

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030519\
 Data File : BM019065.D
 Acq On : 06 Mar 2019 10:35
 Operator : JU/SJ
 Sample : K1705-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PST-028-B104-022719

Quant Time: Mar 06 11:12:12 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

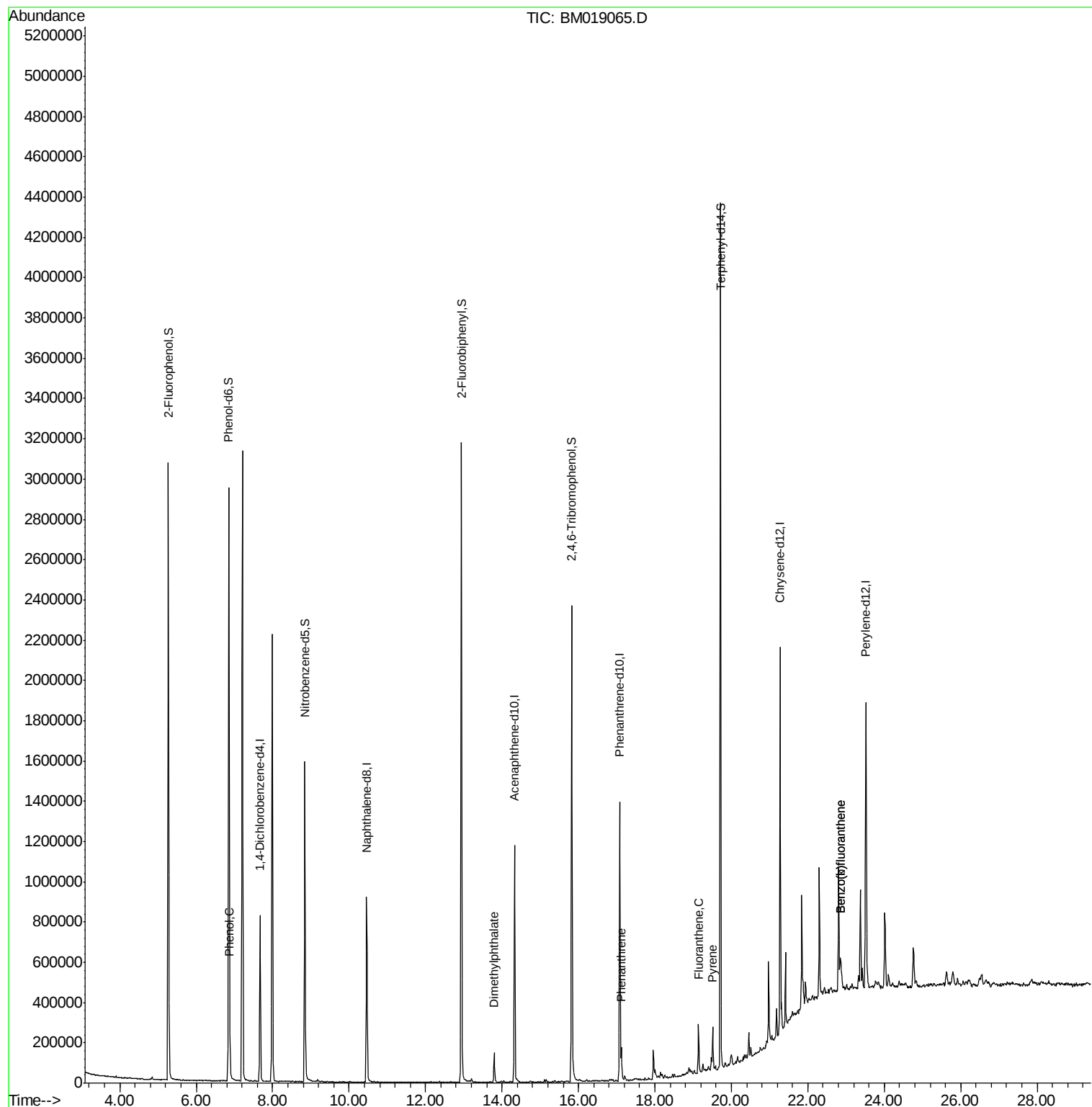
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	215066	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	774237	20.00	ng	-0.01
39) Acenaphthene-d10	14.33	164	384881	20.00	ng	0.00
64) Phenanthrene-d10	17.08	188	777136	20.00	ng	0.00
76) Chrysene-d12	21.28	240	818023	20.00	ng	0.00
87) Perylene-d12	23.52	264	994196	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1283616	97.79	ng	0.00
7) Phenol-d6	6.85	99	1672835	90.47	ng	0.00
23) Nitrobenzene-d5	8.84	82	1046316	62.49	ng	-0.01
42) 2,4,6-Tribromophenol	15.83	330	455110	82.03	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	1610765	55.56	ng	-0.01
79) Terphenyl-d14	19.72	244	1822580	45.96	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.85	77	5231	Below Cal		Qvalue # 7
10) Phenol	6.88	94	60872	3.129	ng	95
50) Dimethylphthalate	13.79	163	99845	3.113	ng	98
71) Phenanthrene	17.12	178	85670	2.051	ng	99
75) Fluoranthene	19.14	202	132253	2.741	ng	99
78) Pyrene	19.51	202	123398	2.597	ng	98
88) Benzo(b)fluoranthene	22.85	252	119852	2.107	ng	# 93
89) Benzo(k)fluoranthene	22.85	252	118843	2.099	ng	# 93

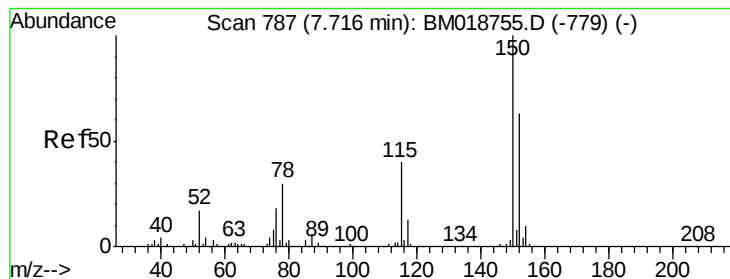
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030519\
Data File : BM019065.D
Acq On : 06 Mar 2019 10:35
Operator : JU/SJ
Sample : K1705-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PST-028-B104-022719

Quant Time: Mar 06 11:12:12 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



