

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\
 Data File : BM019112.D
 Acq On : 12 Mar 2019 15:16
 Operator : JU/SJ
 Sample : K1817-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PST-028-SW011-030619

Quant Time: Mar 13 03:52:56 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

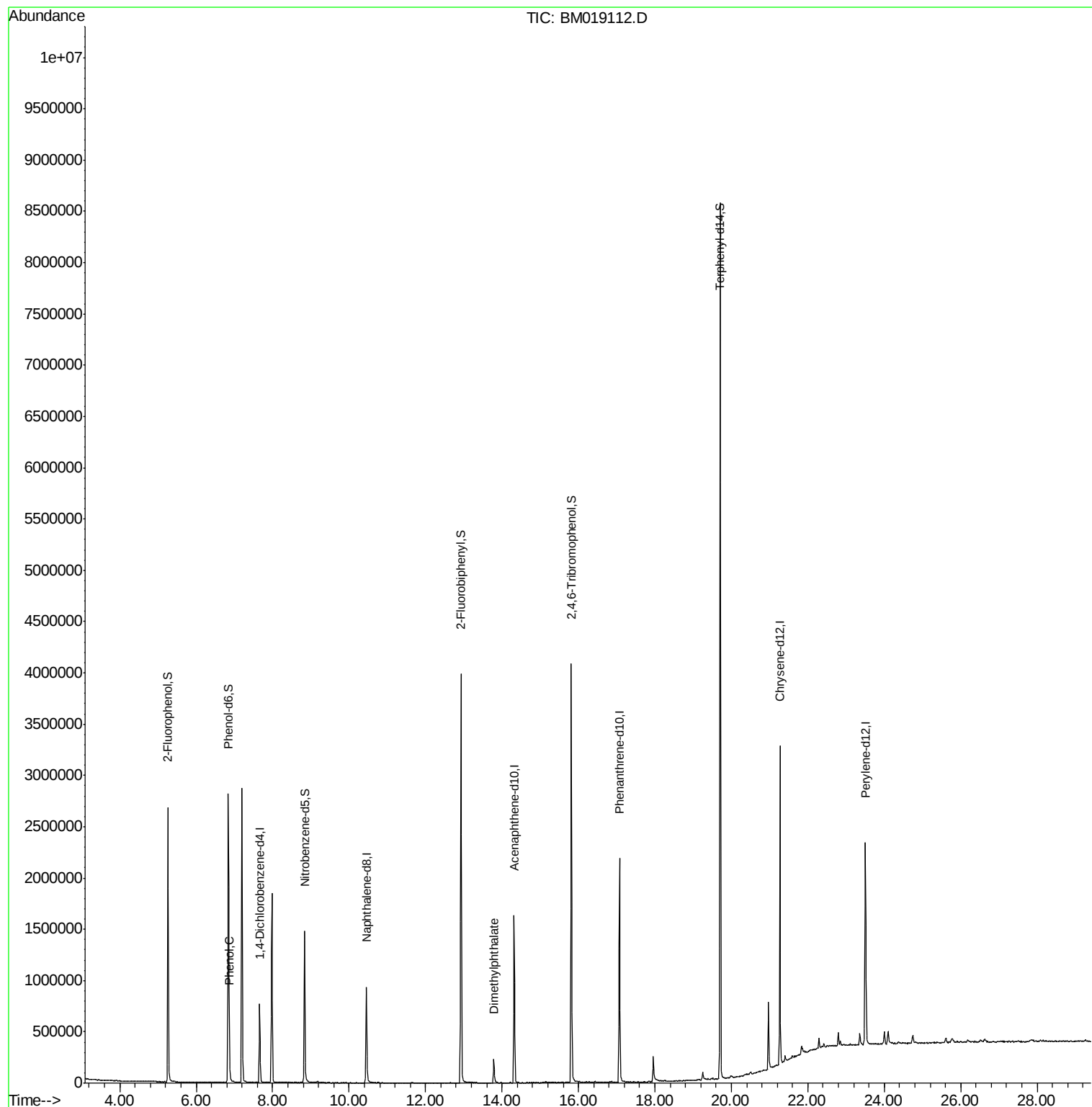
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	195375	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	803557	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	519632	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1246221	20.00	ng	0.00
76) Chrysene-d12	21.27	240	1356386	20.00	ng	0.00
87) Perylene-d12	23.51	264	1379843	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1126866	93.41	ng	0.00
7) Phenol-d6	6.84	99	1643521	93.14	ng	0.00
23) Nitrobenzene-d5	8.83	82	976293	57.43	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	712650	92.89	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	2043499	51.15	ng	0.00
79) Terphenyl-d14	19.71	244	3673056	53.76	ng	0.00
Target Compounds						
10) Phenol	6.87	94	89124	4.686	ng	94
50) Dimethylphthalate	13.79	163	176389	3.968	ng	99

