

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030921\
 Data File : BM029063.D
 Acq On : 10 Mar 2021 01:34
 Operator : CG/JU
 Sample : M1603-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 33-NORTH

Quant Time: Mar 10 02:53:59 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 09 10:08:02 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

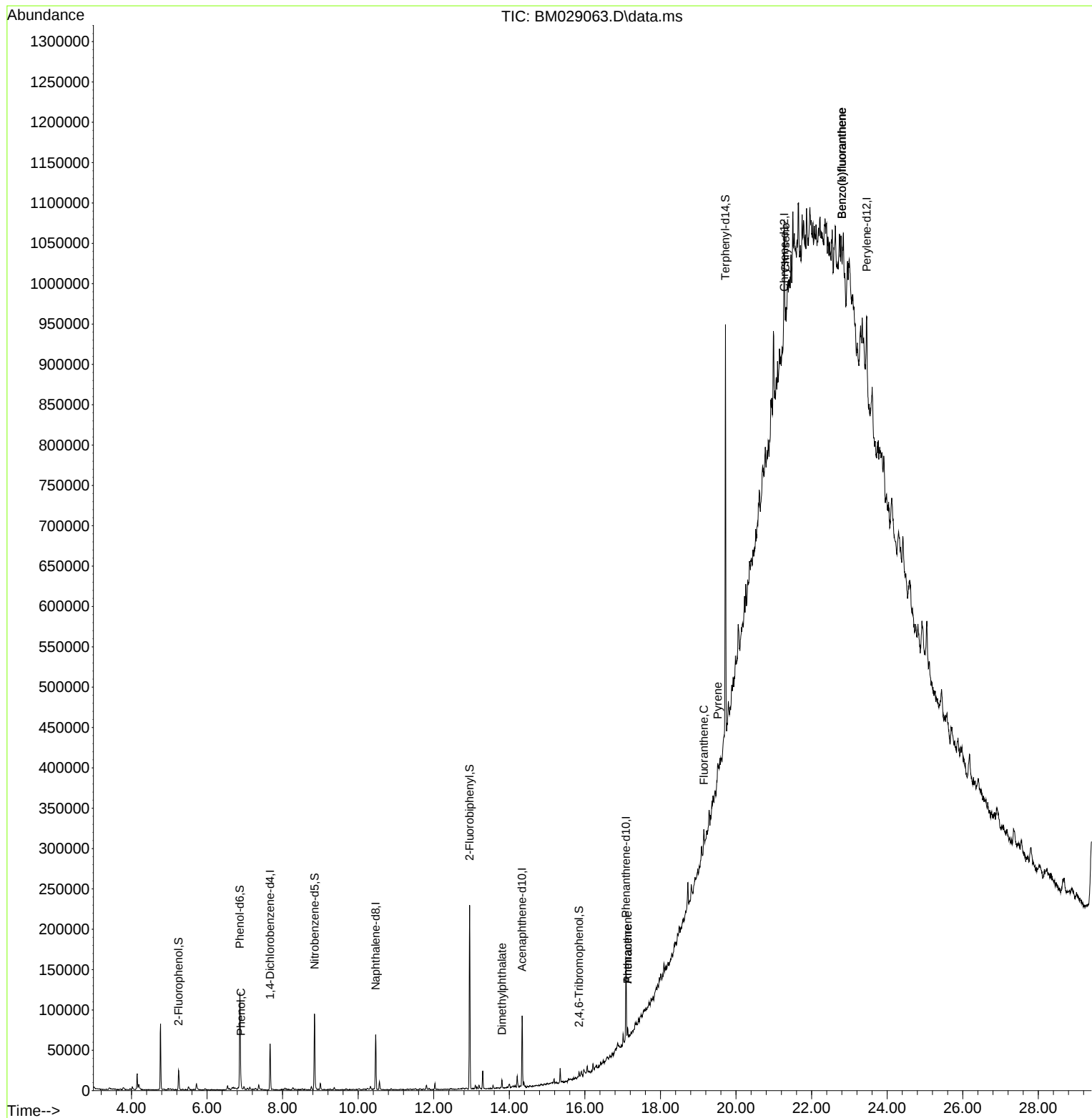
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	14324	20.00	ng	0.00
21) Naphthalene-d8	10.463	136	51563	20.00	ng	# 0.00
39) Acenaphthene-d10	14.339	164	27404	20.00	ng	0.00
64) Phenanthrene-d10	17.086	188	52803	20.00	ng	# 0.00
76) Chrysene-d12	21.274	240	57530	20.00	ng	# 0.01
86) Perylene-d12	23.456	264	57398	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.246	112	10747	12.44	ng	0.00
7) Phenol-d6	6.869	99	57570	50.44	ng	0.00
23) Nitrobenzene-d5	8.845	82	46474	48.63	ng	0.00
42) 2,4,6-Tribromophenol	15.845	330	711	2.19	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	105039	51.03	ng	0.00
79) Terphenyl-d14	19.721	244	143653	46.11	ng	0.01
Target Compounds						
						Qvalue
10) Phenol	6.898	94	3145	2.77	ng	96
50) Dimethylphthalate	13.804	163	5740	2.76	ng	99
71) Phenanthrene	17.133	178	7149	2.27	ng	# 92
72) Anthracene	17.133	178	7308	2.35	ng	93
75) Fluoranthene	19.151	202	11290	3.27	ng	74
78) Pyrene	19.515	202	12557	2.97	ng	# 81
83) Chrysene	21.309	228	8183	2.10	ng	# 51
88) Benzo(b)fluoranthene	22.803	252	11239	2.77	ng	# 1
89) Benzo(k)fluoranthene	22.803	252	11239	2.92	ng	# 1

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

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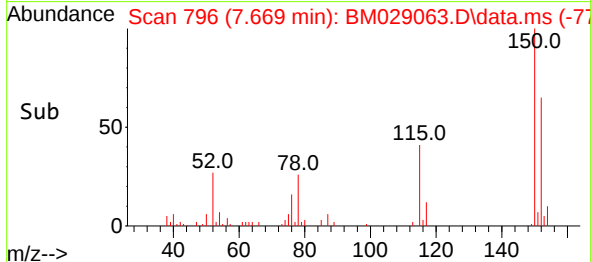
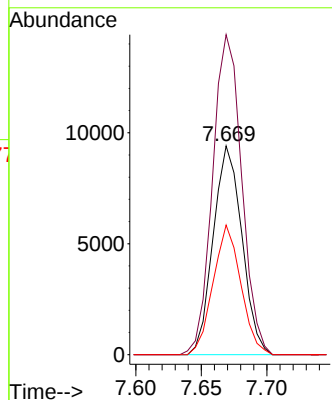
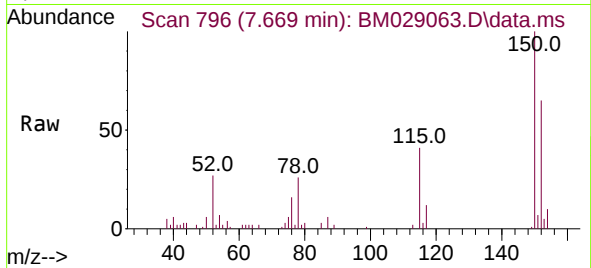




