

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031519\
 Data File : BM019187.D
 Acq On : 15 Mar 2019 15:37
 Operator : JU/SJ
 Sample : K1899-02DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-2ADL

Manual Integrations
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Sohil
 3/18/2019 3:04:29 PM

Quant Time: Mar 16 02:25:36 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	7.65	152	197127	20.00	ng	-0.01
21) Naphthalene-d8	10.44	136	976149	20.00	ng	-0.01
39) Acenaphthene-d10	14.31	164	619161	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	1370426	20.00	ng	-0.01
76) Chrysene-d12	21.26	240	1362126	20.00	ng	-0.01
87) Perylene-d12	23.50	264	1205056	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	144358	11.86	ng	0.00
7) Phenol-d6	6.83	99	136117	7.65	ng	-0.01
23) Nitrobenzene-d5	8.82	82	322482	15.62	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	218900	23.95	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	747918	15.71	ng	-0.01
79) Terphenyl-d14	19.70	244	1161400	16.93	ng	-0.01
Target Compounds						
17) 2-Methylphenol	8.10	107	30611	2.448	ng	91
27) 2,4-Dimethylphenol	9.63	122	60947m	4.605	ng	
31) Naphthalene	10.50	128	17380777	337.817	ng	# 93
37) 2-Methylnaphthalene	12.12	142	4916200	131.493	ng	99
38) 1-Methylnaphthalene	12.34	142	5044532	136.887	ng	99
46) 1,1'-Biphenyl	13.13	154	886509	16.395	ng	99
52) Acenaphthene	14.37	154	1401431	35.738	ng	99
55) Dibenzofuran	14.71	168	1291106	20.416	ng	99
58) Fluorene	15.36	166	792875	15.210	ng	98
71) Phenanthrene	17.10	178	646108	8.044	ng	100
73) Carbazole	17.48	167	284933	3.839	ng	100

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

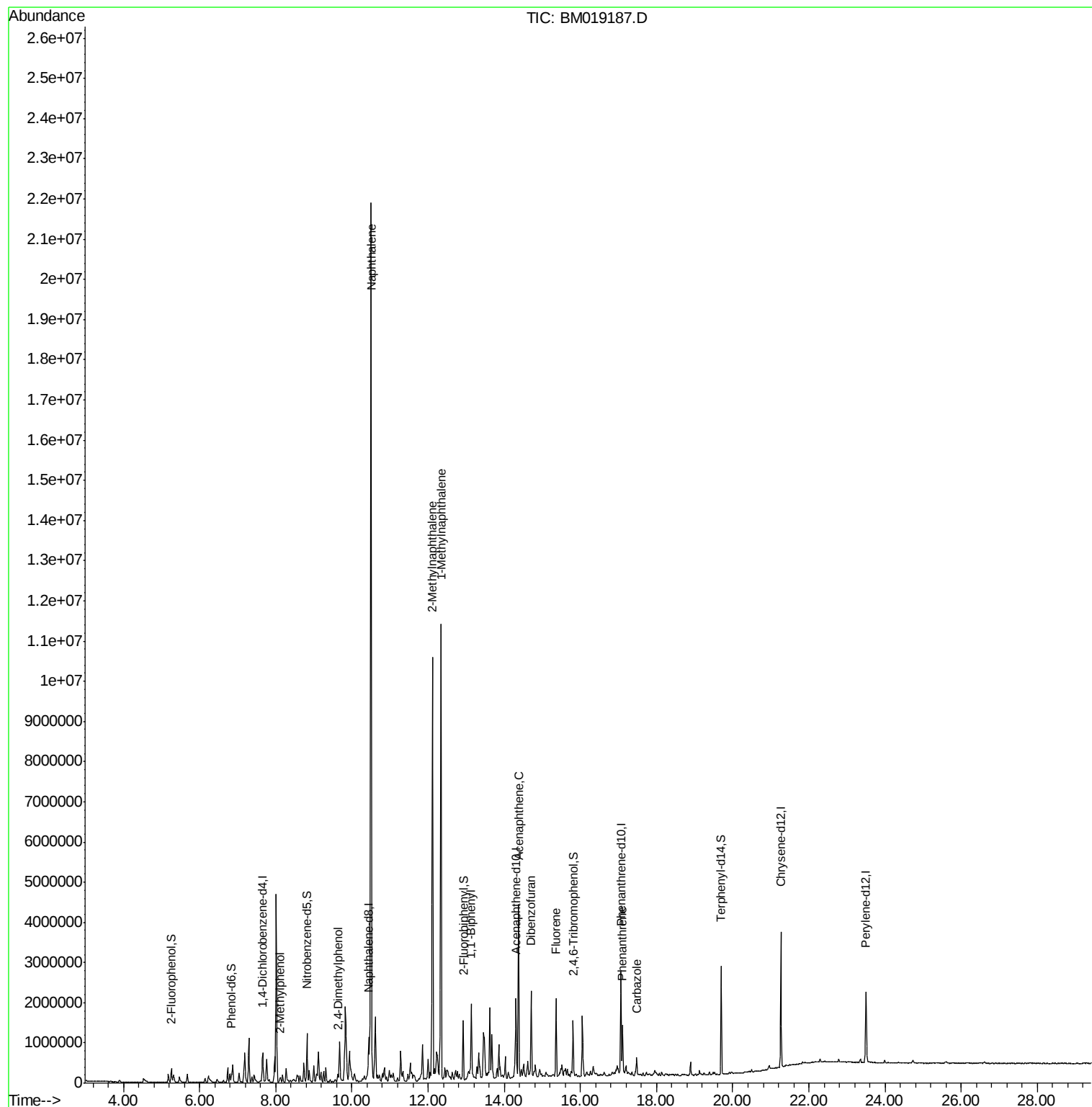
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031519\
Data File : BM019187.D
Acq On : 15 Mar 2019 15:37
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BNA_M
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Manual Integrations
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3/18/2019 3:04:29 PM

Quant Time: Mar 16 02:25:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

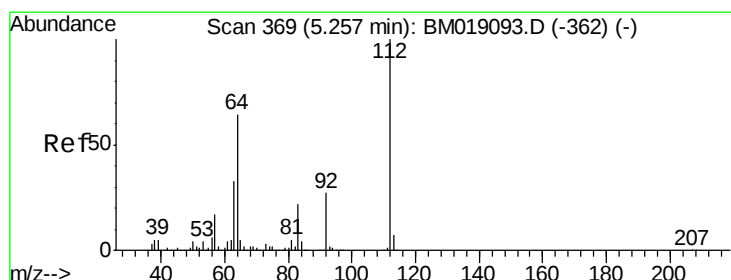
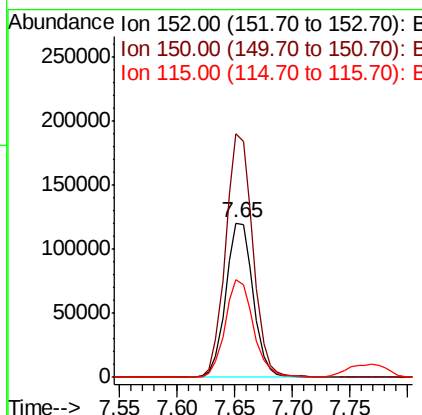
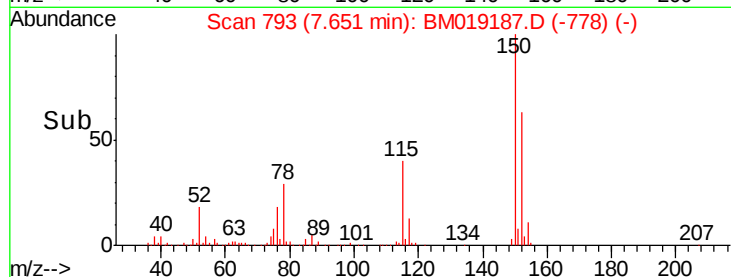
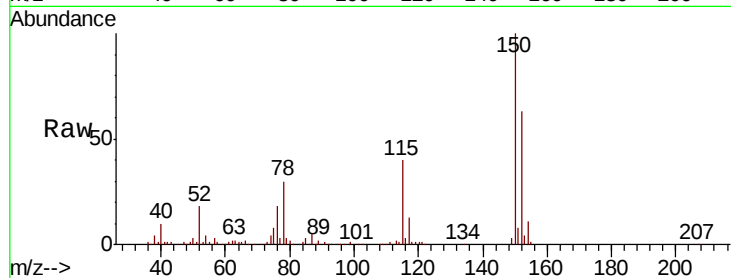
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.01 min
Lab File: BM019187.D
Acq: 15 Mar 2019 15:37

Instrument :
BNA_M
ClientSampleID :
MW-2ADL

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	125.3	187.9
115	63.2	49.4	74.0

