

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\
 Data File : BM019142.D
 Acq On : 13 Mar 2019 10:53
 Operator : JU/SJ
 Sample : K1842-08DL 2X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PR-MW-01_030819DL

Quant Time: Mar 13 14:31:19 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

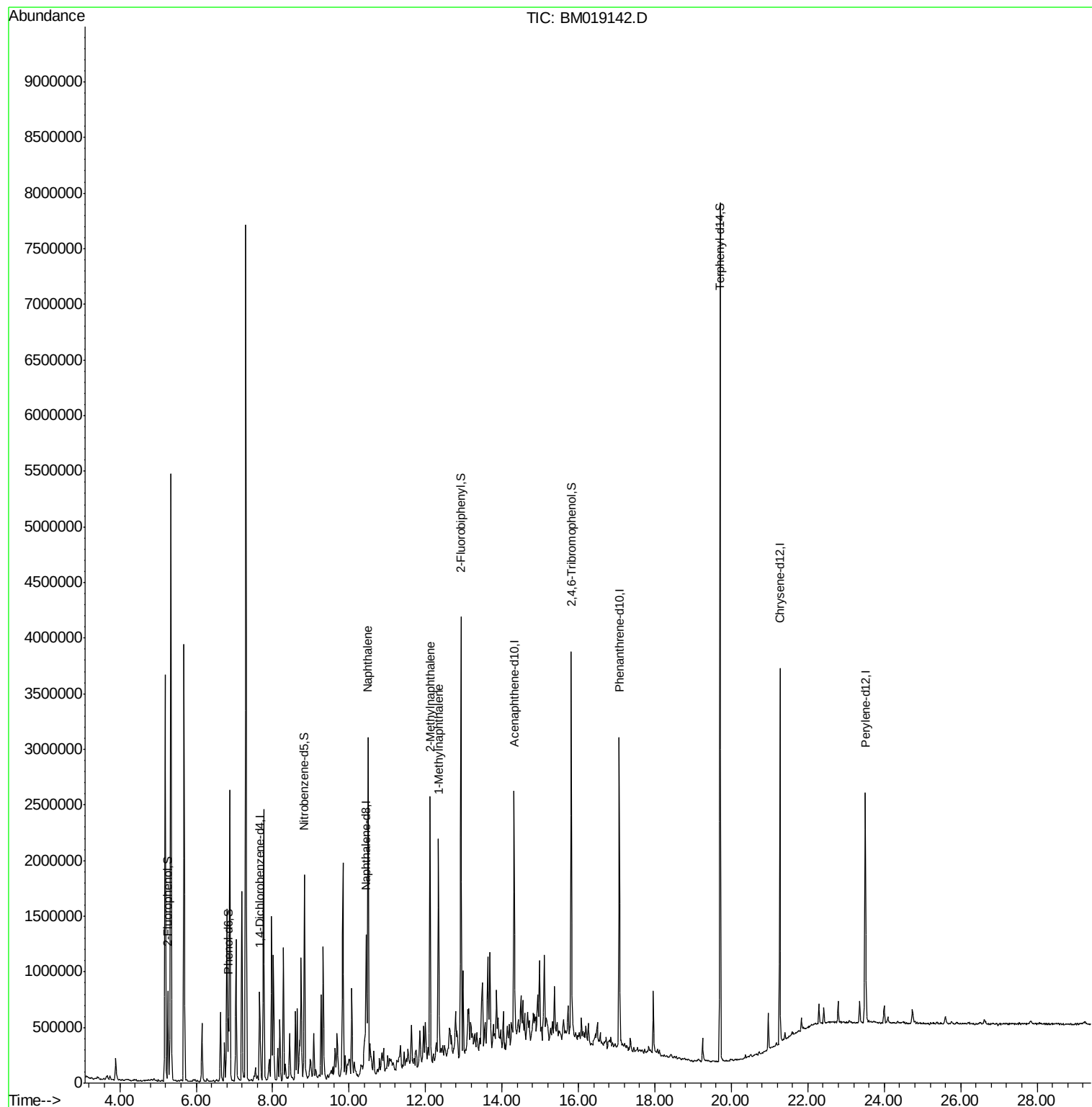
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	205665	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	985061	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	649480	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1493488	20.00	ng	0.00
76) Chrysene-d12	21.27	240	1569954	20.00	ng	0.00
87) Perylene-d12	23.50	264	1420778	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	347946	27.40	ng	0.00
7) Phenol-d6	6.84	99	334621	18.01	ng	0.00
23) Nitrobenzene-d5	8.83	82	815348	39.13	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	618322	64.48	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	1864276	37.34	ng	0.00
79) Terphenyl-d14	19.70	244	3258038	41.20	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.50	128	2259253	43.514	ng	99
37) 2-Methylnaphthalene	12.12	142	1063708	28.193	ng	100
38) 1-Methylnaphthalene	12.34	142	876154	23.560	ng	99

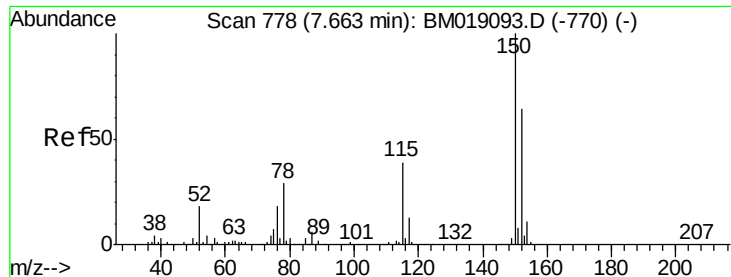
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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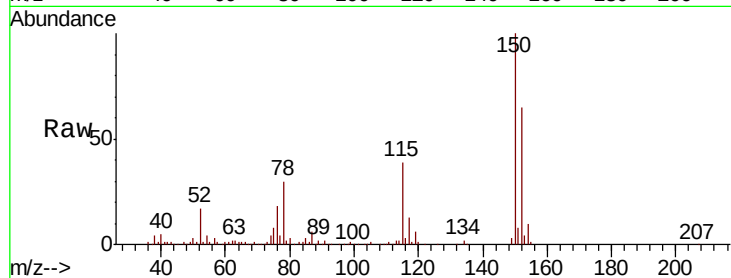