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

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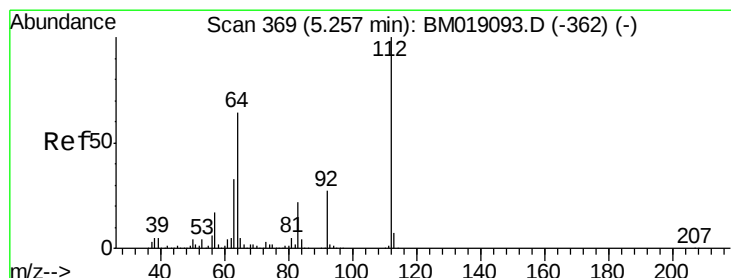
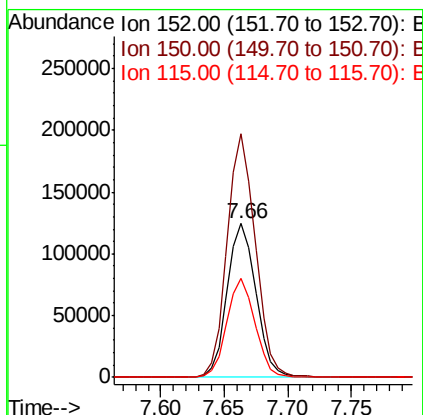
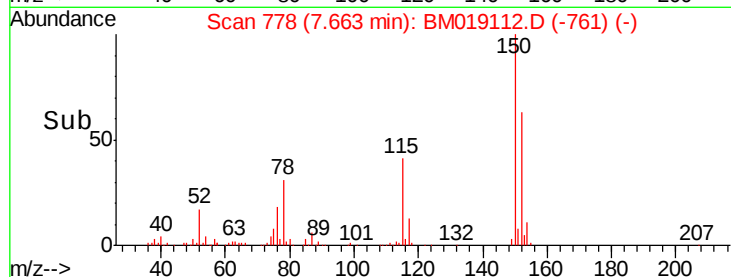
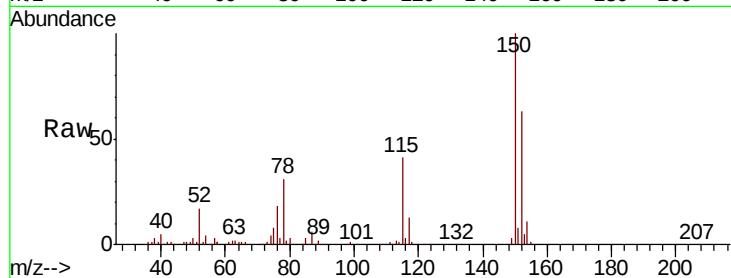


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 778
Delta R.T. 0.00 min
Lab File: BM019112.D
Acq: 12 Mar 2019 15:16

Instrument :
BNA_M
ClientSampleId :
PST-028-SW011-030619

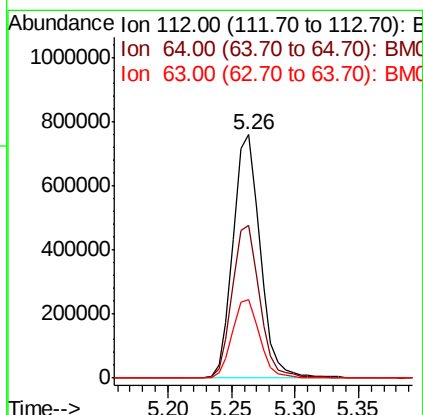
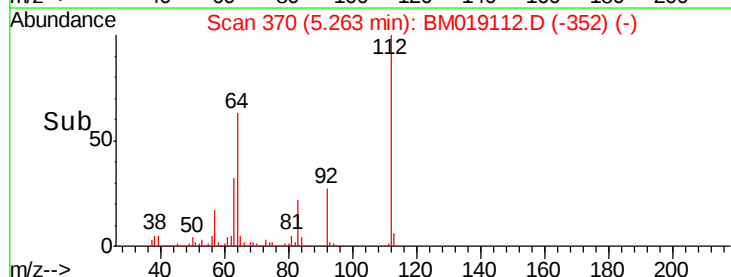
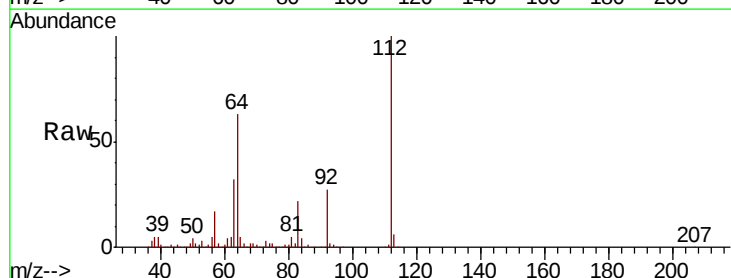
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	125.3	187.9
115	64.6	49.4	74.0

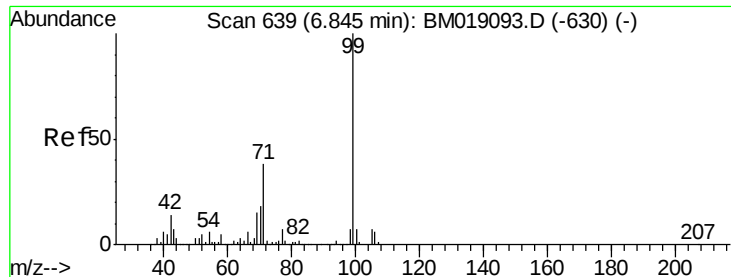


#5

2-Fluorophenol
Concen: 93.407 ng
RT: 5.26 min Scan# 370
Delta R.T. 0.01 min
Lab File: BM019112.D
Acq: 12 Mar 2019 15:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.7	51.4	77.0
63	32.3	26.6	40.0