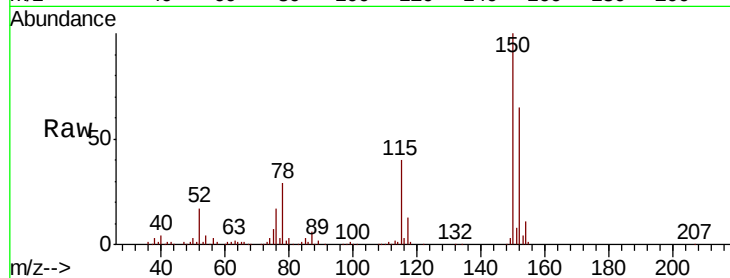


#1

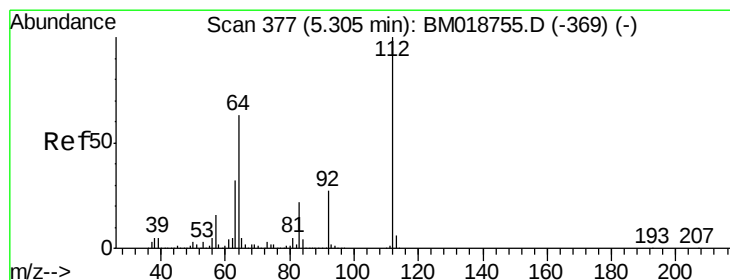
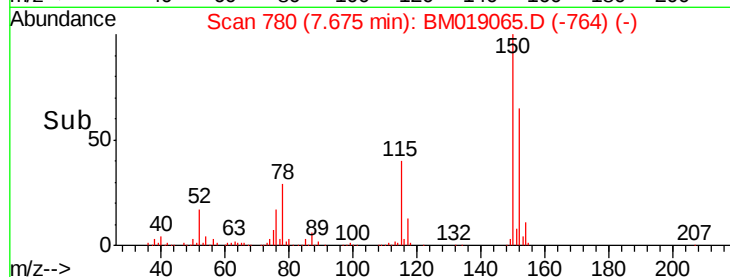
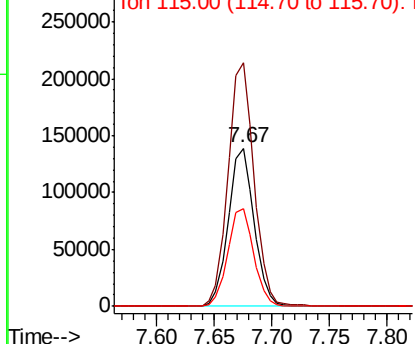
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BM019065.D
Acq: 06 Mar 2019 10:35

Instrument :
BNA_M
ClientSampleId :
PST-028-B104-022719

Tot Ion:152 Resp: 215066
Ion Ratio Lower Upper
152 100
150 154.1 127.3 190.9
115 61.8 50.8 76.2



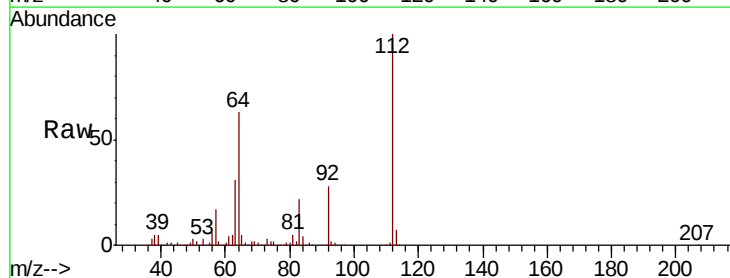
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



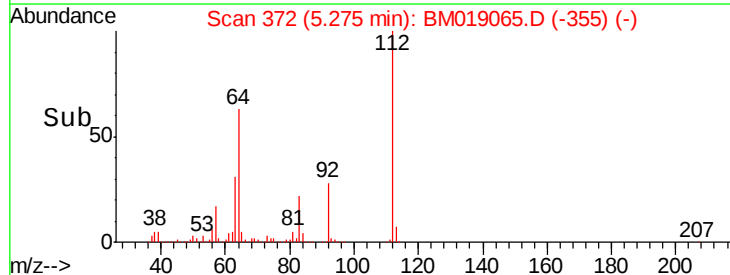
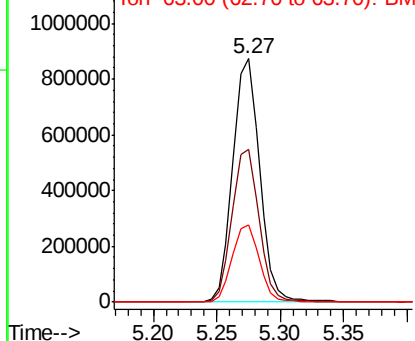
#5

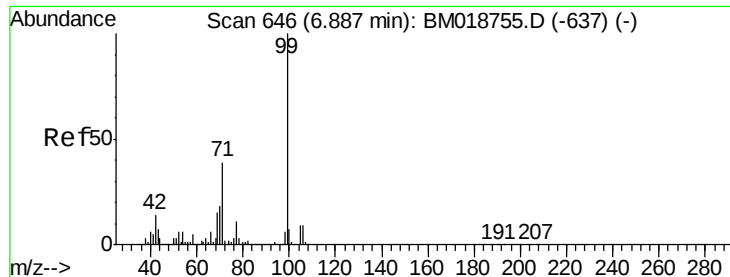
2-Fluorophenol
Concen: 97.792 ng
RT: 5.27 min Scan# 372
Delta R.T. -0.00 min
Lab File: BM019065.D
Acq: 06 Mar 2019 10:35

Tgt Ion:112 Resp: 1283616
Ion Ratio Lower Upper
112 100
64 62.7 50.6 75.8
63 31.5 25.7 38.5



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: 90.466 ng

RT: 6.85 min Scan# 640

Delta R.T. -0.01 min

Lab File: BM019065.D

Acq: 06 Mar 2019 10:35

Instrument :

BNA_M

ClientSampleId :

PST-028-B104-022719

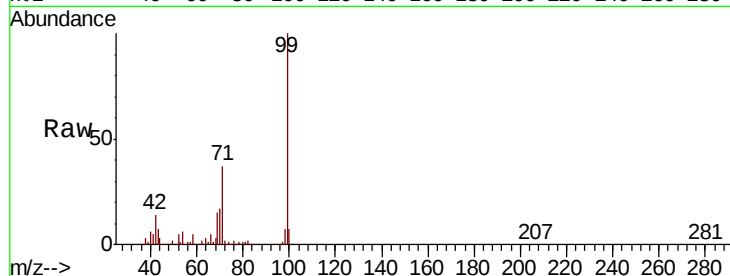
Tot Ion: 99 Resp: 1672835

Ion	Ratio	Lower	Upper
99	100		
42	14.0	11.0	16.6
71	36.9	31.3	46.9

99 100

42 14.0 11.0 16.6

71 36.9 31.3 46.9

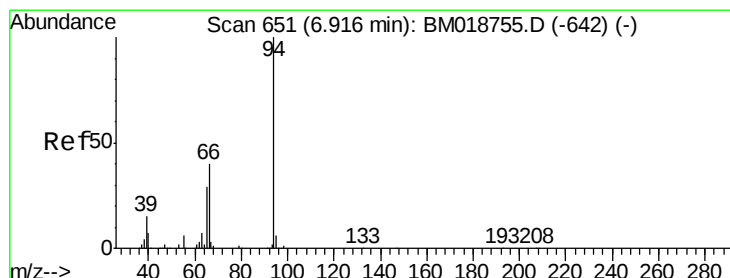
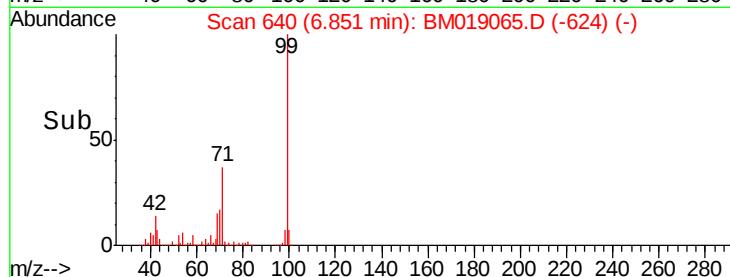
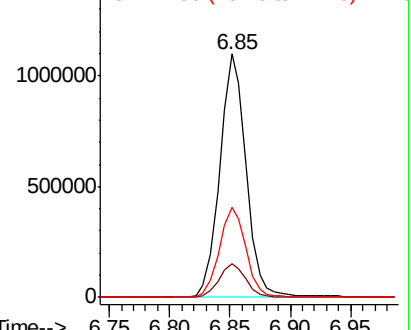