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 778
Delta R.T. 0.00 min
Lab File: BM019142.D
Acq: 13 Mar 2019 10:53

Instrument :
BNA_M
ClientSampleId :
PR-MW-01_030819DL

Tot Ion	152	Resp	205665
Ion	Ratio	Lower	Upper
152	100		
150	154.2	125.3	187.9
115	60.3	49.4	74.0

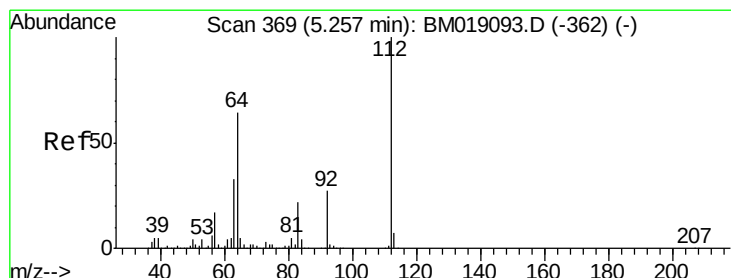
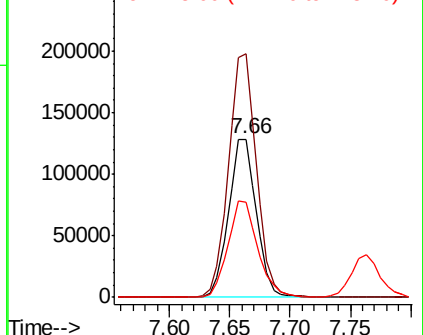
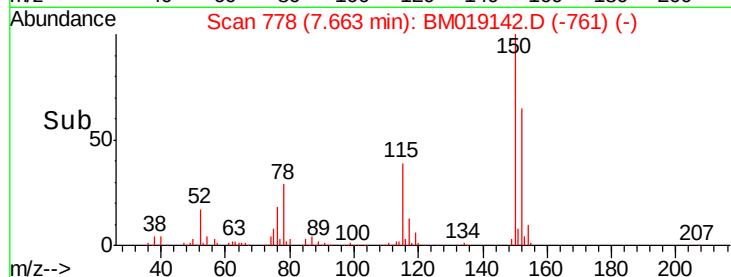


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

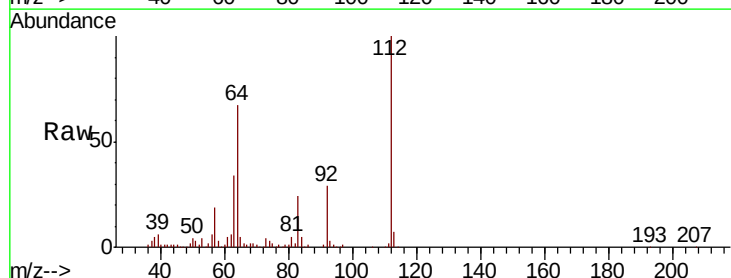
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 27.398 ng
RT: 5.26 min Scan# 369
Delta R.T. 0.00 min
Lab File: BM019142.D
Acq: 13 Mar 2019 10:53

Tgt Ion	112	Resp	347946
Ion	Ratio	Lower	Upper
112	100		
64	66.6	51.4	77.0
63	34.5	26.6	40.0

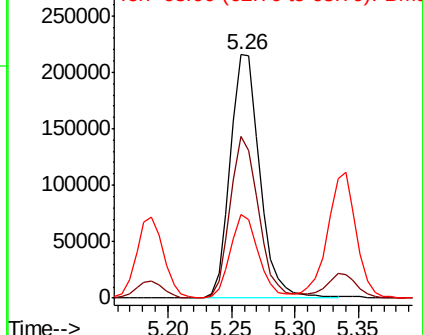
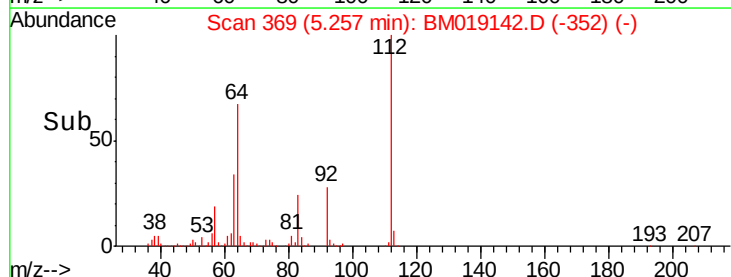


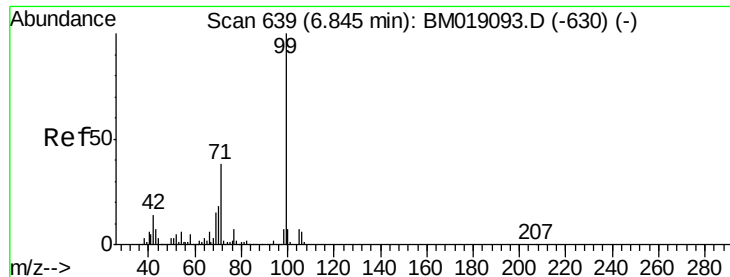
Abundance

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: 18.014 ng

RT: 6.84 min Scan# 638

Delta R.T. -0.01 min

Lab File: BM019142.D

Acq: 13 Mar 2019 10:53

Instrument :

BNA_M

ClientSampleId :