#7

Phenol-d6

Concen: 93.137 ng

RT: 6.84 min Scan# 638

Delta R.T. -0.01 min

Lab File: BM019112.D

Acq: 12 Mar 2019 15:16

Instrument :

BNA_M

ClientSampleId :

PST-028-SW011-030619

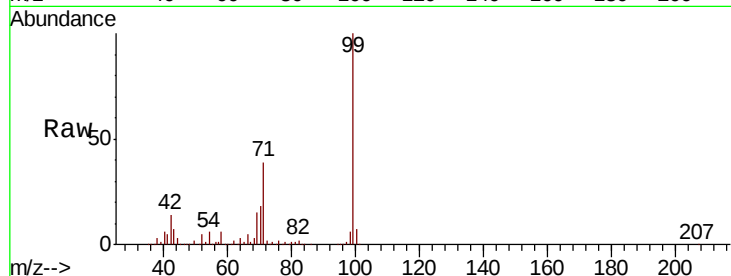
Tot Ion: 99 Resp: 1643521

Ion Ratio Lower Upper

99 100

42 14.4 10.9 16.3

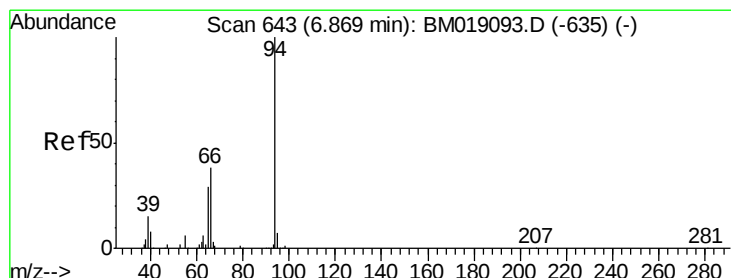
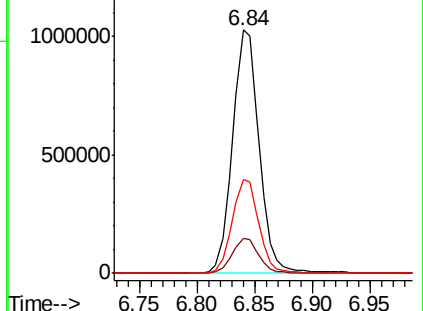
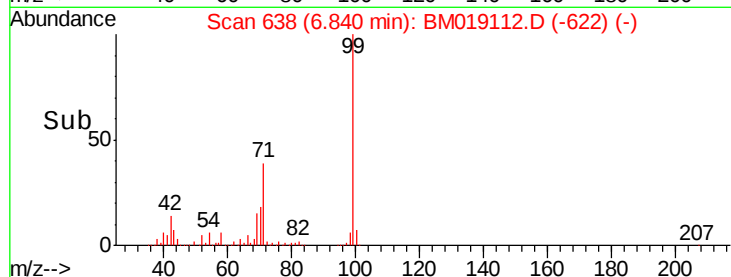
71 38.6 30.3 45.5



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) (-)



#10

Phenol

Concen: 4.686 ng

RT: 6.87 min Scan# 643

Delta R.T. 0.00 min

Lab File: BM019112.D

Acq: 12 Mar 2019 15:16

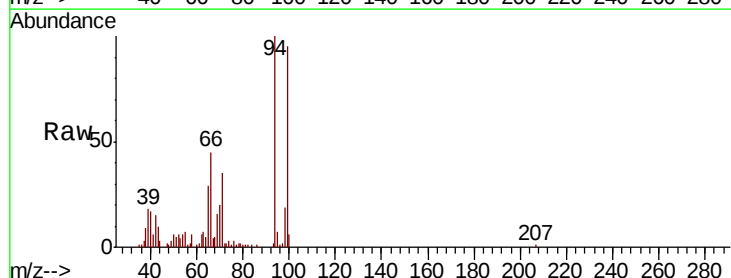
Tgt Ion: 94 Resp: 89124

Ion Ratio Lower Upper

94 100

65 29.0 9.7 49.7

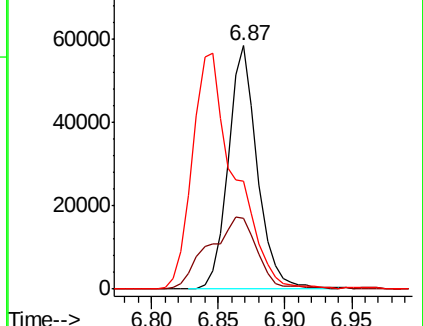
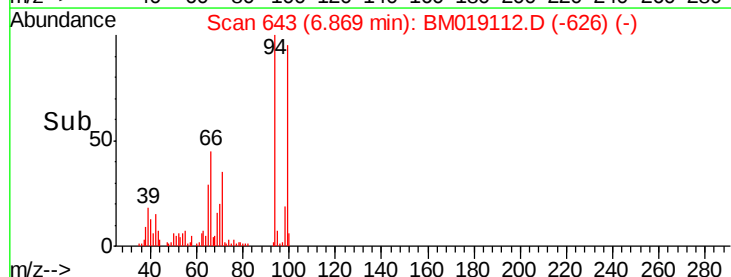
66 44.6 19.2 59.2



Abundance Ion 94.00 (93.70 to 94.70): BM019093.D (-635) (-)