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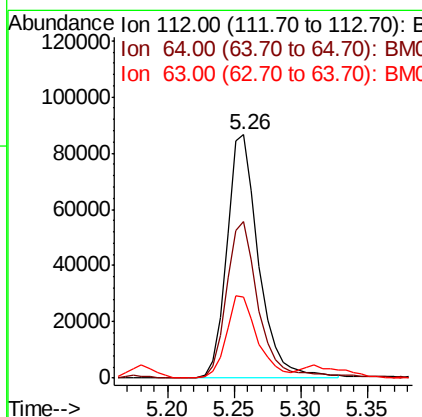
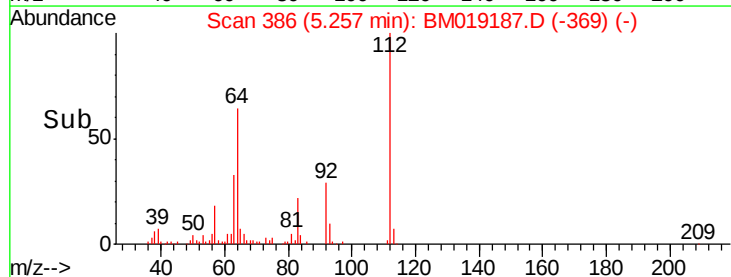
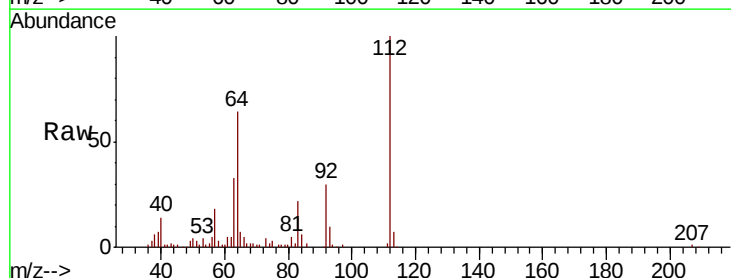
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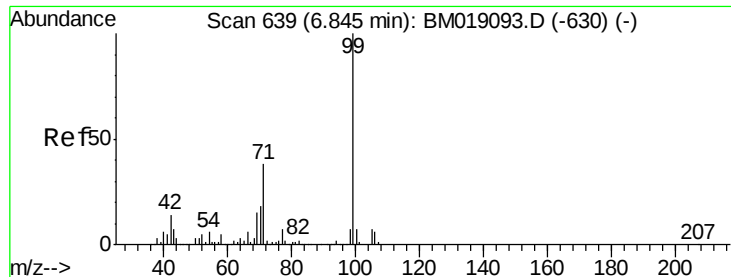


#5

2-Fluorophenol
Concen: 11.860 ng
RT: 5.26 min Scan# 386
Delta R.T. -0.00 min
Lab File: BM019187.D
Acq: 15 Mar 2019 15:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.4	51.4	77.0
63	33.2	26.6	40.0





#7

Phenol-d6

Concen: 7.645 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.01 min

Lab File: BM019187.D

Acq: 15 Mar 2019 15:37

Instrument :

BNA_M

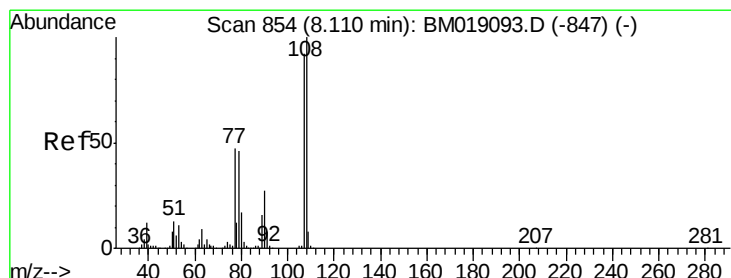
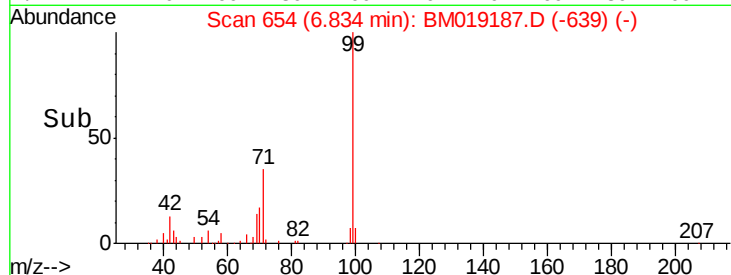
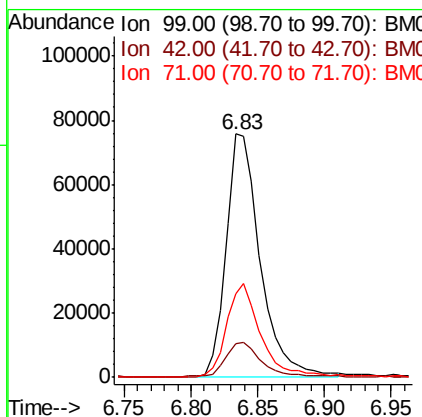
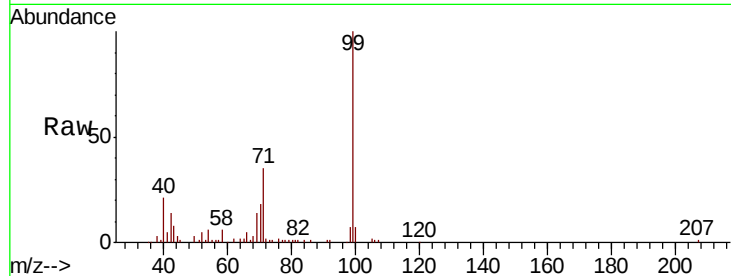
ClientSampled :

MW-2ADL

Tot Ion:	99	Resp:	136117
Ion Ratio		Lower	Upper
99	100		
42	13.9	10.9	16.3
71	34.5	30.3	45.5

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#17

2-Methylphenol

Concen: 2.448 ng

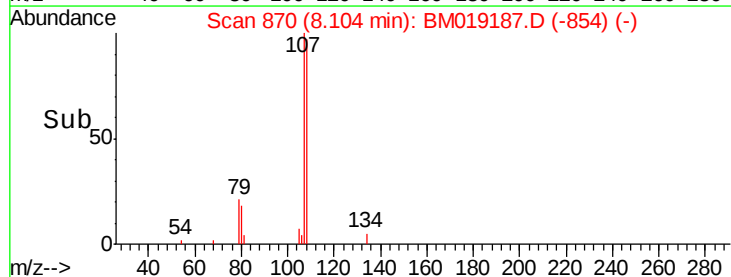
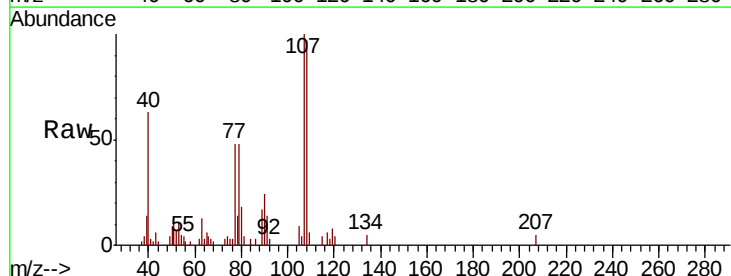
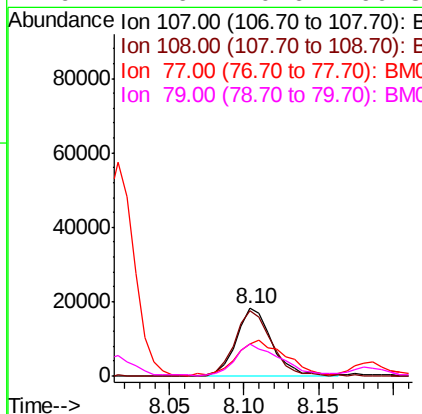
RT: 8.10 min Scan# 870

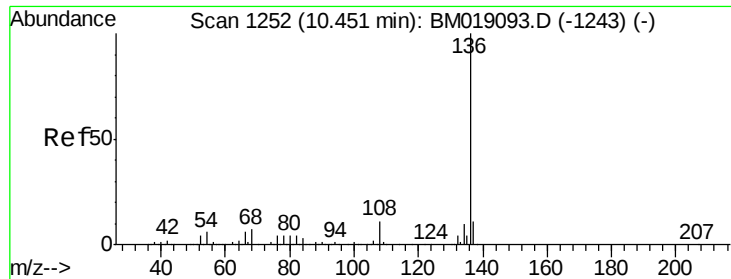
Delta R.T. -0.01 min

Lab File: BM019187.D

Acq: 15 Mar 2019 15:37

Tgt Ion:	107	Resp:	30611
Ion Ratio		Lower	Upper
107	100		
108	96.6	87.4	131.2
77	48.2	41.6	62.4
79	47.6	40.6	60.8