PR-MW-01_030819DL

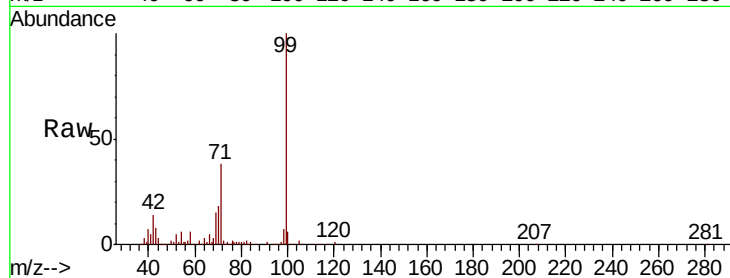
Tot Ion: 99 Resp: 334621

Ion Ratio Lower Upper

99 100

42 14.4 10.9 16.3

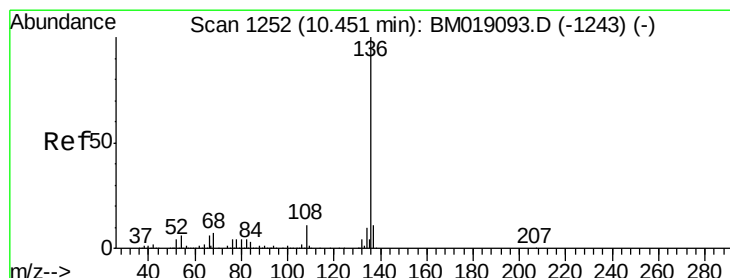
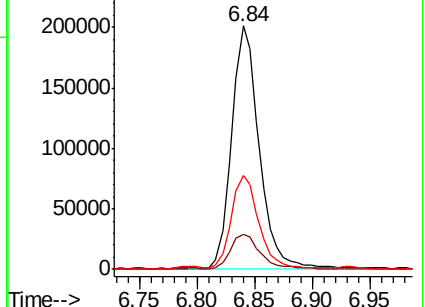
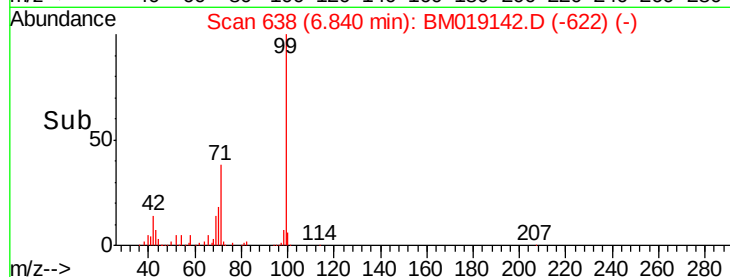
71 38.4 30.3 45.5



Abundance Ion 99.00 (98.70 to 99.70): BM019142.D (-622) (-)

Ion 42.00 (41.70 to 42.70): BM019142.D (-622) (-)

Ion 71.00 (70.70 to 71.70): BM019142.D (-622) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.45 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BM019142.D

Acq: 13 Mar 2019 10:53

Tgt Ion: 136 Resp: 985061

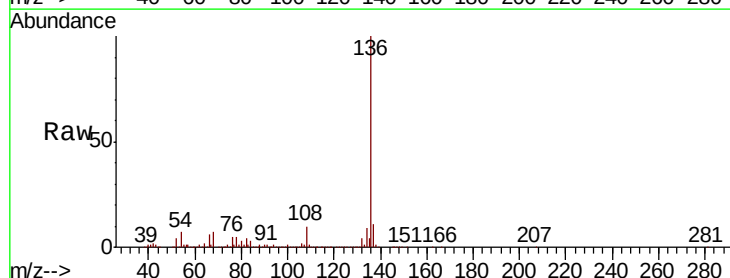
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 7.1 5.2 7.8

68 7.4 5.8 8.8

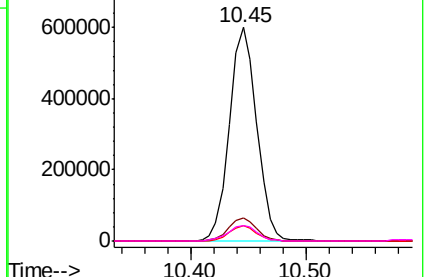
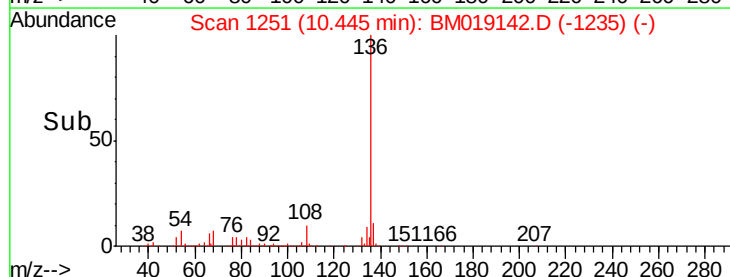


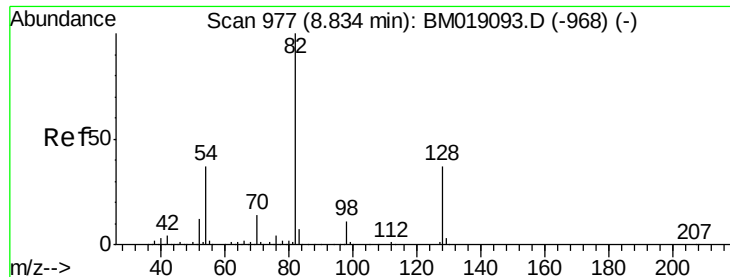
Abundance Ion 136.00 (135.70 to 136.70): BM019142.D (-1235) (-)

Ion 137.00 (136.70 to 137.70): BM019142.D (-1235) (-)

Ion 54.00 (53.70 to 54.70): BM019142.D (-1235) (-)

Ion 68.00 (67.70 to 68.70): BM019142.D (-1235) (-)