Ion 65.00 (64.70 to 65.70): BM019093.D (-635) (-)

Ion 66.00 (65.70 to 66.70): BM019093.D (-635) (-)

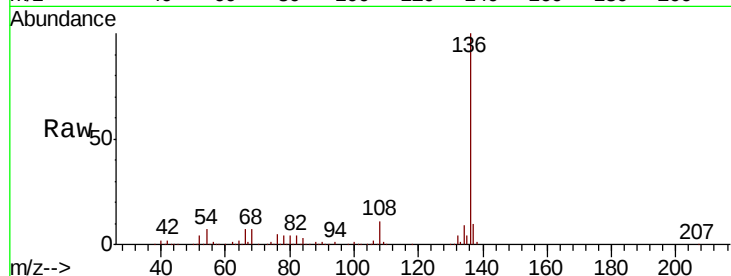




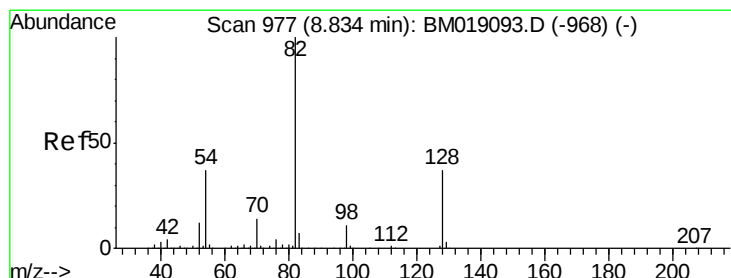
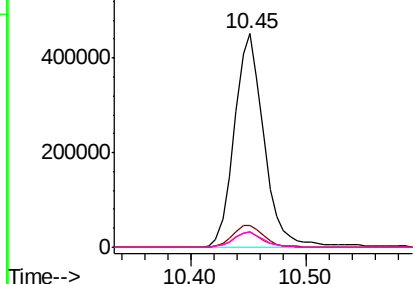
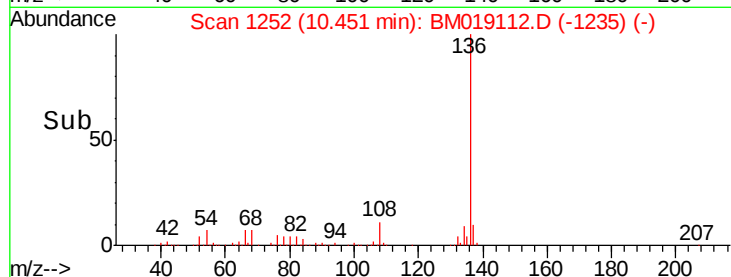
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BM019112.D
Acq: 12 Mar 2019 15:16

Instrument :
BNA_M
ClientSampleId :
PST-028-SW011-030619

Tot Ion:136	Resp: 803557
Ion Ratio	Lower Upper
136 100	
137 10.5	8.6 13.0
54 6.9	5.2 7.8
68 7.2	5.8 8.8

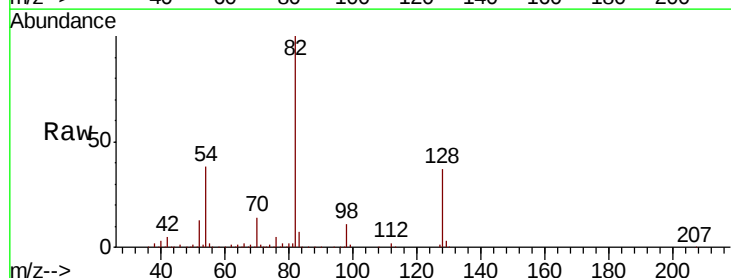


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

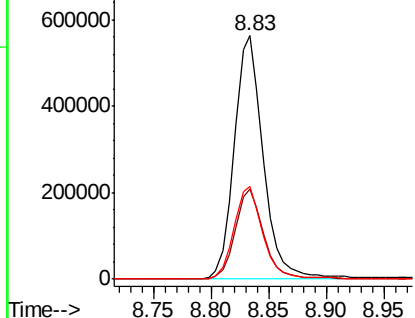
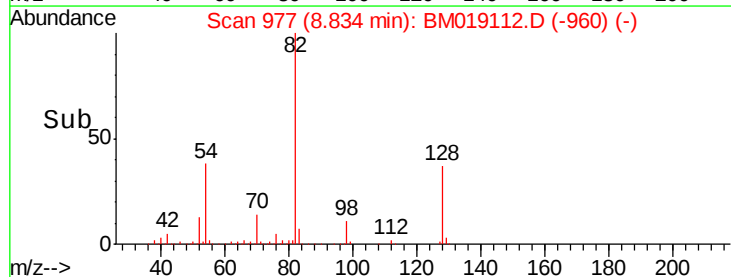


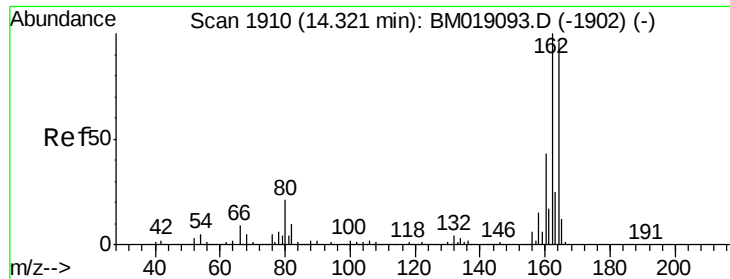
#23
Nitrobenzene-d5
Concen: 57.432 ng
RT: 8.83 min Scan# 977
Delta R.T. 0.00 min
Lab File: BM019112.D
Acq: 12 Mar 2019 15:16