Abundance

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: 3.129 ng

RT: 6.88 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM019065.D

Acq: 06 Mar 2019 10:35

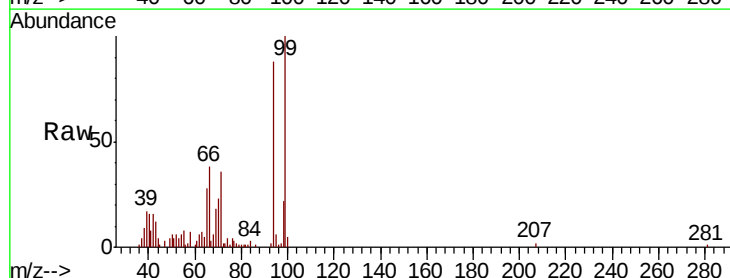
Tgt Ion: 94 Resp: 60872

Ion	Ratio	Lower	Upper
94	100		
65	32.2	9.6	49.6
66	43.8	20.4	60.4

94 100

65 32.2 9.6 49.6

66 43.8 20.4 60.4

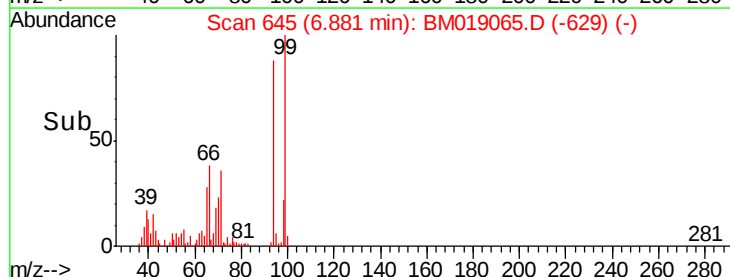
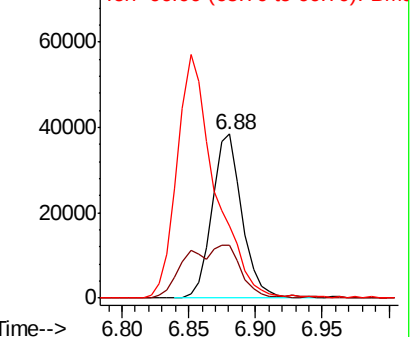


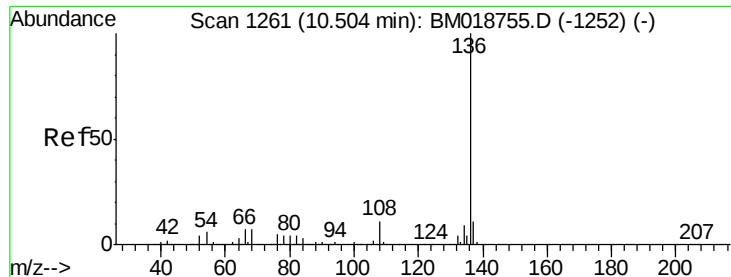
Abundance

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) (-)

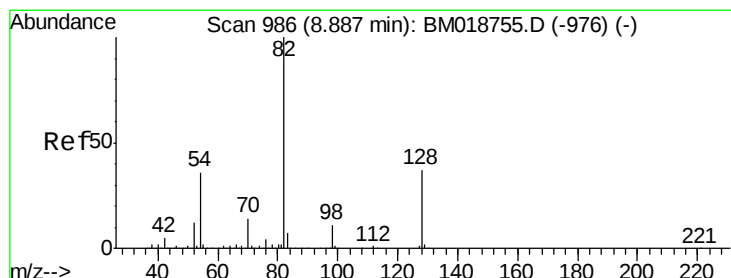
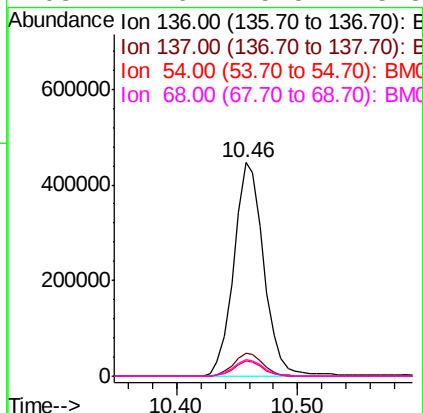
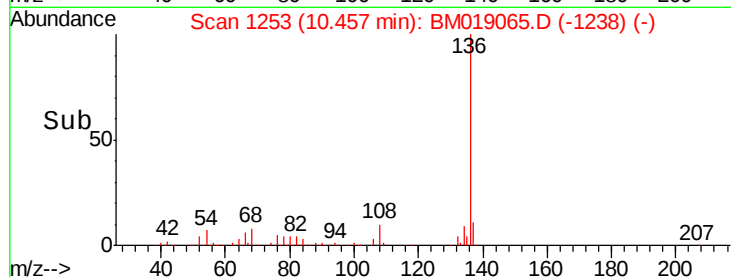
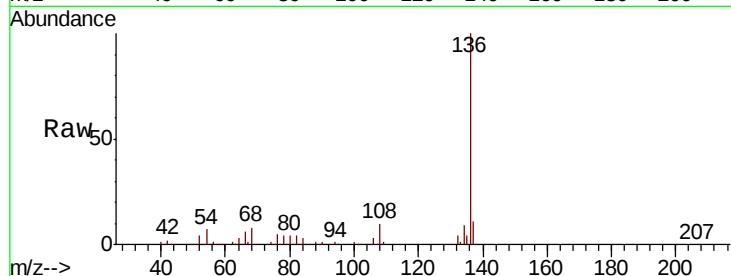




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BM019065.D
Acq: 06 Mar 2019 10:35

