

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030519\
 Data File : BM019056.D
 Acq On : 06 Mar 2019 04:16
 Operator : JU/SJ
 Sample : K1704-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PST-028-SW004-022719

Quant Time: Mar 06 06:45:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 05 03:36:13 2019
 Response via : Initial Calibration

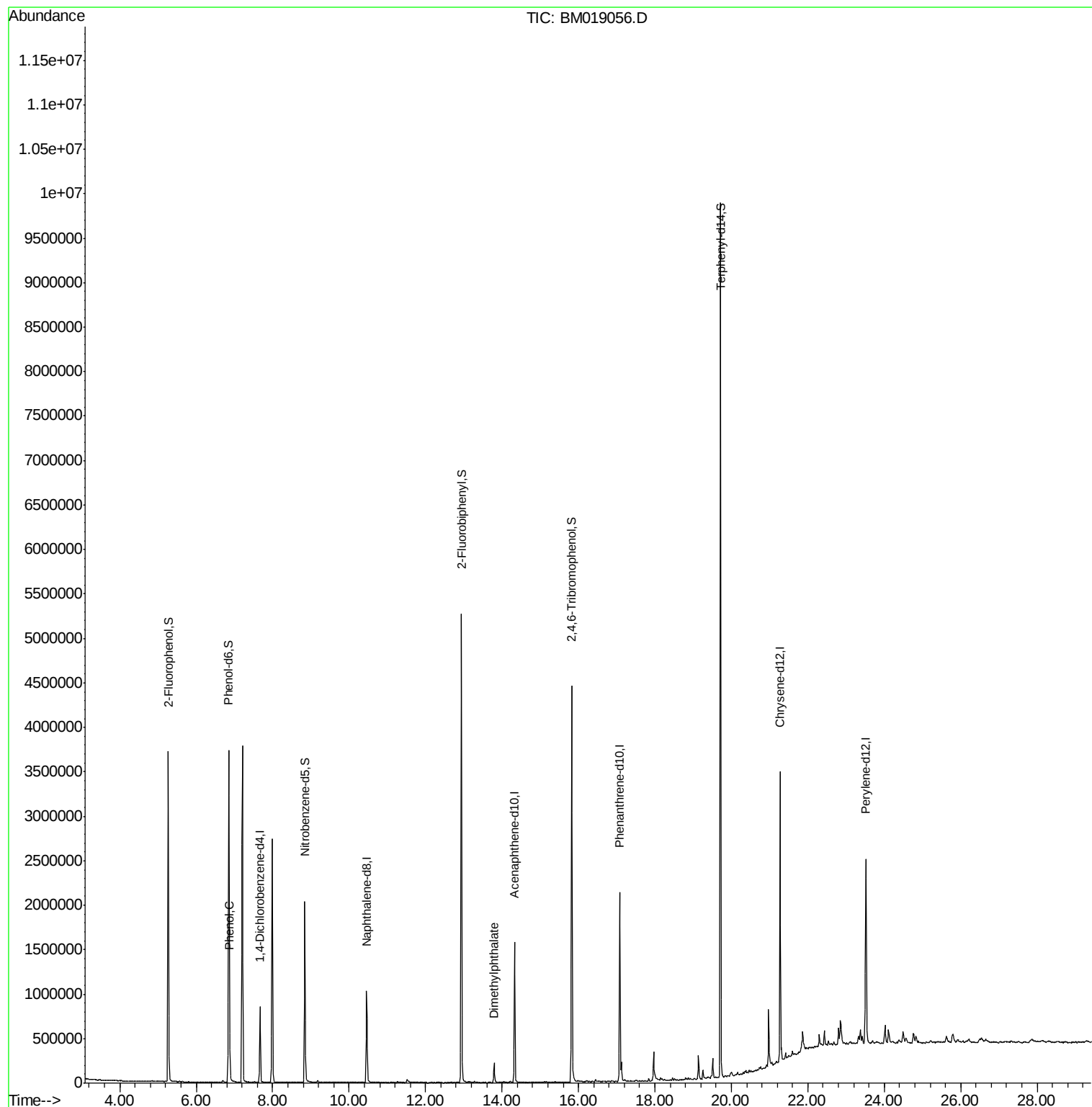
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	221068	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	870340	20.00	ng	-0.01
39) Acenaphthene-d10	14.33	164	492810	20.00	ng	0.00
64) Phenanthrene-d10	17.08	188	1167455	20.00	ng	0.00
76) Chrysene-d12	21.27	240	1377393	20.00	ng	-0.01
87) Perylene-d12	23.52	264	1412212	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1534304	113.72	ng	0.00
7) Phenol-d6	6.85	99	2132735	112.21	ng	0.00
23) Nitrobenzene-d5	8.84	82	1327651	70.53	ng	-0.01
42) 2,4,6-Tribromophenol	15.83	330	848757	119.48	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	2537025	68.34	ng	-0.01
79) Terphenyl-d14	19.72	244	4271620	63.98	ng	-0.01
Target Compounds						
10) Phenol	6.87	94	145014	7.251	ng	95
50) Dimethylphthalate	13.79	163	149542	3.641	ng	99

