

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030921\
 Data File : BM029058.D
 Acq On : 09 Mar 2021 22:32
 Operator : CG/JU
 Sample : M1601-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BIN-3

Quant Time: Mar 09 23:40:38 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)

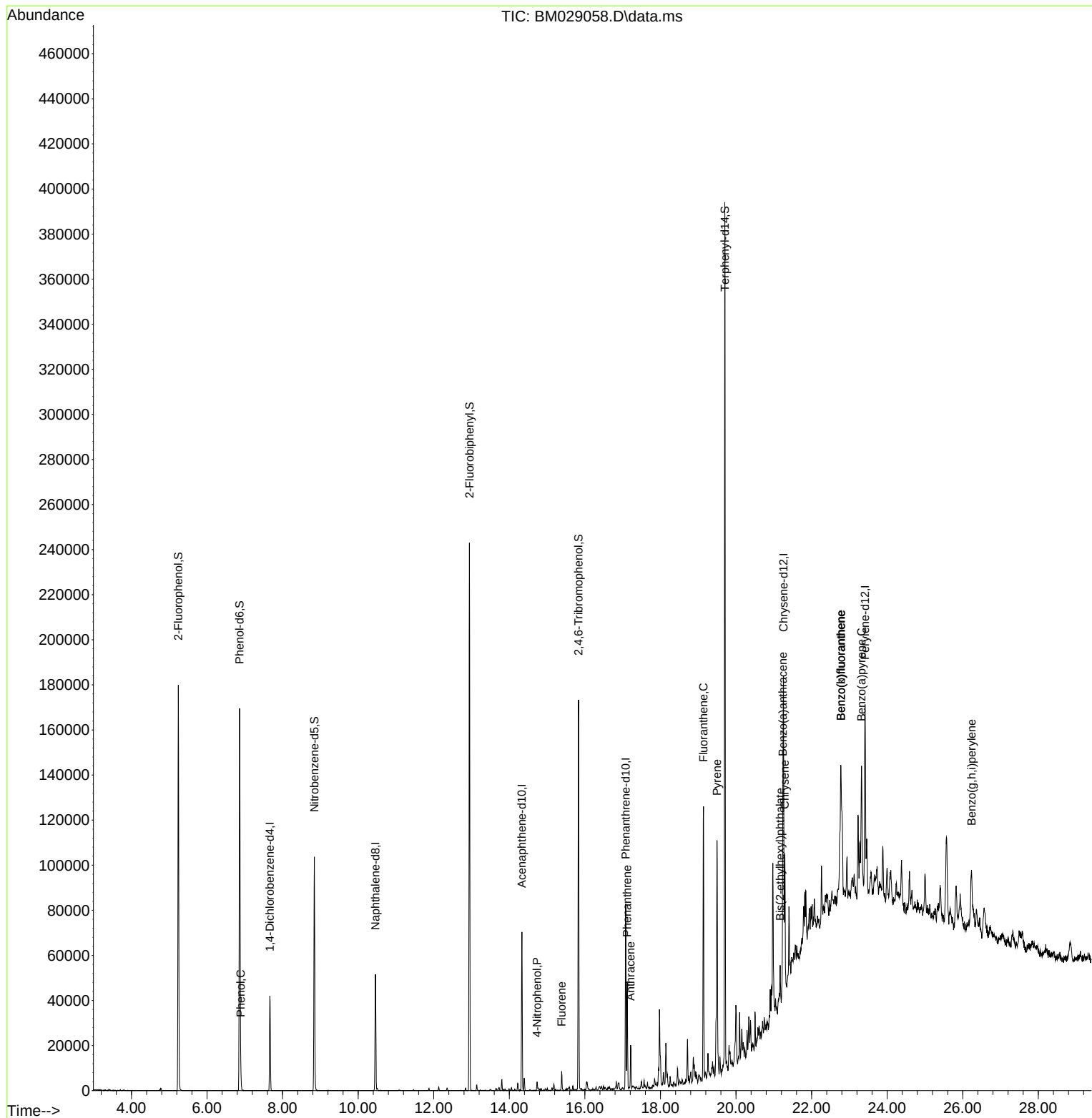
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	10917	20.00	ng	0.00
21) Naphthalene-d8	10.457	136	40842	20.00	ng	# 0.00
39) Acenaphthene-d10	14.333	164	22453	20.00	ng	0.00
64) Phenanthrene-d10	17.080	188	44091	20.00	ng	0.00
76) Chrysene-d12	21.256	240	46731	20.00	ng	# 0.00
86) Perylene-d12	23.415	264	51729	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.240	112	68321	103.73	ng	0.00
7) Phenol-d6	6.863	99	80494	92.53	ng	0.00
23) Nitrobenzene-d5	8.839	82	51550	68.10	ng	0.00
42) 2,4,6-Tribromophenol	15.833	330	24825	93.29	ng	0.00
45) 2-Fluorobiphenyl	12.945	172	113045	67.03	ng	0.00
79) Terphenyl-d14	19.703	244	154215	60.93	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.893	94	2721	3.15	ng	91
56) 4-Nitrophenol	14.733	139	1027	3.24	ng	# 1
58) Fluorene	15.386	166	3682	2.11	ng	91
71) Phenanthrene	17.121	178	27528	10.48	ng	99
72) Anthracene	17.210	178	12664	4.87	ng	98
75) Fluoranthene	19.139	202	66336	22.99	ng	99
78) Pyrene	19.498	202	62090	18.09	ng	99
81) Benzo(a)anthracene	21.239	228	34732	10.71	ng	98
83) Chrysene	21.292	228	29967	9.48	ng	96
84) Bis(2-ethylhexyl)phtha...	21.168	149	4508	2.12	ng	97
88) Benzo(b)fluoranthene	22.774	252	57981	15.87	ng	# 92
89) Benzo(k)fluoranthene	22.774	252	58038	16.72	ng	# 92
90) Benzo(a)pyrene	23.321	252	34448	10.33	ng	# 94
92) Benzo(g,h,i)perylene	26.232	276	26231	8.01	ng	# 90

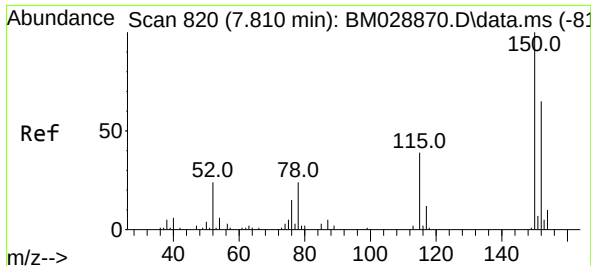
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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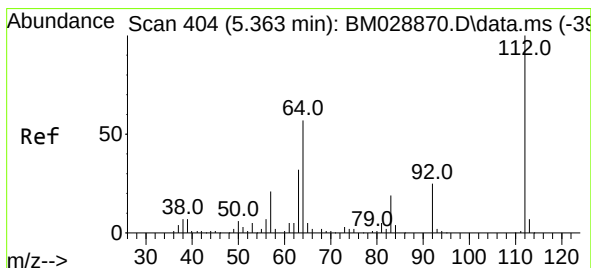
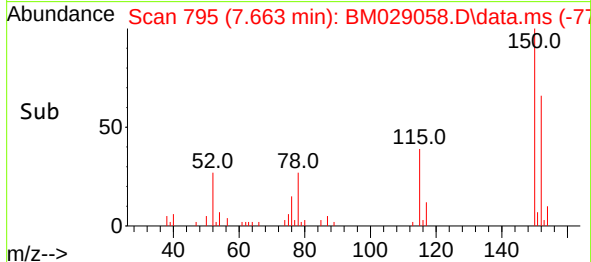
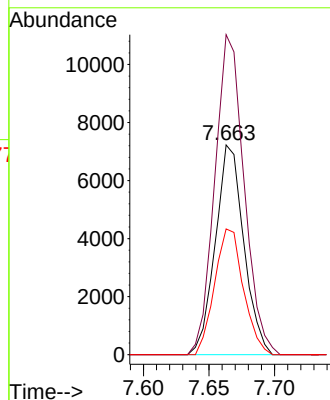
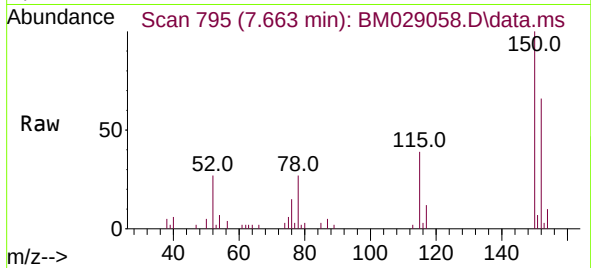