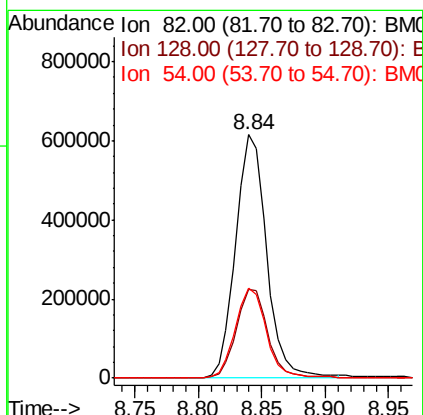
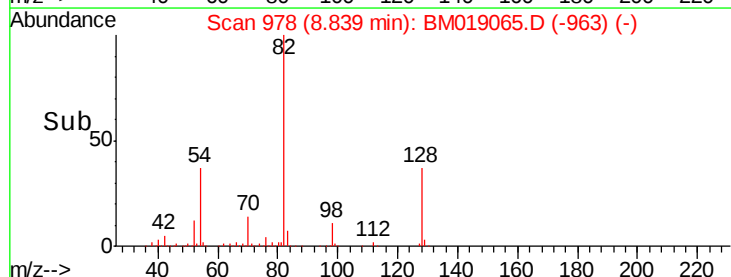
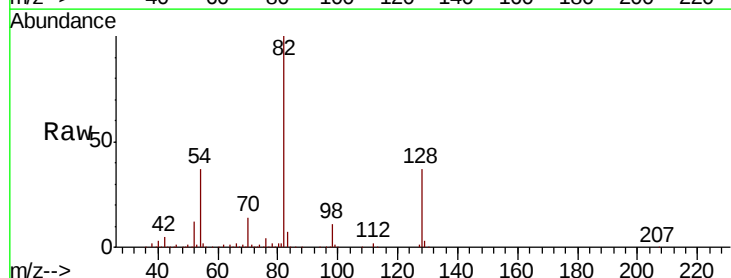
Instrument :
BNA_M
ClientSampleId :
PST-028-B104-022719

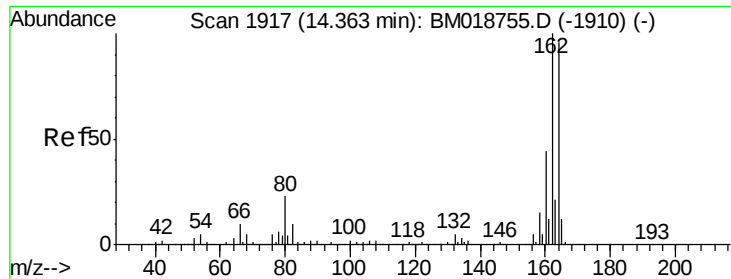
Tot Ion:136	Resp:	774237
Ion Ratio	Lower	Upper
136 100		
137 11.0	8.8	13.2
54 7.2	5.0	7.6
68 7.6	5.5	8.3



#23
Nitrobenzene-d5
Concen: 62.488 ng
RT: 8.84 min Scan# 978
Delta R.T. -0.01 min
Lab File: BM019065.D
Acq: 06 Mar 2019 10:35

Tgt Ion: 82	Resp: 1046316
Ion Ratio	Lower Upper
82 100	
128 36.6	29.9 44.9
54 36.9	29.1 43.7

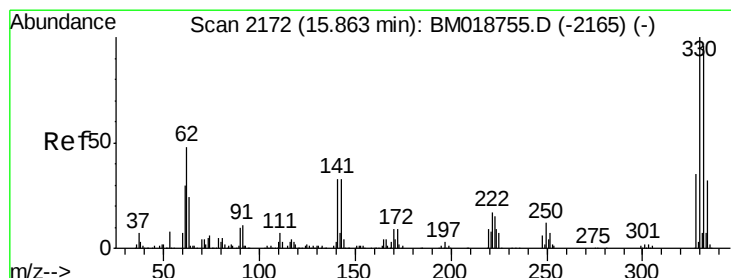
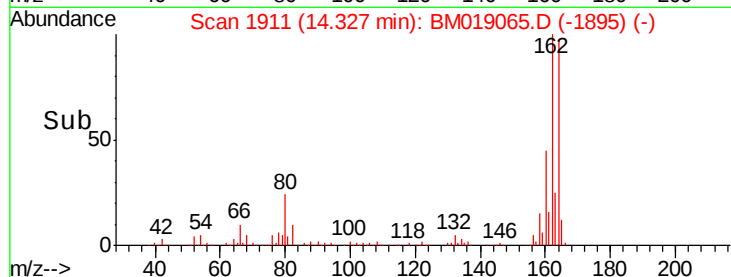
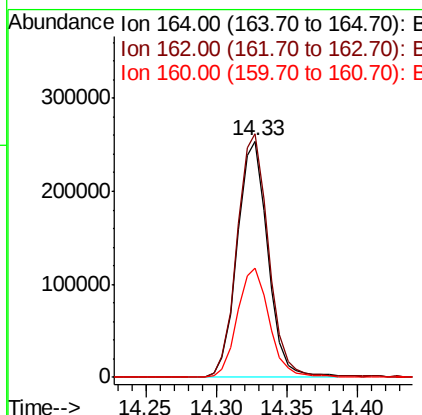
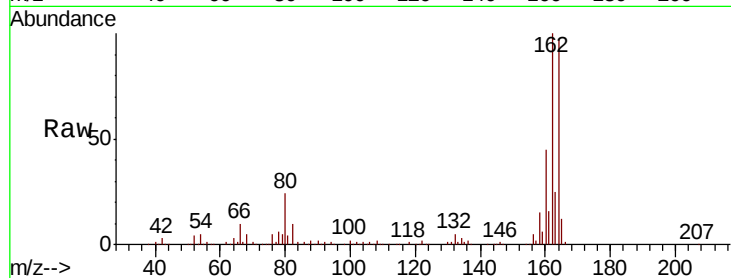




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BM019065.D
Acq: 06 Mar 2019 10:35

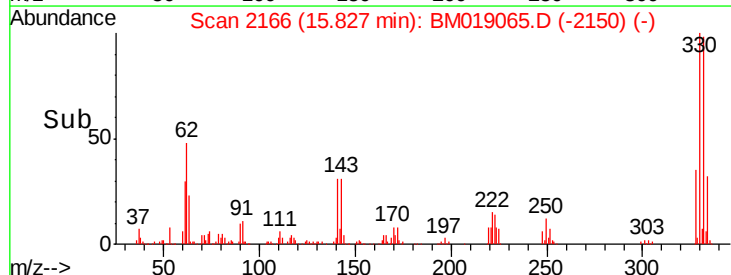
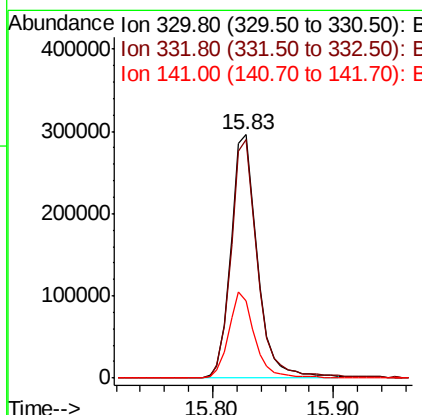
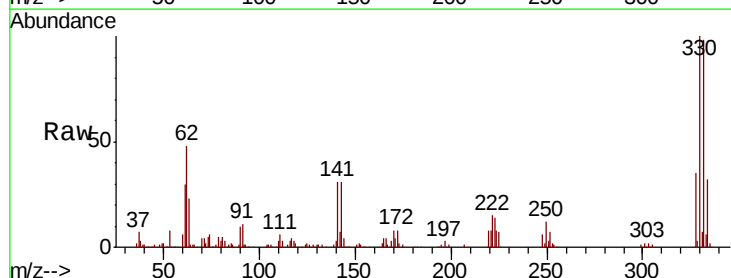
Instrument :
BNA_M
ClientSampleId :
PST-028-B104-022719