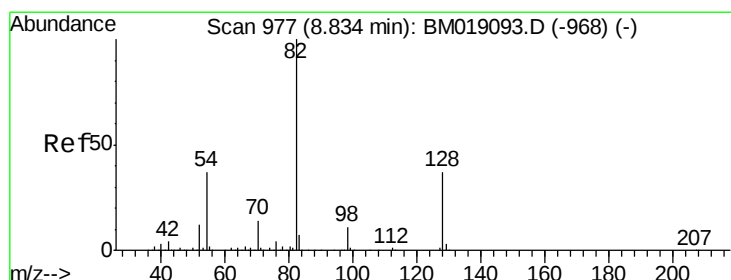
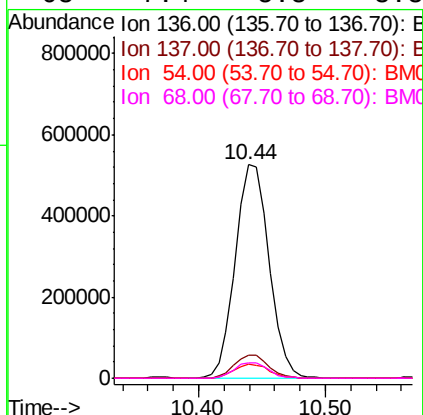
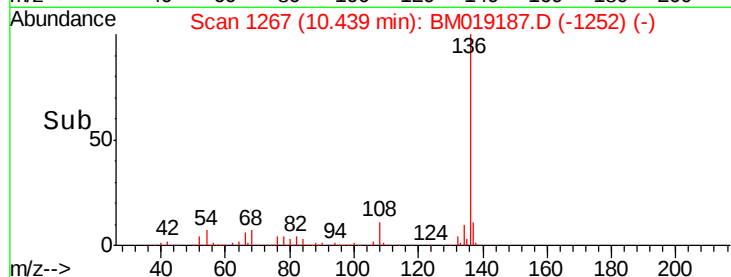
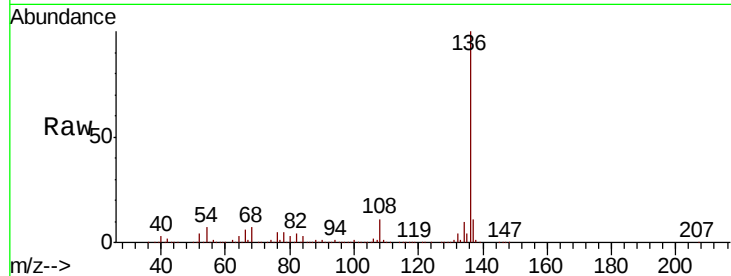
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.44 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BM019187.D
Acq: 15 Mar 2019 15:37

Instrument :
BNA_M
ClientSampleId :
MW-2ADL

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.6	13.0	
54	6.7	5.2	7.8	
68	7.4	5.8	8.8	

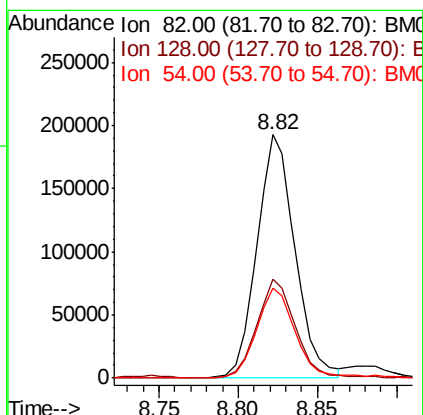
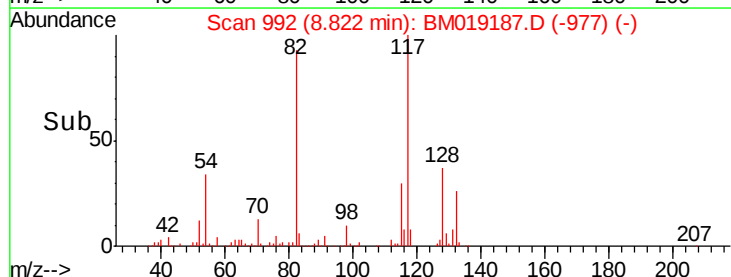
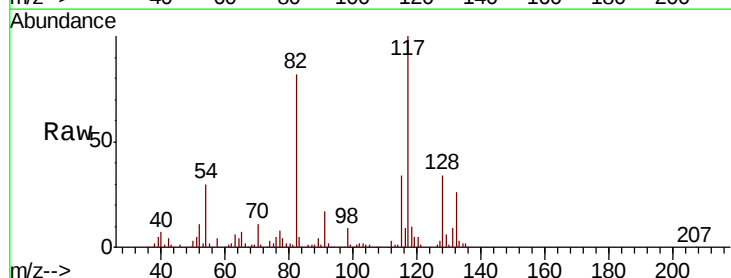
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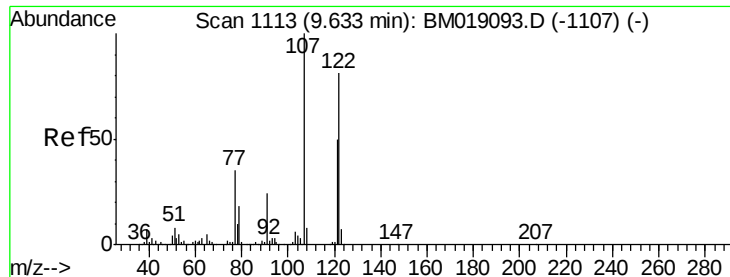
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#23
Nitrobenzene-d5
Concen: 15.616 ng
RT: 8.82 min Scan# 992
Delta R.T. -0.01 min
Lab File: BM019187.D
Acq: 15 Mar 2019 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	40.8	29.4	44.2	
54	36.8	29.9	44.9	





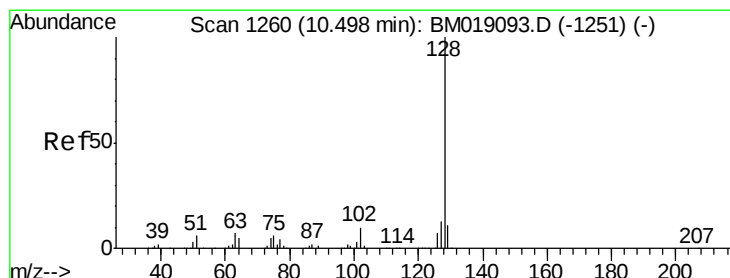
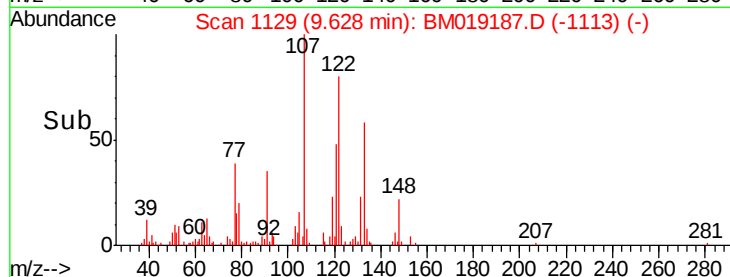
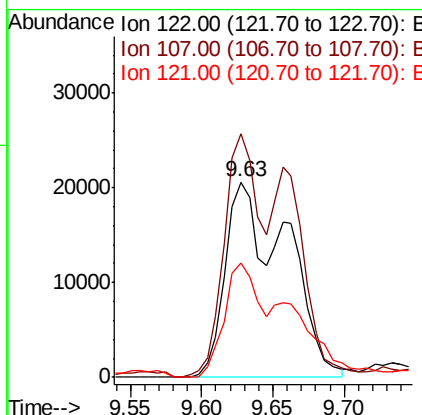
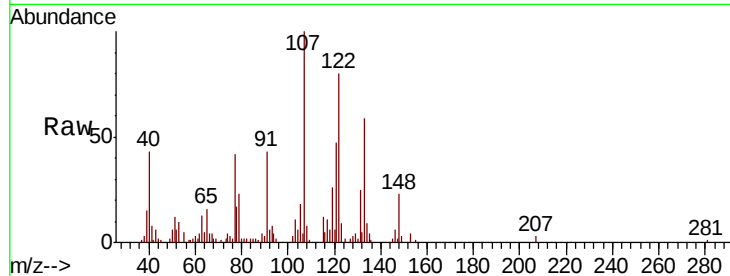
#27
2,4-Dimethylphenol
Concen: 4.605 ng m
RT: 9.63 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BM019187.D
Acq: 15 Mar 2019 15:37

