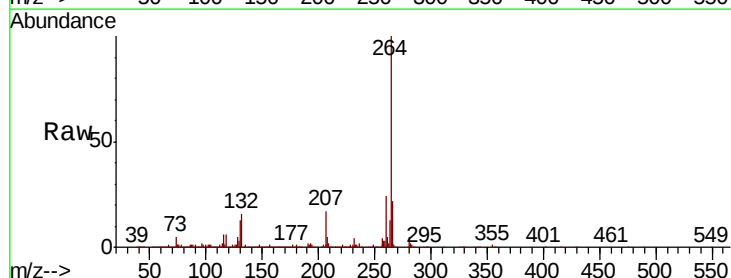
Tgt Ion:264 Resp: 1255391

Ion Ratio Lower Upper

264 100

260 23.7 18.6 28.0

265 21.7 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