Tot Ion:164 Resp: 384881
Ion Ratio Lower Upper
164 100
162 103.1 83.4 125.0
160 46.2 36.6 55.0



#42
2,4,6-Tribromophenol
Concen: 82.032 ng
RT: 15.83 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BM019065.D
Acq: 06 Mar 2019 10:35

Tgt Ion:330 Resp: 455110
Ion Ratio Lower Upper
330 100
332 97.3 76.9 115.3
141 34.6 28.7 43.1

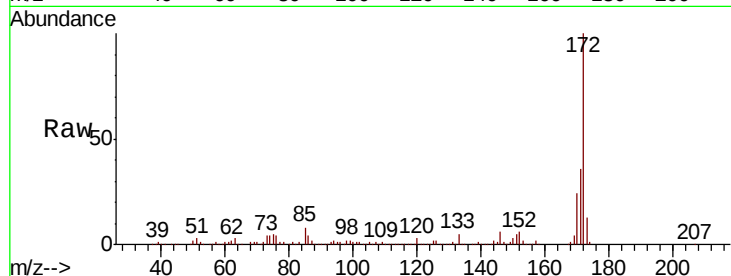




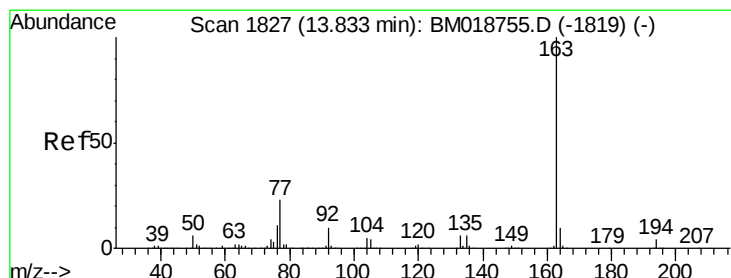
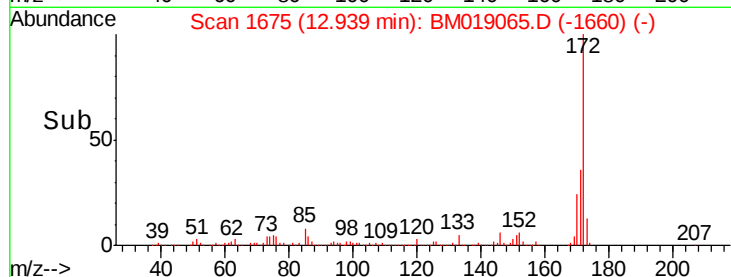
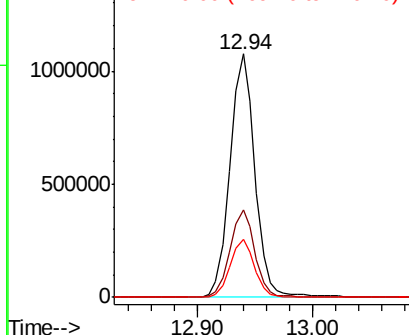
#45
2-Fluorobiphenyl
Concen: 55.556 ng
RT: 12.94 min Scan# 1675
Delta R.T. -0.01 min
Lab File: BM019065.D
Acq: 06 Mar 2019 10:35

Instrument :
BNA_M
ClientSampleId :
PST-028-B104-022719

Tot Ion:172 Resp: 1610765
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.6
170 23.7 18.6 28.0

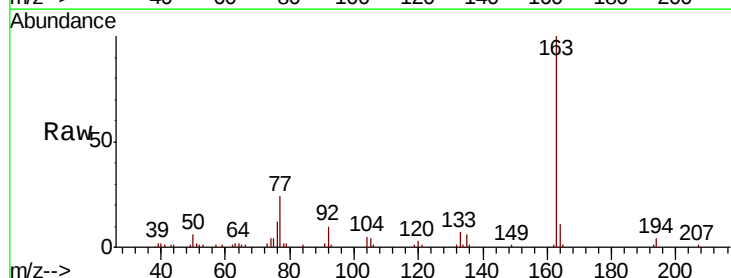


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

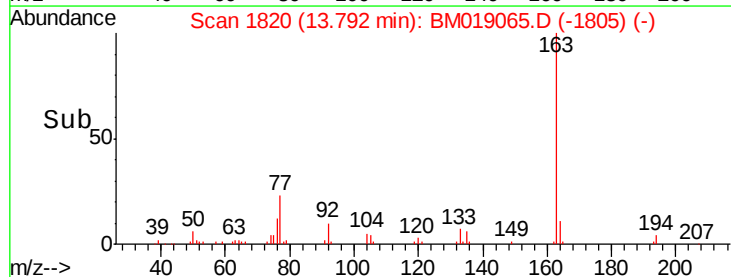
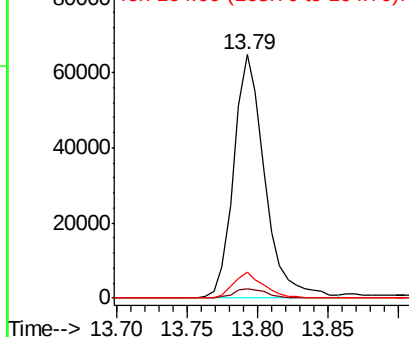


#50
Dimethylphthalate
Concen: 3.113 ng
RT: 13.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BM019065.D
Acq: 06 Mar 2019 10:35

Tgt Ion:163 Resp: 99845
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 10.6 7.8 11.8



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: 17.08 min Scan# 2379

Delta R.T. -0.01 min

Lab File: BM019065.D

Acq: 06 Mar 2019 10:35

Instrument :

BNA_M

ClientSampleId :