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.669 min Scan# 796
Delta R.T. -0.000 min
Lab File: BM029063.D
Acq: 10 Mar 2021 01:34

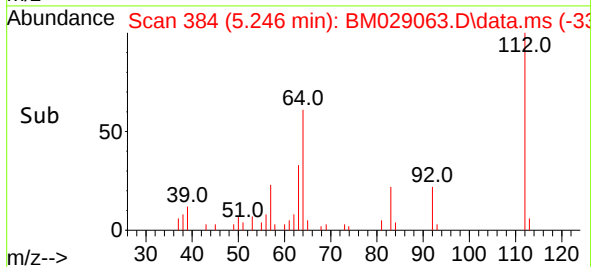
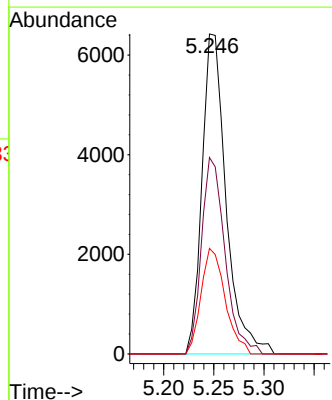
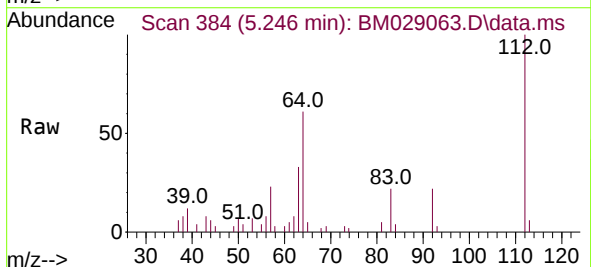
Instrument :
BNA_M
ClientSampled :
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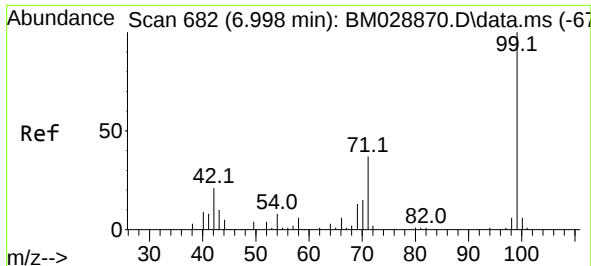
Tgt Ion:152 Resp: 14324
Ion Ratio Lower Upper
152 100
150 153.3 120.6 181.0
115 62.1 47.2 70.8



#5
2-Fluorophenol
Concen: 12.44 ng
RT: 5.246 min Scan# 384
Delta R.T. -0.000 min
Lab File: BM029063.D
Acq: 10 Mar 2021 01:34

Tgt Ion:112 Resp: 10747
Ion Ratio Lower Upper
112 100
64 61.4 50.6 76.0
63 33.0 31.0 46.6

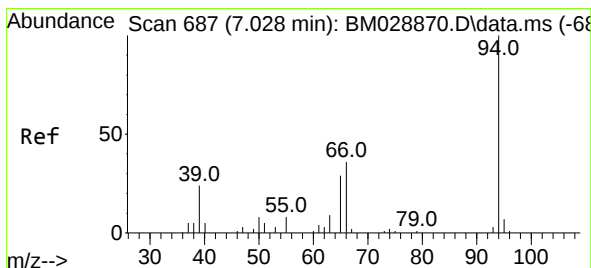
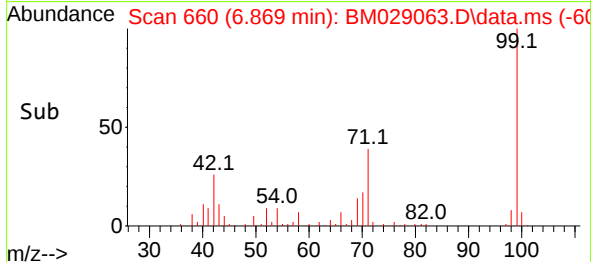
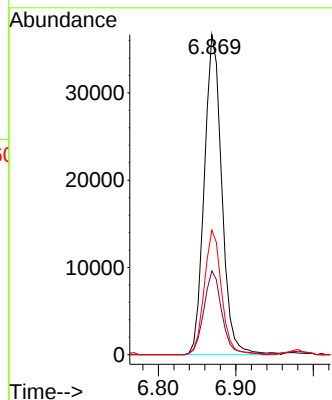
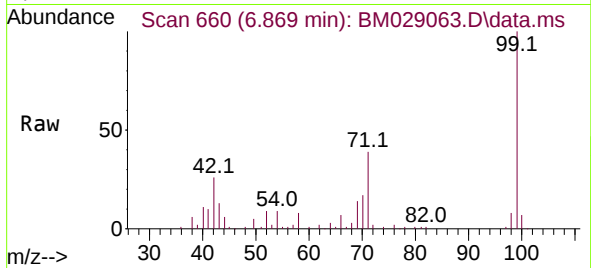




#7
Phenol-d6
Concen: 50.44 ng
RT: 6.869 min Scan# 660
Delta R.T. -0.000 min
Lab File: BM029063.D
Acq: 10 Mar 2021 01:34

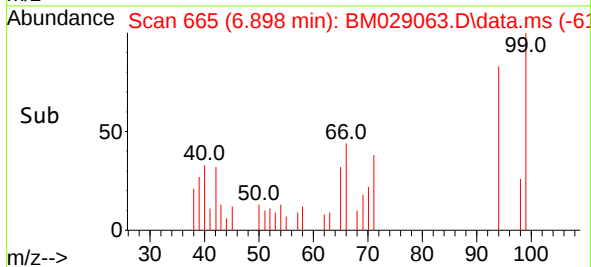
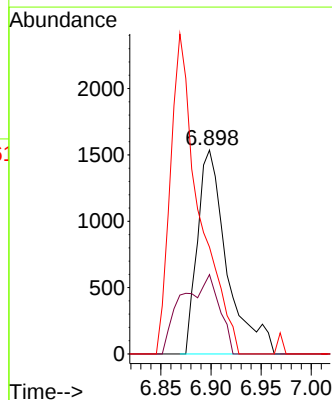
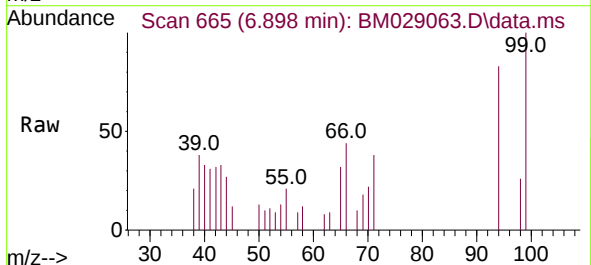
Instrument :
BNA_M
ClientSampleId :
33-NORTH

