

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\
 Data File : BM019121.D
 Acq On : 12 Mar 2019 20:44
 Operator : JU/SJ
 Sample : K1842-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PR-MW-05_030819

Quant Time: Mar 13 05:45:14 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

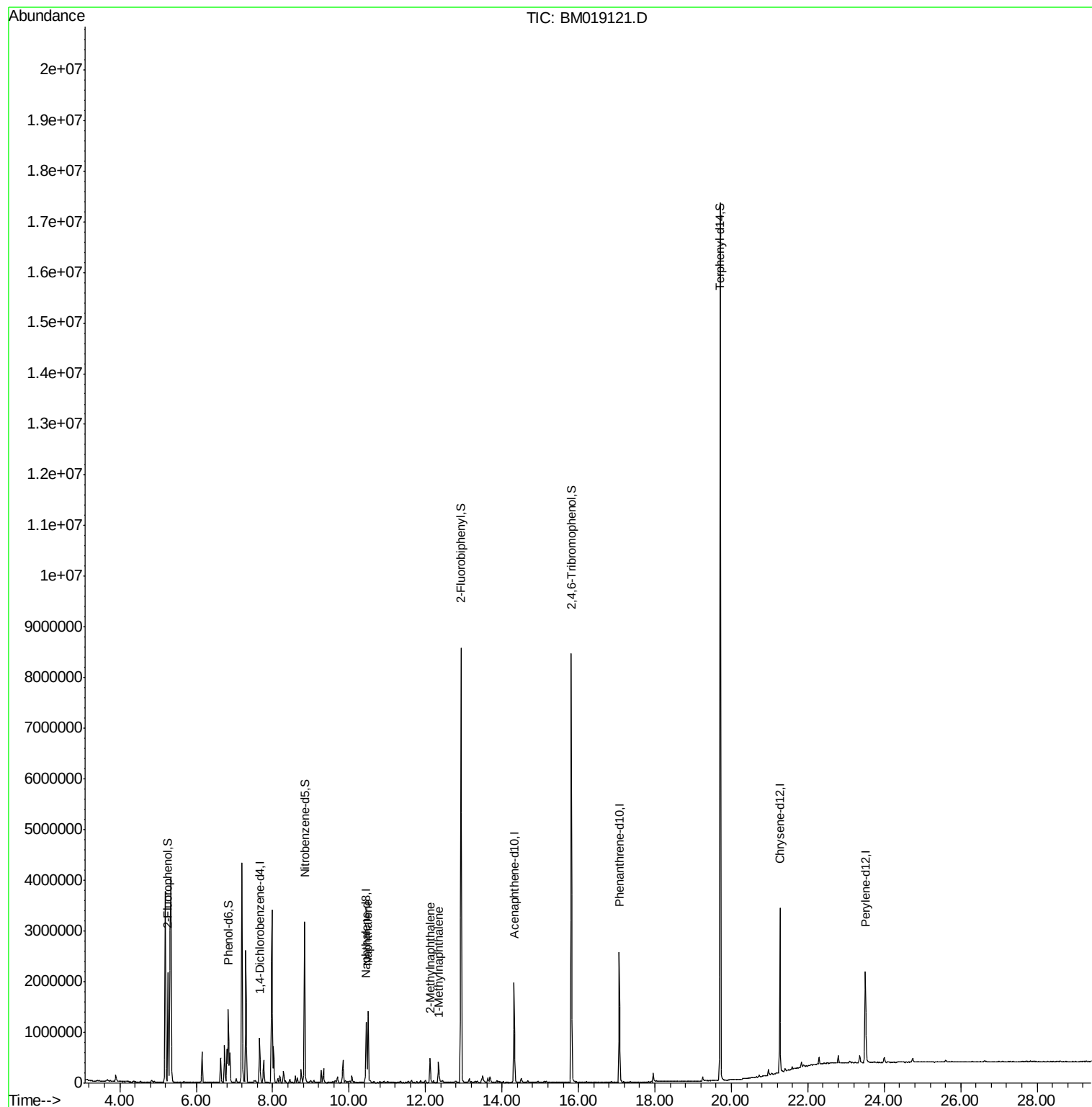
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	222658	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	949432	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	614576	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1420812	20.00	ng	0.00
76) Chrysene-d12	21.27	240	1434302	20.00	ng	0.00
87) Perylene-d12	23.51	264	1321523	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	918803	66.83	ng	0.00
7) Phenol-d6	6.84	99	814967	40.52	ng	0.00
23) Nitrobenzene-d5	8.83	82	1923717	95.78	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	1493726	164.62	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	4286118	90.72	ng	0.00
79) Terphenyl-d14	19.71	244	7725673	106.93	ng	0.00
Target Compounds						
31) Naphthalene	10.50	128	1126612	22.513	ng	100
37) 2-Methylnaphthalene	12.12	142	234905	6.460	ng	99
38) 1-Methylnaphthalene	12.34	142	179857	5.018	ng	99

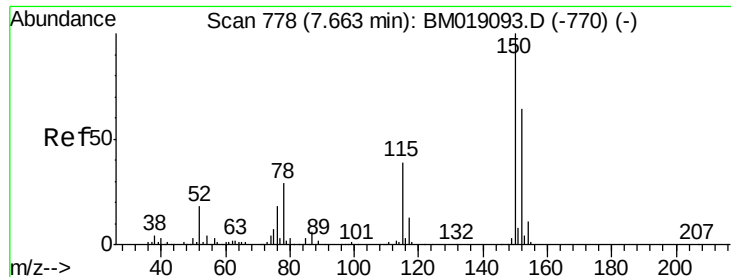
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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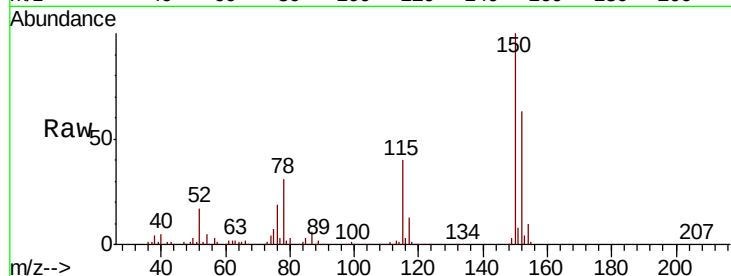