Tgt Ion: 82	Resp: 976293
Ion Ratio	Lower Upper
82 100	
128 36.9	29.4 44.2
54 37.9	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: 14.32 min Scan# 1909

Delta R.T. -0.01 min

Lab File: BM019112.D

Acq: 12 Mar 2019 15:16

Instrument :

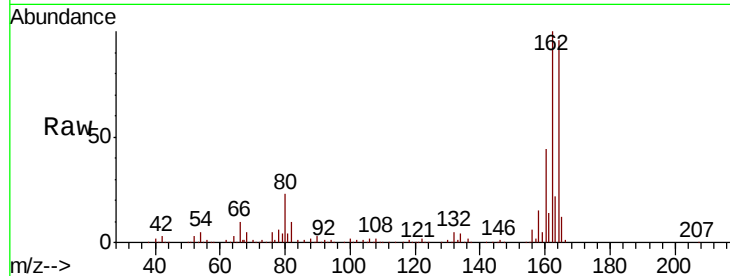
BNA_M

ClientSampleId :

PST-028-SW011-030619

Tot Ion:164 Resp: 519632

Ion	Ratio	Lower	Upper
164	100		
162	104.6	83.5	125.3
160	45.6	36.3	54.5

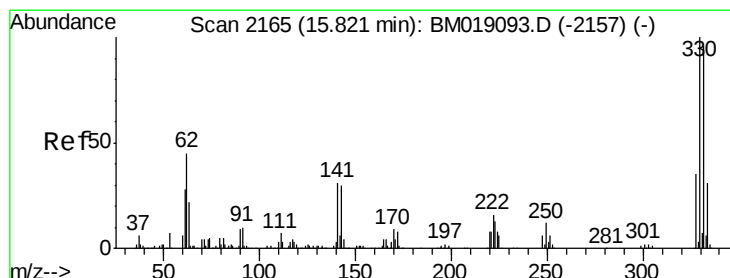
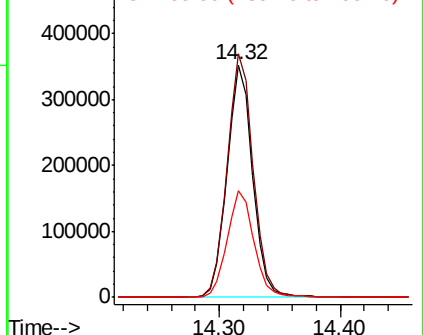
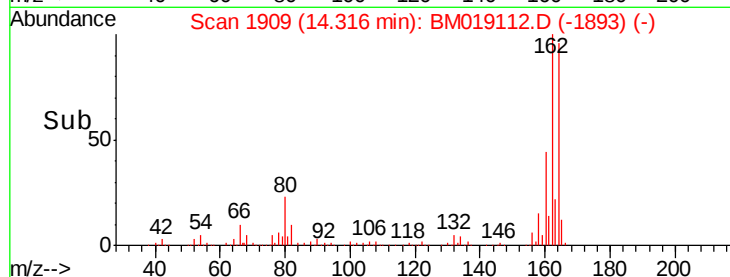


Abundance

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: 92.888 ng

RT: 15.82 min Scan# 2164

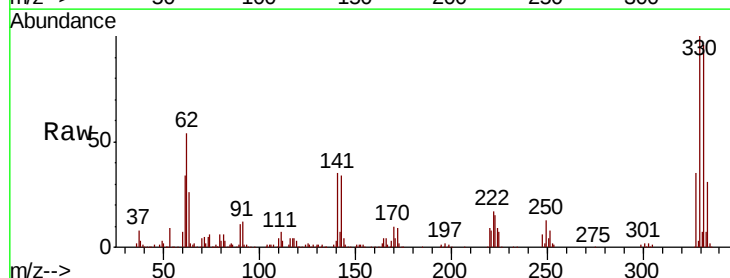
Delta R.T. -0.01 min

Lab File: BM019112.D

Acq: 12 Mar 2019 15:16

Tgt Ion:330 Resp: 712650

Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.8	115.2
141	35.0	27.0	40.4

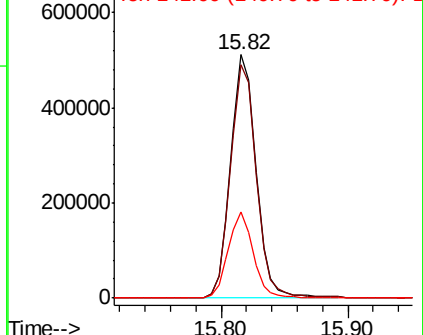
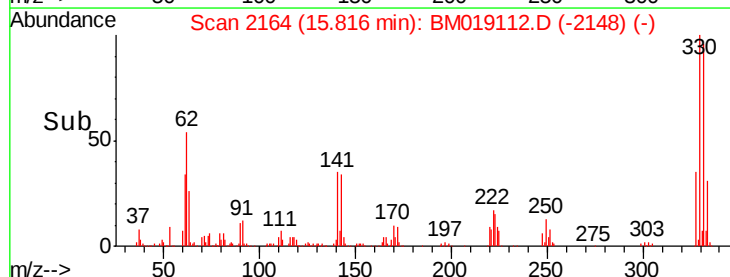