Instrument :
BNA_M
ClientSampleId :
MW-2ADL

Tot Ion	Ratio	Lower	Upper
122	100		
107	124.5	98.2	147.4
121	58.4	48.8	73.2

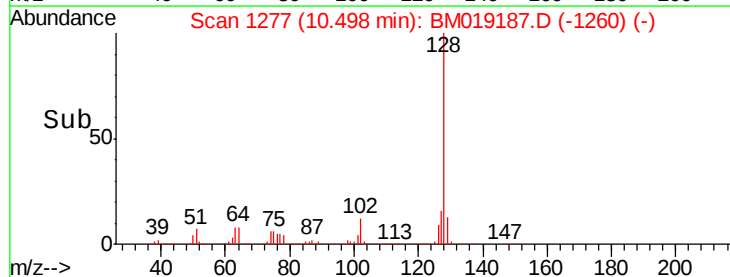
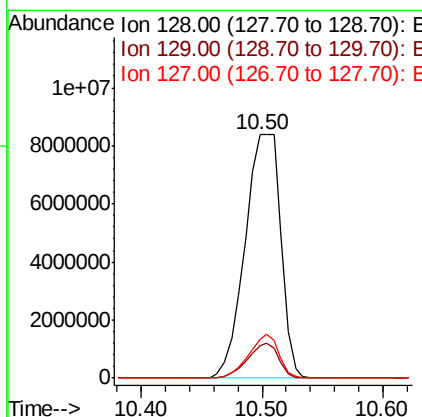
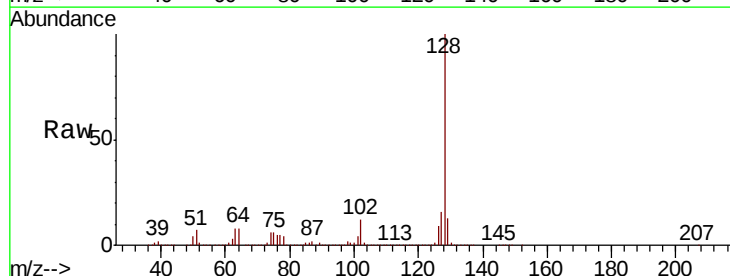
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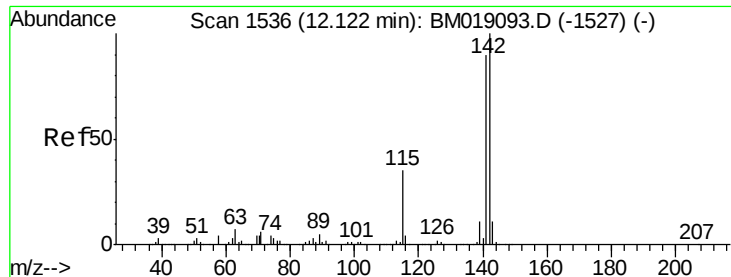
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#31
Naphthalene
Concen: 337.817 ng
RT: 10.50 min Scan# 1277
Delta R.T. -0.00 min
Lab File: BM019187.D
Acq: 15 Mar 2019 15:37

Tgt Ion	Ratio	Lower	Upper
128	100		
129	13.3	8.6	13.0#
127	15.8	10.4	15.6#





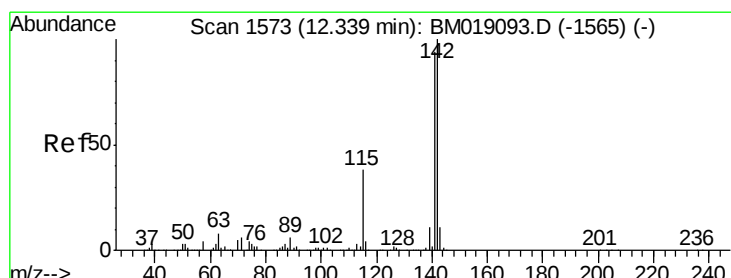
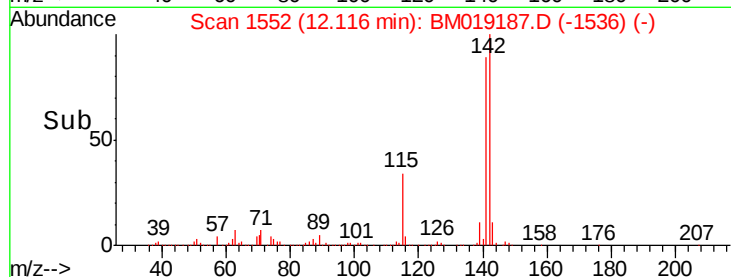
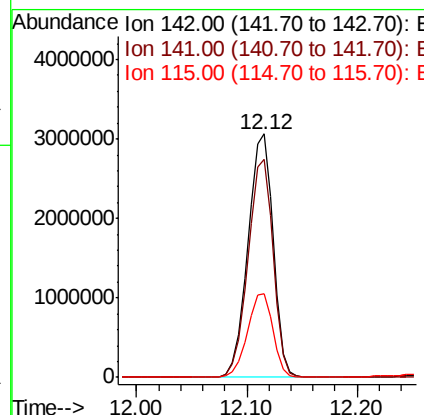
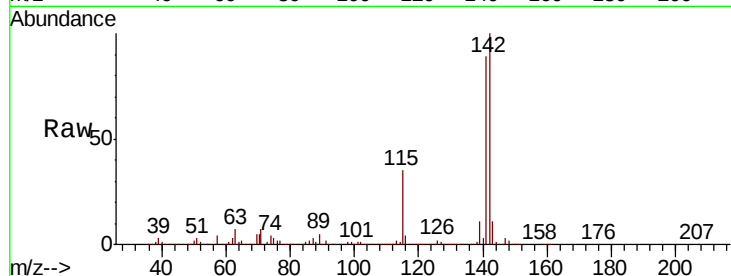
#37
2-Methylnaphthalene
Concen: 131.493 ng
RT: 12.12 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BM019187.D
Acq: 15 Mar 2019 15:37

Instrument :
BNA_M
ClientSampleId :
MW-2ADL

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	72.3	108.5
115	34.6	27.8	41.8

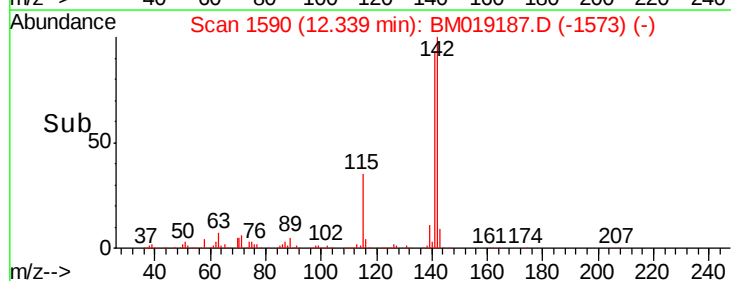
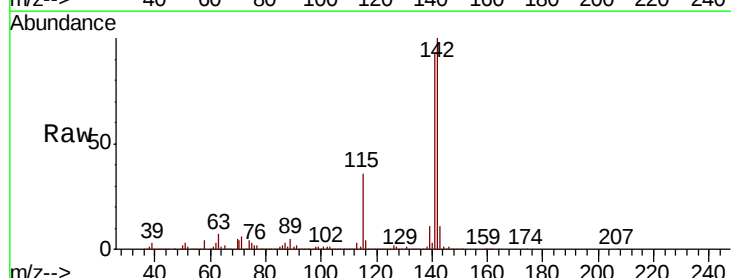
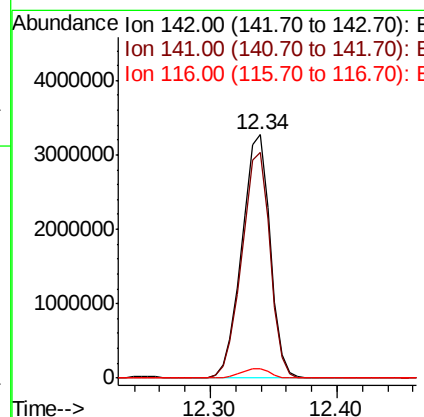
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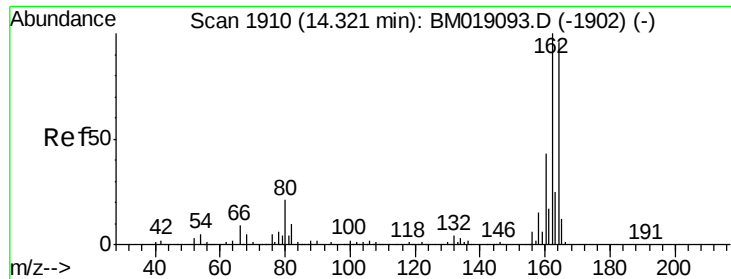
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#38
1-Methylnaphthalene
Concen: 136.887 ng
RT: 12.34 min Scan# 1590
Delta R.T. -0.00 min
Lab File: BM019187.D
Acq: 15 Mar 2019 15:37