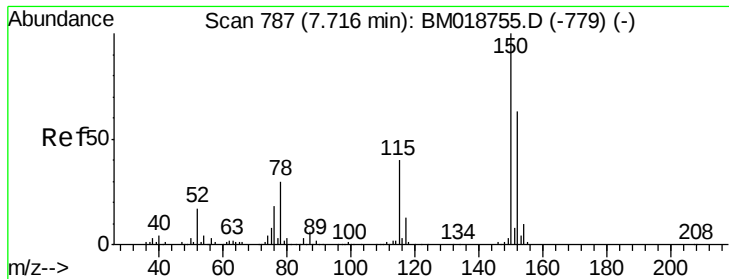
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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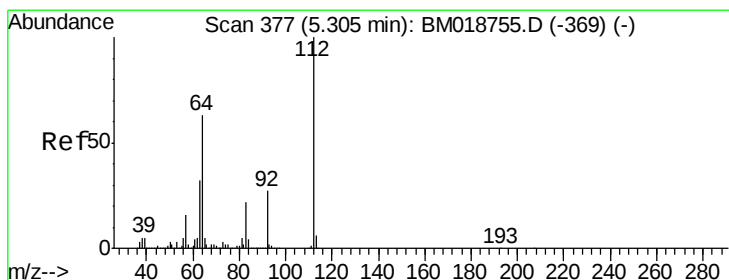
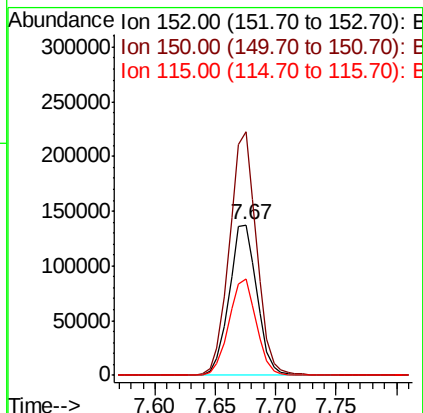
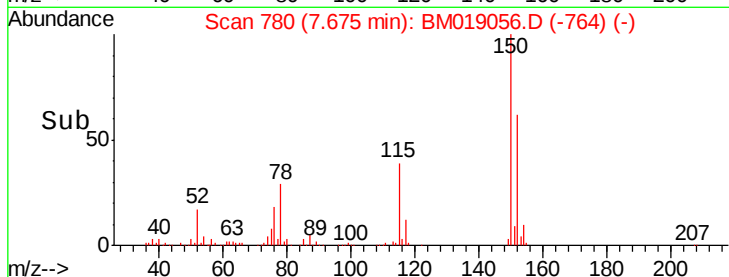
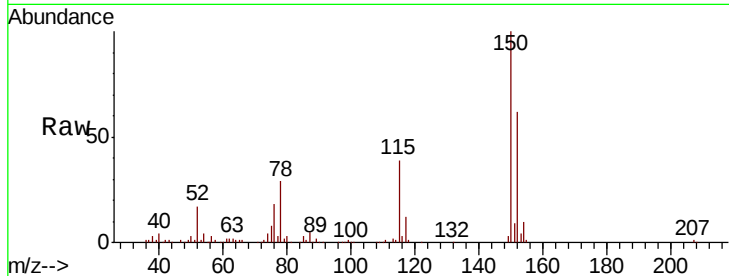


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BM019056.D
Acq: 06 Mar 2019 04:16

Instrument :
BNA_M
ClientSampleId :
PST-028-SW004-022719

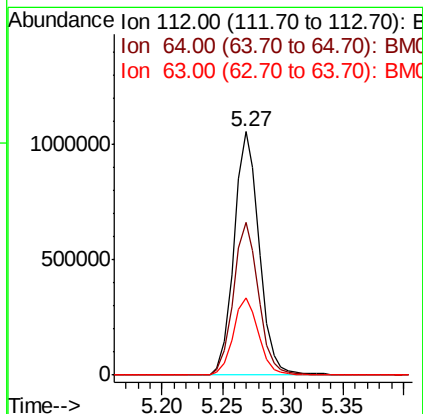
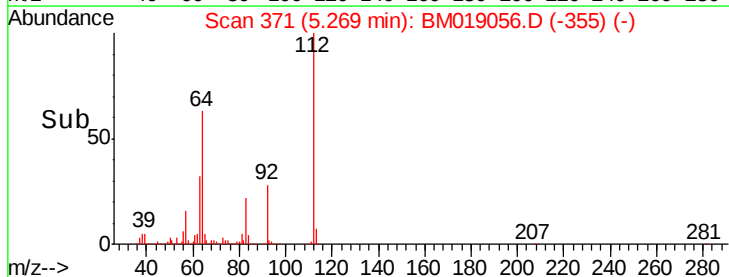
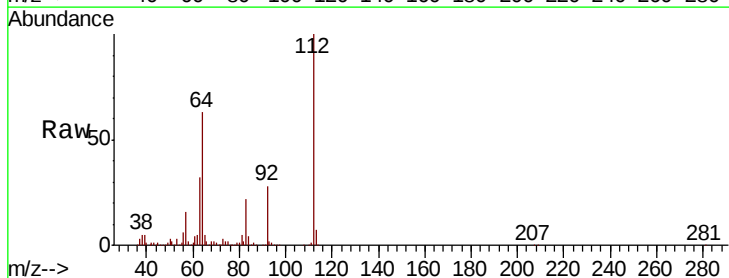
Tot Ion:152 Resp: 221068
Ion Ratio Lower Upper
152 100
150 161.5 127.3 190.9
115 63.6 50.8 76.2