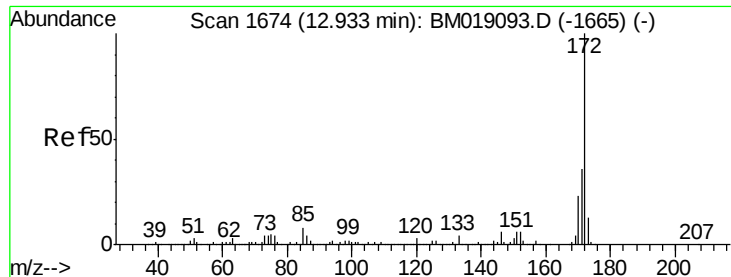
Abundance

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

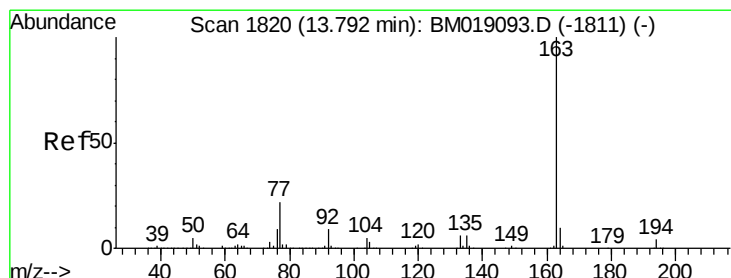
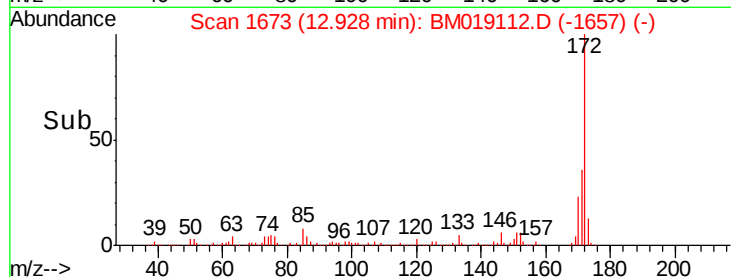
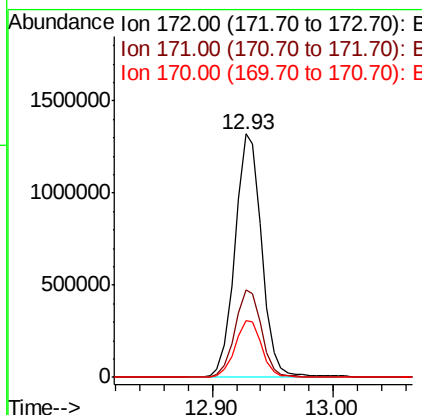
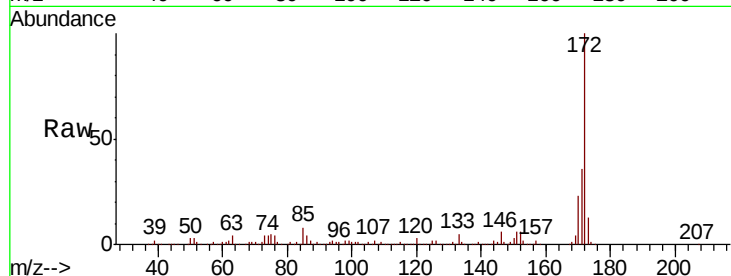




#45
2-Fluorobiphenyl
Concen: 51.154 ng
RT: 12.93 min Scan# 1673
Delta R.T. -0.01 min
Lab File: BM019112.D
Acq: 12 Mar 2019 15:16

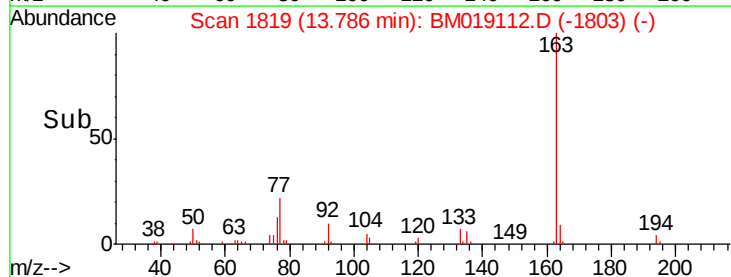
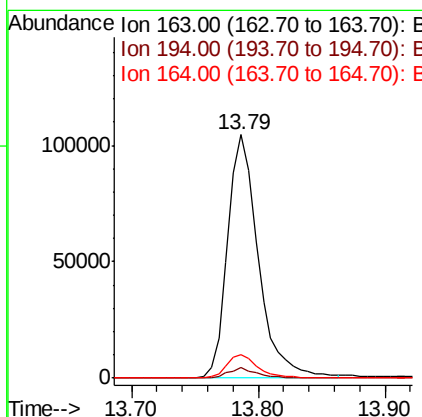
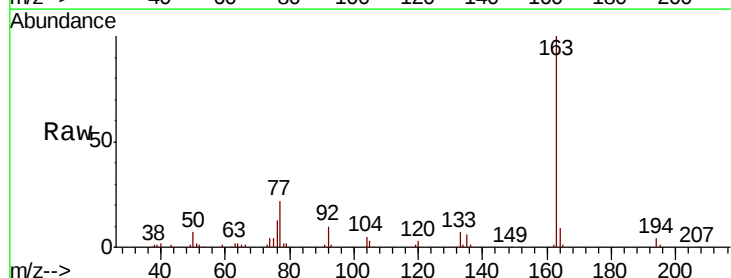
Instrument :
BNA_M
ClientSampleId :
PST-028-SW011-030619