#1

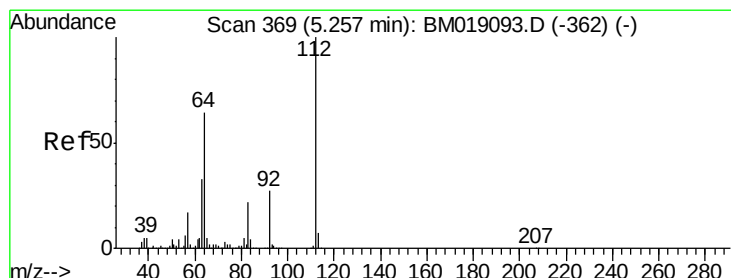
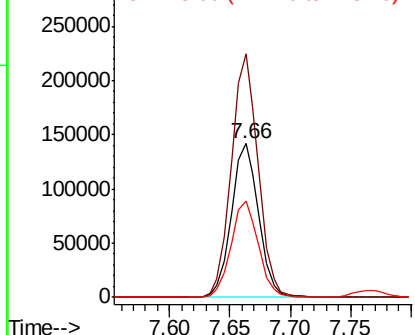
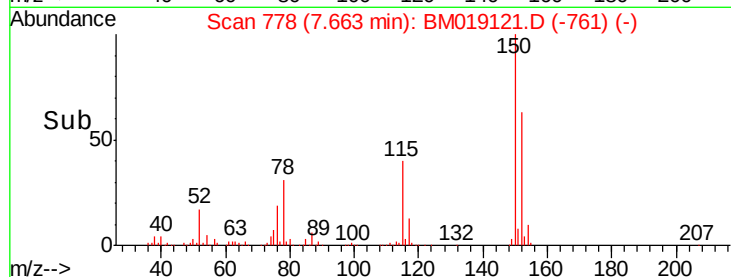
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 778
Delta R.T. -0.00 min
Lab File: BM019121.D
Acq: 12 Mar 2019 20:44

Instrument :
BNA_M
ClientSampleId :
PR-MW-05_030819

Tot Ion:152 Resp: 222658
Ion Ratio Lower Upper
152 100
150 158.4 125.3 187.9
115 63.0 49.4 74.0



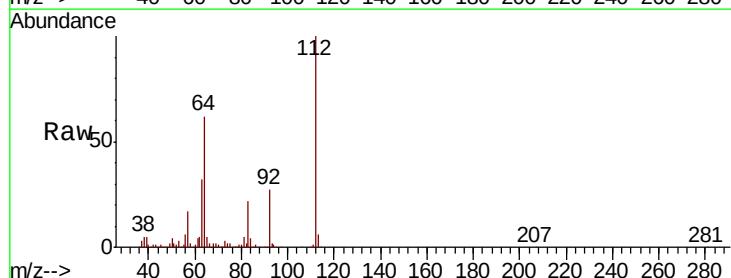
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



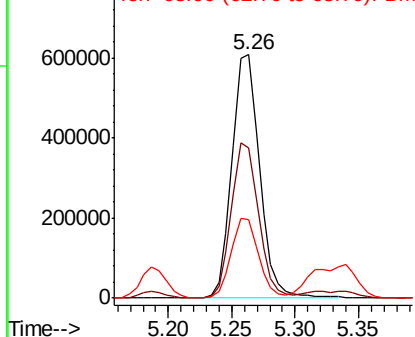
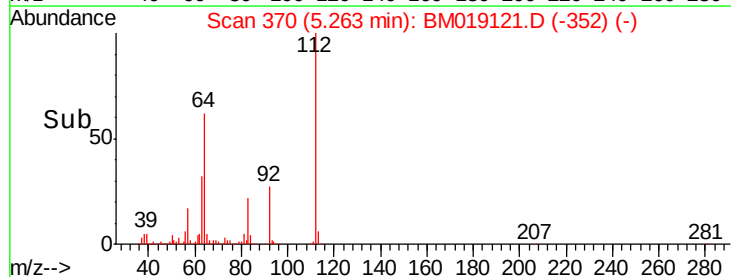
#5

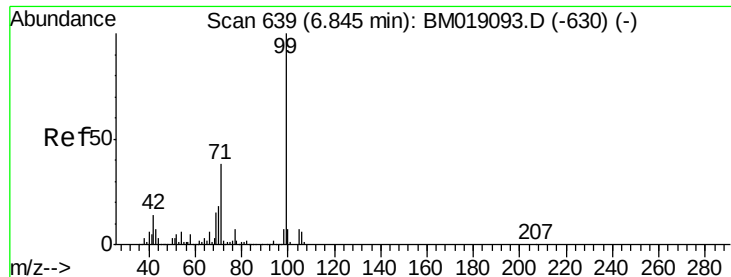
2-Fluorophenol
Concen: 66.828 ng
RT: 5.26 min Scan# 370
Delta R.T. 0.01 min
Lab File: BM019121.D
Acq: 12 Mar 2019 20:44

Tgt Ion:112 Resp: 918803
Ion Ratio Lower Upper
112 100
64 61.7 51.4 77.0
63 32.2 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: 40.525 ng

RT: 6.84 min Scan# 638

Delta R.T. -0.01 min

Lab File: BM019121.D

Acq: 12 Mar 2019 20:44

Instrument :

BNA_M

ClientSampleId :