Tgt Ion: 99 Resp: 57570
Ion Ratio Lower Upper
99 100
42 26.2 13.5 20.3#
71 38.9 39.4 59.0#



#10
Phenol
Concen: 2.77 ng
RT: 6.898 min Scan# 665
Delta R.T. -0.000 min
Lab File: BM029063.D
Acq: 10 Mar 2021 01:34

Tgt Ion: 94 Resp: 3145
Ion Ratio Lower Upper
94 100
65 38.9 16.4 56.4
66 52.5 30.2 70.2

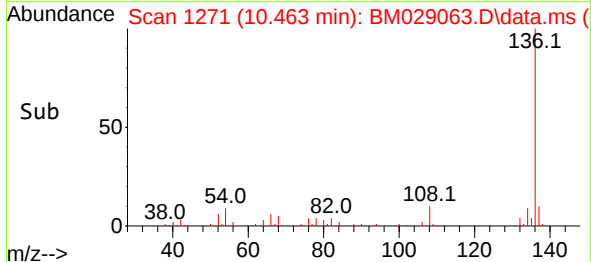
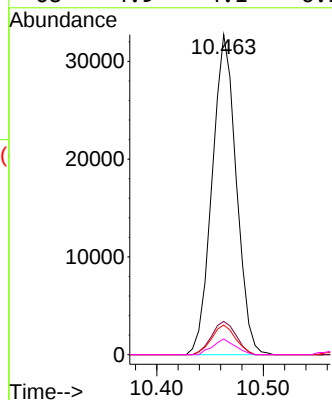
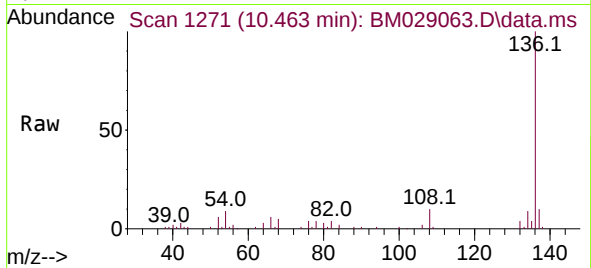




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.463 min Scan# 1271
Delta R.T. -0.000 min
Lab File: BM029063.D
Acq: 10 Mar 2021 01:34

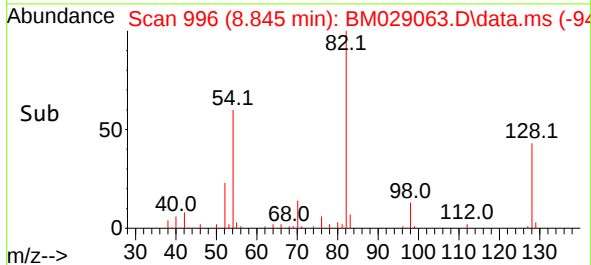
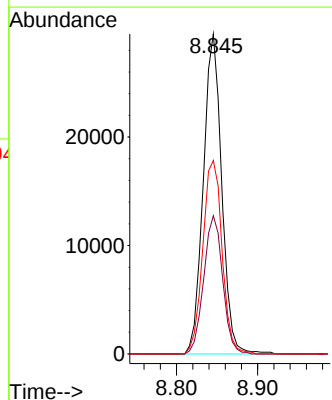
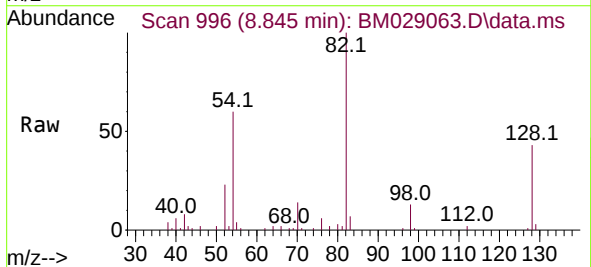
Instrument :
BNA_M
ClientSampled :
33-NORTH

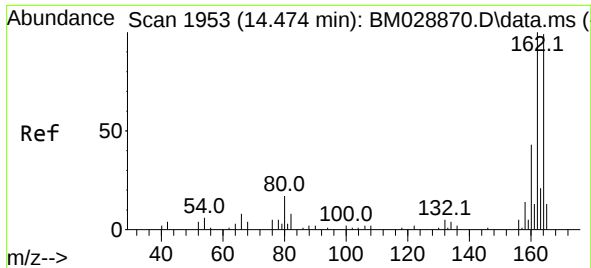
Tgt Ion:	136	Resp:	51563
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	12.8
54	9.3	4.6	7.0#
68	4.9	4.1	6.1



#23
Nitrobenzene-d5
Concen: 48.63 ng
RT: 8.845 min Scan# 996
Delta R.T. -0.000 min
Lab File: BM029063.D
Acq: 10 Mar 2021 01:34

Tgt Ion:	82	Resp:	46474
Ion	Ratio	Lower	Upper
82	100		
128	43.2	27.4	41.0#
54	60.5	31.4	47.0#

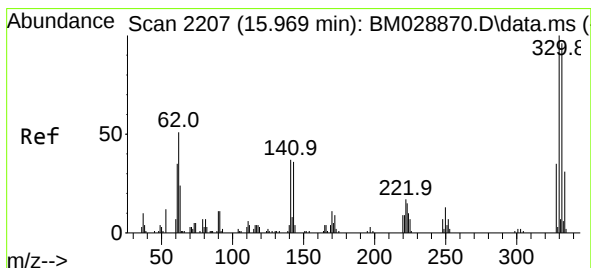
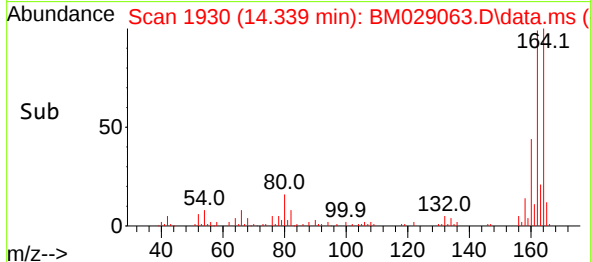
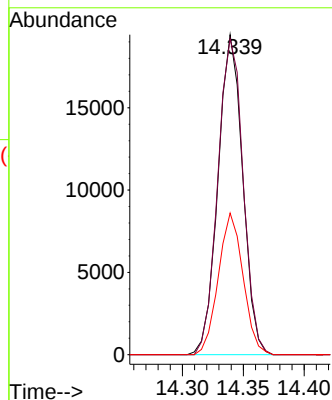
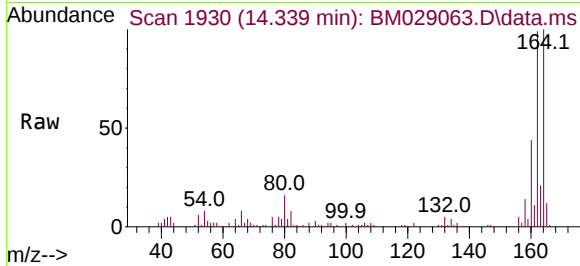