Tot Ion:172 Resp: 2043499
Ion Ratio Lower Upper
172 100
171 35.8 28.6 42.8
170 23.1 18.6 28.0



#50
Dimethylphthalate
Concen: 3.968 ng
RT: 13.79 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BM019112.D
Acq: 12 Mar 2019 15:16

Tgt Ion:163 Resp: 176389
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 9.4 7.7 11.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2378

Delta R.T. 0.00 min

Lab File: BM019112.D

Acq: 12 Mar 2019 15:16

Instrument :

BNA_M

ClientSampleId :

PST-028-SW011-030619

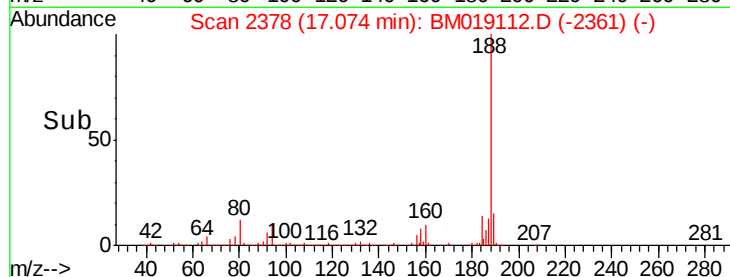
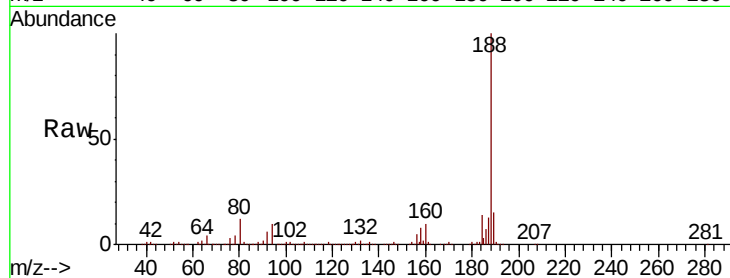
Tot Ion:188 Resp: 1246221

Ion Ratio Lower Upper

188 100

94 9.7 8.1 12.1

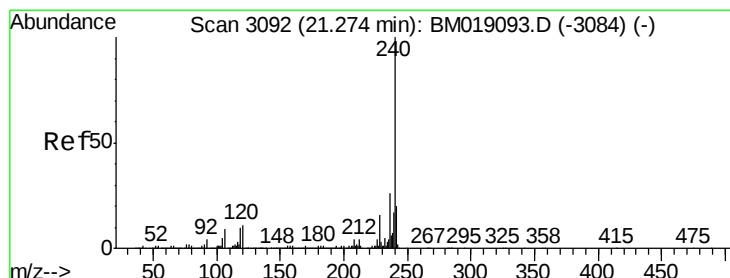
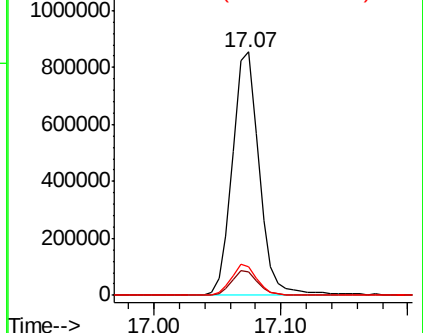
80 11.7 9.7 14.5



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# 3091

Delta R.T. -0.01 min

Lab File: BM019112.D

Acq: 12 Mar 2019 15:16

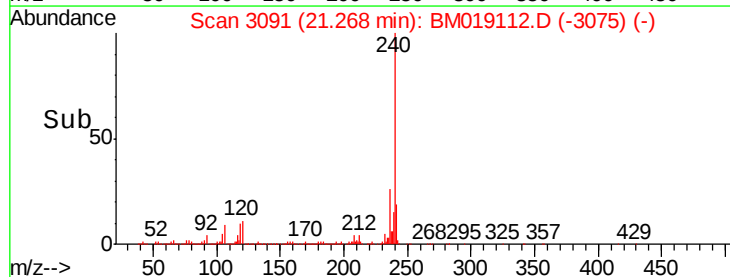
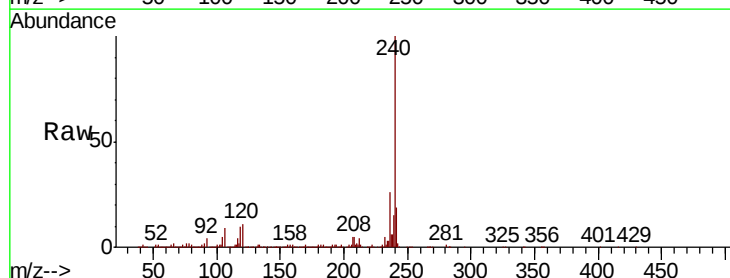
Tgt Ion:240 Resp: 1356386