PR-MW-05_030819

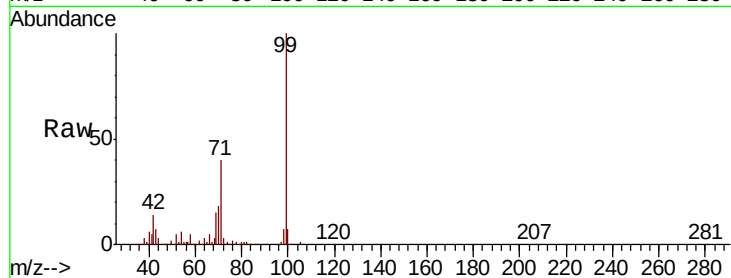
Tot Ion: 99 Resp: 814967

Ion Ratio Lower Upper

99 100

42 14.3 10.9 16.3

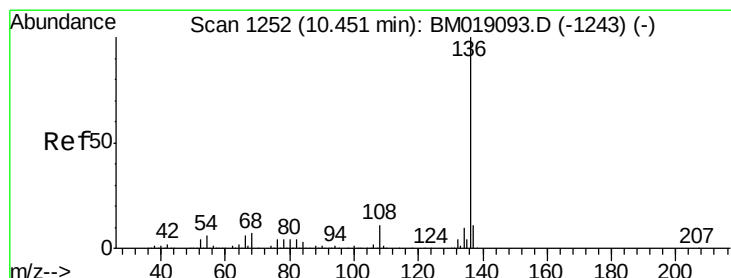
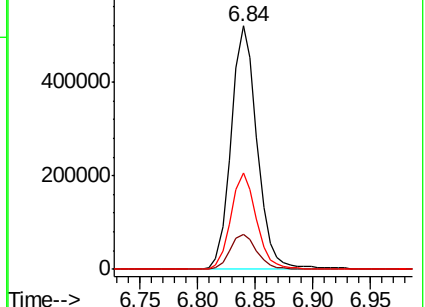
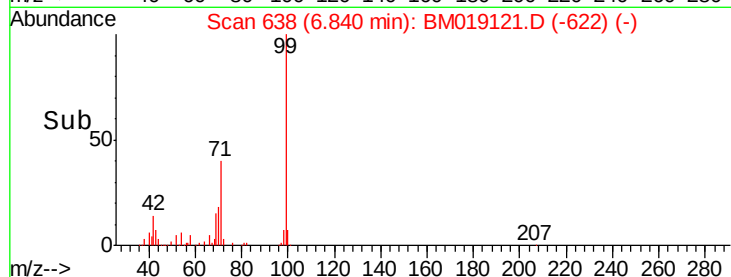
71 39.6 30.3 45.5



Abundance Ion 99.00 (98.70 to 99.70): BM019121.D (-622) (-)

Ion 42.00 (41.70 to 42.70): BM019121.D (-622) (-)

Ion 71.00 (70.70 to 71.70): BM019121.D (-622) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.45 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BM019121.D

Acq: 12 Mar 2019 20:44

Tgt Ion: 136 Resp: 949432

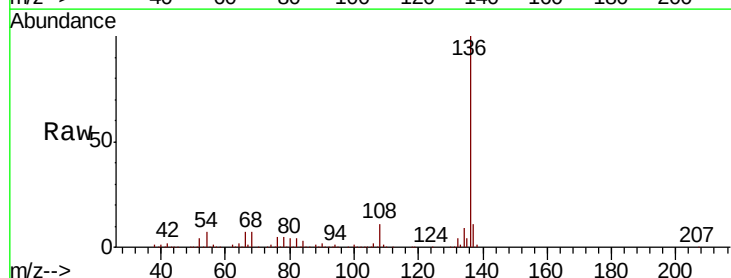
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 6.9 5.2 7.8

68 7.5 5.8 8.8

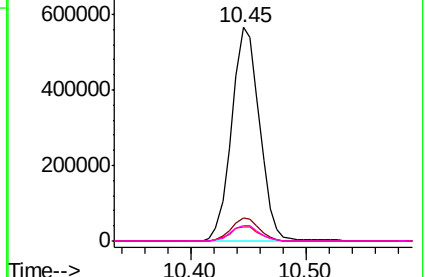
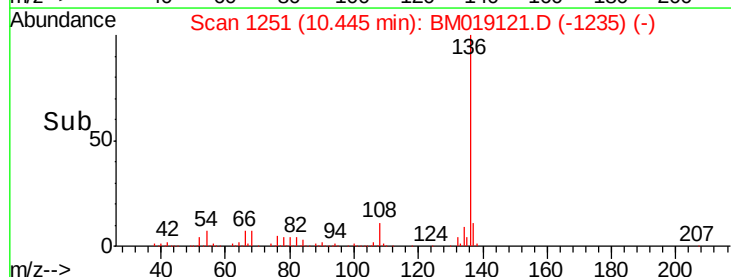


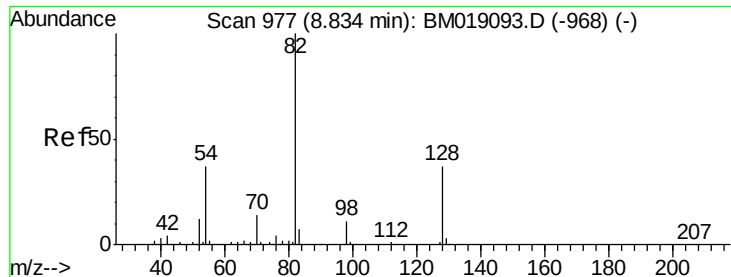
Abundance Ion 136.00 (135.70 to 136.70): BM019121.D (-1235) (-)

Ion 137.00 (136.70 to 137.70): BM019121.D (-1235) (-)

Ion 54.00 (53.70 to 54.70): BM019121.D (-1235) (-)

Ion 68.00 (67.70 to 68.70): BM019121.D (-1235) (-)





#23

Nitrobenzene-d5

Concen: 95.778 ng

RT: 8.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BM019121.D

Acq: 12 Mar 2019 20:44

Instrument :

BNA_M

ClientSampleId :