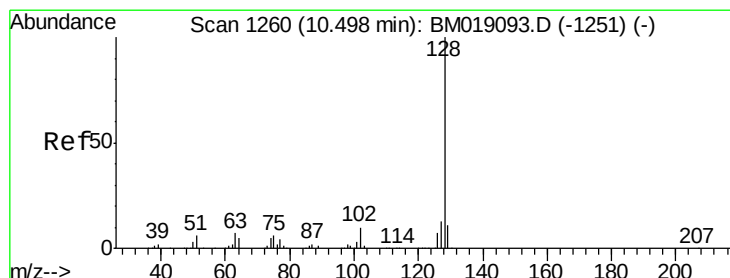
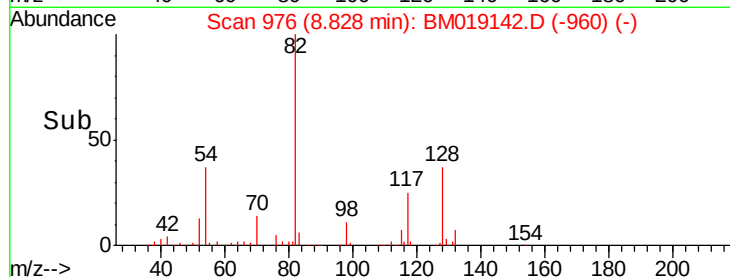
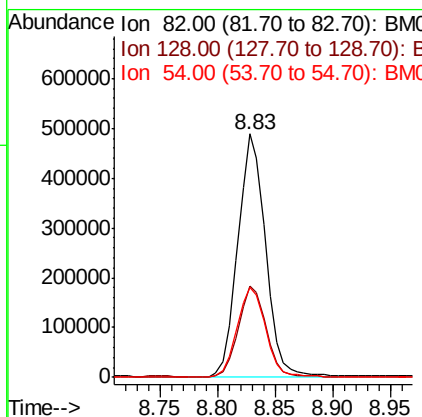
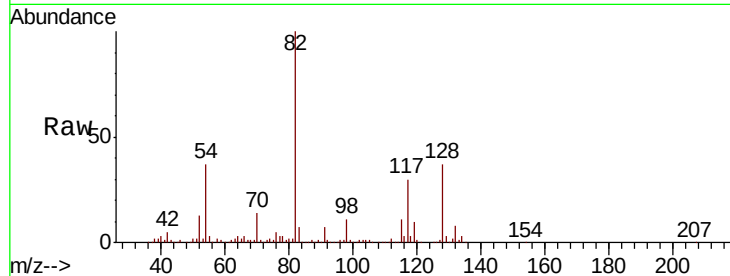




#23
Nitrobenzene-d5
Concen: 39.126 ng
RT: 8.83 min Scan# 976
Delta R.T. -0.01 min
Lab File: BM019142.D
Acq: 13 Mar 2019 10:53

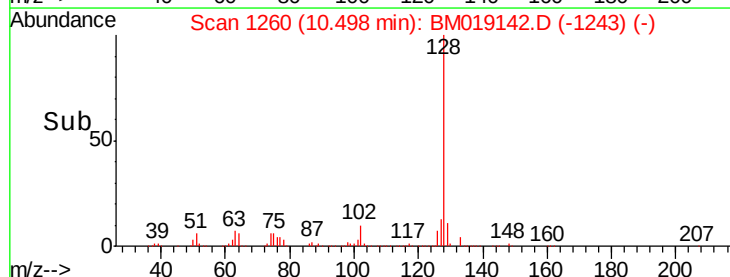
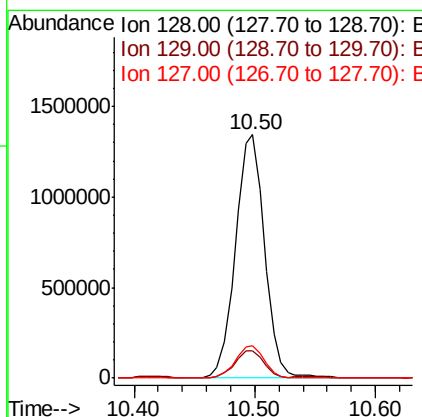
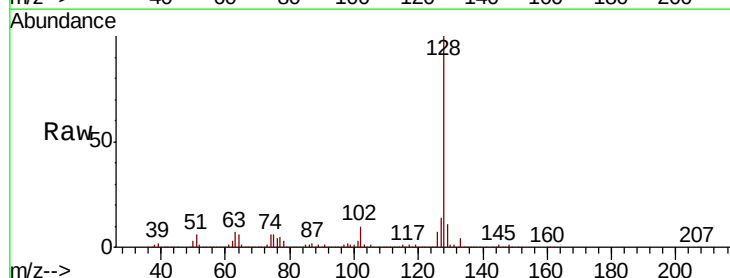
Instrument :
BNA_M
ClientSampleId :
PR-MW-01_030819DL

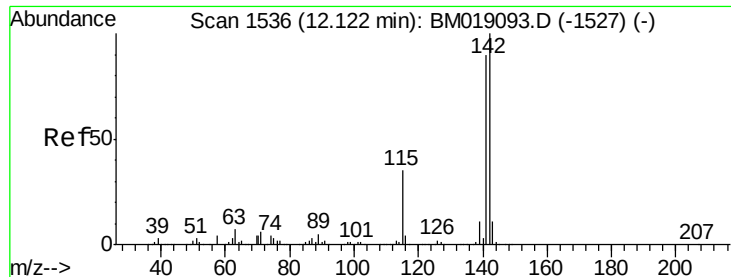
Tot Ion	82	Resp	815348
Ion Ratio	Lower	Upper	
82	100		
128	37.4	29.4	44.2
54	37.0	29.9	44.9



#31
Naphthalene
Concen: 43.514 ng
RT: 10.50 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BM019142.D
Acq: 13 Mar 2019 10:53

Tgt Ion	128	Resp	2259253
Ion Ratio	Lower	Upper	
128	100		
129	11.1	8.6	13.0
127	13.5	10.4	15.6