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.339 min Scan# 1930
Delta R.T. -0.000 min
Lab File: BM029063.D
Acq: 10 Mar 2021 01:34

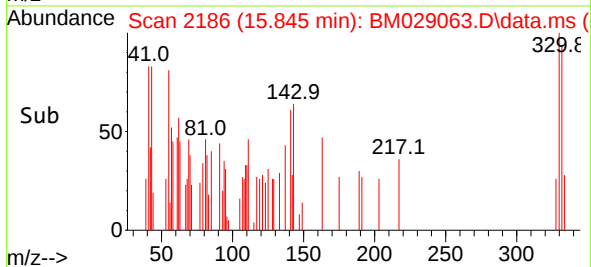
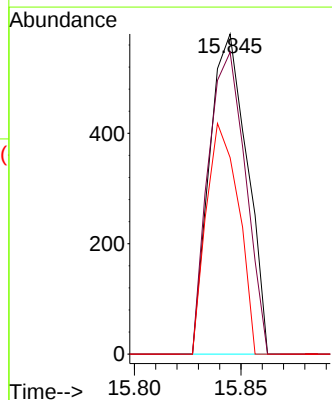
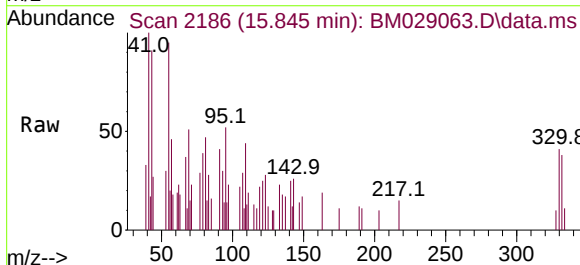
Instrument :
BNA_M
ClientSampleId :
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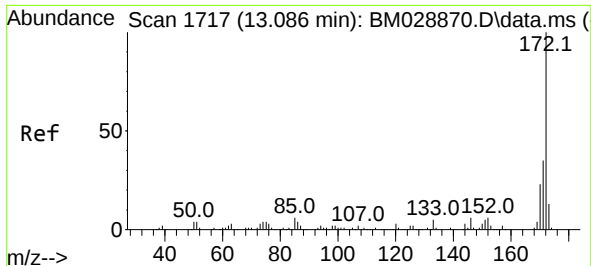
Tgt Ion:164	Resp:	27404
Ion Ratio	Lower	Upper
164	100	
162	98.7	80.4 120.6
160	44.2	35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 2.19 ng
RT: 15.845 min Scan# 2186
Delta R.T. 0.006 min
Lab File: BM029063.D
Acq: 10 Mar 2021 01:34

Tgt Ion:330	Resp:	711
Ion Ratio	Lower	Upper
330	100	
332	93.2	77.8 116.8
141	62.0	28.4 42.6#

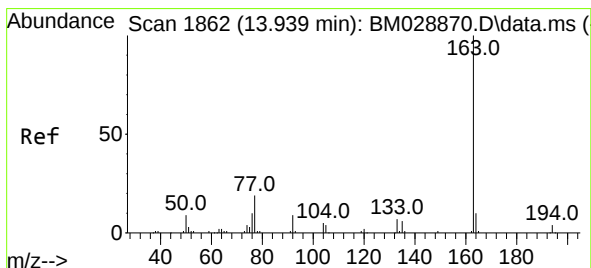
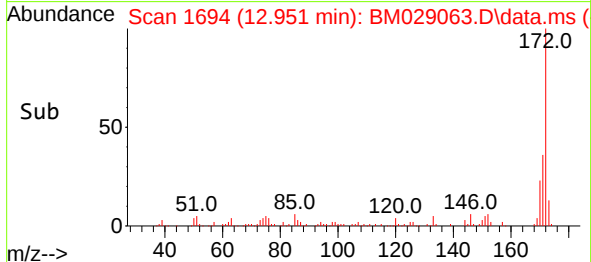
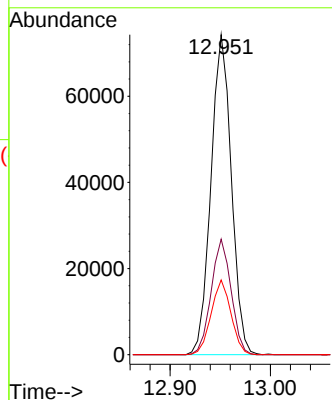
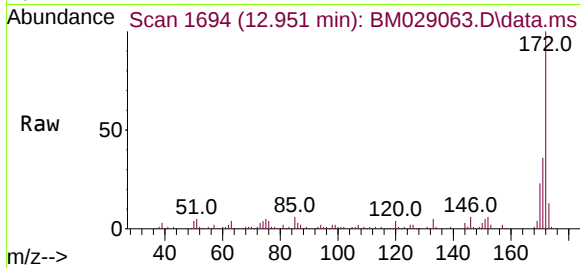




#45
2-Fluorobiphenyl
Concen: 51.03 ng
RT: 12.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: BM029063.D
Acq: 10 Mar 2021 01:34

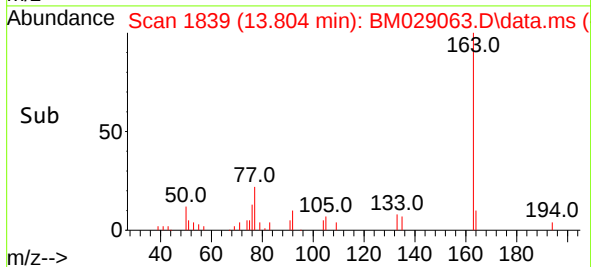
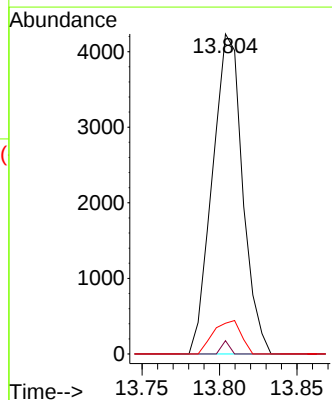
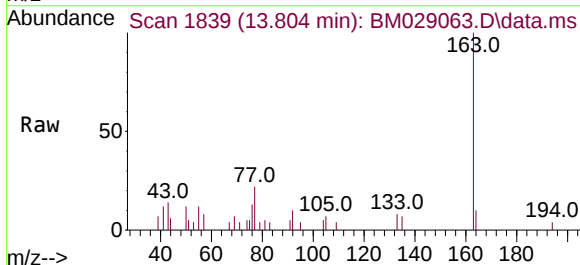
Instrument :
BNA_M
ClientSampleId :
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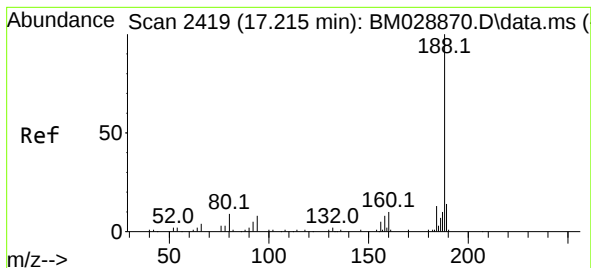
Tgt Ion:	172	Resp:	105039
Ion Ratio	Lower	Upper	
172	100		
171	36.1	27.8	41.8
170	23.4	18.6	27.8