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	74.9	112.3
116	3.8	3.2	4.8





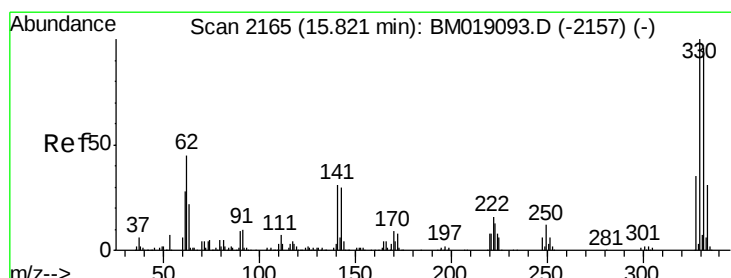
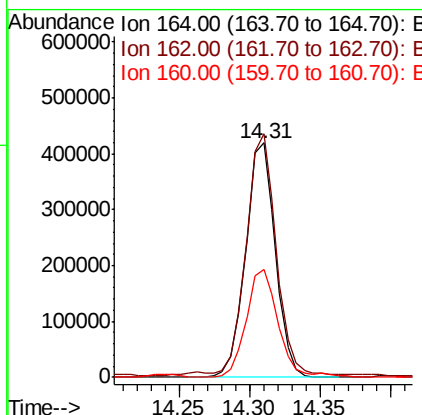
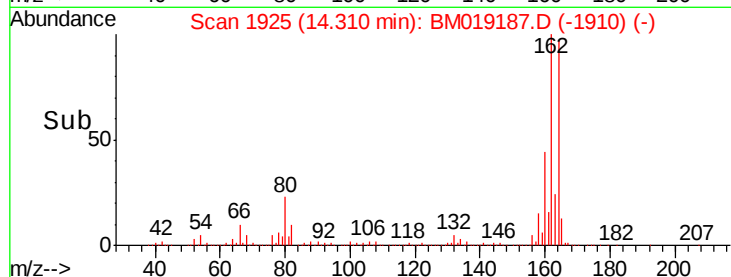
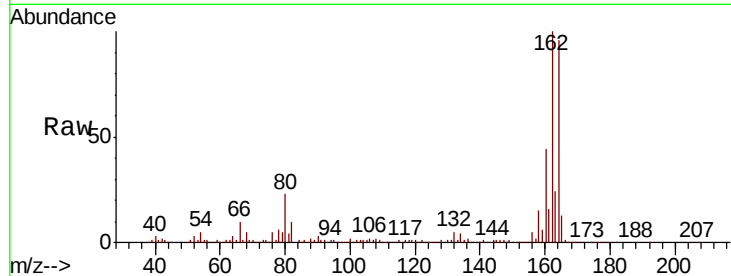
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.31 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BM019187.D
Acq: 15 Mar 2019 15:37

Instrument :
BNA_M
ClientSampleId :
MW-2ADL

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.0	83.5	125.3	
160	46.2	36.3	54.5	

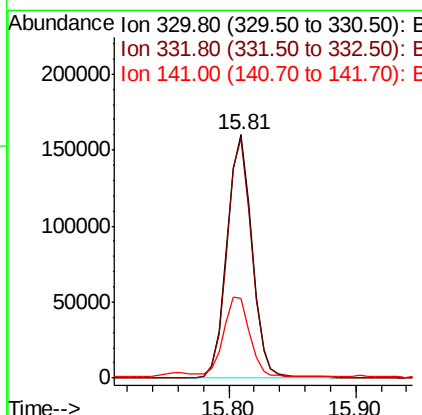
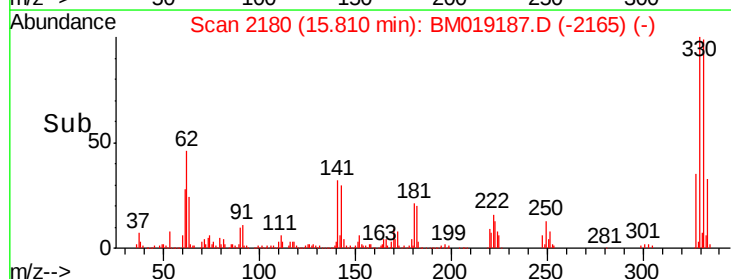
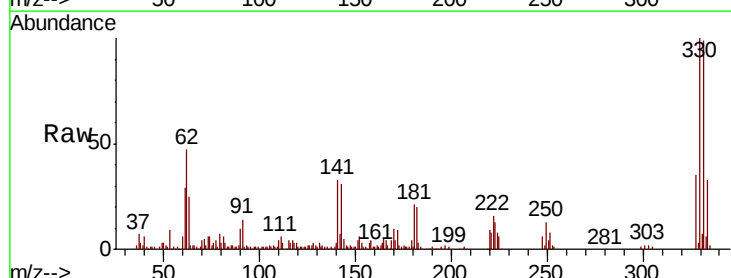
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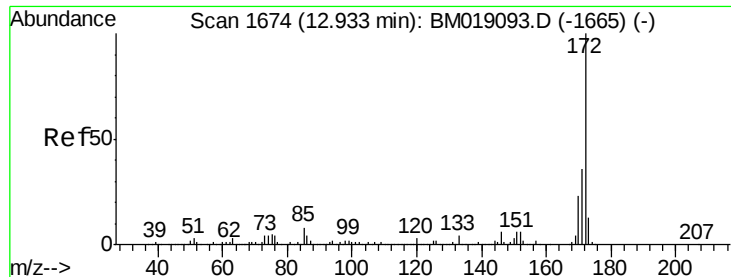
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#42
2,4,6-Tribromophenol
Concen: 23.945 ng
RT: 15.81 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BM019187.D
Acq: 15 Mar 2019 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.4	76.8	115.2	
141	33.9	27.0	40.4	





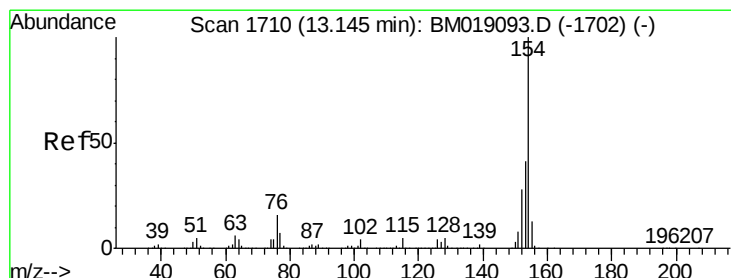
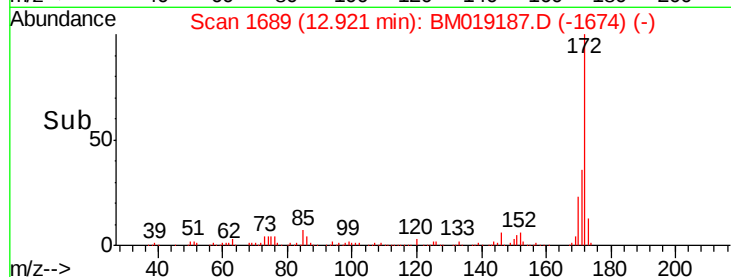
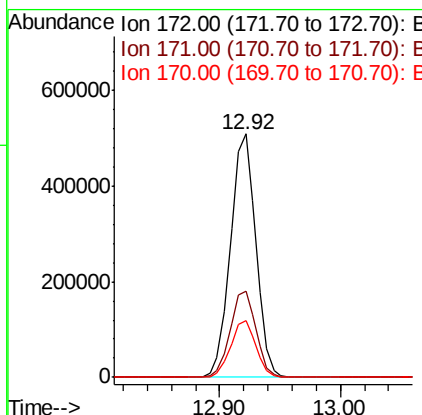
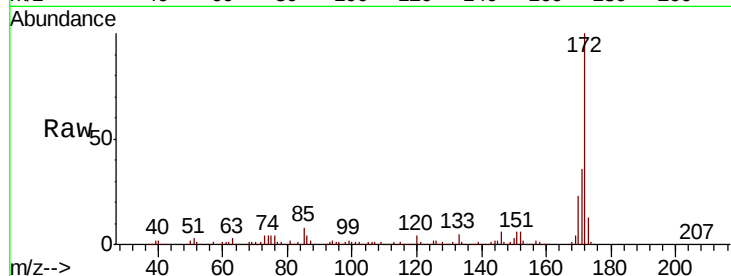
#45
2-Fluorobiphenyl
Concen: 15.713 ng
RT: 12.92 min Scan# 1689
Delta R.T. -0.01 min
Lab File: BM019187.D
Acq: 15 Mar 2019 15:37