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.663 min Scan# 795
Delta R.T. -0.006 min
Lab File: BM029058.D
Acq: 09 Mar 2021 22:32

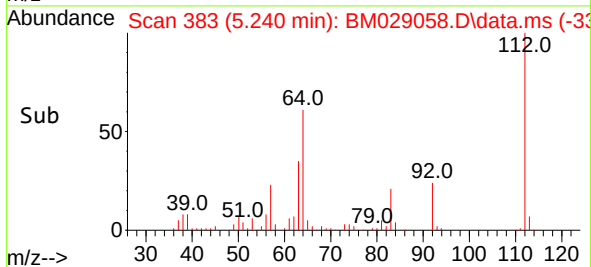
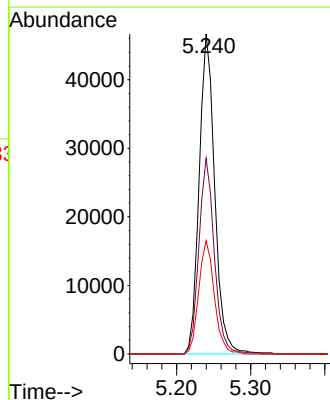
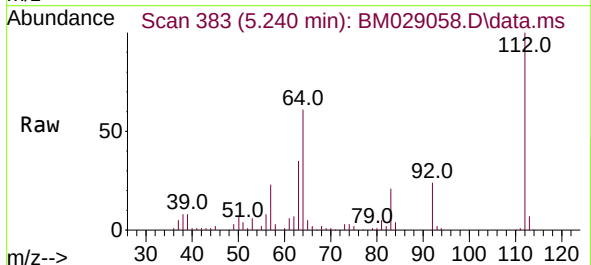
Instrument :
BNA_M
ClientSampled :
BIN-3

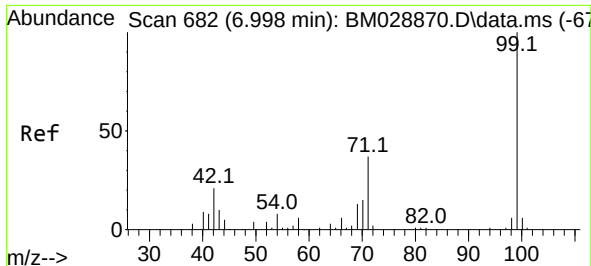
Tgt Ion:152 Resp: 10917
Ion Ratio Lower Upper
152 100
150 152.6 120.6 181.0
115 60.0 47.2 70.8



#5
2-Fluorophenol
Concen: 103.73 ng
RT: 5.240 min Scan# 383
Delta R.T. -0.006 min
Lab File: BM029058.D
Acq: 09 Mar 2021 22:32

Tgt Ion:112 Resp: 68321
Ion Ratio Lower Upper
112 100
64 61.1 50.6 76.0
63 35.4 31.0 46.6

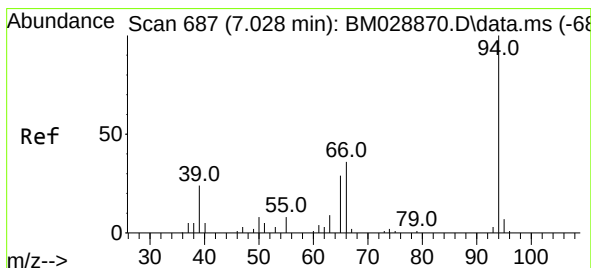
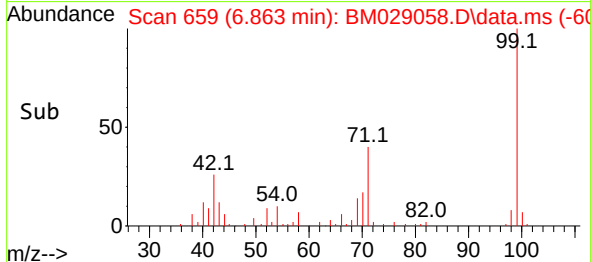
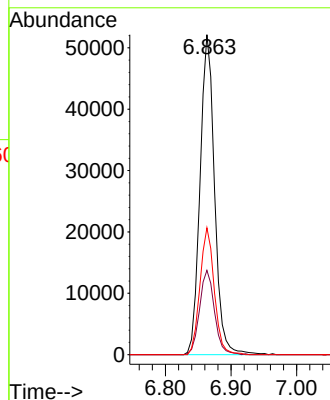
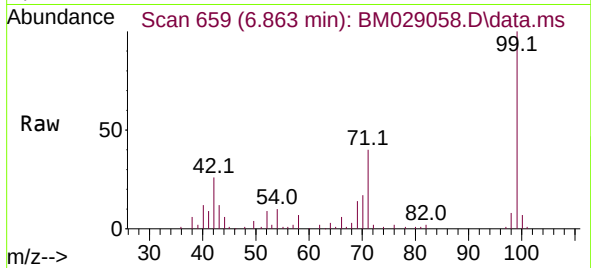




#7
Phenol-d6
Concen: 92.53 ng
RT: 6.863 min Scan# 659
Delta R.T. -0.006 min
Lab File: BM029058.D
Acq: 09 Mar 2021 22:32

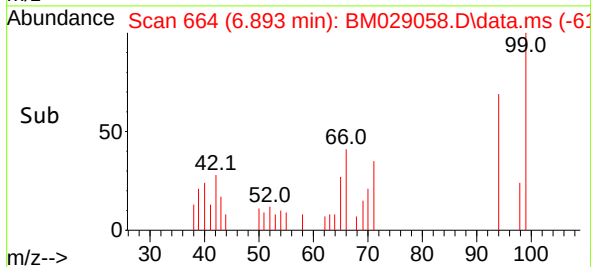
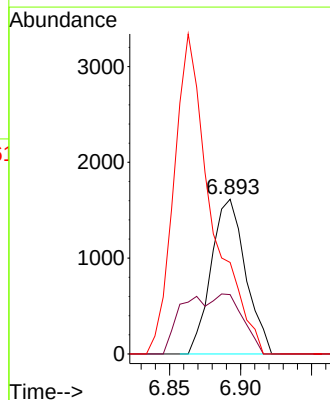
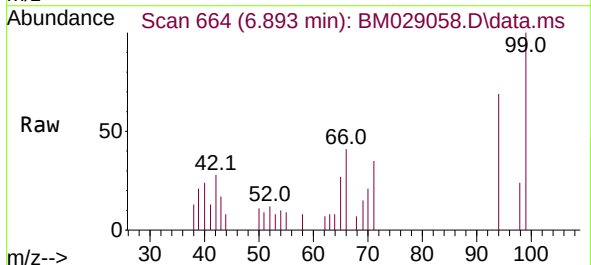
Instrument :
BNA_M
ClientSampled :
BIN-3

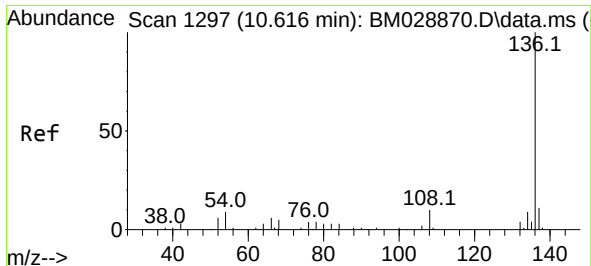
Tgt Ion: 99 Resp: 80494
Ion Ratio Lower Upper
99 100
42 26.3 13.5 20.3#
71 39.7 39.4 59.0



#10
Phenol
Concen: 3.15 ng
RT: 6.893 min Scan# 664
Delta R.T. -0.006 min
Lab File: BM029058.D
Acq: 09 Mar 2021 22:32

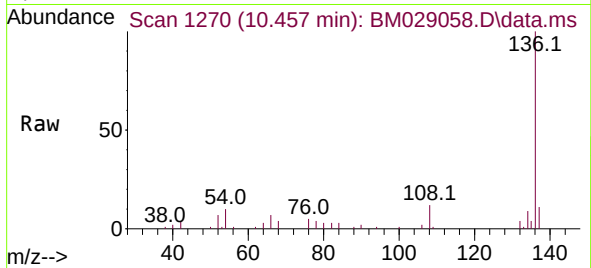
Tgt Ion: 94 Resp: 2721
Ion Ratio Lower Upper
94 100
65 38.3 16.4 56.4
66 59.1 30.2 70.2