Ion Ratio Lower Upper

240 100

120 11.2 8.9 13.3

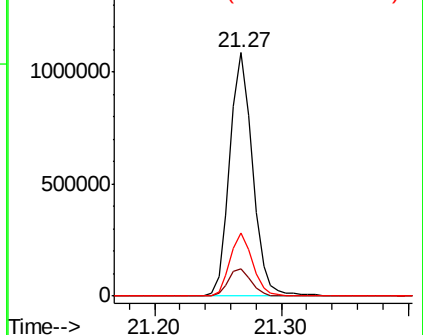
236 25.8 21.0 31.4

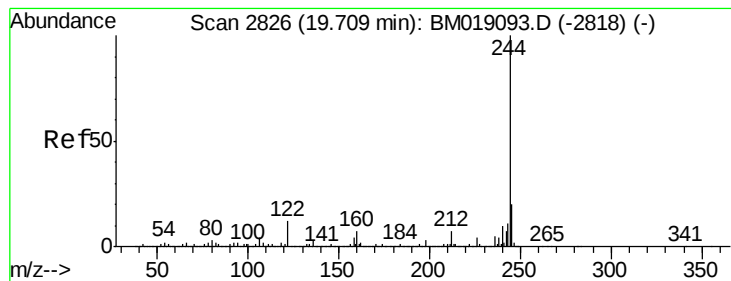


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 53.759 ng

RT: 19.71 min Scan# 2826

Delta R.T. 0.00 min

Lab File: BM019112.D

Acq: 12 Mar 2019 15:16

Instrument :

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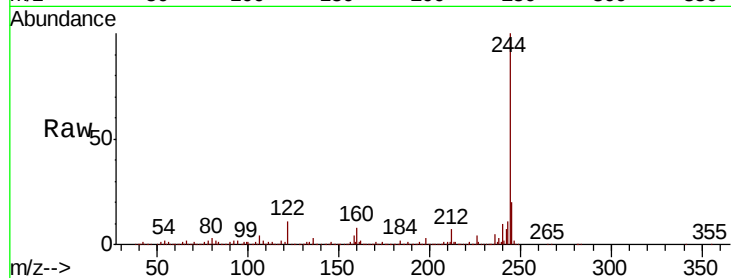
Tot Ion:244 Resp: 3673056

Ion Ratio Lower Upper

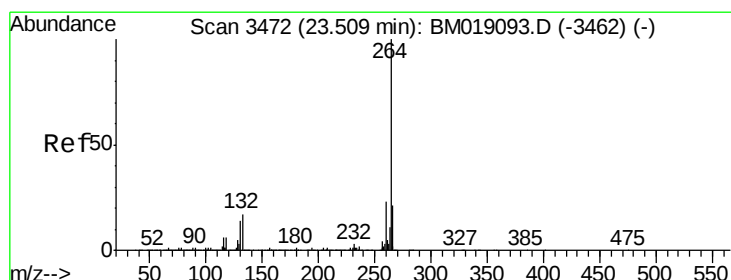
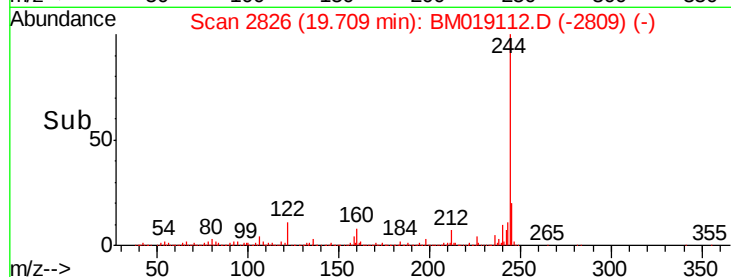
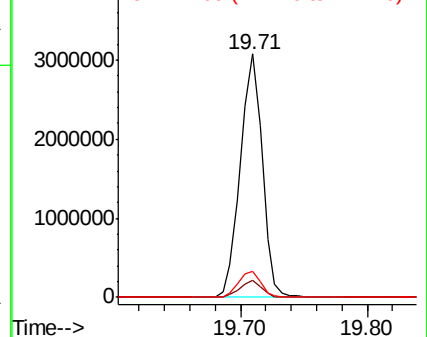
244 100

212 6.9 5.4 8.2

122 10.9 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: 23.51 min Scan# 3472

Delta R.T. 0.00 min

Lab File: BM019112.D

Acq: 12 Mar 2019 15:16

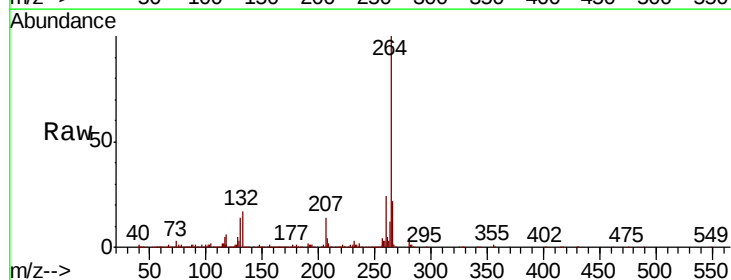
Tgt Ion:264 Resp: 1379843

Ion Ratio Lower Upper

264 100

260 24.0 18.6 28.0

265 21.6 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