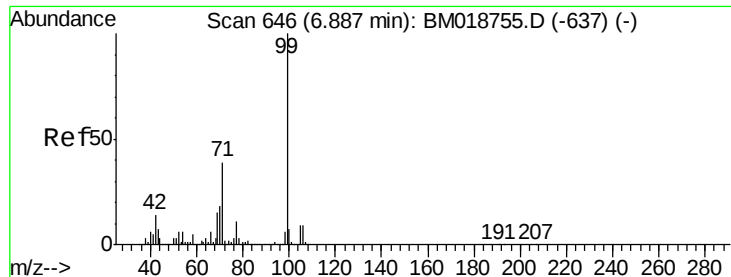


#5

2-Fluorophenol
Concen: 113.717 ng
RT: 5.27 min Scan# 371
Delta R.T. -0.01 min
Lab File: BM019056.D
Acq: 06 Mar 2019 04:16

Tgt Ion:112 Resp: 1534304
Ion Ratio Lower Upper
112 100
64 62.6 50.6 75.8
63 31.8 25.7 38.5





#7

Phenol-d6

Concen: 112.206 ng

RT: 6.85 min Scan# 640

Delta R.T. -0.01 min

Lab File: BM019056.D

Acq: 06 Mar 2019 04:16

Instrument :

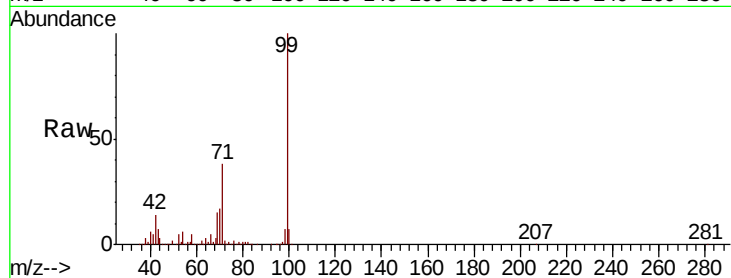
BNA_M

ClientSampleId :

PST-028-SW004-022719

Tot Ion: 99 Resp: 2132735

Ion	Ratio	Lower	Upper
99	100		
42	14.0	11.0	16.6
71	38.1	31.3	46.9

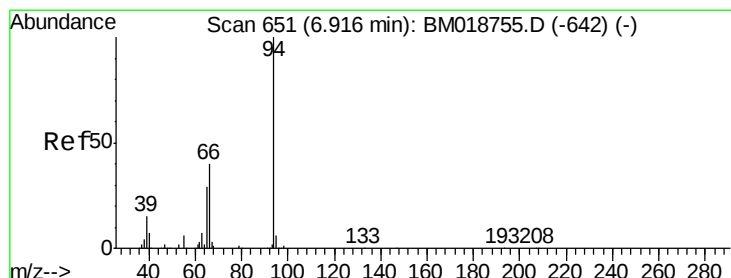
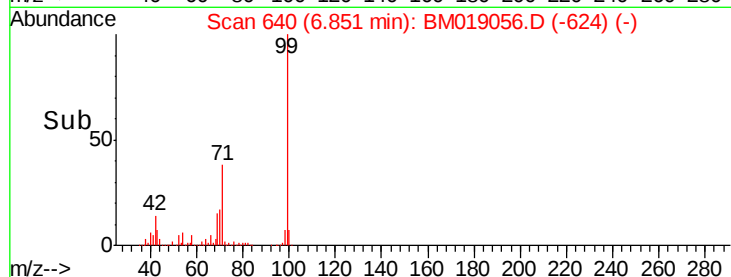
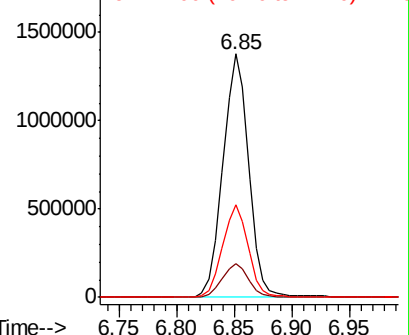


Abundance

Ion 99.00 (98.70 to 99.70): BM018755.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018755.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018755.D (-637) (-)



#10

Phenol

Concen: 7.251 ng

RT: 6.87 min Scan# 644

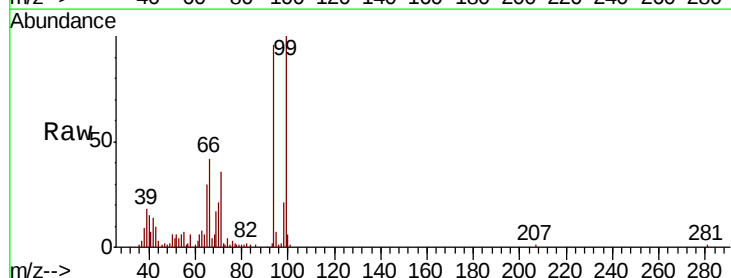
Delta R.T. -0.01 min

Lab File: BM019056.D

Acq: 06 Mar 2019 04:16

Tgt Ion: 94 Resp: 145014

Ion	Ratio	Lower	Upper
94	100		
65	31.4	9.6	49.6
66	44.2	20.4	60.4

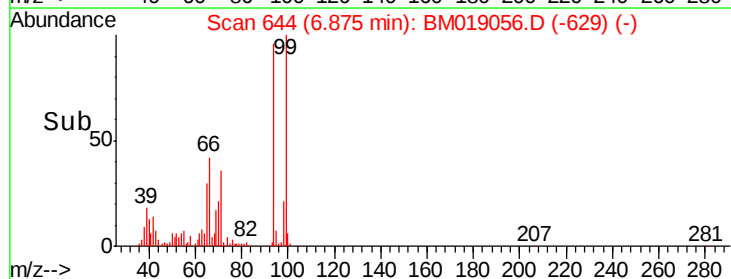
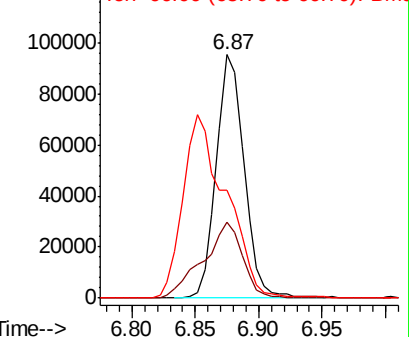