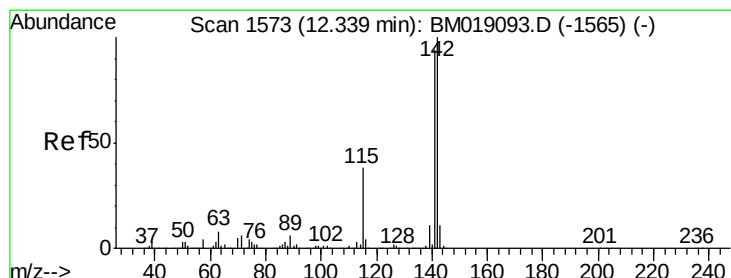
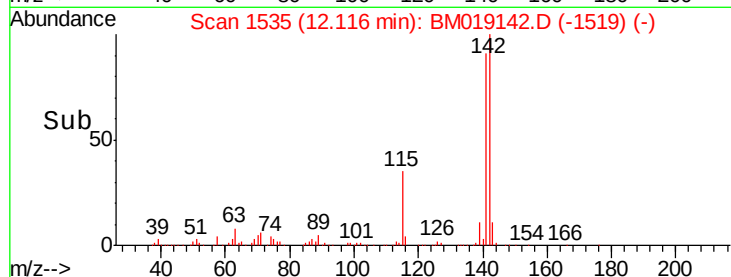
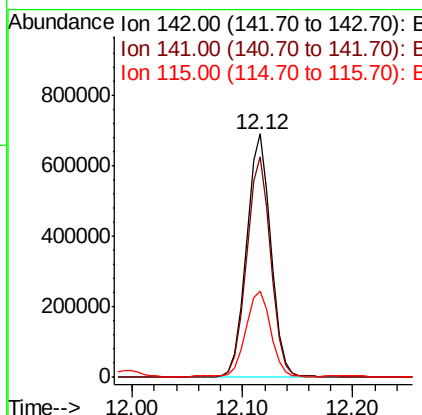
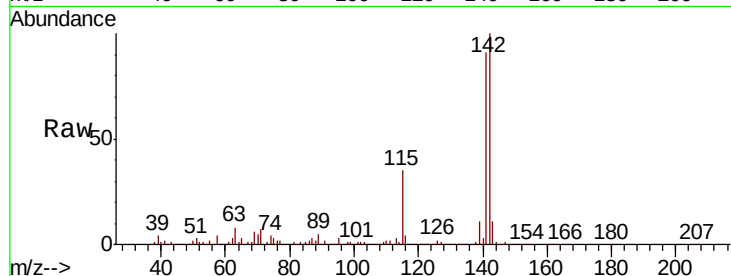




#37
2-Methylnaphthalene
Concen: 28.193 ng
RT: 12.12 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BM019142.D
Acq: 13 Mar 2019 10:53

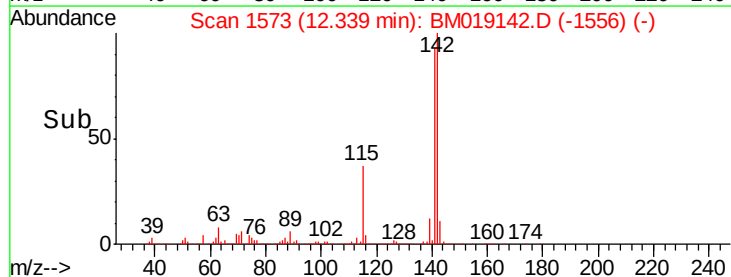
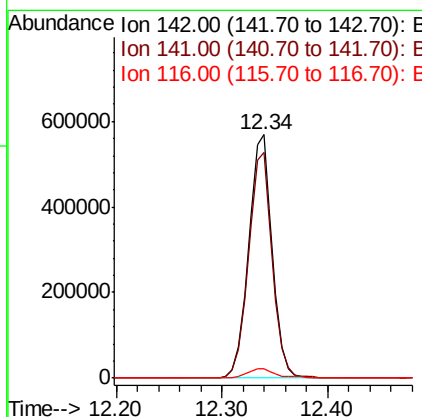
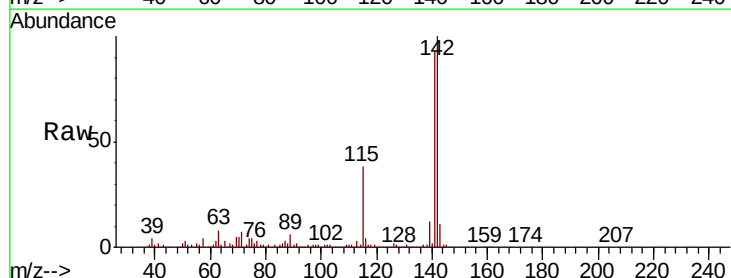
Instrument :
BNA_M
ClientSampleId :
PR-MW-01_030819DL

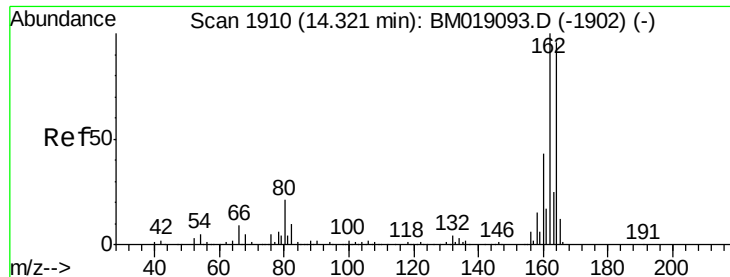
Tot Ion:142 Resp: 1063708
Ion Ratio Lower Upper
142 100
141 90.7 72.3 108.5
115 35.3 27.8 41.8



#38
1-Methylnaphthalene
Concen: 23.560 ng
RT: 12.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BM019142.D
Acq: 13 Mar 2019 10:53

Tgt Ion:142 Resp: 876154
Ion Ratio Lower Upper
142 100
141 92.5 74.9 112.3
116 4.0 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.32 min Scan# 1909