Instrument :
BNA_M
ClientSampleId :
MW-2ADL

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	42.8
170	23.4	18.6	28.0

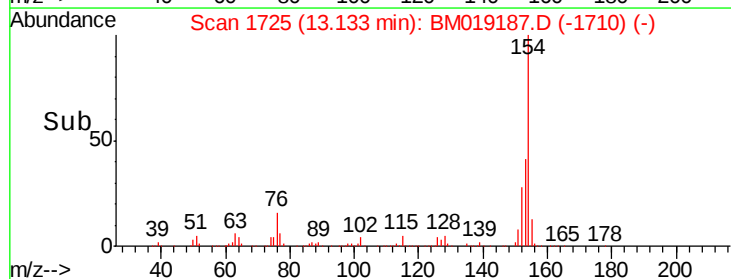
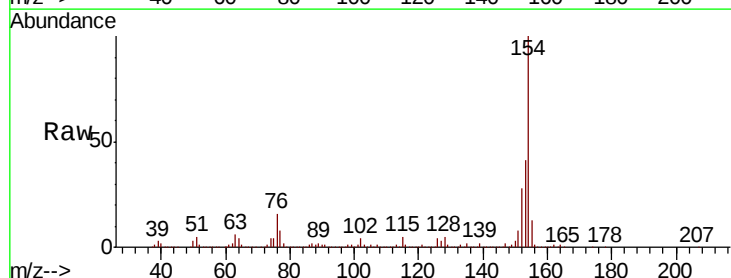
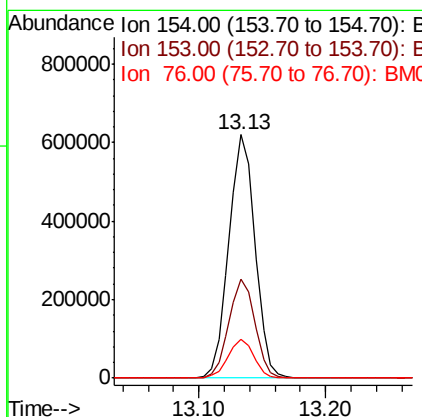
Manual Integrations
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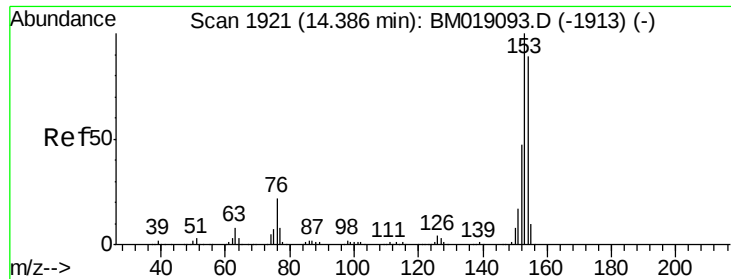
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#46
1,1'-Biphenyl
Concen: 16.395 ng
RT: 13.13 min Scan# 1725
Delta R.T. -0.01 min
Lab File: BM019187.D
Acq: 15 Mar 2019 15:37

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.5	61.5
76	15.8	0.0	35.8





#52

Acenaphthene

Concen: 35.738 ng

RT: 14.37 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BM019187.D

Acq: 15 Mar 2019 15:37

Instrument :

BNA_M

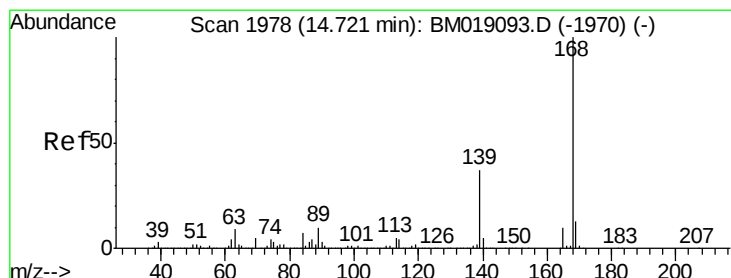
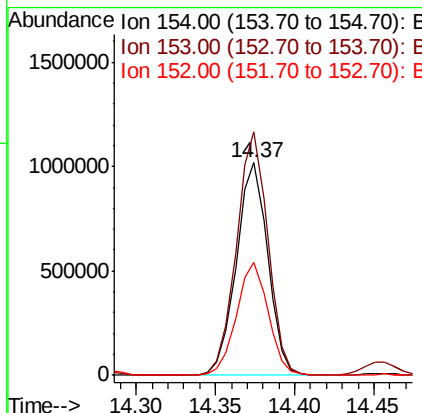
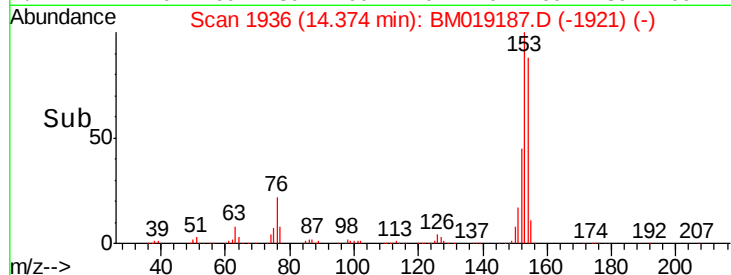
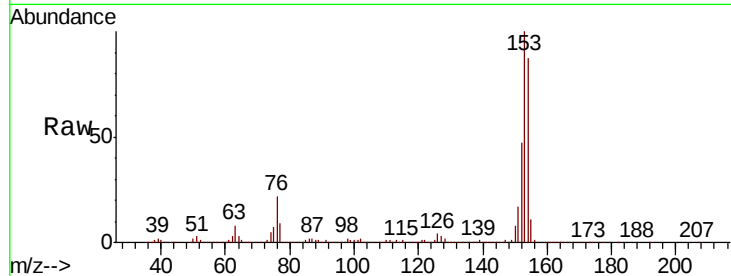
ClientSampleId :

MW-2ADL

Tot Ion:	154	Resp:	1401431
Ion	Ratio	Lower	Upper
154	100		
153	114.4	90.1	135.1
152	53.2	42.5	63.7

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#55

Dibenzofuran

Concen: 20.416 ng

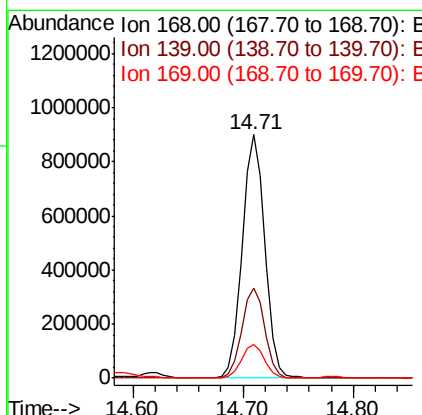
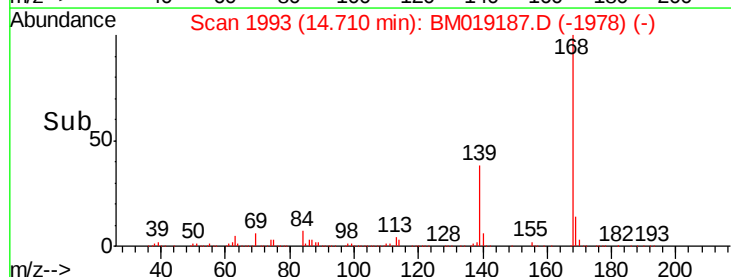
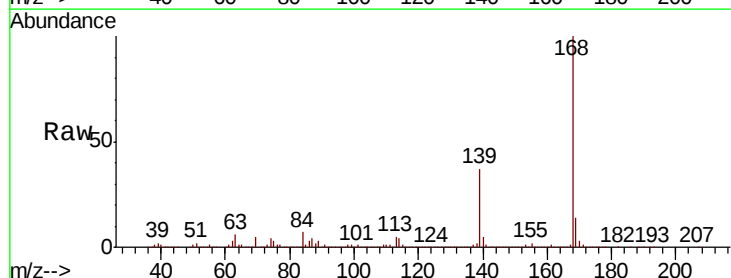
RT: 14.71 min Scan# 1993