PR-MW-05_030819

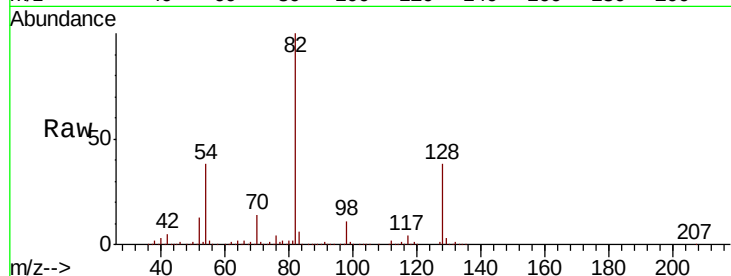
Tot Ion: 82 Resp: 1923717

Ion	Ratio	Lower	Upper
82	100		
128	38.2	29.4	44.2
54	37.9	29.9	44.9

82 100

128 38.2 29.4 44.2

54 37.9 29.9 44.9

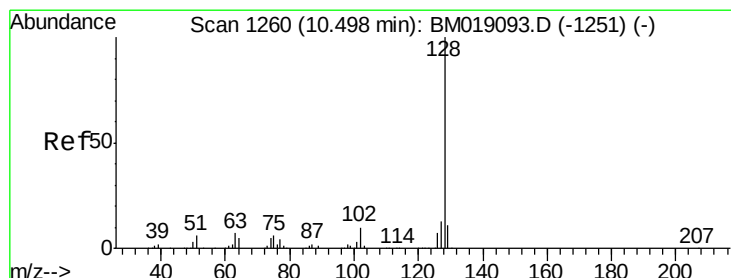
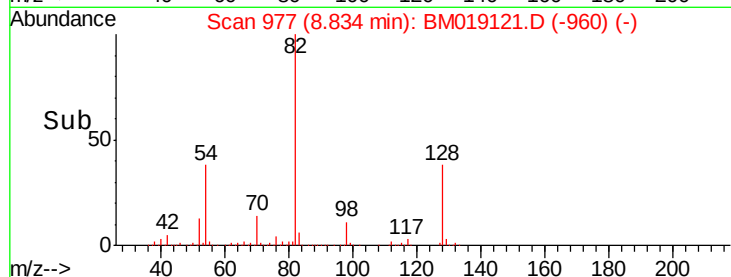
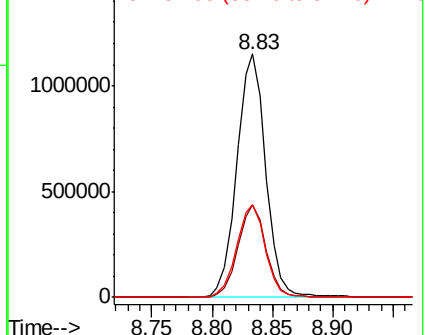


Abundance

Ion 82.00 (81.70 to 82.70): BM019121.D (-960) (-)

Ion 128.00 (127.70 to 128.70): BM019121.D (-960) (-)

Ion 54.00 (53.70 to 54.70): BM019121.D (-960) (-)



#31

Naphthalene

Concen: 22.513 ng

RT: 10.50 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BM019121.D

Acq: 12 Mar 2019 20:44

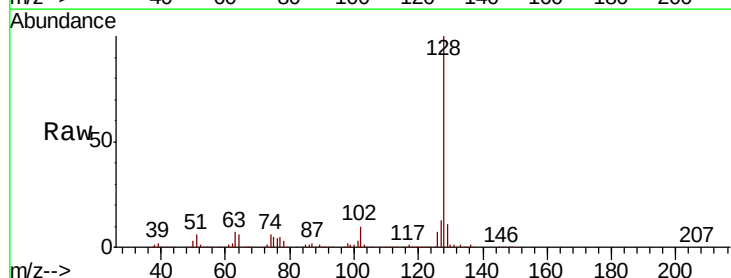
Tgt Ion: 128 Resp: 1126612

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	13.0
127	13.2	10.4	15.6

128 100

129 10.8 8.6 13.0

127 13.2 10.4 15.6

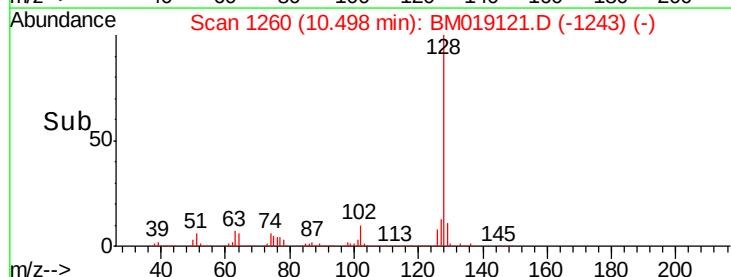
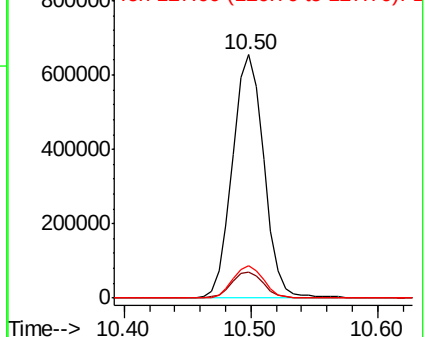


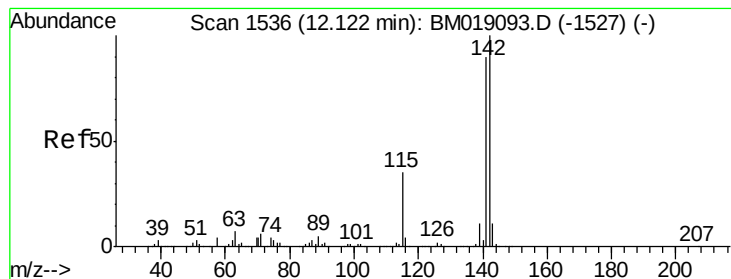
Abundance

Ion 128.00 (127.70 to 128.70): BM019121.D (-1243) (-)

Ion 129.00 (128.70 to 129.70): BM019121.D (-1243) (-)