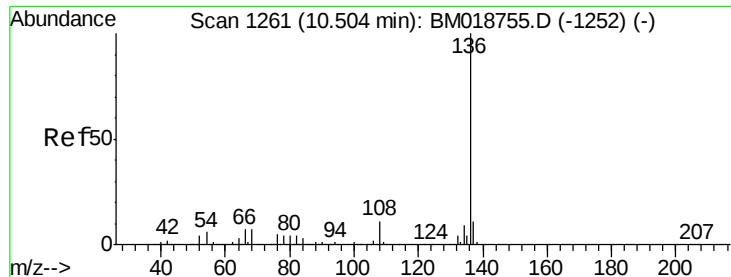
Abundance

Ion 94.00 (93.70 to 94.70): BM018755.D (-642) (-)

Ion 65.00 (64.70 to 65.70): BM018755.D (-642) (-)

Ion 66.00 (65.70 to 66.70): BM018755.D (-642) (-)

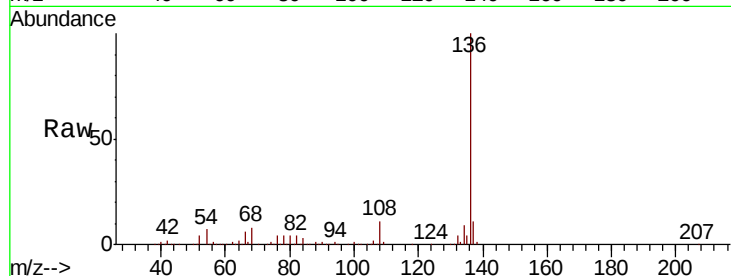




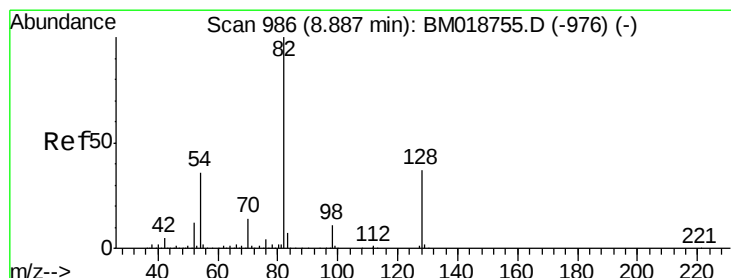
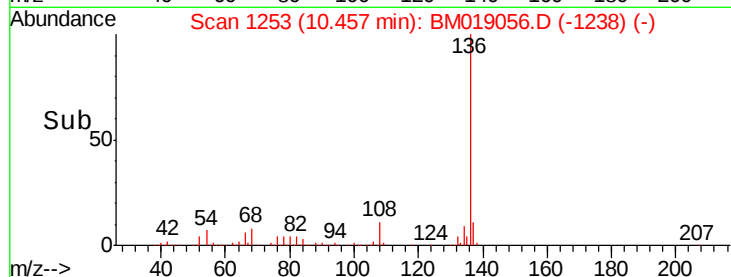
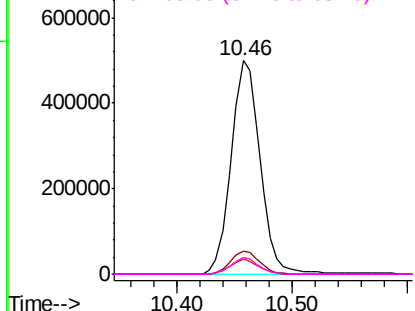
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BM019056.D
Acq: 06 Mar 2019 04:16

Instrument :
BNA_M
ClientSampleId :
PST-028-SW004-022719

Tot Ion:136	Resp:	870340
Ion Ratio	Lower	Upper
136 100		
137 10.8	8.8	13.2
54 7.0	5.0	7.6
68 7.5	5.5	8.3