#50
Dimethylphthalate
Concen: 2.76 ng
RT: 13.804 min Scan# 1839
Delta R.T. -0.006 min
Lab File: BM029063.D
Acq: 10 Mar 2021 01:34

Tgt Ion:	163	Resp:	5740
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.4	5.2
164	9.6	8.1	12.1

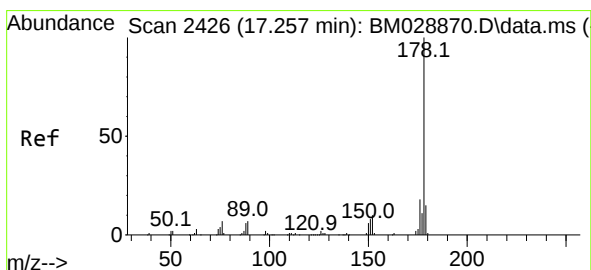
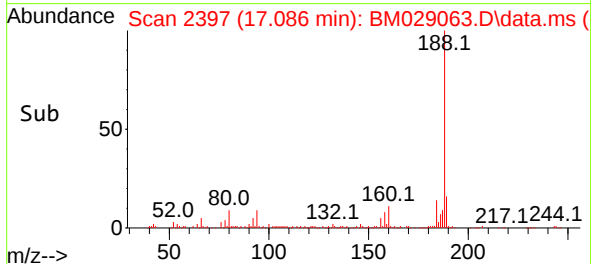
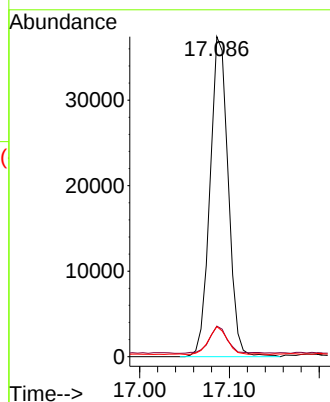
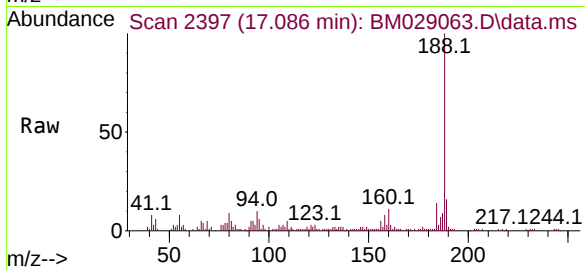




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.086 min Scan# 2397
Delta R.T. -0.000 min
Lab File: BM029063.D
Acq: 10 Mar 2021 01:34

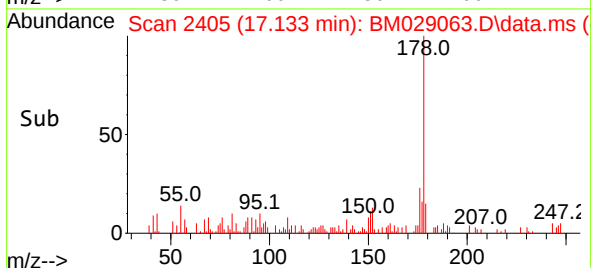
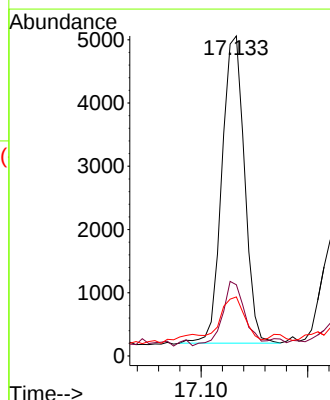
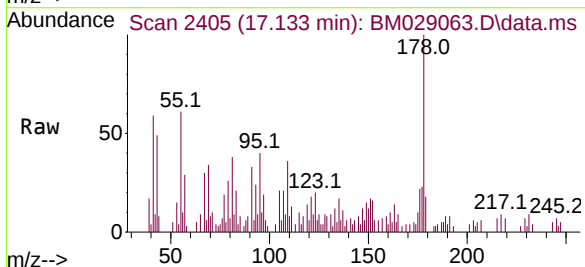
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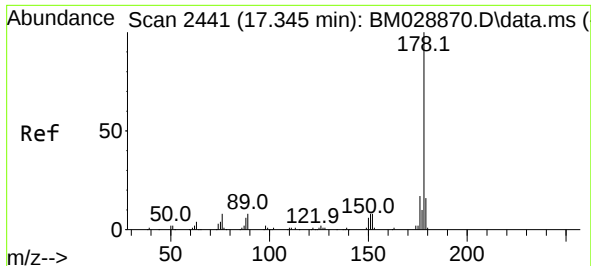
Tgt Ion:188 Resp: 52803
Ion Ratio Lower Upper
188 100
94 9.5 6.2 9.4#
80 9.4 7.5 11.3



#71
Phenanthrene
Concen: 2.27 ng
RT: 17.133 min Scan# 2405
Delta R.T. 0.006 min
Lab File: BM029063.D
Acq: 10 Mar 2021 01:34

Tgt Ion:178 Resp: 7149
Ion Ratio Lower Upper
178 100
176 22.3 15.0 22.6
179 18.4 12.2 18.4#