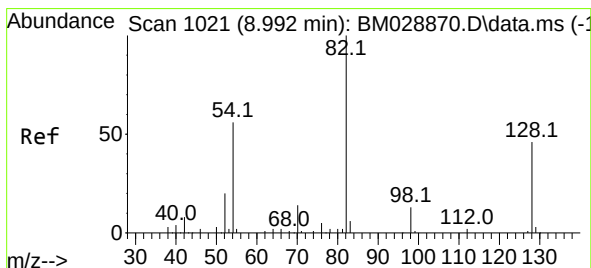
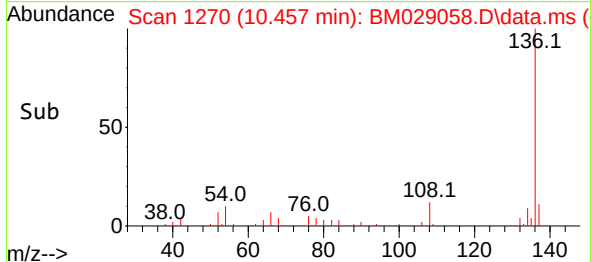
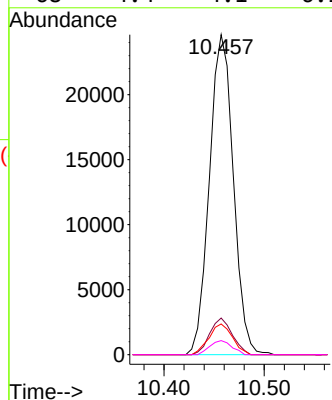


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.457 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BM029058.D
Acq: 09 Mar 2021 22:32

Instrument :
BNA_M
ClientSampled :
BIN-3

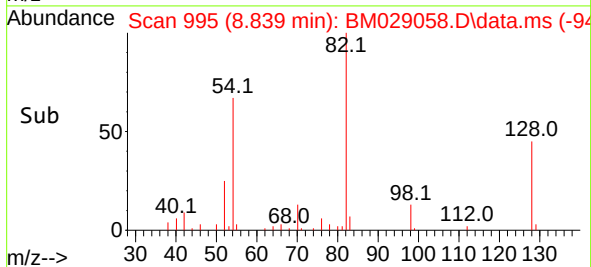
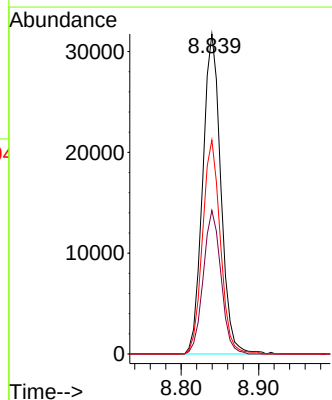
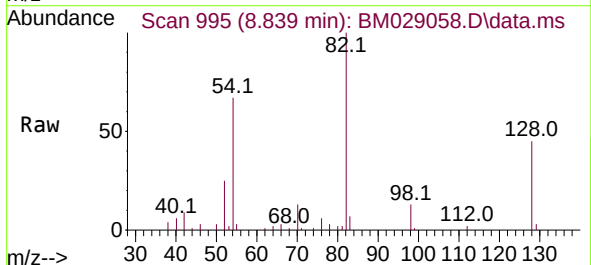


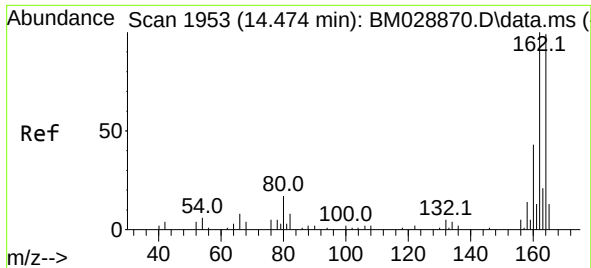
Tgt Ion:	136	Resp:	40842
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.6	12.8
54	9.6	4.6	7.0#
68	4.4	4.1	6.1



#23
Nitrobenzene-d5
Concen: 68.10 ng
RT: 8.839 min Scan# 995
Delta R.T. -0.006 min
Lab File: BM029058.D
Acq: 09 Mar 2021 22:32

Tgt Ion:	82	Resp:	51550
Ion Ratio	Lower	Upper	
82	100		
128	44.8	27.4	41.0#
54	66.9	31.4	47.0#

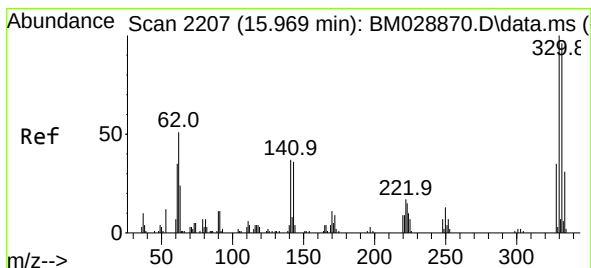
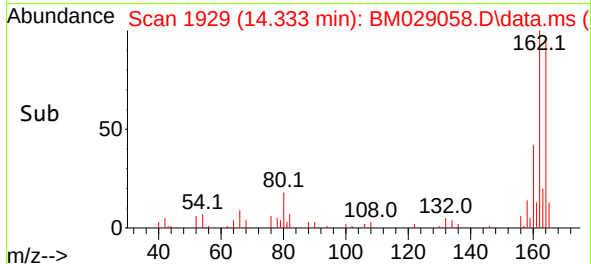
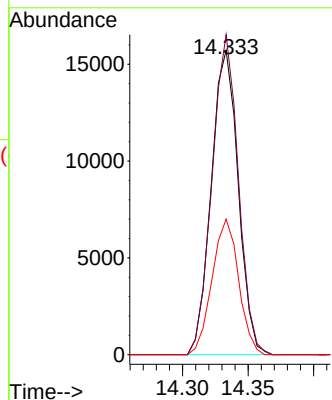
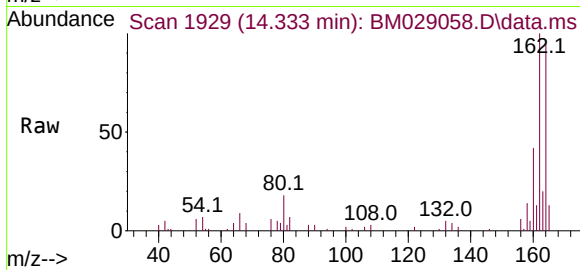




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.333 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BM029058.D
Acq: 09 Mar 2021 22:32

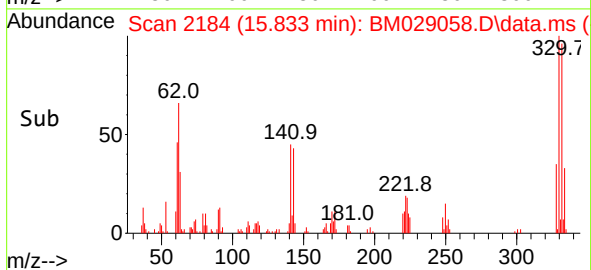
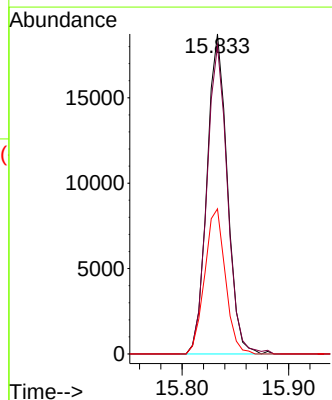
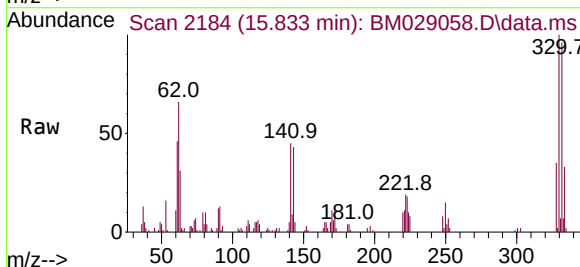
Instrument :
BNA_M
ClientSampleId :
BIN-3

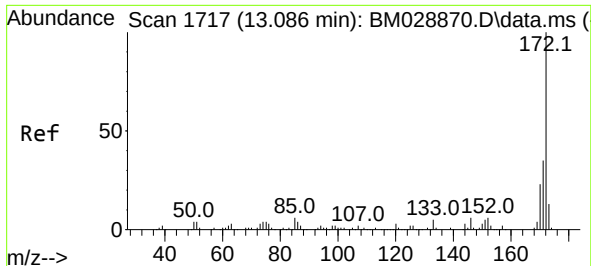
Tgt Ion:164	Resp:	22453
Ion Ratio	Lower	Upper
164	100	
162	105.1	80.4 120.6
160	44.5	35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 93.29 ng
RT: 15.833 min Scan# 2184
Delta R.T. -0.006 min
Lab File: BM029058.D
Acq: 09 Mar 2021 22:32