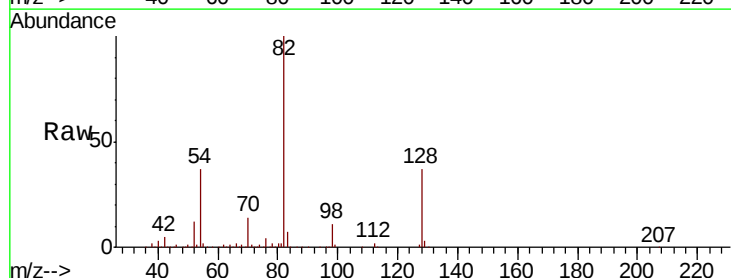


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

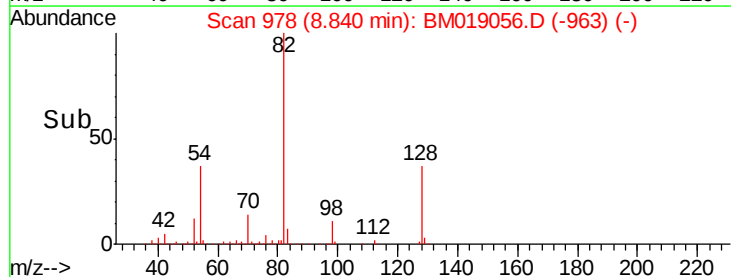
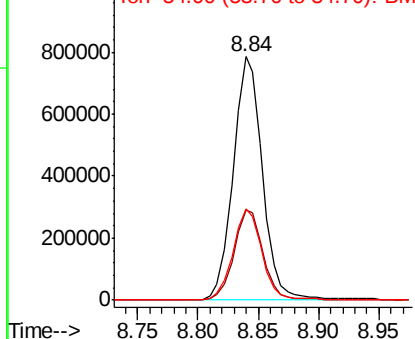


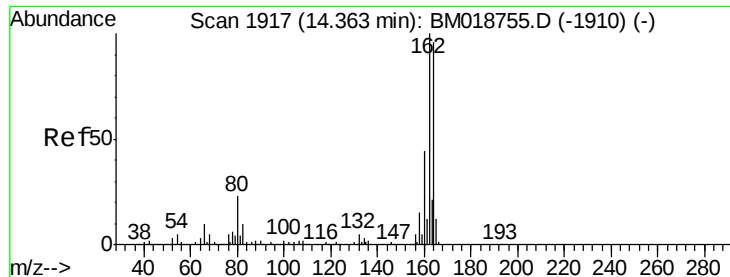
#23
Nitrobenzene-d5
Concen: 70.534 ng
RT: 8.84 min Scan# 978
Delta R.T. -0.01 min
Lab File: BM019056.D
Acq: 06 Mar 2019 04:16

Tgt Ion: 82	Resp: 1327651
Ion Ratio	Lower Upper
82 100	
128 36.8	29.9 44.9
54 37.3	29.1 43.7



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: 14.33 min Scan# 1911

Delta R.T. -0.01 min

Lab File: BM019056.D

Acq: 06 Mar 2019 04:16

Instrument :

BNA_M

ClientSampleId :

PST-028-SW004-022719

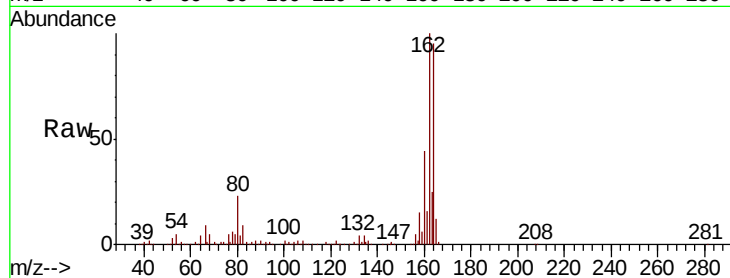
Tot Ion:164 Resp: 492810

Ion Ratio Lower Upper

164 100

162 105.0 83.4 125.0

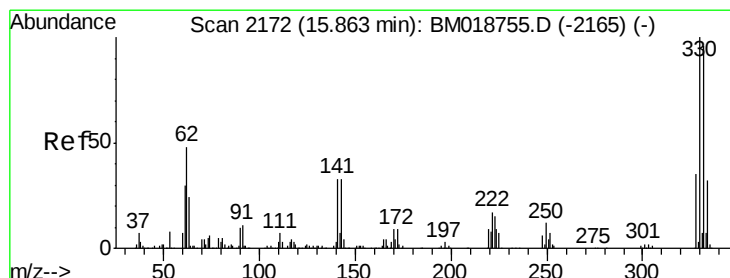
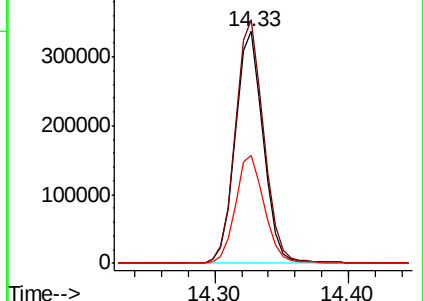
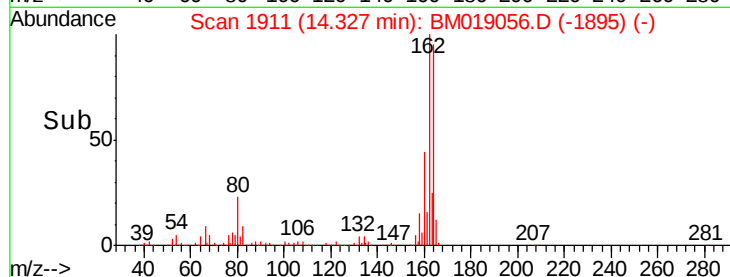
160 46.5 36.6 55.0