Delta R.T. -0.01 min

Lab File: BM019142.D

Acq: 13 Mar 2019 10:53

Instrument :

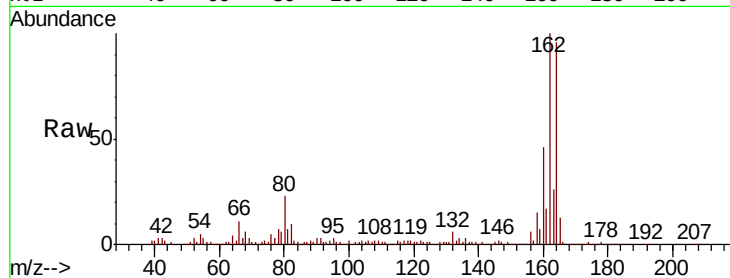
BNA_M

ClientSampleId :

PR-MW-01_030819DL

Tot Ion:164 Resp: 649480

Ion	Ratio	Lower	Upper
164	100		
162	103.8	83.5	125.3
160	47.5	36.3	54.5

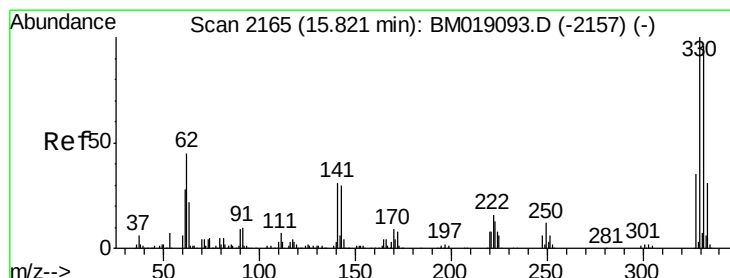
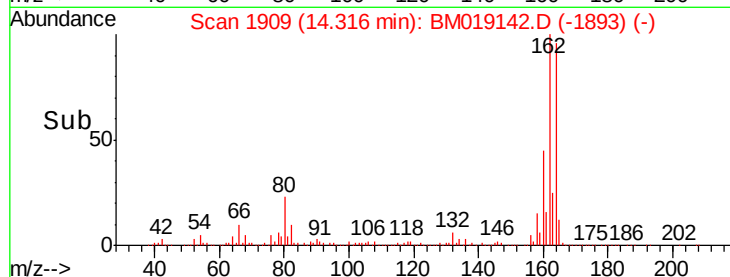
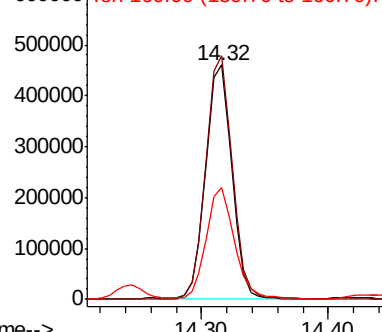


Abundance

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: 64.480 ng

RT: 15.82 min Scan# 2164

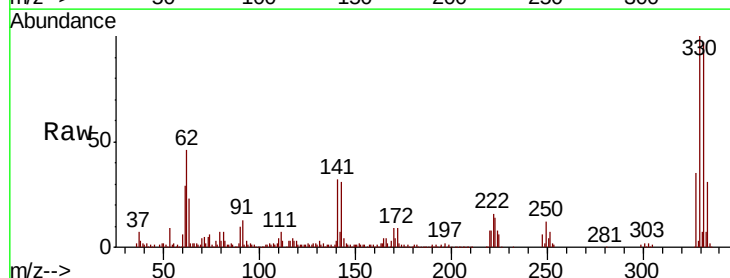
Delta R.T. -0.01 min

Lab File: BM019142.D

Acq: 13 Mar 2019 10:53

Tgt Ion:330 Resp: 618322

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.8	115.2
141	35.1	27.0	40.4

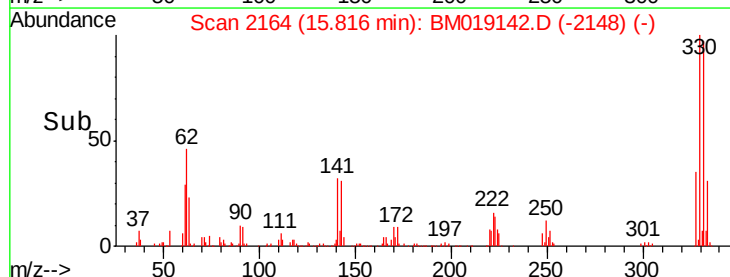
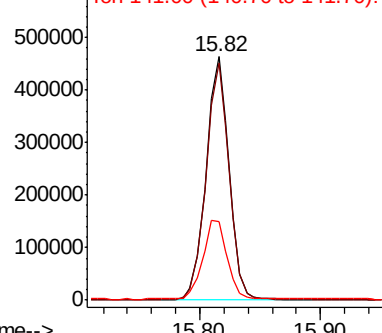