Tgt Ion:330	Resp:	24825
Ion Ratio	Lower	Upper
330	100	
332	97.3	77.8 116.8
141	46.1	28.4 42.6#

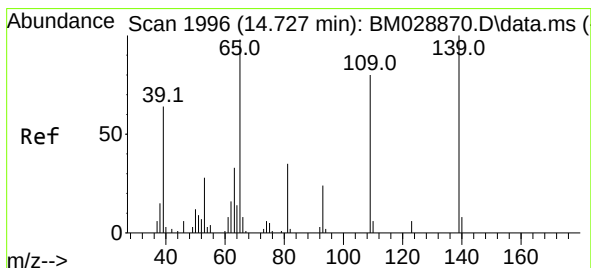
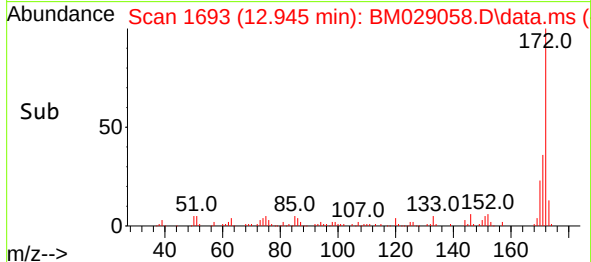
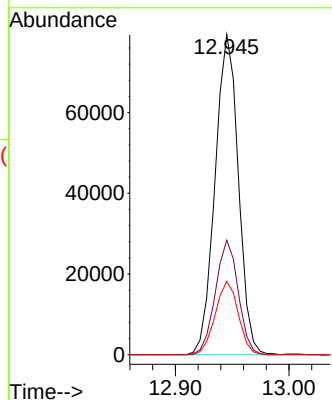
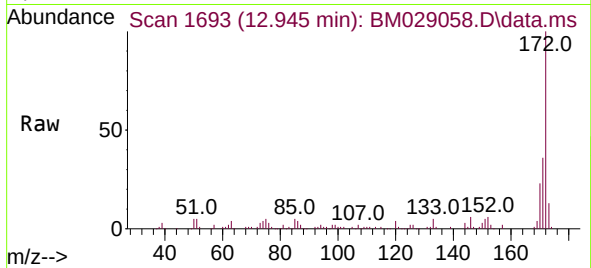




#45
2-Fluorobiphenyl
Concen: 67.03 ng
RT: 12.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: BM029058.D
Acq: 09 Mar 2021 22:32

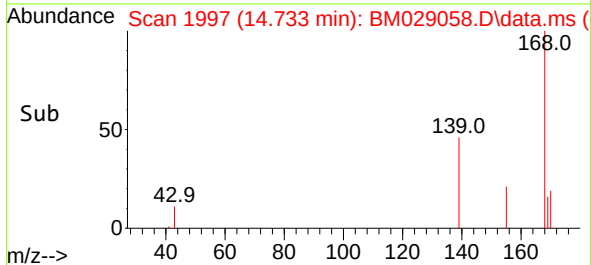
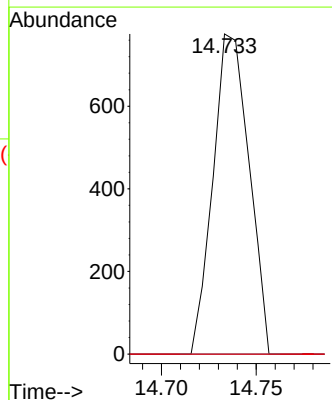
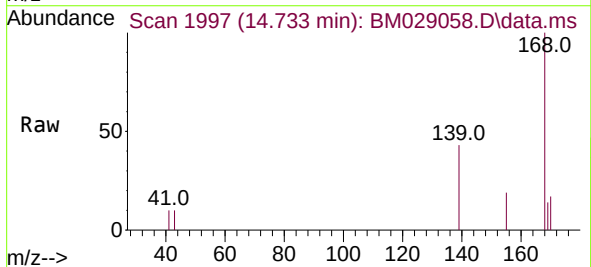
Instrument :
BNA_M
ClientSampled :
BIN-3

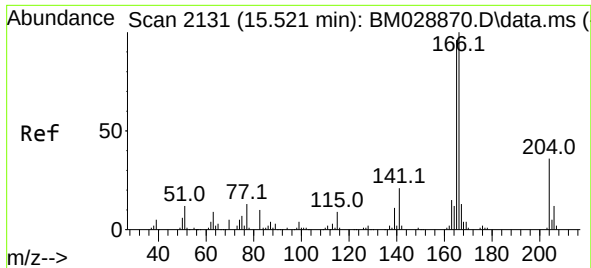
Tgt Ion:172 Resp: 113045
Ion Ratio Lower Upper
172 100
171 35.8 27.8 41.8
170 22.9 18.6 27.8



#56
4-Nitrophenol
Concen: 3.24 ng
RT: 14.733 min Scan# 1997
Delta R.T. 0.123 min
Lab File: BM029058.D
Acq: 09 Mar 2021 22:32

Tgt Ion:139 Resp: 1027
Ion Ratio Lower Upper
139 100
109 0.0 77.0 117.0#
65 0.0 103.4 143.4#

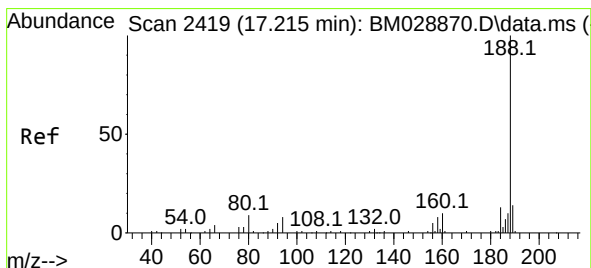
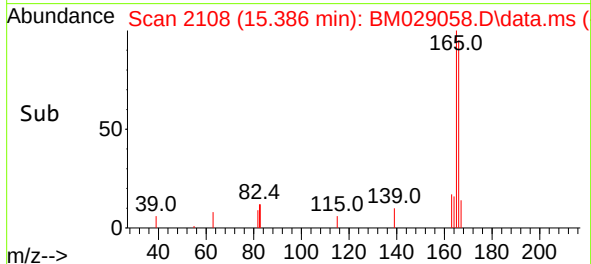
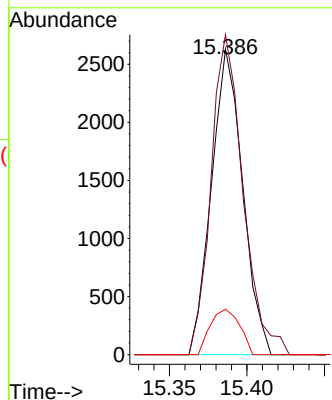
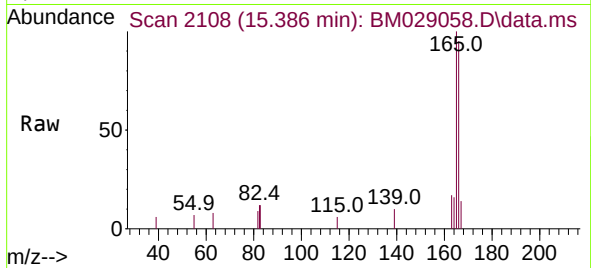




#58
Fluorene
Concen: 2.11 ng
RT: 15.386 min Scan# 2108
Delta R.T. -0.006 min
Lab File: BM029058.D
Acq: 09 Mar 2021 22:32

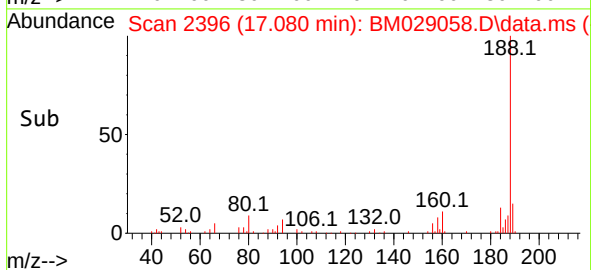
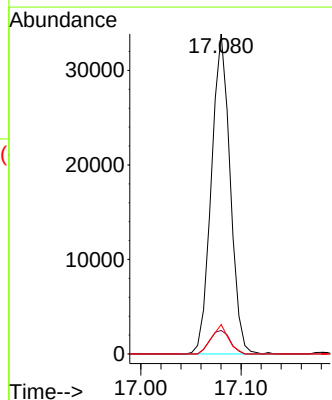
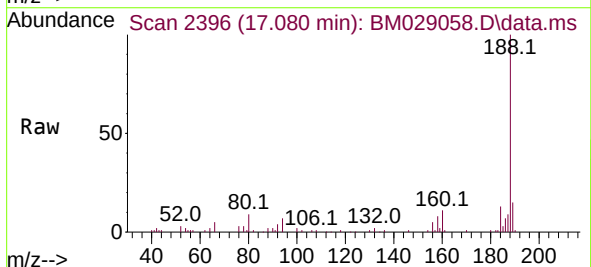
Instrument :
BNA_M
ClientSampled :
BIN-3