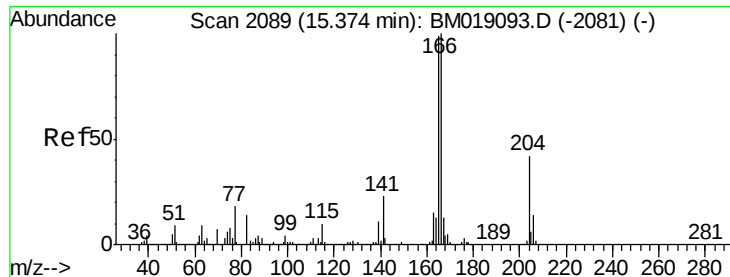
Delta R.T. -0.01 min

Lab File: BM019187.D

Acq: 15 Mar 2019 15:37

Tgt Ion:	168	Resp:	1291106
Ion	Ratio	Lower	Upper
168	100		
139	37.1	30.1	45.1
169	13.8	10.6	16.0





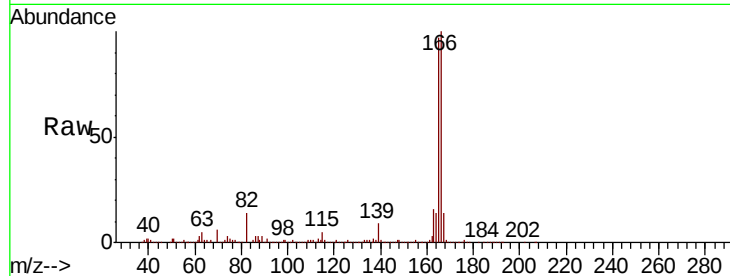
#58
 Fluorene
 Concen: 15.210 ng
 RT: 15.36 min Scan# 2104
 Delta R.T. -0.01 min
 Lab File: BM019187.D
 Acq: 15 Mar 2019 15:37

Instrument :
 BNA_M
 ClientSampleId :
 MW-2ADL

Tot Ion	Ratio	Lower	Upper
166	100		
165	96.8	79.0	118.4
167	13.8	10.8	16.2

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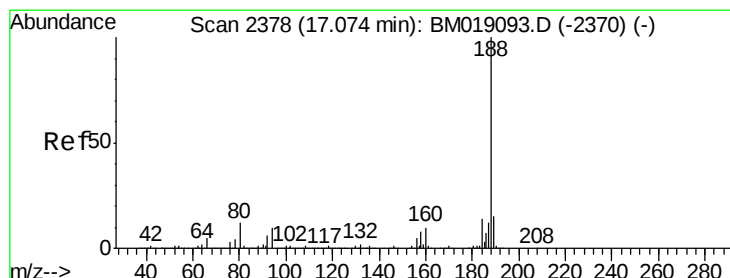
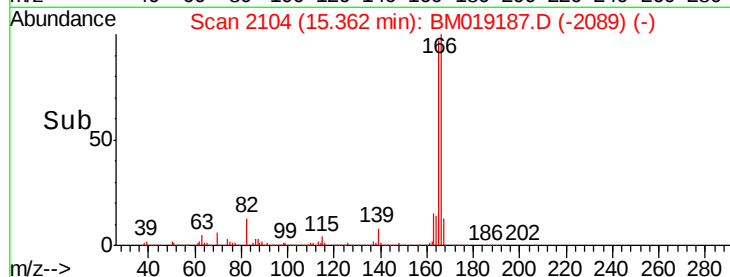
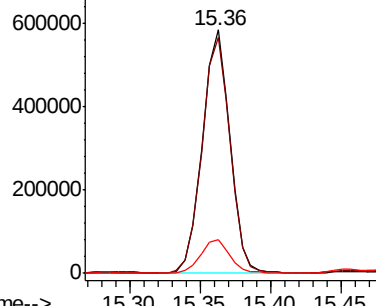


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.06 min Scan# 2393
 Delta R.T. -0.01 min
 Lab File: BM019187.D
 Acq: 15 Mar 2019 15:37

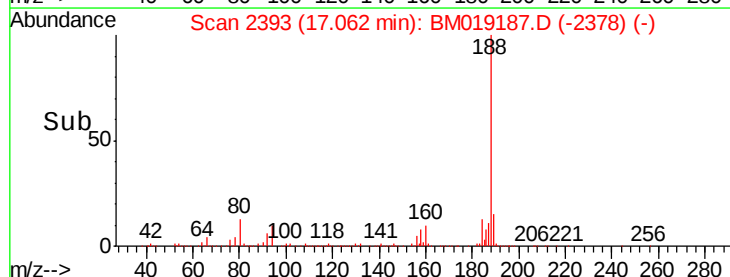
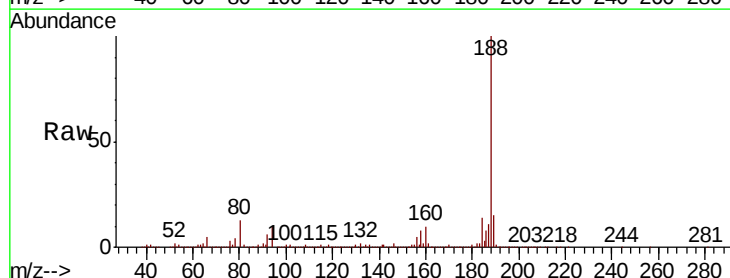
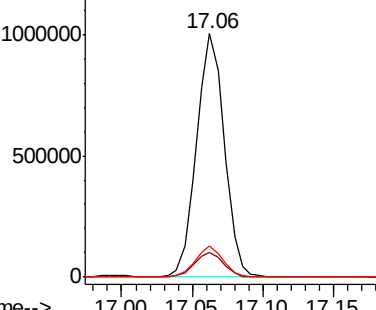
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.1	12.1
80	12.6	9.7	14.5

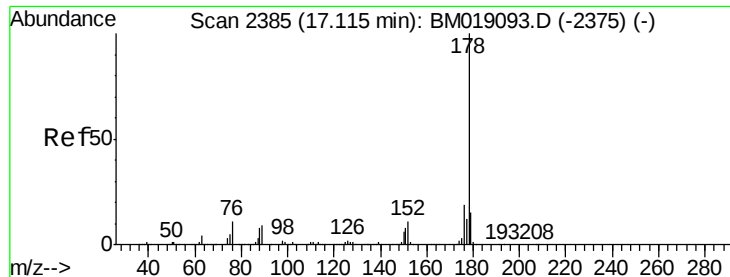
Abundance

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





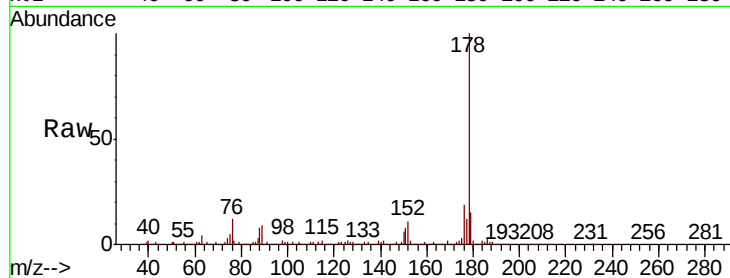
#71
Phenanthrene
Concen: 8.044 ng
RT: 17.10 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BM019187.D
Acq: 15 Mar 2019 15:37

Instrument :
BNA_M
ClientSampleId :
MW-2ADL

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.4	12.2	18.2

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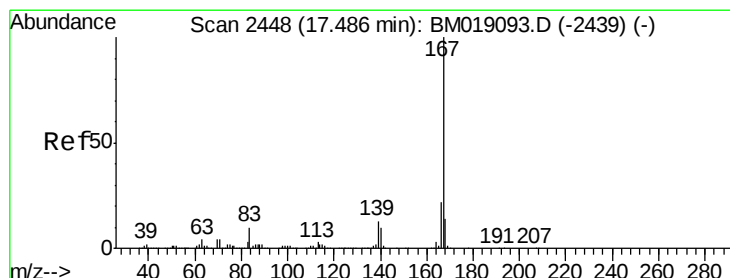
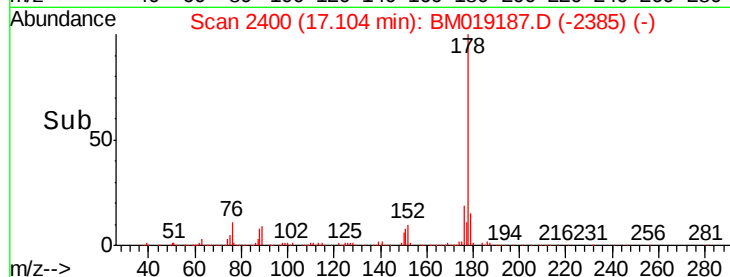
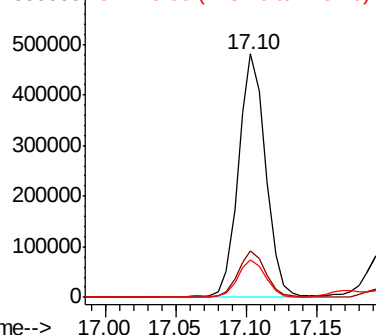