Ion 127.00 (126.70 to 127.70): BM019121.D (-1243) (-)





#37

2-Methylnaphthalene

Concen: 6.460 ng

RT: 12.12 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BM019121.D

Acq: 12 Mar 2019 20:44

Instrument :

BNA_M

ClientSampleId :

PR-MW-05_030819

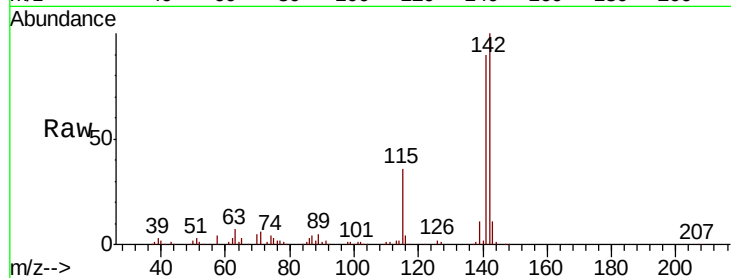
Tot Ion:142 Resp: 234905

Ion Ratio Lower Upper

142 100

141 89.9 72.3 108.5

115 35.6 27.8 41.8

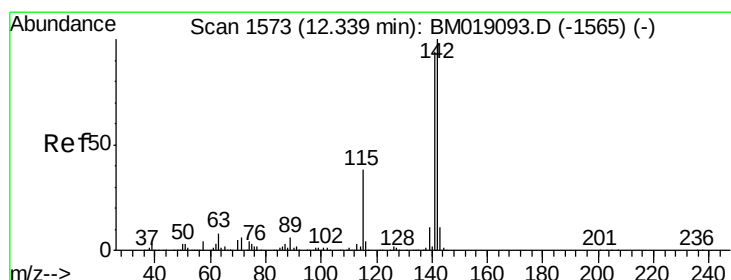
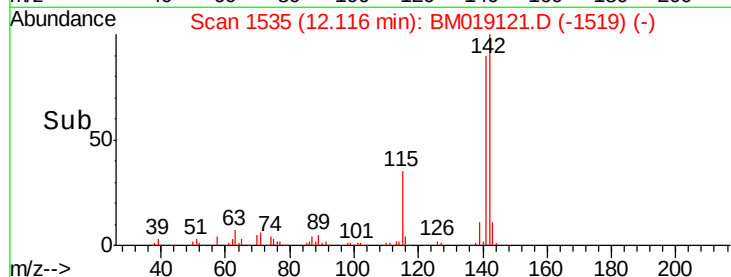
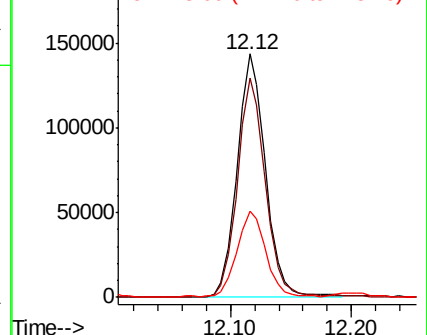


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 5.018 ng

RT: 12.34 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BM019121.D

Acq: 12 Mar 2019 20:44

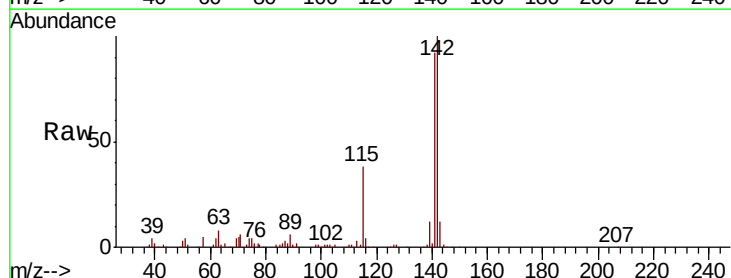
Tgt Ion:142 Resp: 179857

Ion Ratio Lower Upper

142 100

141 92.4 74.9 112.3

116 4.4 3.2 4.8

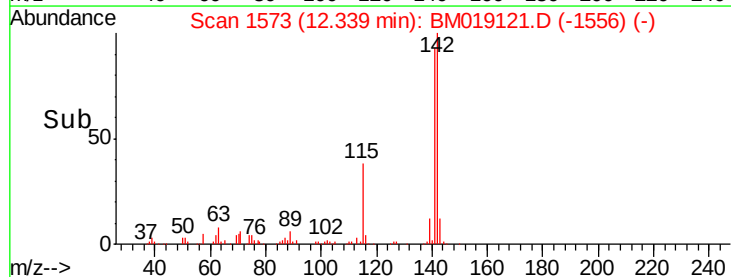
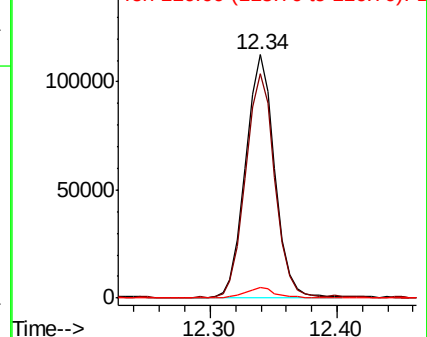


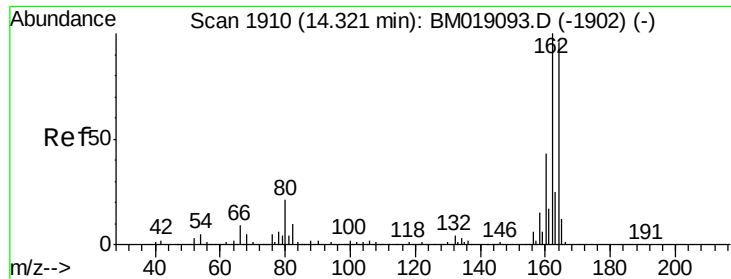
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.32 min Scan# 1909

Delta R.T. -0.01 min

Lab File: BM019121.D

Acq: 12 Mar 2019 20:44

Instrument :