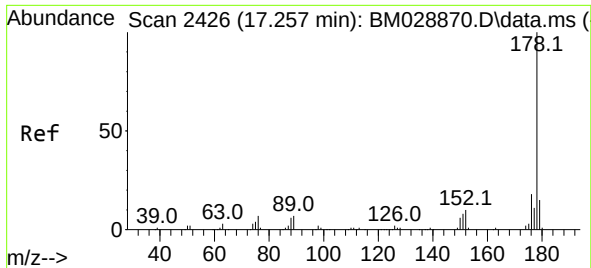
Tgt Ion:166 Resp: 3682
Ion Ratio Lower Upper
166 100
165 104.8 76.2 114.2
167 14.9 10.7 16.1



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.080 min Scan# 2396
Delta R.T. -0.006 min
Lab File: BM029058.D
Acq: 09 Mar 2021 22:32

Tgt Ion:188 Resp: 44091
Ion Ratio Lower Upper
188 100
94 7.3 6.2 9.4
80 9.2 7.5 11.3

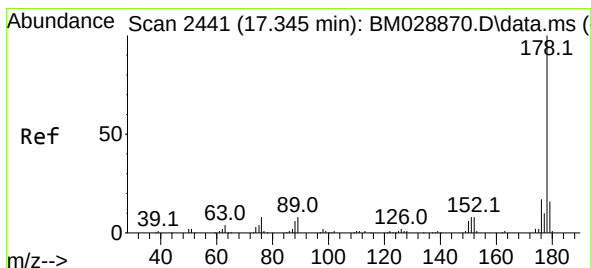
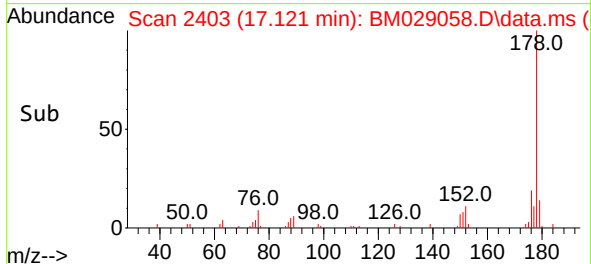
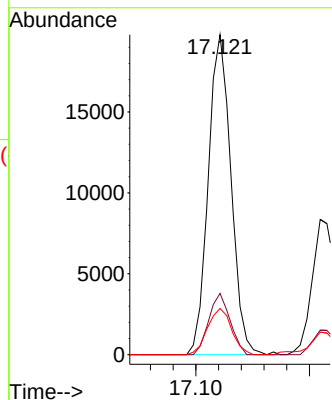
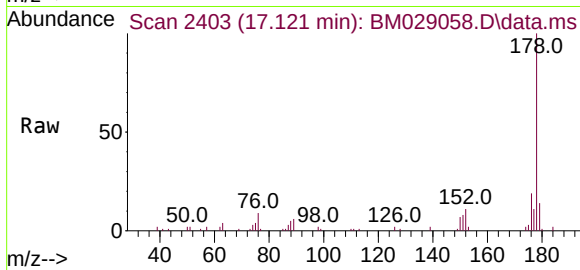




#71
Phenanthrene
Concen: 10.48 ng
RT: 17.121 min Scan# 2403
Delta R.T. -0.006 min
Lab File: BM029058.D
Acq: 09 Mar 2021 22:32

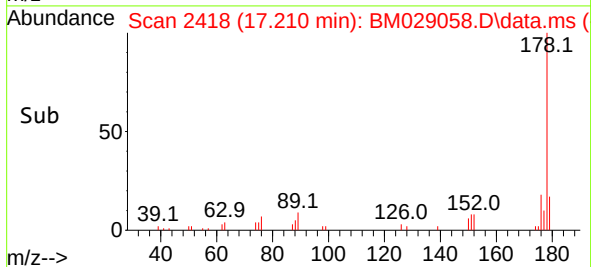
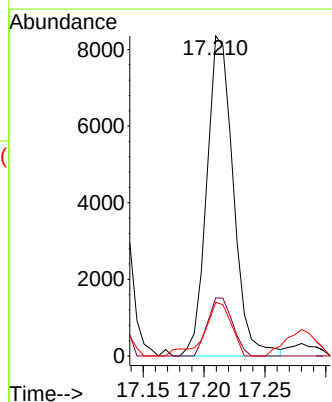
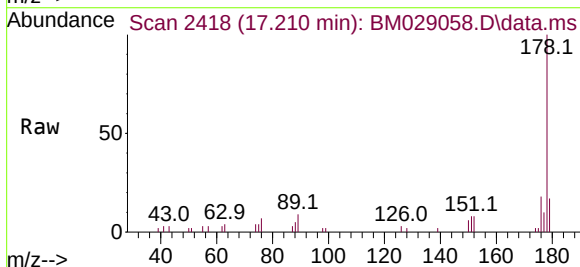
Instrument :
BNA_M
ClientSampled :
BIN-3

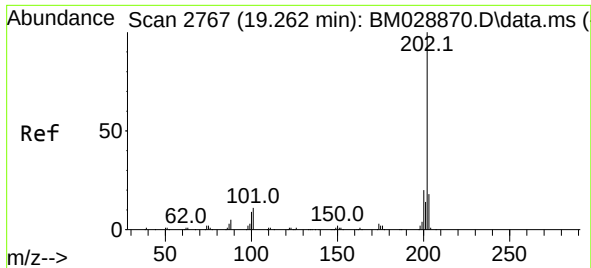
Tgt Ion:178 Resp: 27528
Ion Ratio Lower Upper
178 100
176 19.2 15.0 22.6
179 14.5 12.2 18.4



#72
Anthracene
Concen: 4.87 ng
RT: 17.210 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BM029058.D
Acq: 09 Mar 2021 22:32

Tgt Ion:178 Resp: 12664
Ion Ratio Lower Upper
178 100
176 18.1 15.0 22.4
179 16.7 12.5 18.7

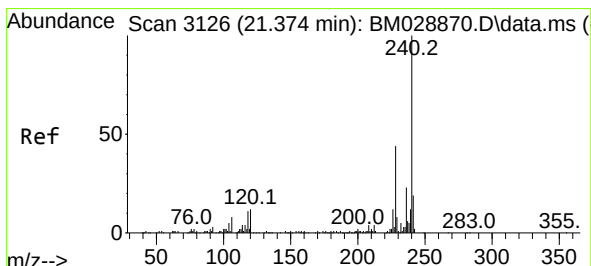
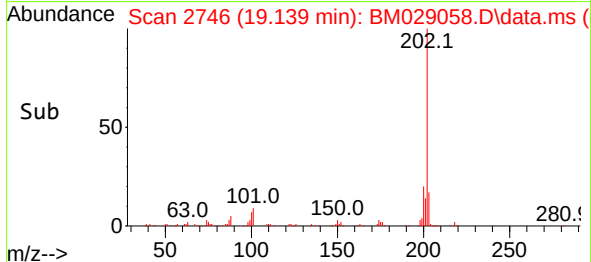
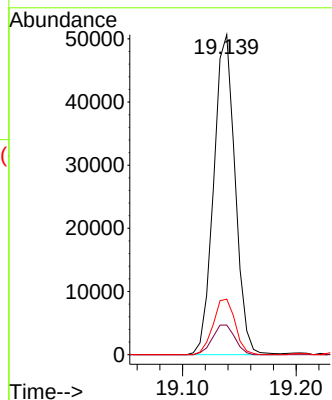
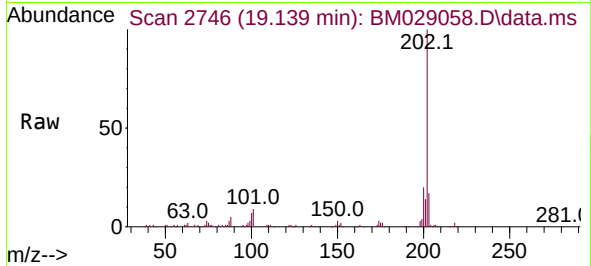