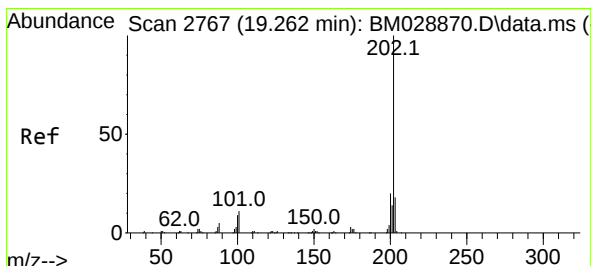
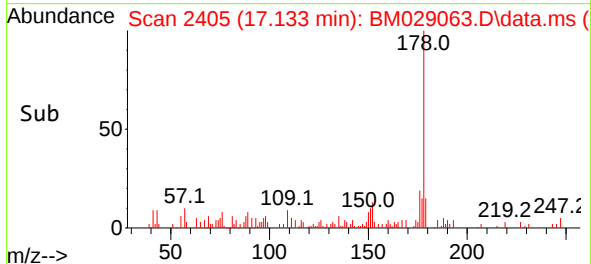
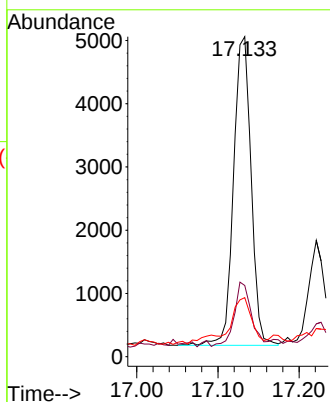
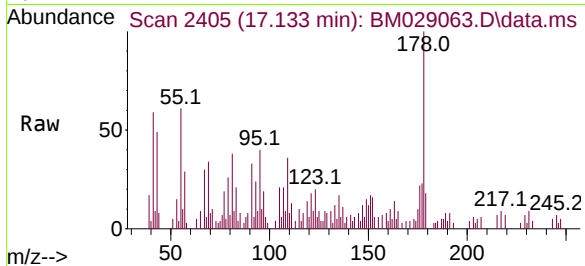




#72
 Anthracene
 Concen: 2.35 ng
 RT: 17.133 min Scan# 2405
 Delta R.T. -0.082 min
 Lab File: BM029063.D
 Acq: 10 Mar 2021 01:34

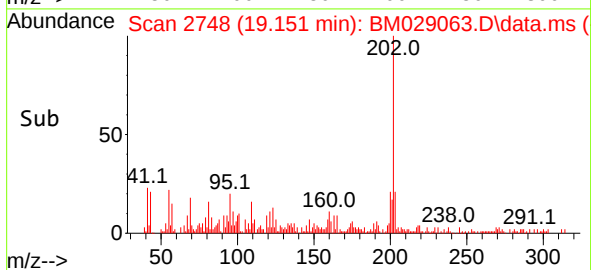
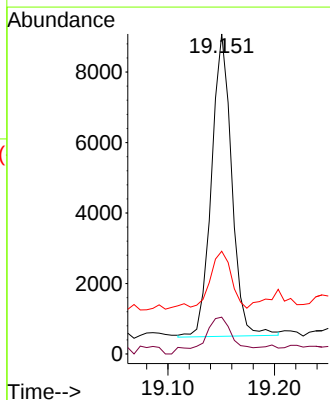
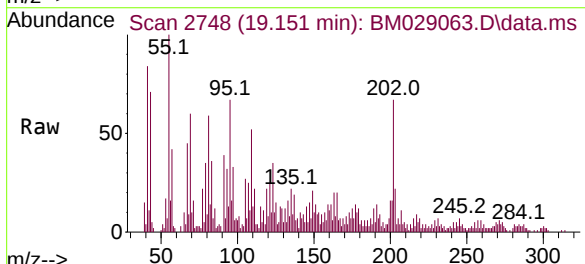
Instrument :
 BNA_M
 ClientSampled :
 33-NORTH

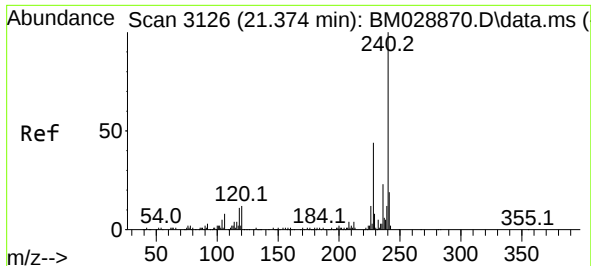
Tgt Ion:	178	Resp:	7308
Ion Ratio	Lower	Upper	
178	100		
176	22.3	15.0	22.4
179	18.4	12.5	18.7



#75
 Fluoranthene
 Concen: 3.27 ng
 RT: 19.151 min Scan# 2748
 Delta R.T. 0.006 min
 Lab File: BM029063.D
 Acq: 10 Mar 2021 01:34

Tgt Ion:	202	Resp:	11290
Ion Ratio	Lower	Upper	
202	100		
101	11.5	0.0	28.5
203	32.1	0.0	37.3

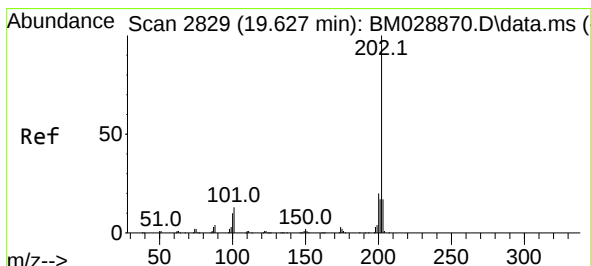
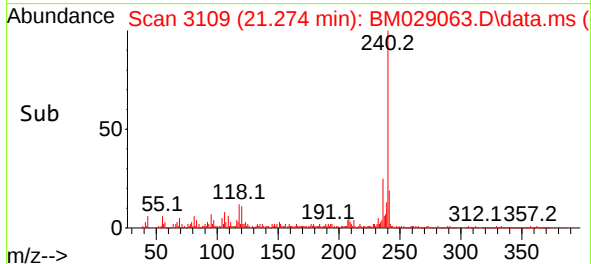
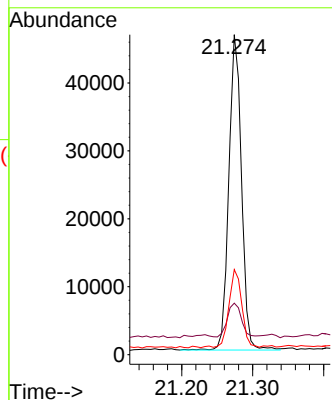
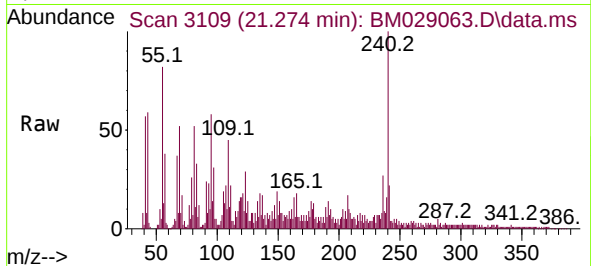




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.274 min Scan# 3109
Delta R.T. 0.012 min
Lab File: BM029063.D
Acq: 10 Mar 2021 01:34