PST-028-B104-022719

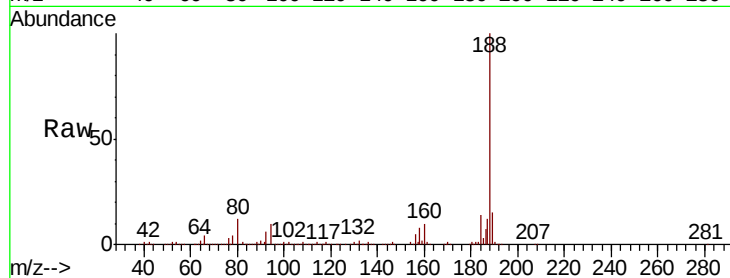
Tot Ion:188 Resp: 777136

Ion Ratio Lower Upper

188 100

94 9.6 8.2 12.2

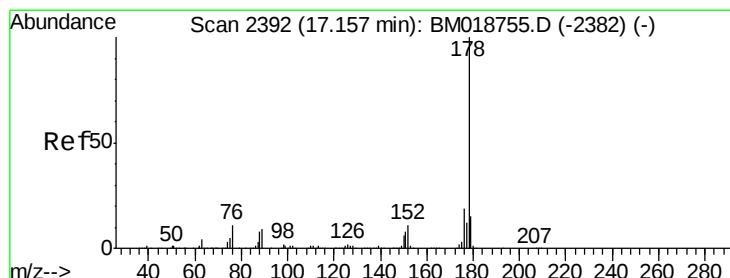
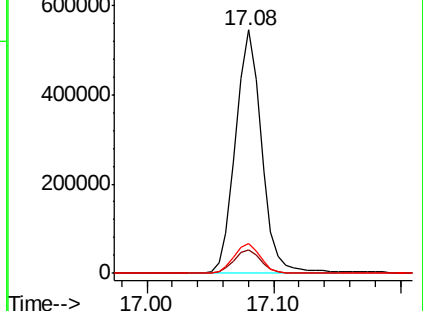
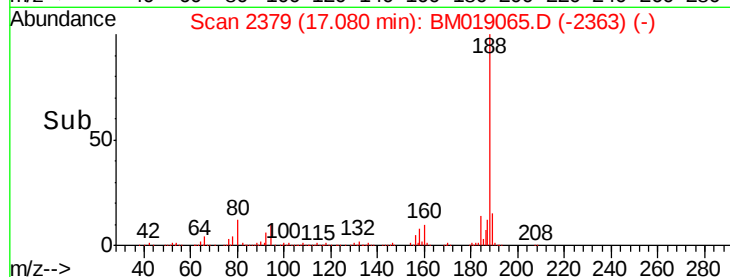
80 12.2 9.7 14.5



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



#71

Phenanthrene

Concen: 2.051 ng

RT: 17.12 min Scan# 2386

Delta R.T. -0.01 min

Lab File: BM019065.D

Acq: 06 Mar 2019 10:35

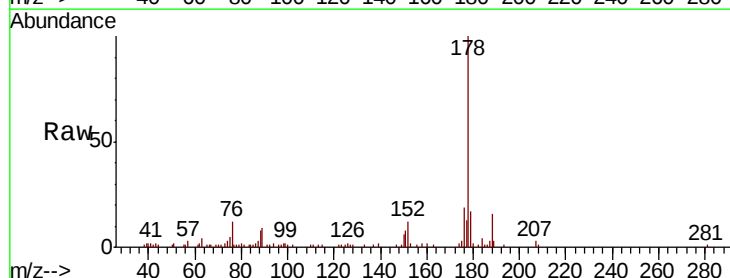
Tgt Ion:178 Resp: 85670

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

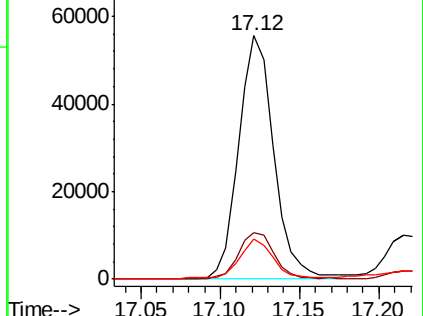
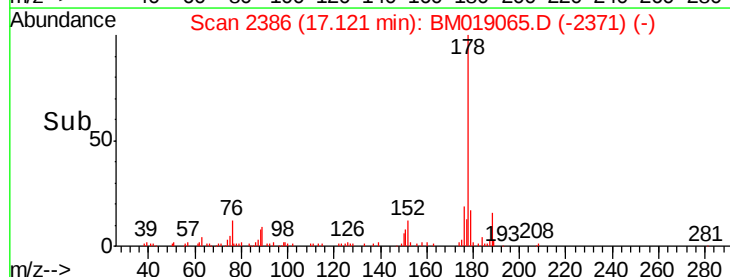
179 16.7 12.3 18.5

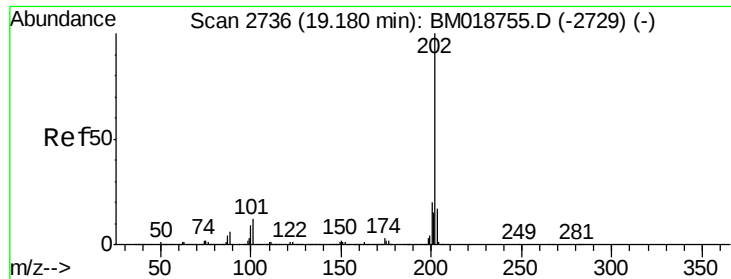


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 2.741 ng

RT: 19.14 min Scan# 2730

Delta R.T. -0.01 min

Lab File: BM019065.D

Acq: 06 Mar 2019 10:35

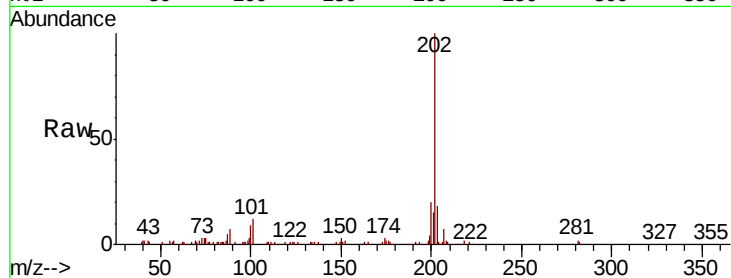
Instrument :

BNA_M

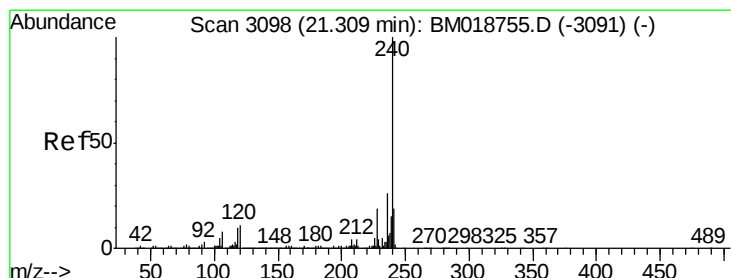
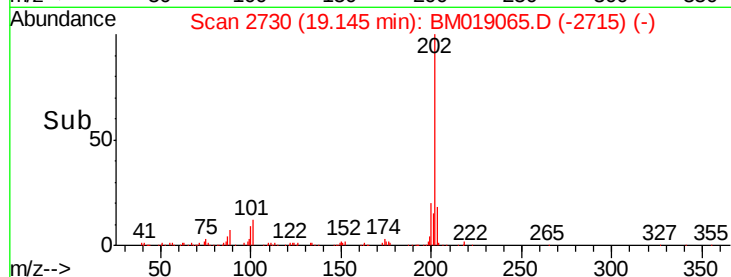
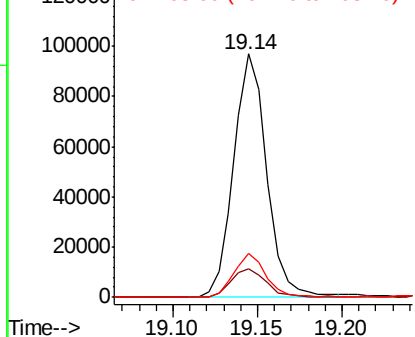
ClientSampleId :

PST-028-B104-022719

Tot Ion:	202	Resp:	132253
Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	31.5
203	18.0	0.0	37.3