#75
Fluoranthene
Concen: 22.99 ng
RT: 19.139 min Scan# 2746
Delta R.T. -0.006 min
Lab File: BM029058.D
Acq: 09 Mar 2021 22:32

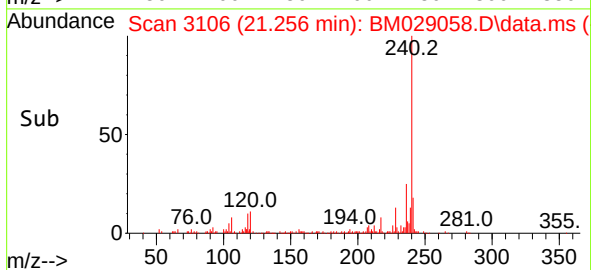
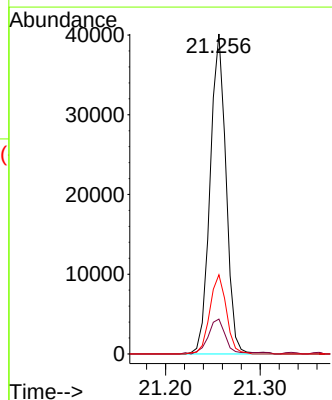
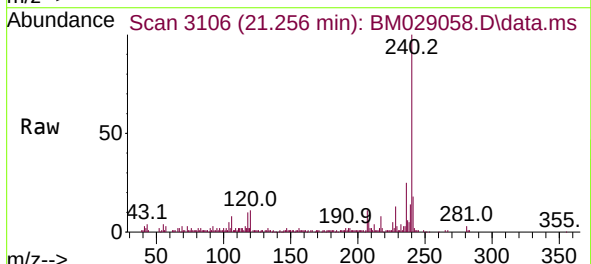
Instrument :
BNA_M
ClientSampleId :
BIN-3

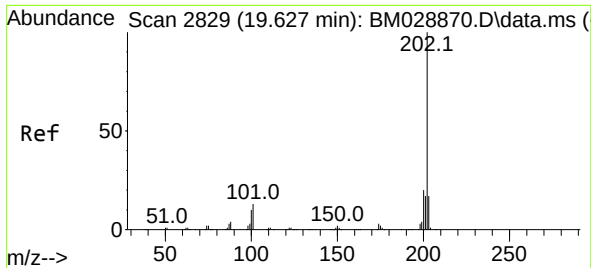
Tgt Ion:202 Resp: 66336
Ion Ratio Lower Upper
202 100
101 9.3 0.0 28.5
203 17.3 0.0 37.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.256 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BM029058.D
Acq: 09 Mar 2021 22:32

Tgt Ion:240 Resp: 46731
Ion Ratio Lower Upper
240 100
120 10.9 6.4 9.6#
236 24.7 20.1 30.1

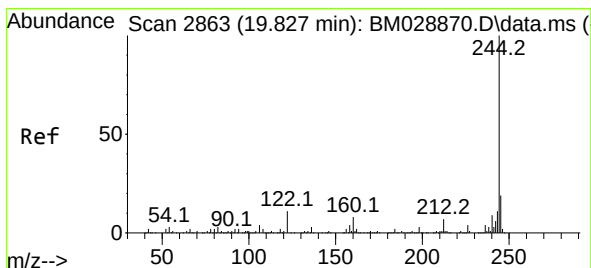
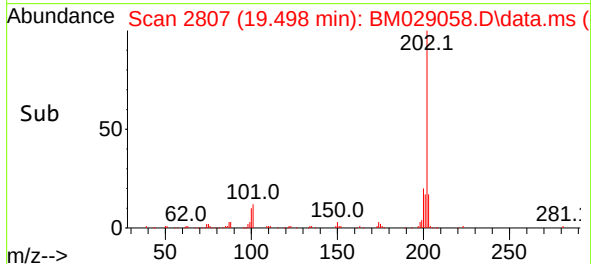
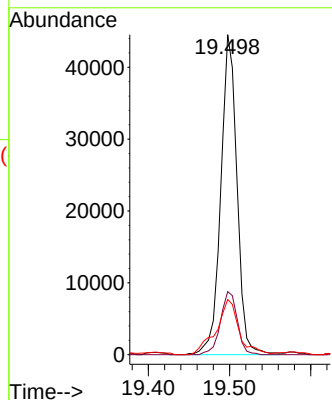
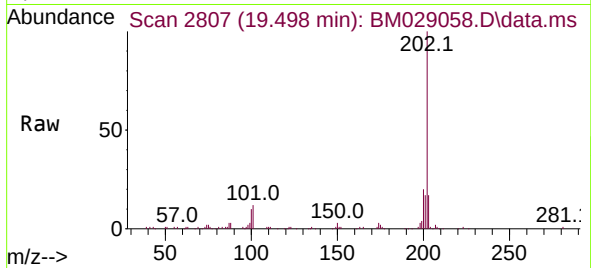




#78
Pyrene
Concen: 18.09 ng
RT: 19.498 min Scan# 2807
Delta R.T. -0.006 min
Lab File: BM029058.D
Acq: 09 Mar 2021 22:32

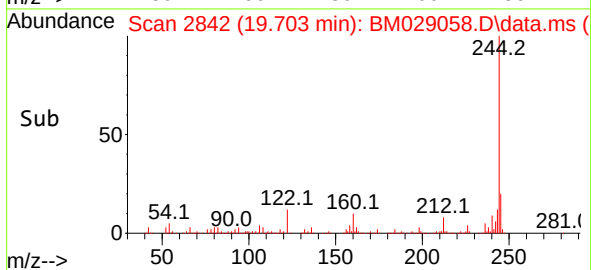
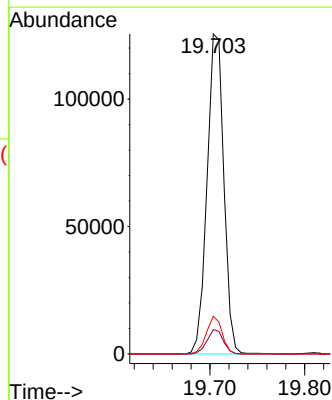
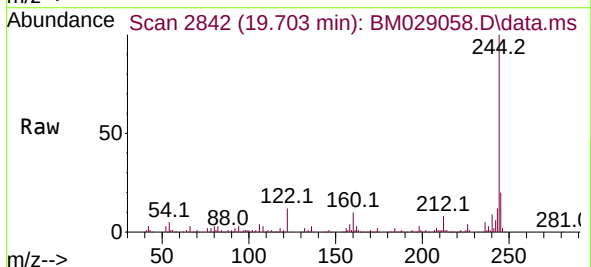
Instrument :
BNA_M
ClientSampleId :
BIN-3

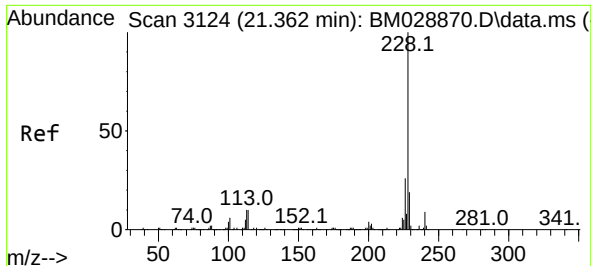
Tgt Ion:	202	Resp:	62090
Ion Ratio	Lower	Upper	
202	100		
200	19.7	16.6	24.8
203	17.3	13.8	20.6



#79
Terphenyl-d14
Concen: 60.93 ng
RT: 19.703 min Scan# 2842
Delta R.T. -0.006 min
Lab File: BM029058.D
Acq: 09 Mar 2021 22:32

Tgt Ion:	244	Resp:	154215
Ion Ratio	Lower	Upper	
244	100		
212	7.6	5.8	8.8
122	11.8	6.5	9.7#