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: 119.481 ng

RT: 15.83 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BM019056.D

Acq: 06 Mar 2019 04:16

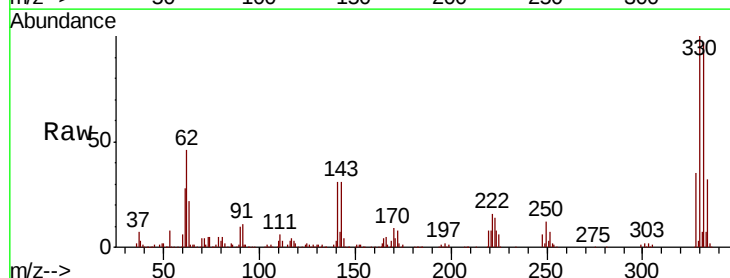
Tgt Ion:330 Resp: 848757

Ion Ratio Lower Upper

330 100

332 97.1 76.9 115.3

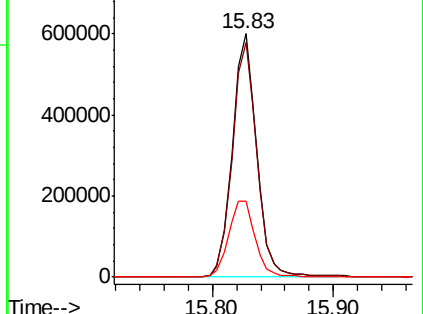
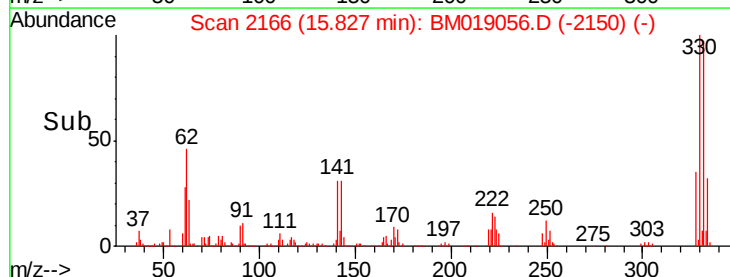
141 34.1 28.7 43.1



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

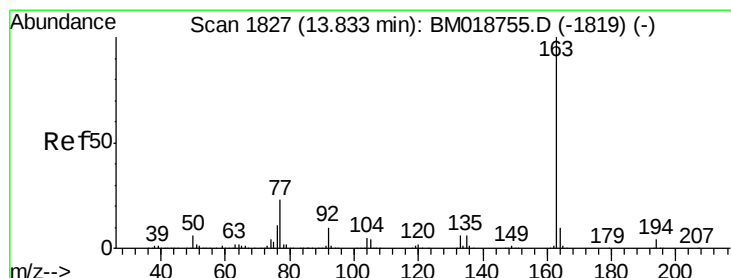
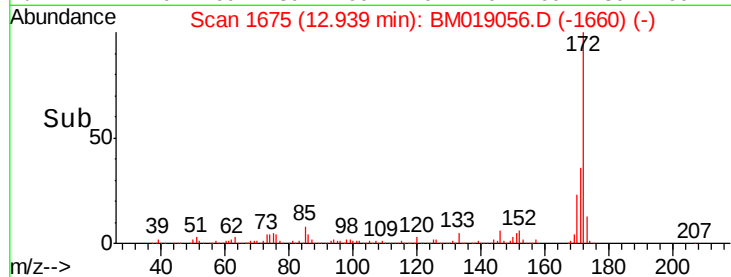
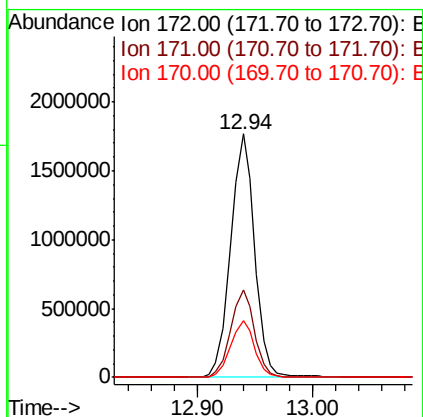
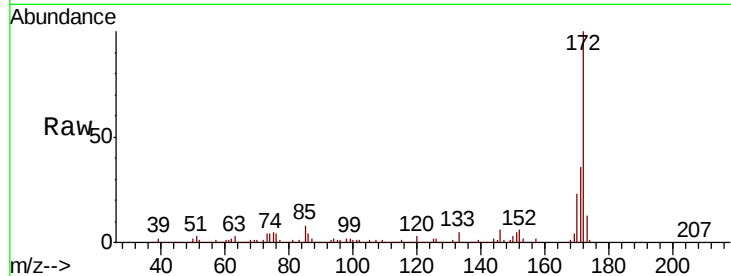




#45
2-Fluorobiphenyl
Concen: 68.339 ng
RT: 12.94 min Scan# 1675
Delta R.T. -0.01 min
Lab File: BM019056.D
Acq: 06 Mar 2019 04:16

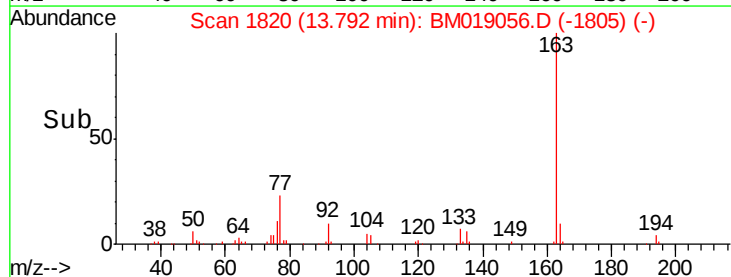
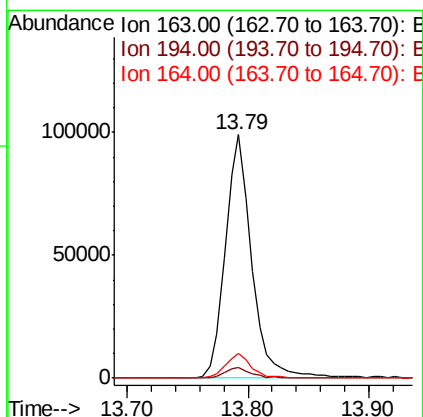
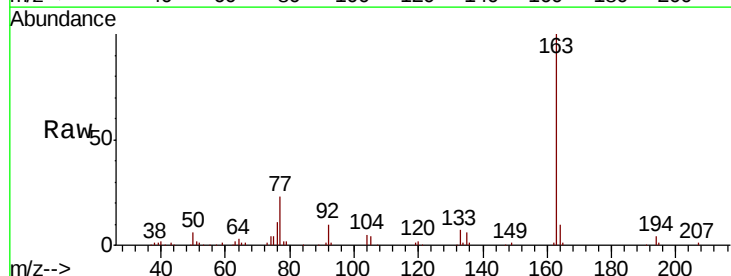
Instrument :
BNA_M
ClientSampleId :
PST-028-SW004-022719