Abundance

Ion 178.00 (177.70 to 178.70): E

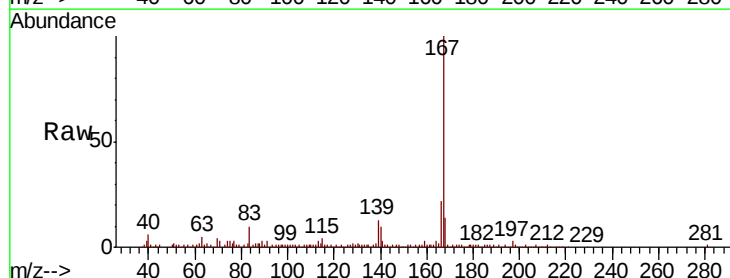
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73
Carbazole
Concen: 3.839 ng
RT: 17.48 min Scan# 2464
Delta R.T. -0.01 min
Lab File: BM019187.D
Acq: 15 Mar 2019 15:37

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.8	26.8
139	13.4	10.5	15.7

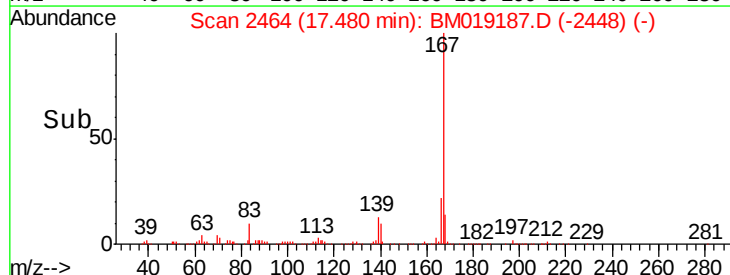
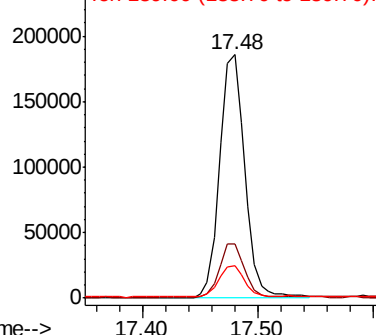


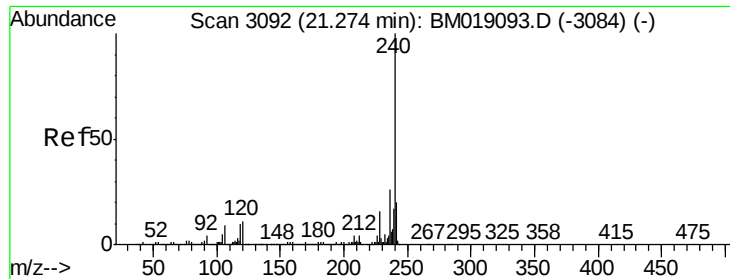
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





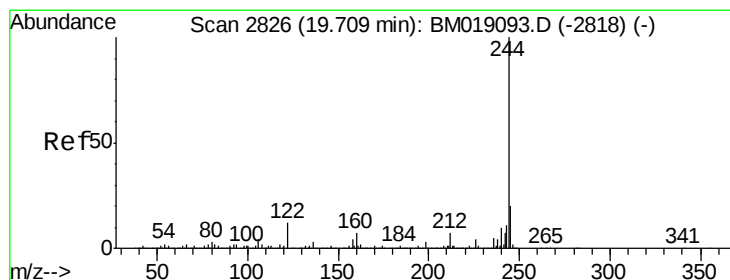
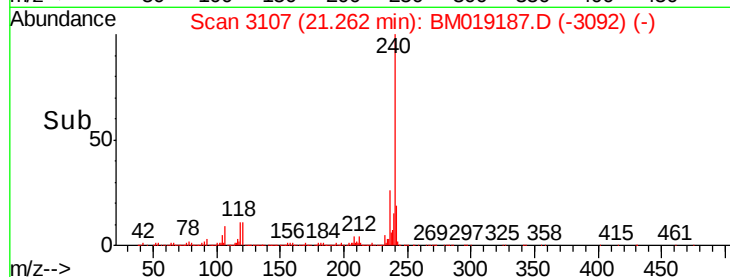
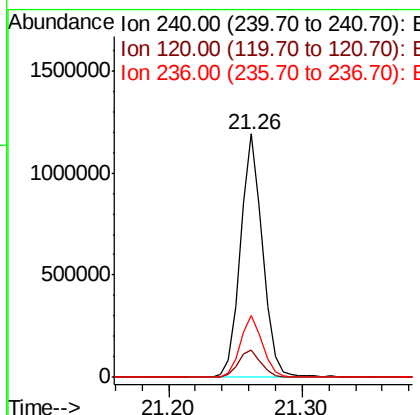
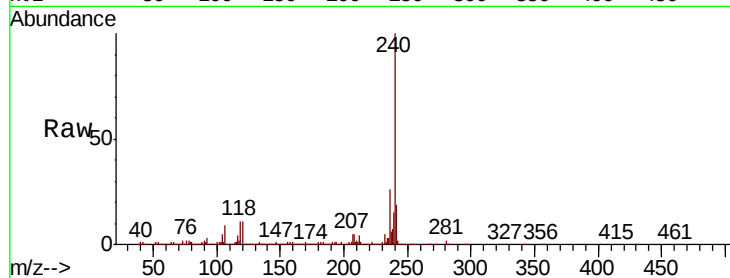
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.26 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BM019187.D
Acq: 15 Mar 2019 15:37

Instrument :
BNA_M
ClientSampleId :
MW-2ADL

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.9	13.3
236	25.6	21.0	31.4

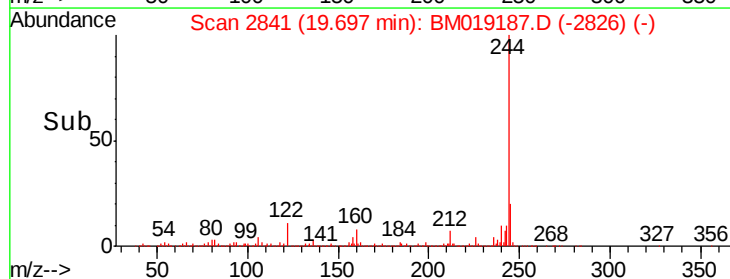
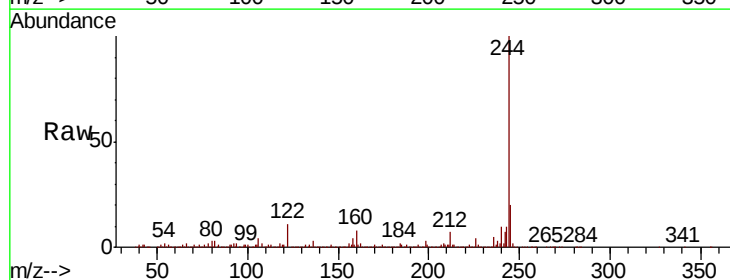
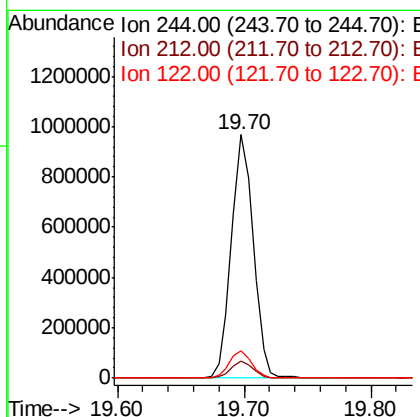
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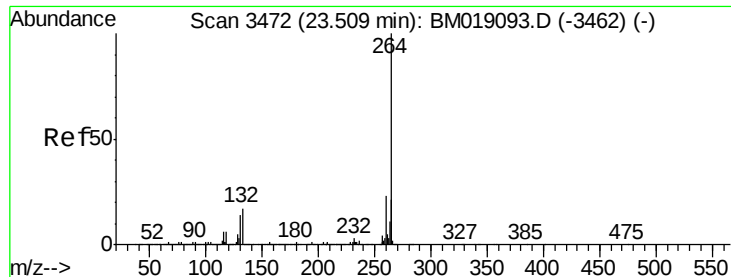
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#79
Terphenyl-d14
Concen: 16.927 ng
RT: 19.70 min Scan# 2841
Delta R.T. -0.01 min
Lab File: BM019187.D
Acq: 15 Mar 2019 15:37

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.2
122	11.3	9.4	14.2





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.50 min Scan# 3487
 Delta R.T. -0.01 min
 Lab File: BM019187.D
 Acq: 15 Mar 2019 15:37

Instrument :
 BNA_M
 ClientSampleId :
 MW-2ADL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	28.0
265	22.2	17.3	25.9

Manual Integrations
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