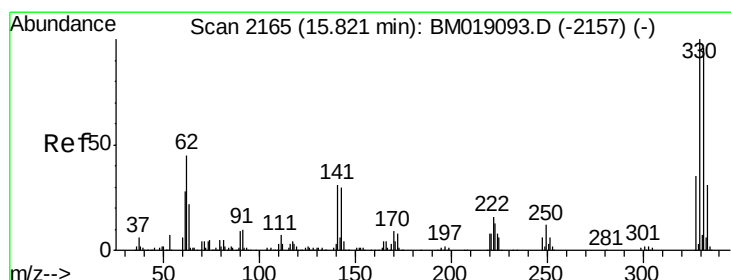
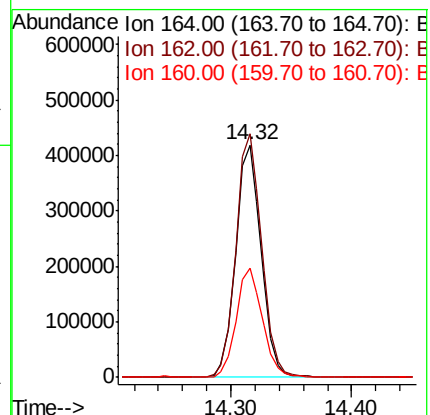
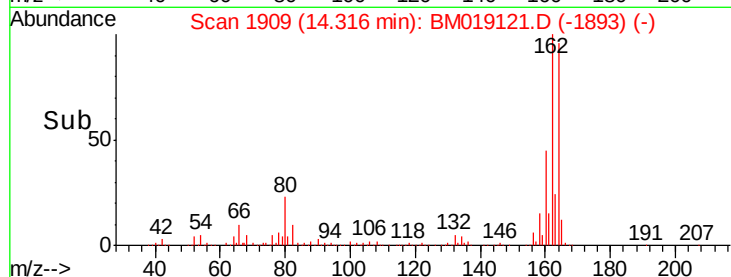
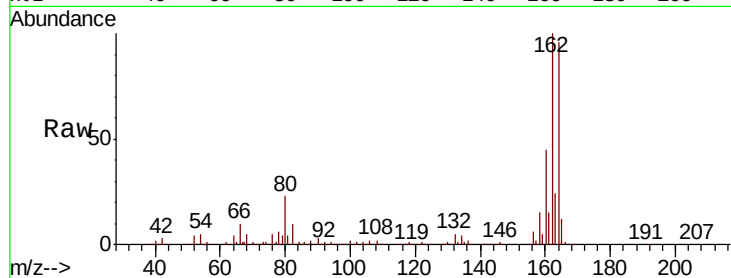
BNA_M

ClientSampleId :

PR-MW-05_030819

Tot Ion:164 Resp: 614576

Ion	Ratio	Lower	Upper
164	100		
162	104.7	83.5	125.3
160	46.8	36.3	54.5



#42

2,4,6-Tribromophenol

Concen: 164.616 ng

RT: 15.82 min Scan# 2164

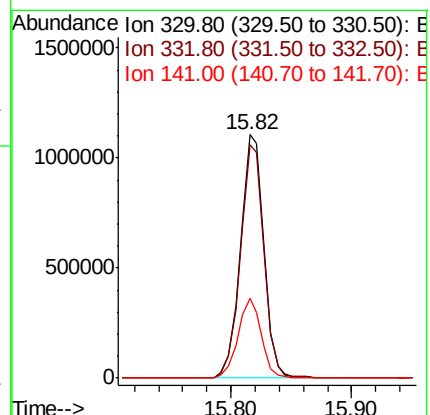
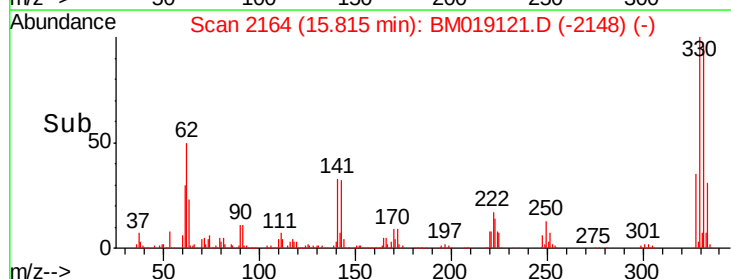
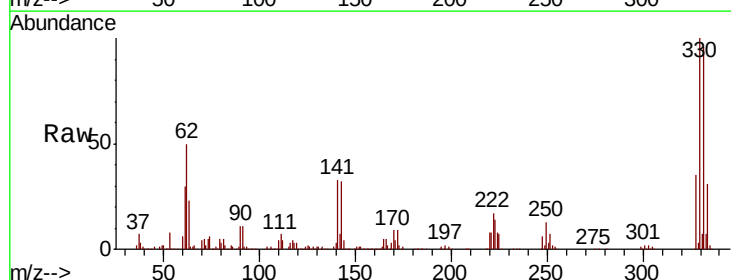
Delta R.T. -0.01 min