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

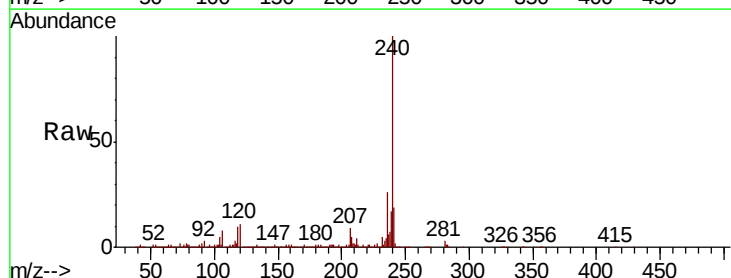
RT: 21.28 min Scan# 3093

Delta R.T. -0.01 min

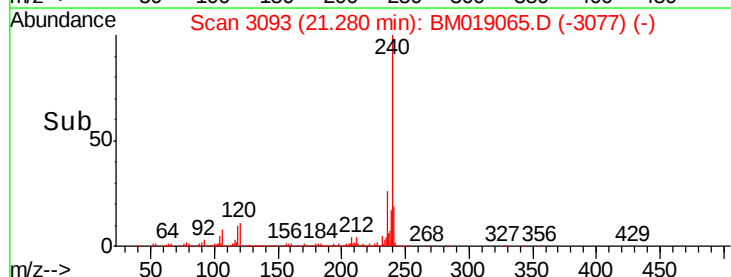
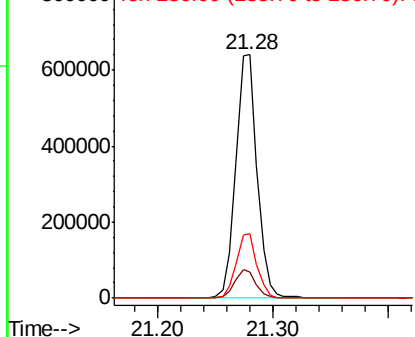
Lab File: BM019065.D

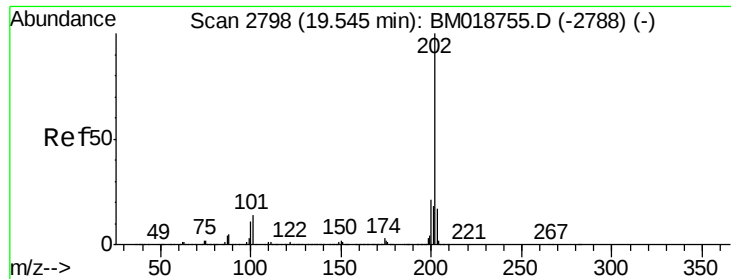
Acq: 06 Mar 2019 10:35

Tgt Ion:	240	Resp:	818023
Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.9	13.3
236	26.3	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

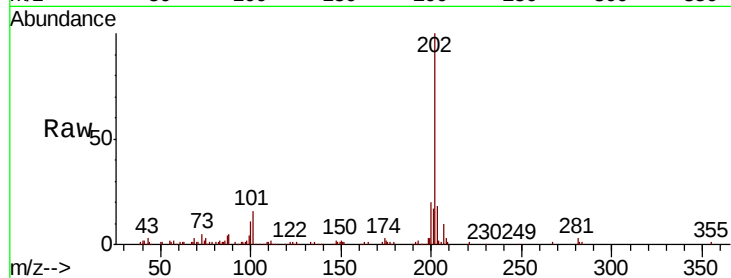




#78
Pvrene
Concen: 2.597 ng
RT: 19.51 min Scan# 2792
Delta R.T. -0.01 min
Lab File: BM019065.D
Acq: 06 Mar 2019 10:35

Instrument :
BNA_M
ClientSampleId :
PST-028-B104-022719

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.6	16.9	25.3
203	17.9	13.8	20.8

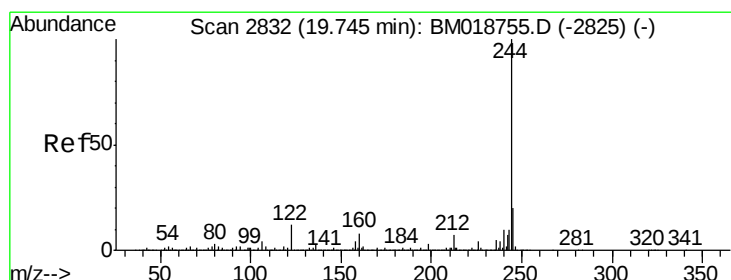
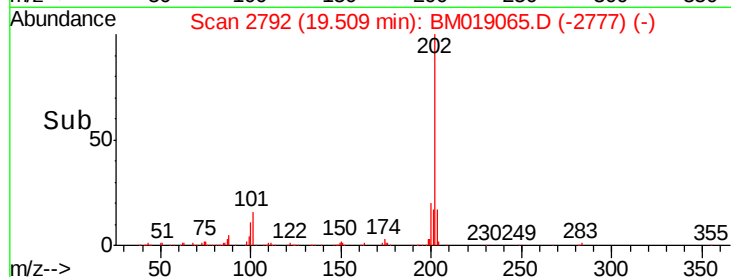
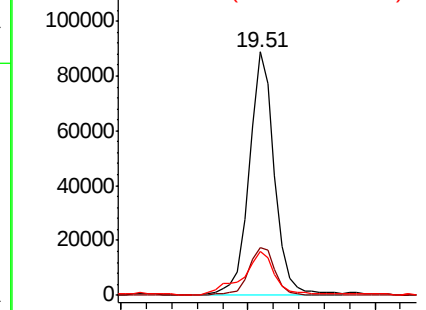


Abundance

Ion 202.00 (201.70 to 202.70): E

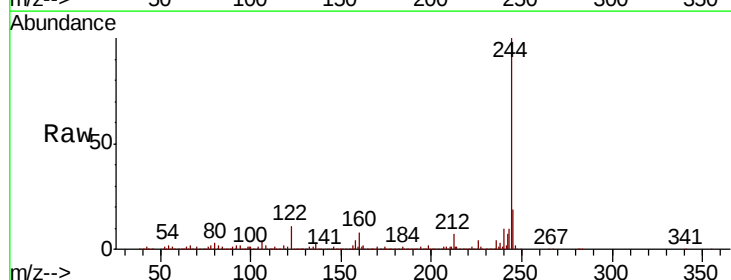
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79
Terphenyl-d14
Concen: 45.962 ng
RT: 19.72 min Scan# 2827
Delta R.T. -0.01 min
Lab File: BM019065.D
Acq: 06 Mar 2019 10:35

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	11.0	9.3	13.9

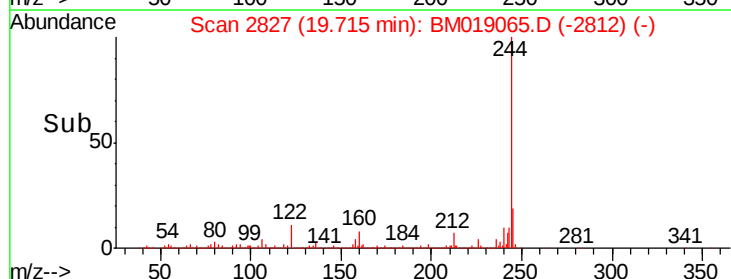
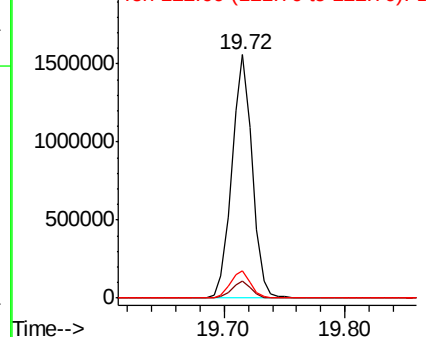