Tot Ion:172 Resp: 2537025
Ion Ratio Lower Upper
172 100
171 36.1 29.0 43.6
170 23.3 18.6 28.0



#50
Dimethylphthalate
Concen: 3.641 ng
RT: 13.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BM019056.D
Acq: 06 Mar 2019 04:16

Tgt Ion:163 Resp: 149542
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.1 7.8 11.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.08 min Scan# 2379

Delta R.T. -0.01 min

Lab File: BM019056.D

Acq: 06 Mar 2019 04:16

Instrument :

BNA_M

ClientSampleId :

PST-028-SW004-022719

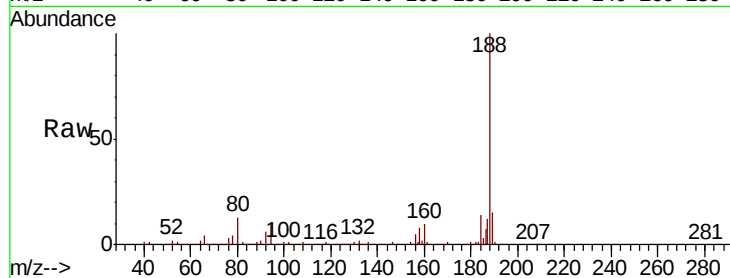
Tot Ion:188 Resp: 1167455

Ion Ratio Lower Upper

188 100

94 10.3 8.2 12.2

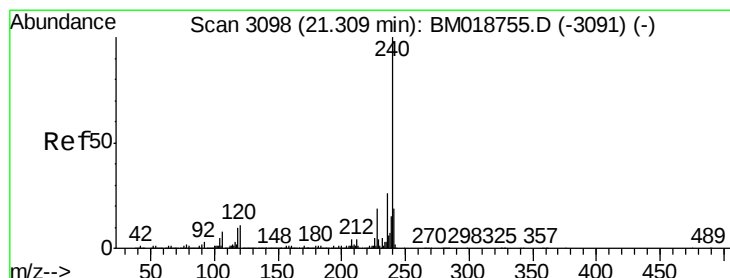
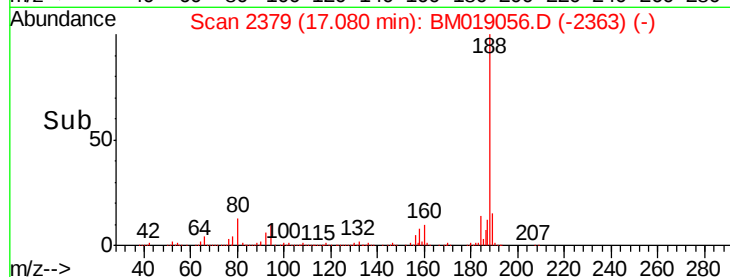
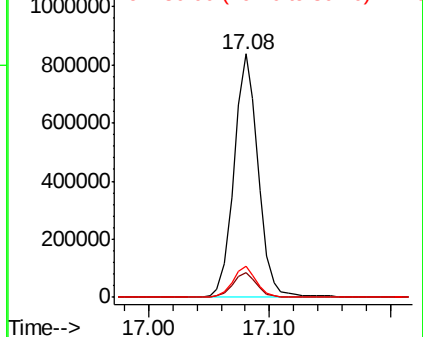
80 12.6 9.7 14.5