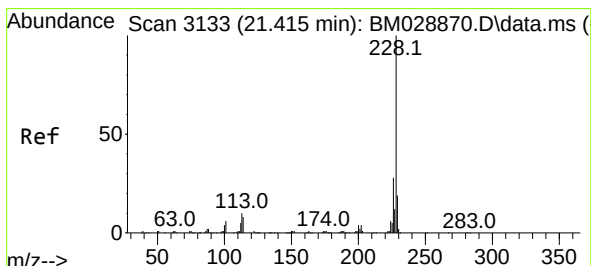
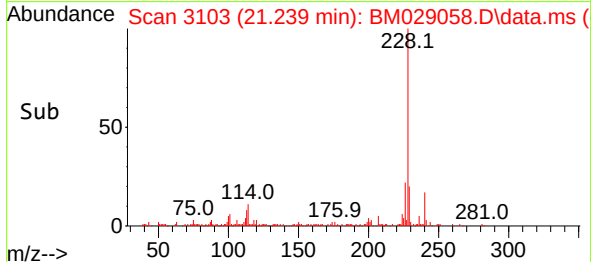
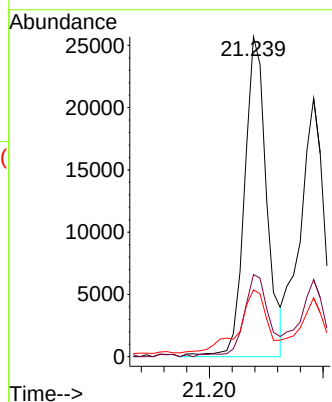
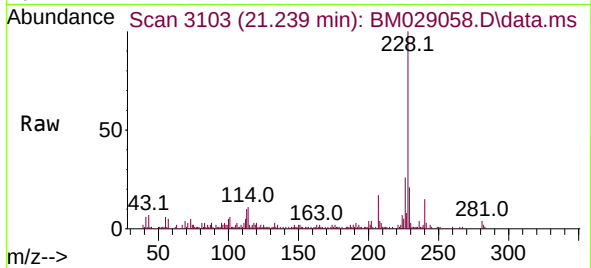




#81
Benzo(a)anthracene
Concen: 10.71 ng
RT: 21.239 min Scan# 3103
Delta R.T. -0.006 min
Lab File: BM029058.D
Acq: 09 Mar 2021 22:32

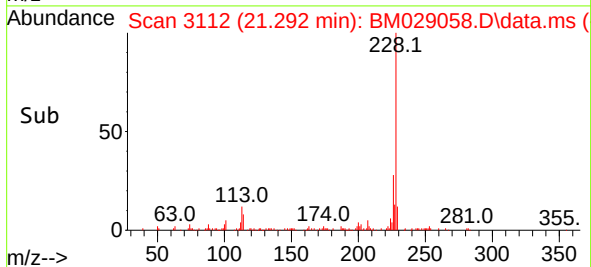
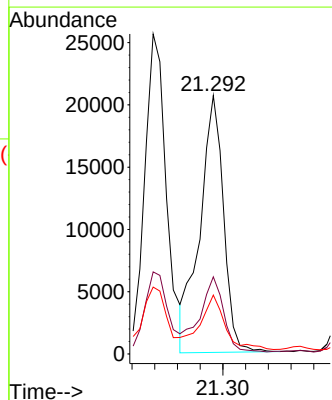
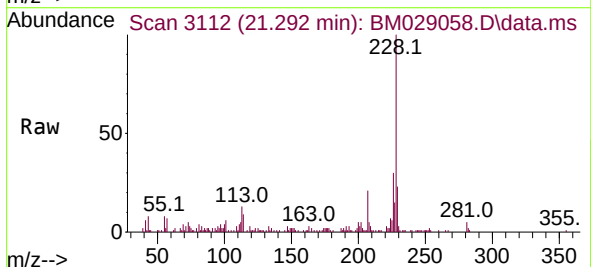
Instrument :
BNA_M
ClientSampled :
BIN-3

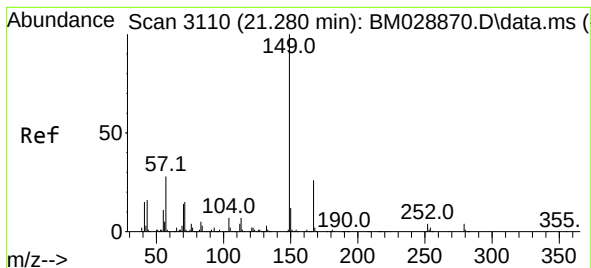
Tgt Ion:228 Resp: 34732
Ion Ratio Lower Upper
228 100
226 25.7 21.1 31.7
229 20.9 15.7 23.5



#83
Chrysene
Concen: 9.48 ng
RT: 21.292 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BM029058.D
Acq: 09 Mar 2021 22:32

Tgt Ion:228 Resp: 29967
Ion Ratio Lower Upper
228 100
226 29.8 23.4 35.0
229 22.8 15.7 23.5

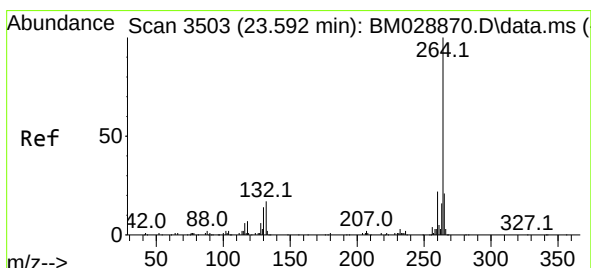
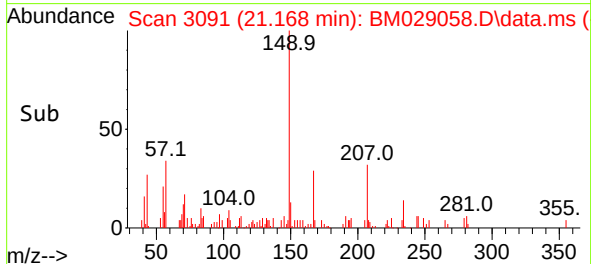
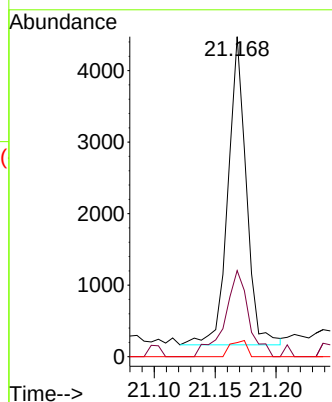
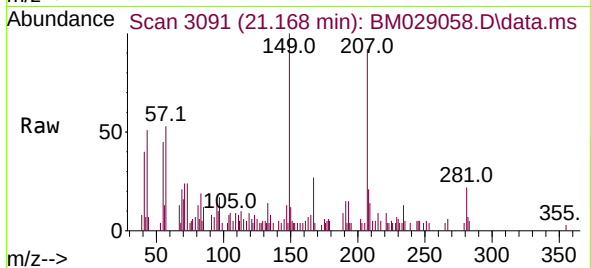




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.12 ng
RT: 21.168 min Scan# 3091
Delta R.T. -0.006 min
Lab File: BM029058.D
Acq: 09 Mar 2021 22:32

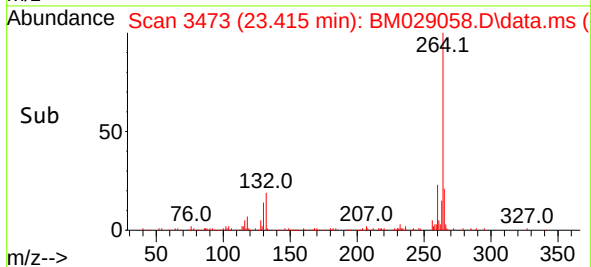
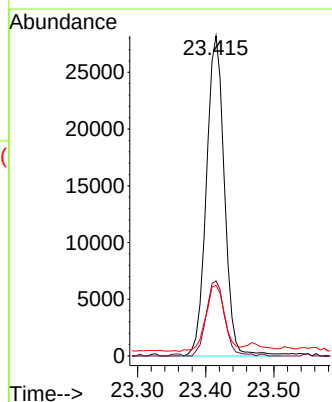
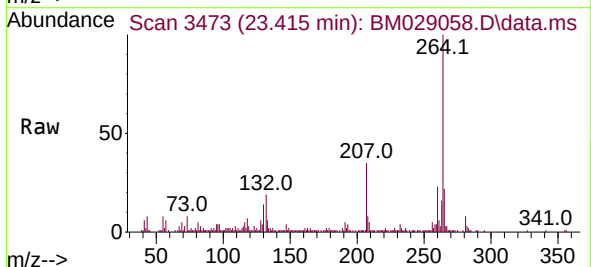
Instrument :
BNA_M
ClientSampled :
BIN-3