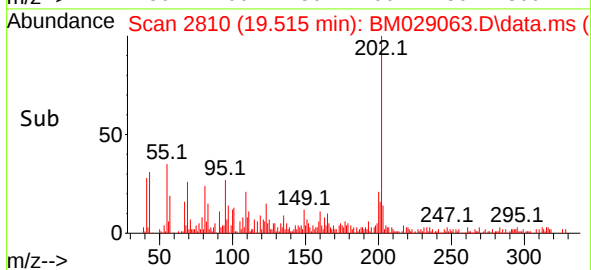
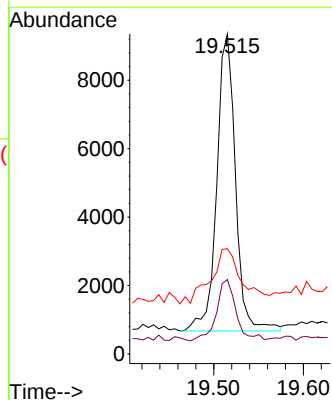
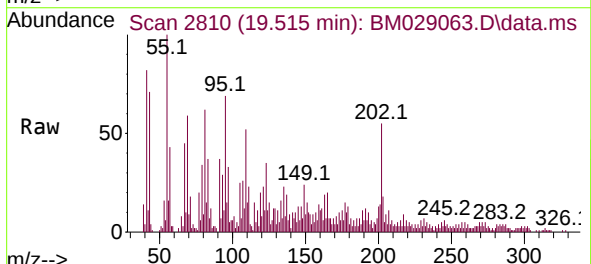
Instrument :
BNA_M
ClientSampleId :
33-NORTH

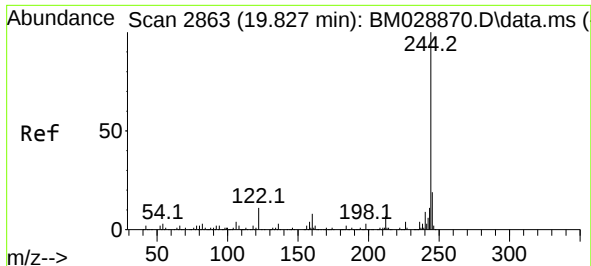
Tgt Ion:240 Resp: 57530
Ion Ratio Lower Upper
240 100
120 16.1 6.4 9.6#
236 26.6 20.1 30.1



#78
Pyrene
Concen: 2.97 ng
RT: 19.515 min Scan# 2810
Delta R.T. 0.012 min
Lab File: BM029063.D
Acq: 10 Mar 2021 01:34

Tgt Ion:202 Resp: 12557
Ion Ratio Lower Upper
202 100
200 23.2 16.6 24.8
203 32.9 13.8 20.6#

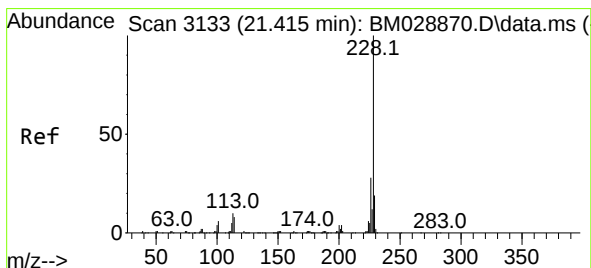
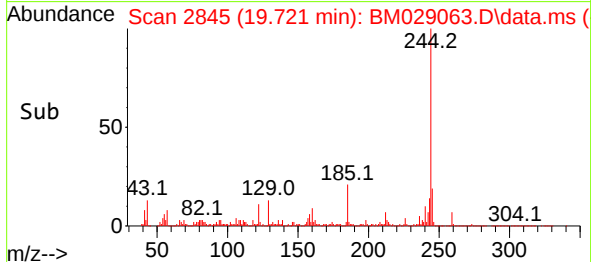
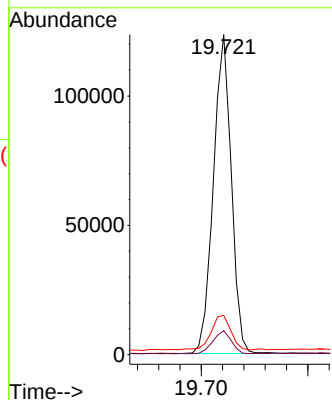
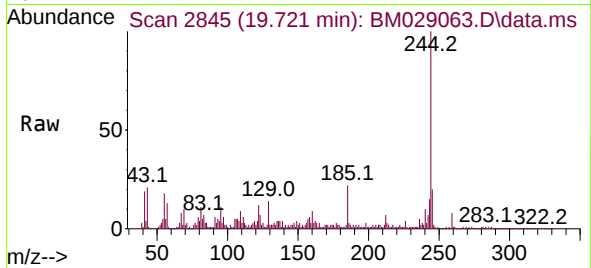




#79
 Terphenyl-d14
 Concen: 46.11 ng
 RT: 19.721 min Scan# 2845
 Delta R.T. 0.012 min
 Lab File: BM029063.D
 Acq: 10 Mar 2021 01:34

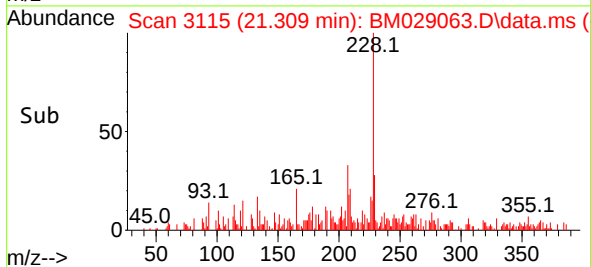
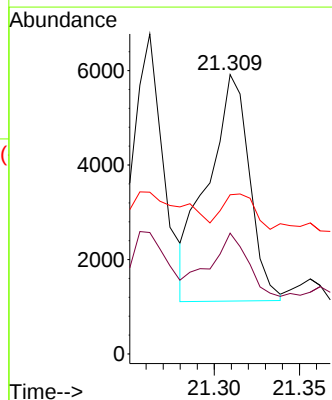
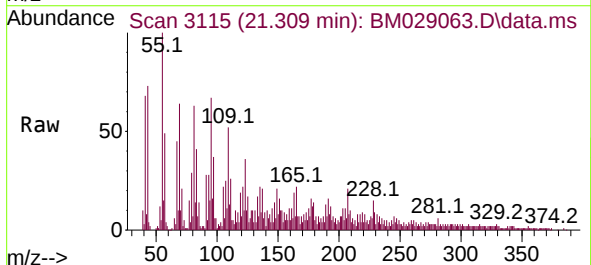
Instrument :
 BNA_M
 ClientSampleId :
 33-NORTH