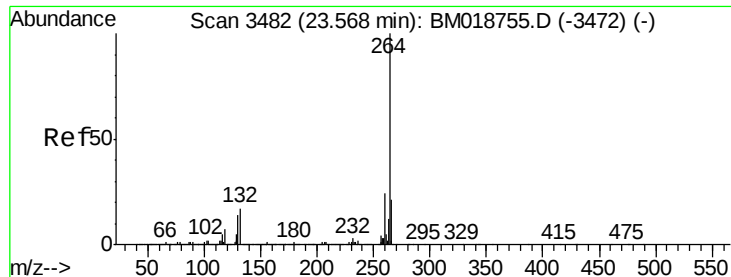
Abundance

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

Pervlene-d12

Concen: 20.000 ng

RT: 23.52 min Scan# 3474

Delta R.T. -0.01 min

Lab File: BM019065.D

Acq: 06 Mar 2019 10:35

Instrument :

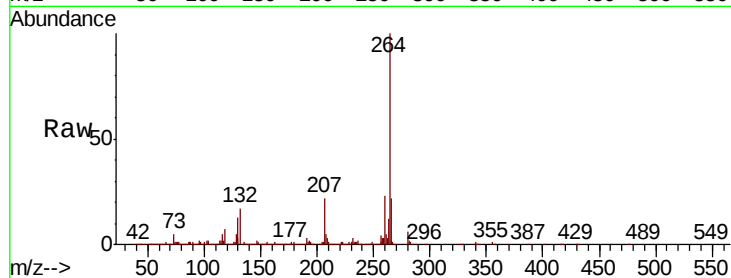
BNA_M

ClientSampleId :

PST-028-B104-022719

Tot Ion:264 Resp: 994196

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.9	28.3
265	22.3	17.3	25.9

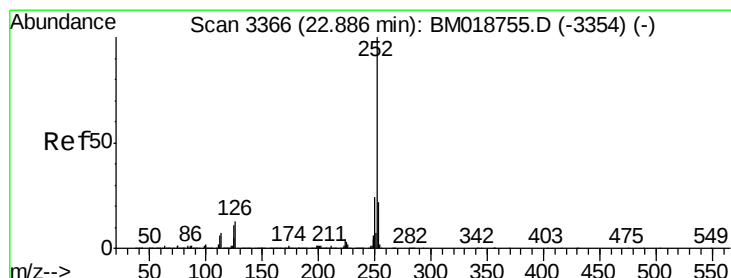
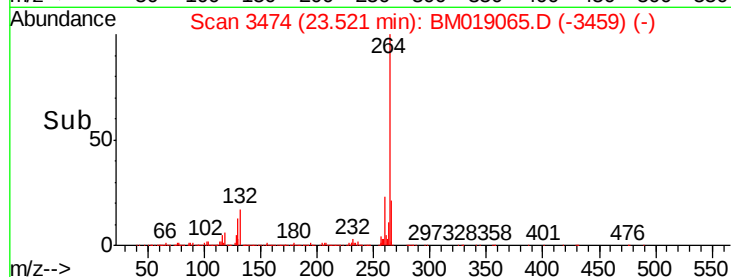
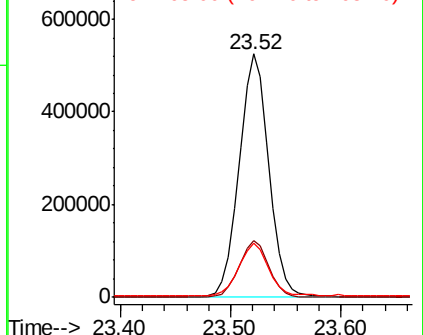


Abundance

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



#88

Benzo(b)fluoranthene

Concen: 2.107 ng

RT: 22.85 min Scan# 3360

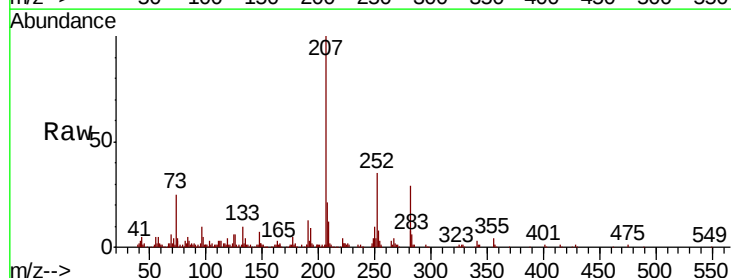
Delta R.T. -0.01 min

Lab File: BM019065.D

Acq: 06 Mar 2019 10:35

Tgt Ion:252 Resp: 119852

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.8	26.6
125	15.7	8.6	12.8

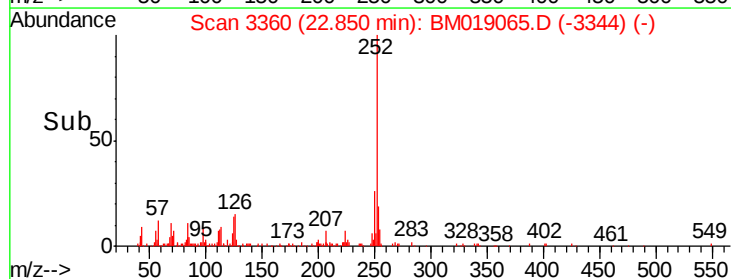
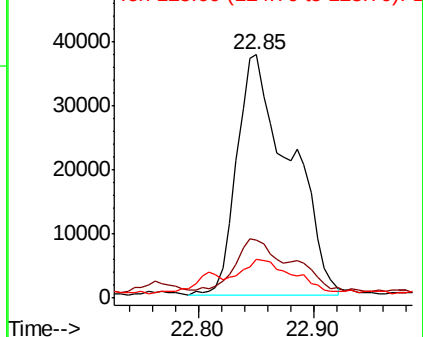


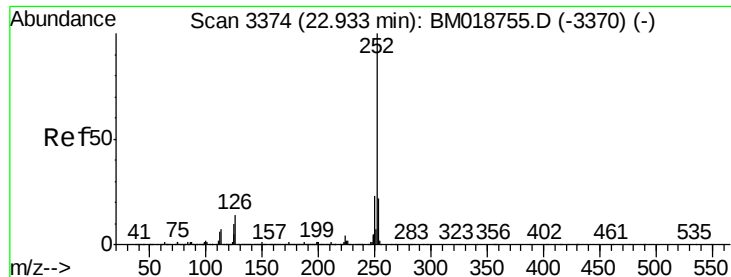
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 2.099 ng

RT: 22.85 min Scan# 3360

Delta R.T. -0.05 min

Lab File: BM019065.D

Acq: 06 Mar 2019 10:35

Instrument :

BNA_M

ClientSampleId :

PST-028-B104-022719

Tot Ion: 252 Resp: 118843

Ion Ratio Lower Upper

252 100

253 23.7 17.7 26.5

125 15.7 8.2 12.4