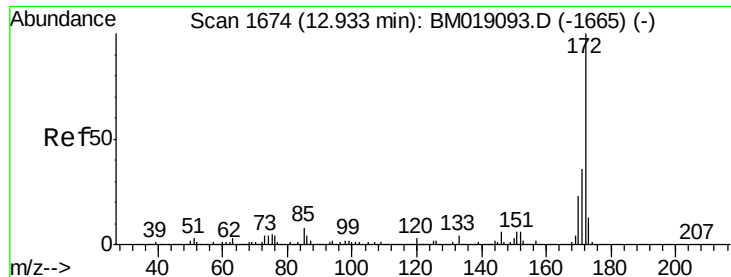
Abundance

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

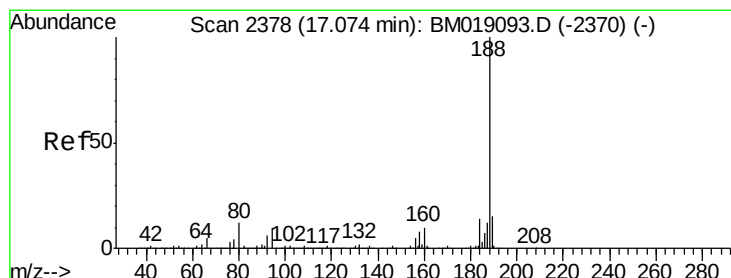
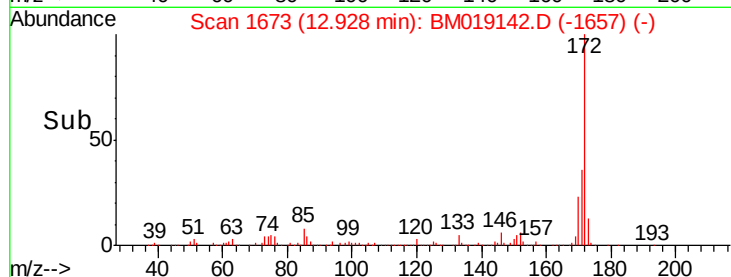
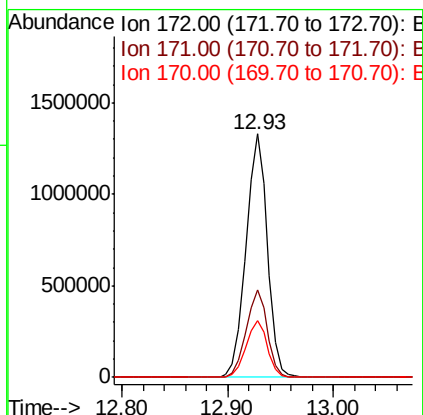
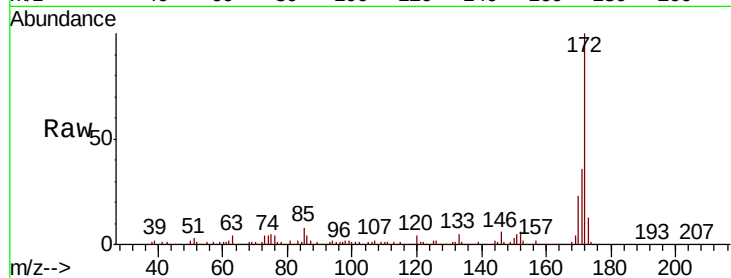




#45
2-Fluorobiphenyl
Concen: 37.337 ng
RT: 12.93 min Scan# 1673
Delta R.T. -0.01 min
Lab File: BM019142.D
Acq: 13 Mar 2019 10:53

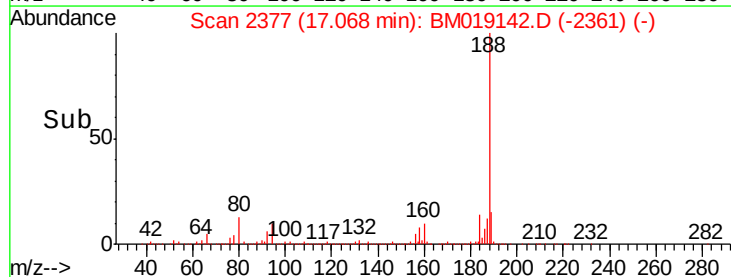
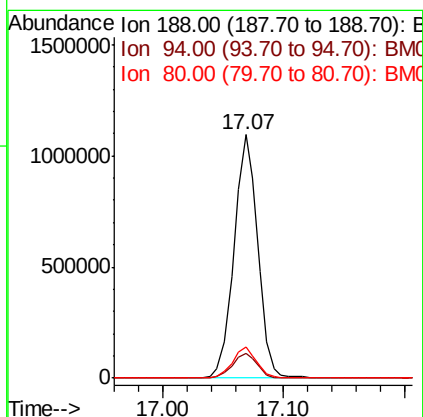
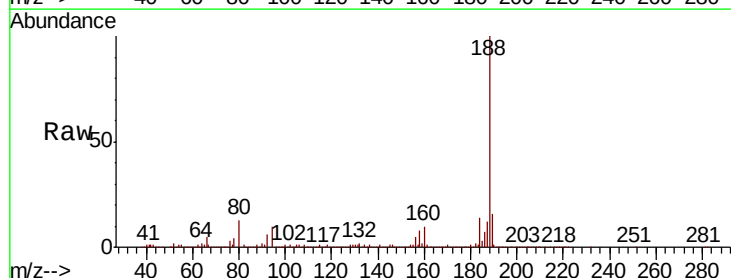
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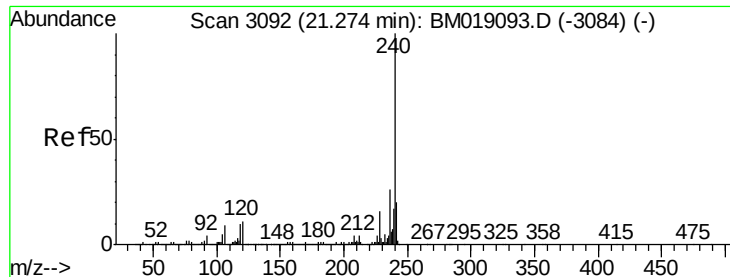
Tot Ion:172 Resp: 1864276
Ion Ratio Lower Upper
172 100
171 35.7 28.6 42.8
170 23.4 18.6 28.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2377
Delta R.T. -0.01 min
Lab File: BM019142.D
Acq: 13 Mar 2019 10:53

Tgt Ion:188 Resp: 1493488
Ion Ratio Lower Upper
188 100
94 10.2 8.1 12.1
80 12.8 9.7 14.5