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# 3092

Delta R.T. -0.01 min

Lab File: BM019056.D

Acq: 06 Mar 2019 04:16

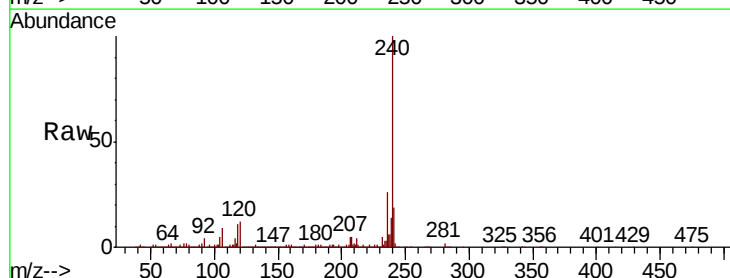
Tgt Ion:240 Resp: 1377393

Ion Ratio Lower Upper

240 100

120 11.8 8.9 13.3

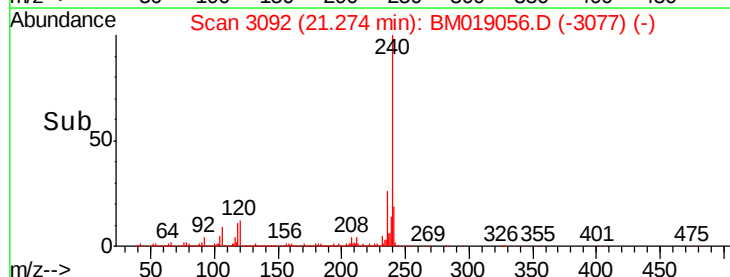
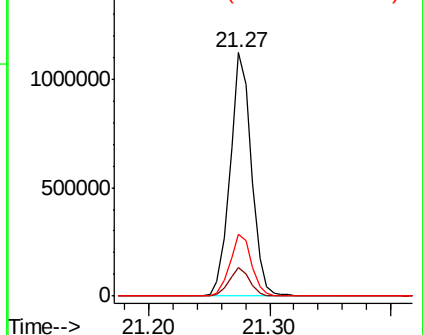
236 25.6 20.9 31.3

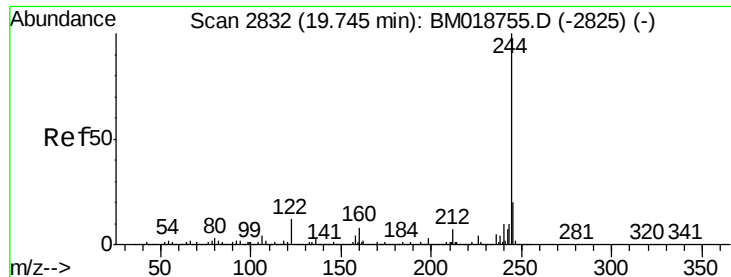


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 63.975 ng

RT: 19.72 min Scan# 2827

Delta R.T. -0.01 min

Lab File: BM019056.D

Acq: 06 Mar 2019 04:16

Instrument :

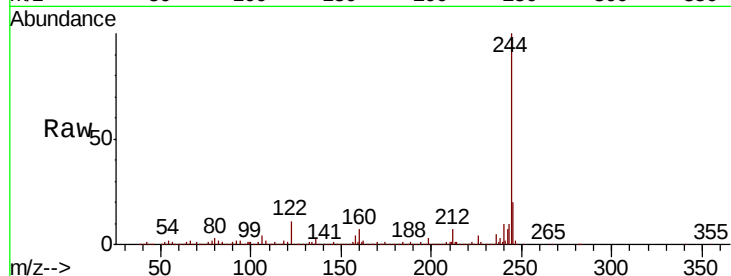
BNA_M

ClientSampleId :

PST-028-SW004-022719

Tot Ion:244 Resp: 4271620

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	11.3	9.3	13.9

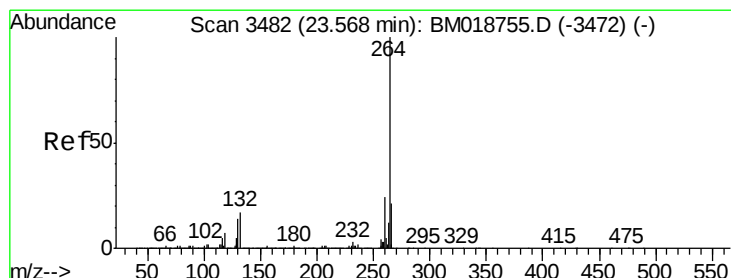
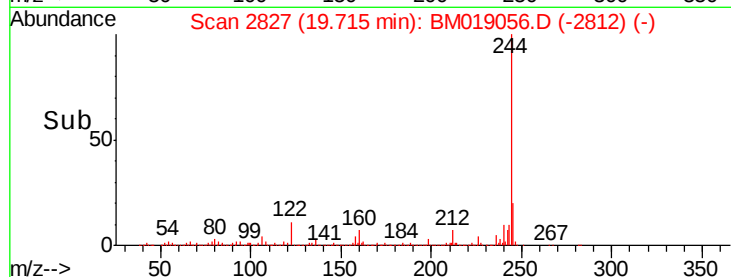
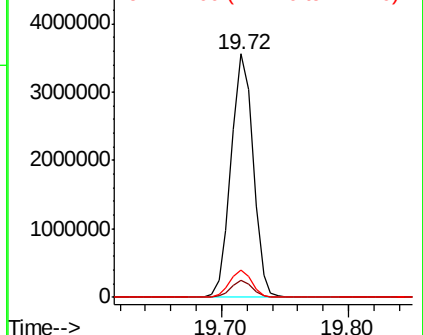


Abundance

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: 23.52 min Scan# 3474

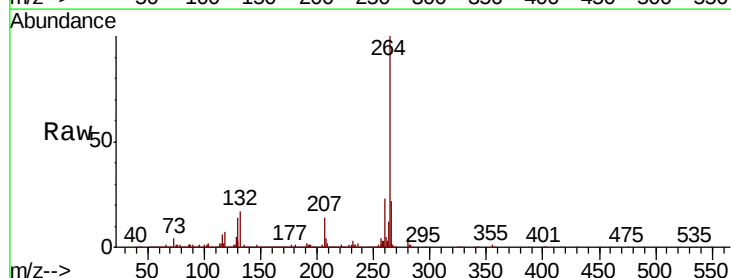
Delta R.T. -0.01 min

Lab File: BM019056.D

Acq: 06 Mar 2019 04:16

Tgt Ion:264 Resp: 1412212

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.9	28.3
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