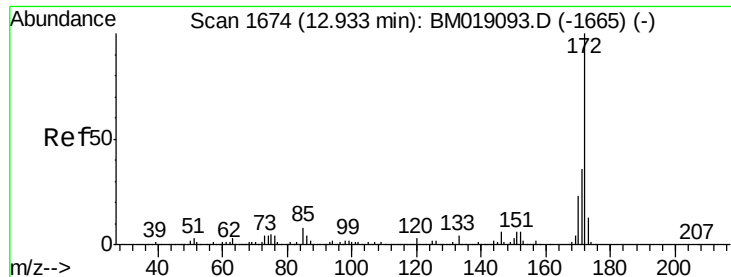
Lab File: BM019121.D

Acq: 12 Mar 2019 20:44

Tgt Ion:330 Resp: 1493726

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.8	115.2
141	32.8	27.0	40.4

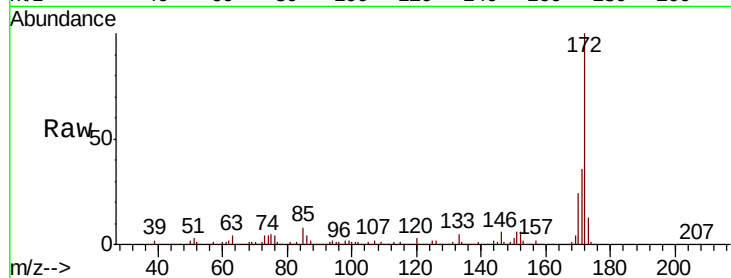




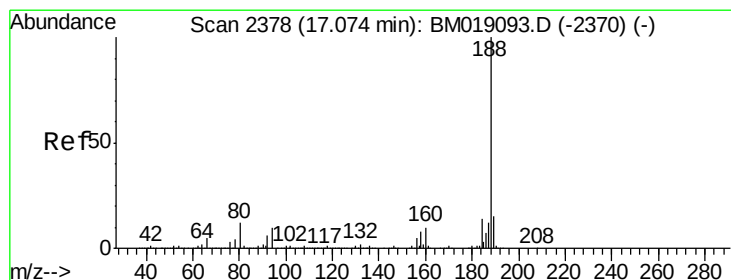
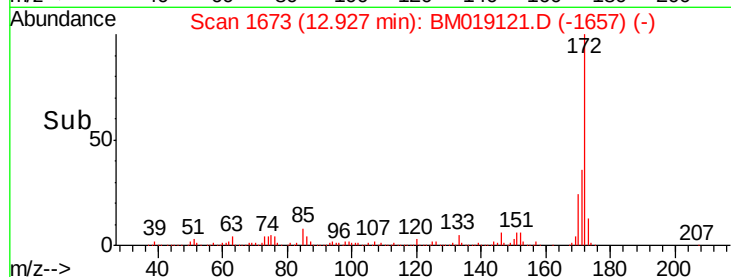
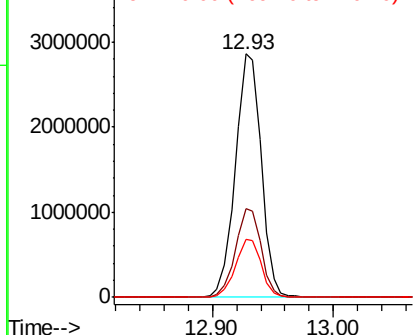
#45
2-Fluorobiphenyl
Concen: 90.716 ng
RT: 12.93 min Scan# 1673
Delta R.T. -0.01 min
Lab File: BM019121.D
Acq: 12 Mar 2019 20:44

Instrument :
BNA_M
ClientSampleId :
PR-MW-05_030819

Tot Ion:172 Resp: 4286118
Ion Ratio Lower Upper
172 100
171 36.2 28.6 42.8
170 23.6 18.6 28.0

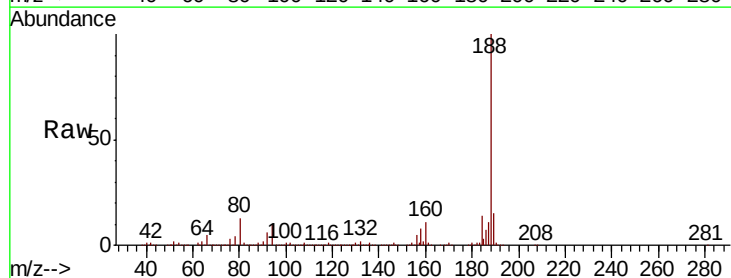


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

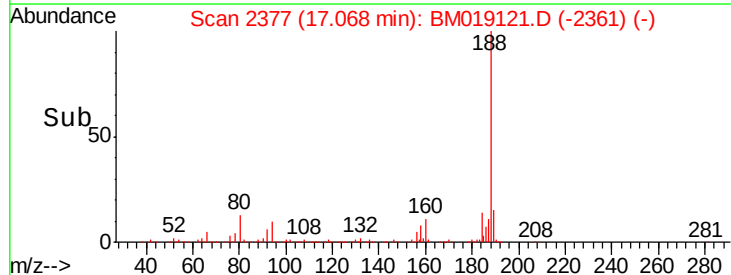
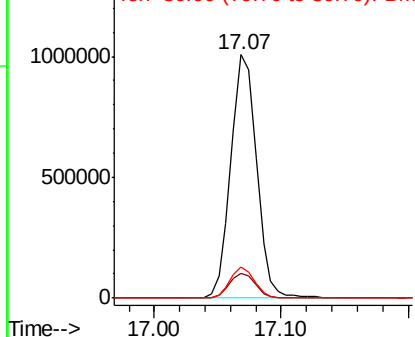


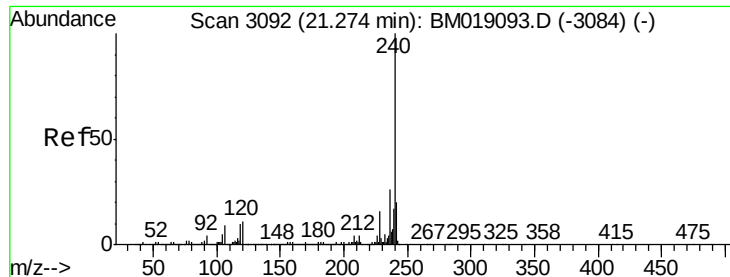
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2377
Delta R.T. -0.01 min
Lab File: BM019121.D
Acq: 12 Mar 2019 20:44

Tgt Ion:188 Resp: 1420812
Ion Ratio Lower Upper
188 100
94 10.3 8.1 12.1
80 12.7 9.7 14.5