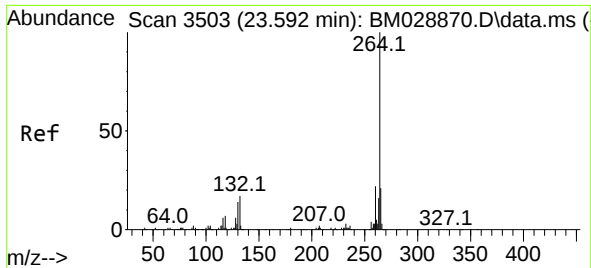
Tgt Ion:244 Resp: 143653
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.8
 122 12.3 6.5 9.7#



#83
 Chrysene
 Concen: 2.10 ng
 RT: 21.309 min Scan# 3115
 Delta R.T. 0.012 min
 Lab File: BM029063.D
 Acq: 10 Mar 2021 01:34

Tgt Ion:228 Resp: 8183
 Ion Ratio Lower Upper
 228 100
 226 43.2 23.4 35.0#
 229 57.0 15.7 23.5#

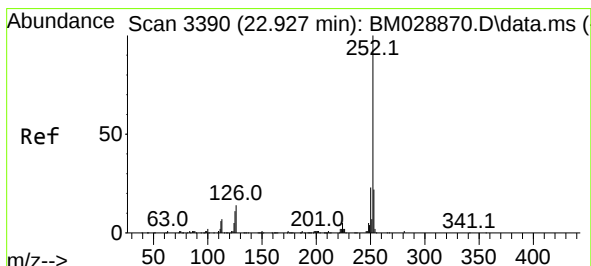
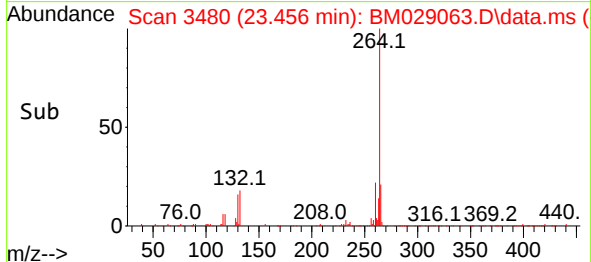
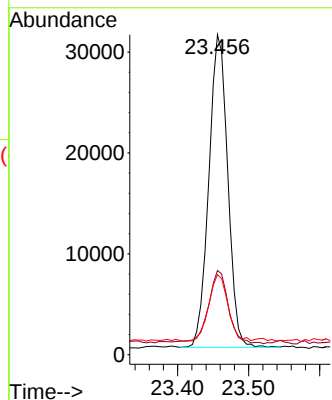
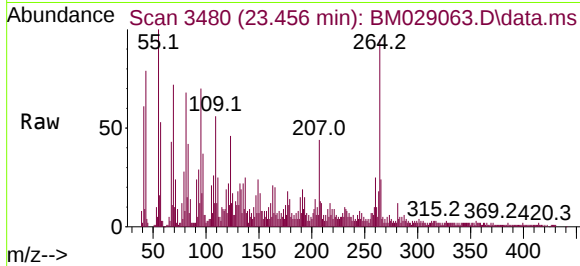




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.456 min Scan# 3480
 Delta R.T. 0.035 min
 Lab File: BM029063.D
 Acq: 10 Mar 2021 01:34

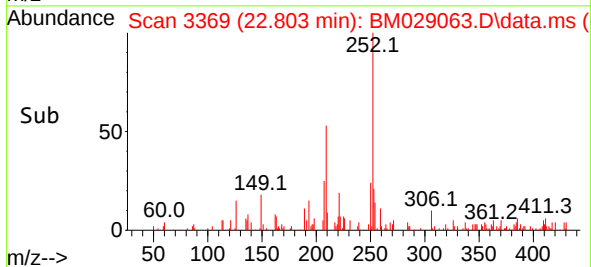
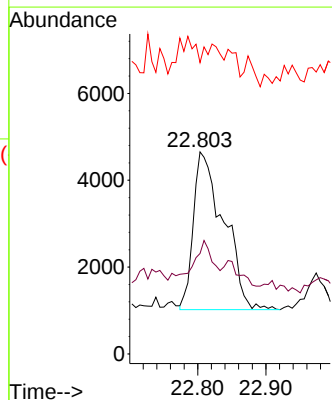
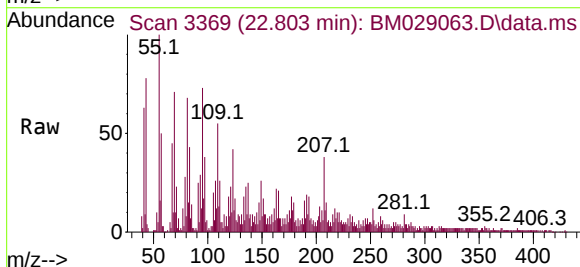
Instrument :
 BNA_M
 ClientSampleId :
 33-NORTH

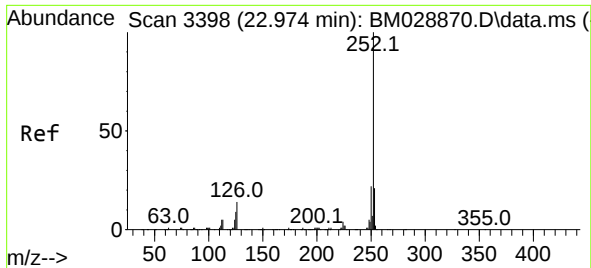
Tgt Ion:264 Resp: 57398
 Ion Ratio Lower Upper
 264 100
 260 26.3 19.0 28.4
 265 25.0 17.7 26.5



#88
 Benzo(b)fluoranthene
 Concen: 2.77 ng
 RT: 22.803 min Scan# 3369
 Delta R.T. 0.023 min
 Lab File: BM029063.D
 Acq: 10 Mar 2021 01:34

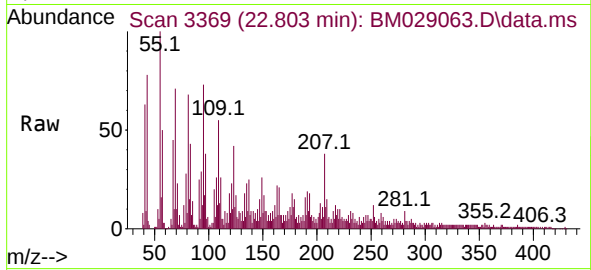
Tgt Ion:252 Resp: 11239
 Ion Ratio Lower Upper
 252 100
 253 49.7 17.4 26.0#
 125 144.2 5.7 8.5#





#89
Benzo(k)fluoranthene
Concen: 2.92 ng
RT: 22.803 min Scan# 3369
Delta R.T. -0.018 min
Lab File: BM029063.D
Acq: 10 Mar 2021 01:34

Instrument :
BNA_M
ClientSampleId :
33-NORTH



Tgt Ion:252 Resp: 11239
Ion Ratio Lower Upper
252 100
253 49.7 17.4 26.0#
125 144.2 5.6 8.4#