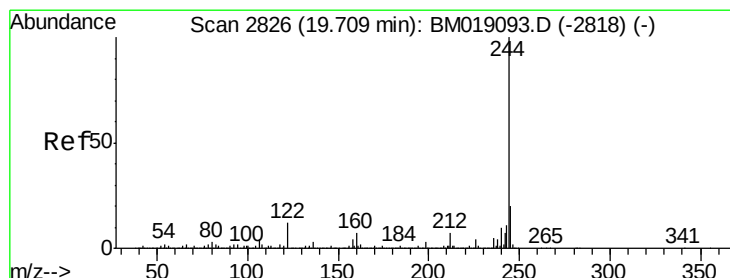
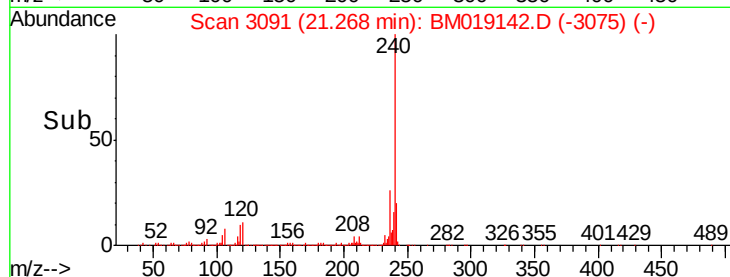
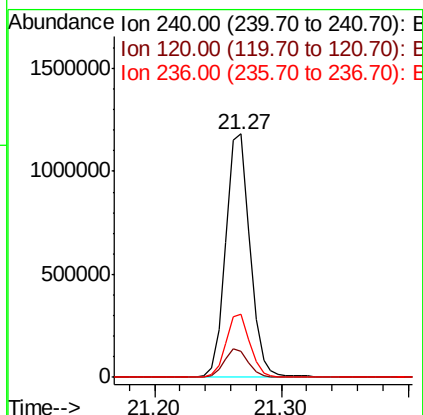
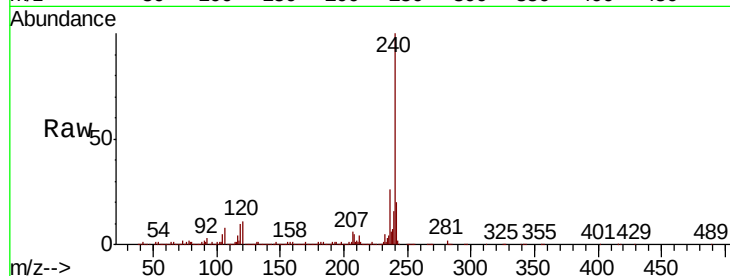




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.27 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BM019142.D
Acq: 13 Mar 2019 10:53

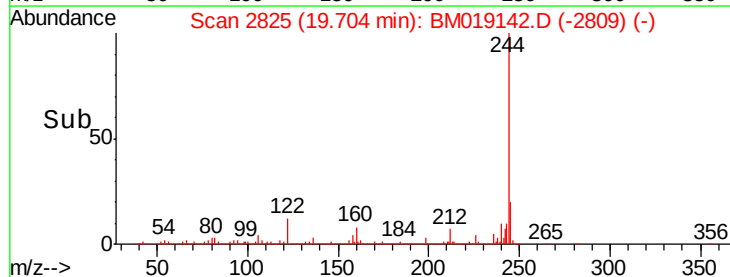
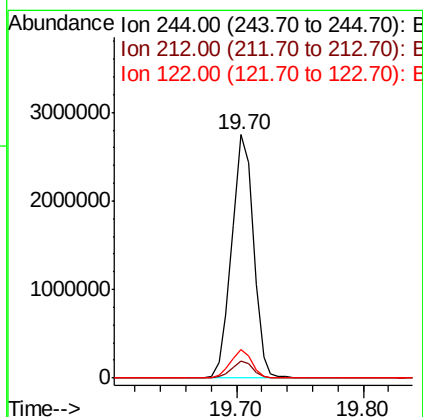
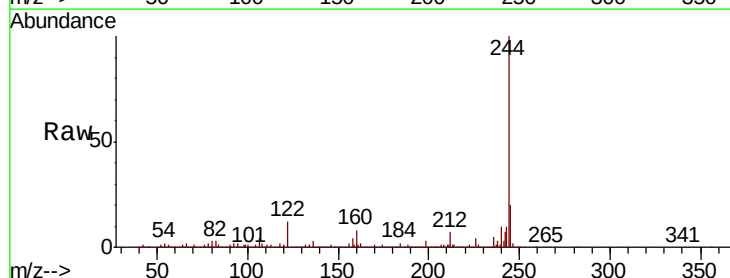
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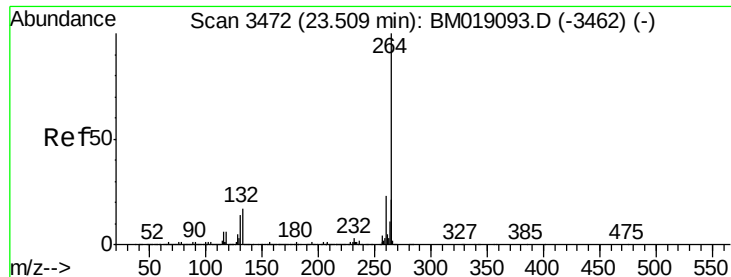
Tot Ion:240 Resp: 1569954
Ion Ratio Lower Upper
240 100
120 10.9 8.9 13.3
236 26.0 21.0 31.4



#79
Terphenyl-d14
Concen: 41.198 ng
RT: 19.70 min Scan# 2825
Delta R.T. -0.01 min
Lab File: BM019142.D
Acq: 13 Mar 2019 10:53

Tgt Ion:244 Resp: 3258038
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.2
122 11.9 9.4 14.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.50 min Scan# 3471
Delta R.T. -0.01 min
Lab File: BM019142.D
Acq: 13 Mar 2019 10:53

Instrument :
BNA_M
ClientSampleId :
PR-MW-01_030819DL

Tot Ion:264 Resp: 1420778

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	28.0
265	22.1	17.3	25.9