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0



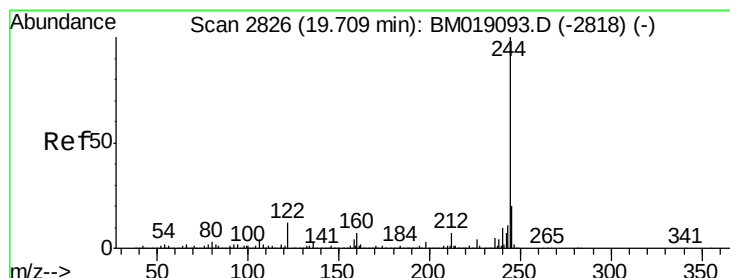
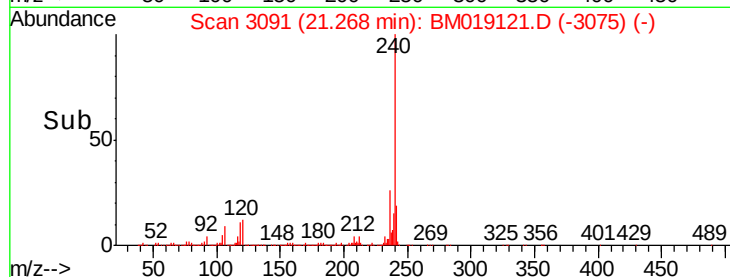
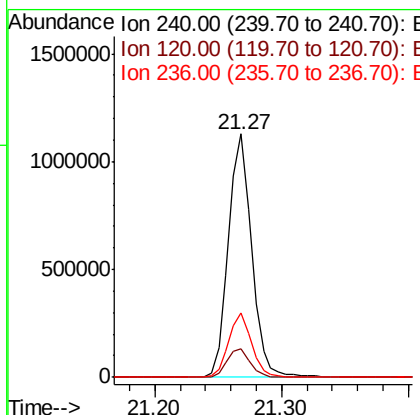
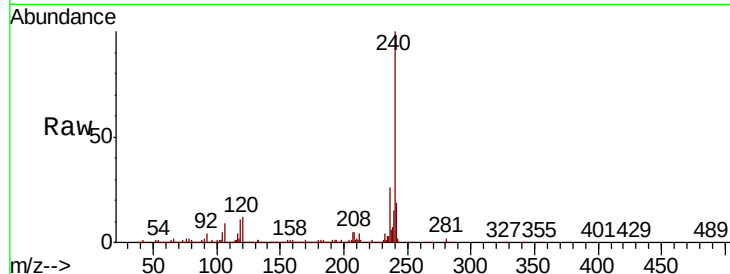


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.27 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BM019121.D
Acq: 12 Mar 2019 20:44

Instrument :
BNA_M
ClientSampleId :
PR-MW-05_030819

Tot Ion:240 Resp: 1434302

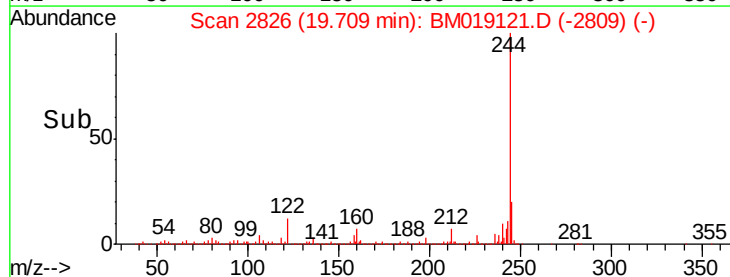
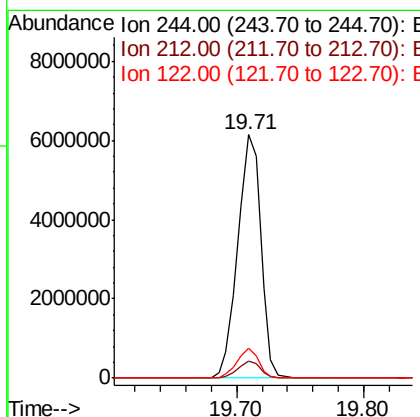
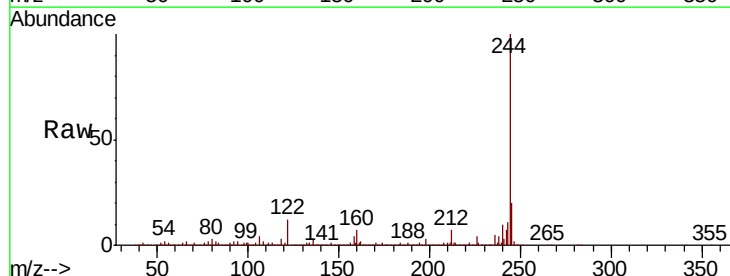
Ion	Ratio	Lower	Upper
240	100		
120	11.6	8.9	13.3
236	26.3	21.0	31.4

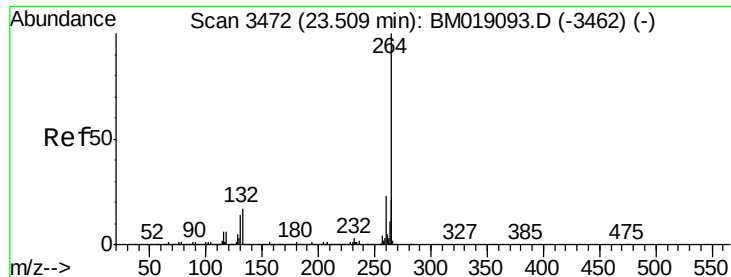


#79
Terphenyl-d14
Concen: 106.931 ng
RT: 19.71 min Scan# 2826
Delta R.T. -0.00 min
Lab File: BM019121.D
Acq: 12 Mar 2019 20:44

Tgt Ion:244 Resp: 7725673

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.2
122	12.0	9.4	14.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.51 min Scan# 3472
Delta R.T. -0.00 min
Lab File: BM019121.D
Acq: 12 Mar 2019 20:44

Instrument :
BNA_M
ClientSampleId :
PR-MW-05_030819

Tot Ion:264 Resp: 1321523

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.6	28.0
265	21.5	17.3	25.9