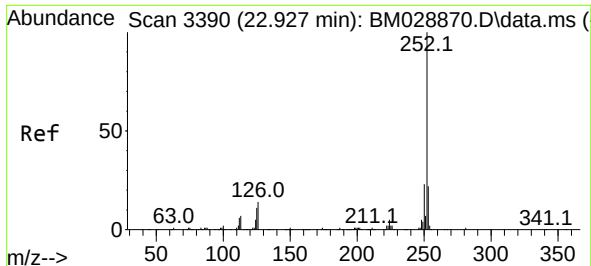
Tgt Ion:149 Resp: 4508
Ion Ratio Lower Upper
149 100
167 26.9 22.7 34.1
279 4.4 4.0 6.0



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.415 min Scan# 3473
Delta R.T. -0.006 min
Lab File: BM029058.D
Acq: 09 Mar 2021 22:32

Tgt Ion:264 Resp: 51729
Ion Ratio Lower Upper
264 100
260 23.5 19.0 28.4
265 22.1 17.7 26.5

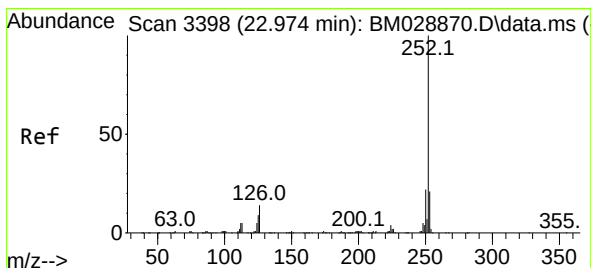
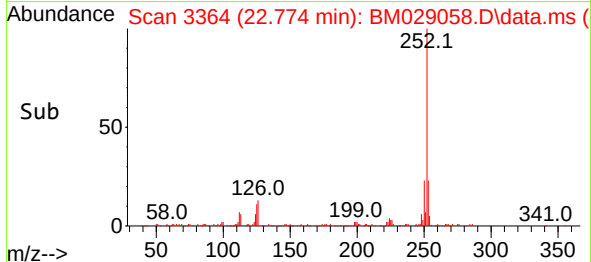
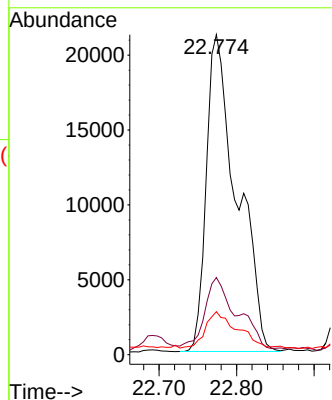
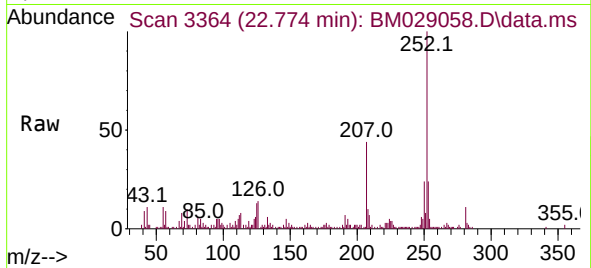




#88
Benzo(b)fluoranthene
Concen: 15.87 ng
RT: 22.774 min Scan# 3364
Delta R.T. -0.006 min
Lab File: BM029058.D
Acq: 09 Mar 2021 22:32

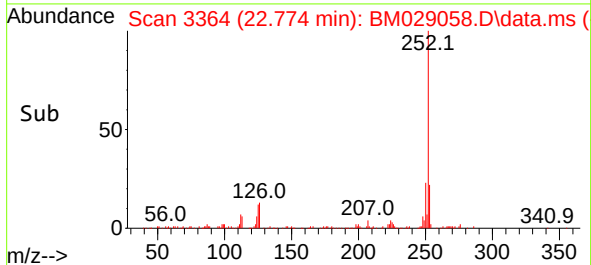
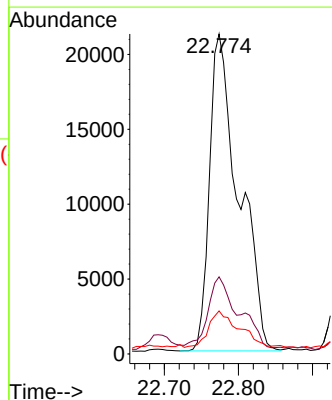
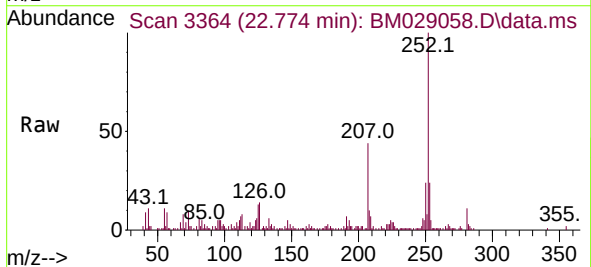
Instrument :
BNA_M
ClientSampled :
BIN-3

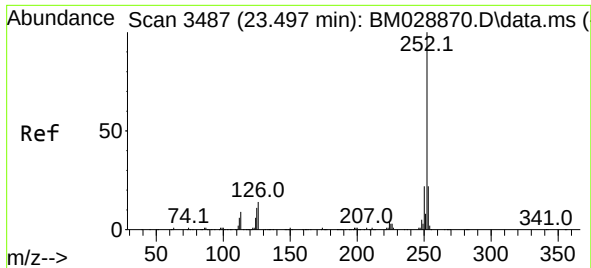
Tgt Ion:252 Resp: 57981
Ion Ratio Lower Upper
252 100
253 24.1 17.4 26.0
125 13.5 5.7 8.5#



#89
Benzo(k)fluoranthene
Concen: 16.72 ng
RT: 22.774 min Scan# 3364
Delta R.T. -0.047 min
Lab File: BM029058.D
Acq: 09 Mar 2021 22:32

Tgt Ion:252 Resp: 58038
Ion Ratio Lower Upper
252 100
253 24.1 17.4 26.0
125 13.5 5.6 8.4#

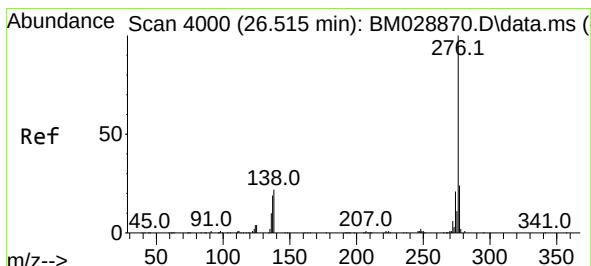
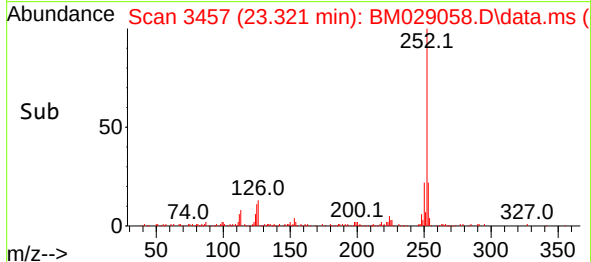
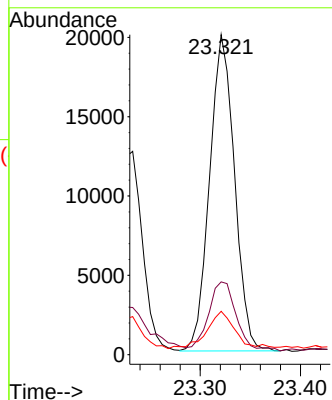
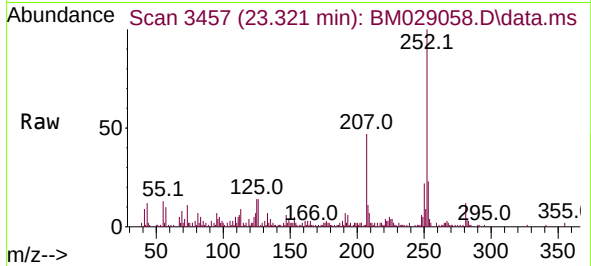




#90
Benzo(a)pyrene
Concen: 10.33 ng
RT: 23.321 min Scan# 3457
Delta R.T. -0.012 min
Lab File: BM029058.D
Acq: 09 Mar 2021 22:32

Instrument :
BNA_M
ClientSampleId :
BIN-3

Tgt Ion:252 Resp: 34448
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 13.6 6.6 9.8#



#92
Benzo(g,h,i)perylene
Concen: 8.01 ng
RT: 26.232 min Scan# 3952
Delta R.T. -0.006 min
Lab File: BM029058.D
Acq: 09 Mar 2021 22:32

Tgt Ion:276 Resp: 26231
Ion Ratio Lower Upper
276 100
277 24.8 18.6 28.0
138 23.9 12.2 18.2#

