

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033121\
 Data File : BM029293.D
 Acq On : 31 Mar 2021 14:37
 Operator : CG/JU
 Sample : M1720-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BG-2-(0.0-0.5)

Quant Time: Mar 31 15:46:12 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 29 11:14:33 2021
 Response via : Initial Calibration

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

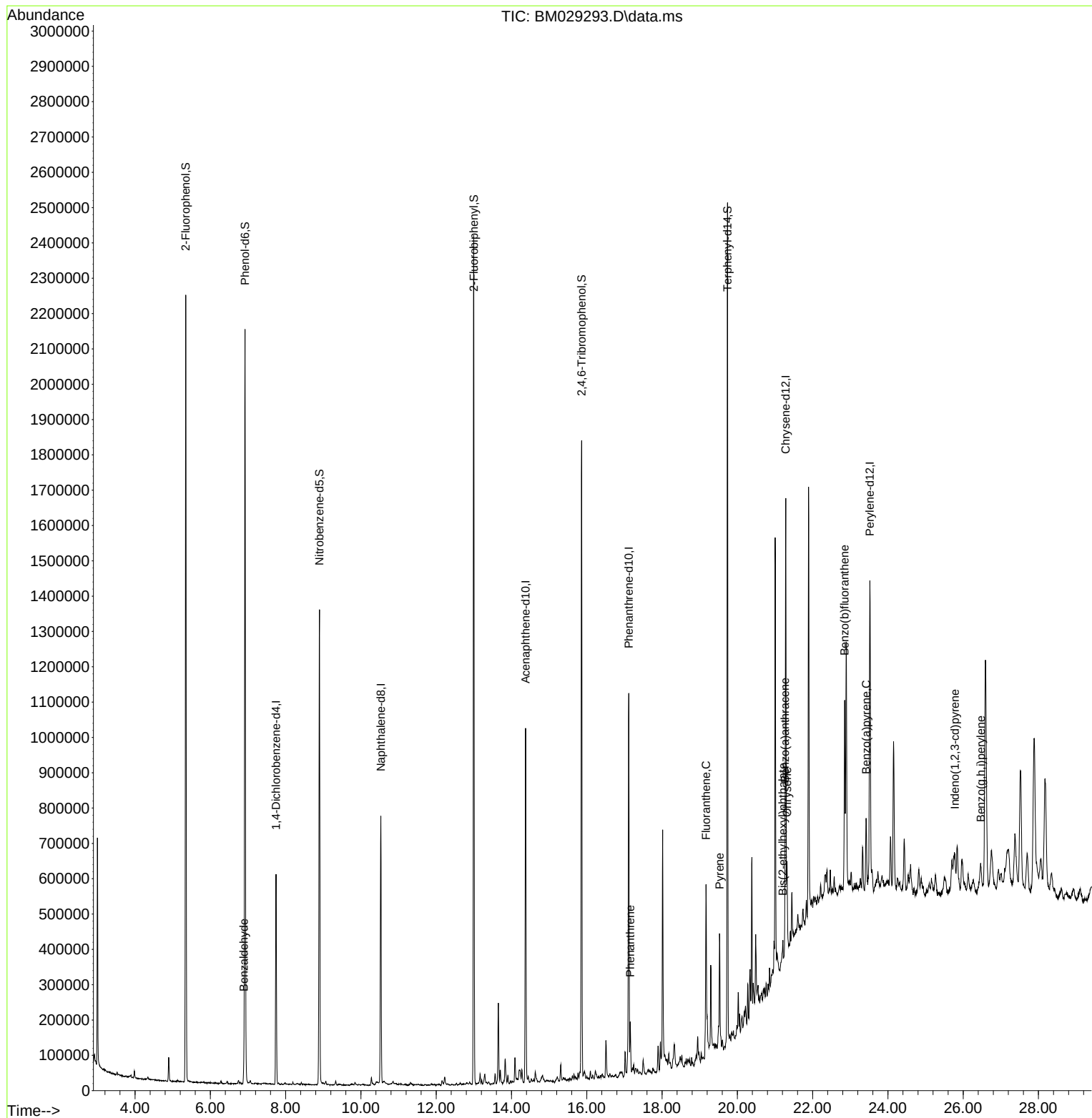
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.745	152	143382	20.00	ng	0.00
21) Naphthalene-d8	10.528	136	568924	20.00	ng	0.00
39) Acenaphthene-d10	14.374	164	318888	20.00	ng	0.00
64) Phenanthrene-d10	17.115	188	580064	20.00	ng	0.00
76) Chrysene-d12	21.286	240	508118	20.00	ng	0.00
86) Perylene-d12	23.521	264	544637	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	811151	97.52	ng	0.00
7) Phenol-d6	6.922	99	1058921	88.71	ng	0.00
23) Nitrobenzene-d5	8.898	82	751311	64.12	ng	0.00
42) 2,4,6-Tribromophenol	15.863	330	249993	84.65	ng	0.00
45) 2-Fluorobiphenyl	12.998	172	1133116	50.40	ng	0.00
79) Terphenyl-d14	19.739	244	934806	36.96	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.893	77	26067	3.48	ng	95
71) Phenanthrene	17.157	178	77651	2.31	ng	97
75) Fluoranthene	19.168	202	212726	5.72	ng	99
78) Pyrene	19.527	202	176226	5.12	ng	98
81) Benzo(a)anthracene	21.268	228	95713	2.89	ng	96
83) Chrysene	21.321	228	109110	3.29	ng	97
84) Bis(2-ethylhexyl)phtha...	21.209	149	17104	4.40	ng	97
87) Indeno(1,2,3-cd)pyrene	25.780	276	84803	2.13	ng	96
88) Benzo(b)fluoranthene	22.850	252	171394	4.84	ng	# 92
90) Benzo(a)pyrene	23.421	252	104364	3.25	ng	# 91
92) Benzo(g,h,i)perylene	26.468	276	85532	2.56	ng	95

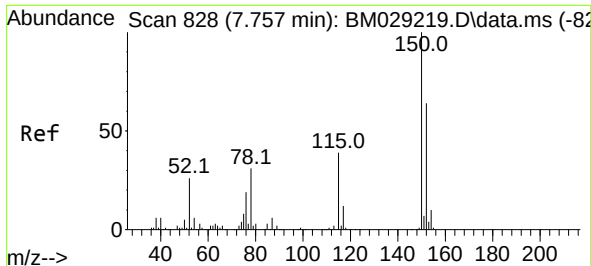
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Mar 29 11:14:33 2021
Response via : Initial Calibration

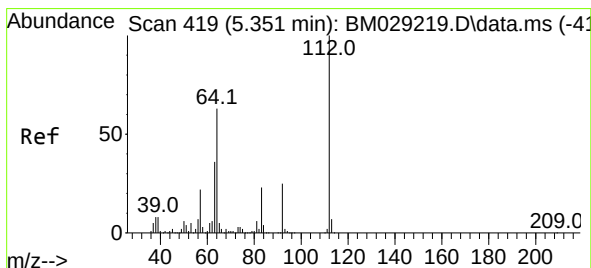
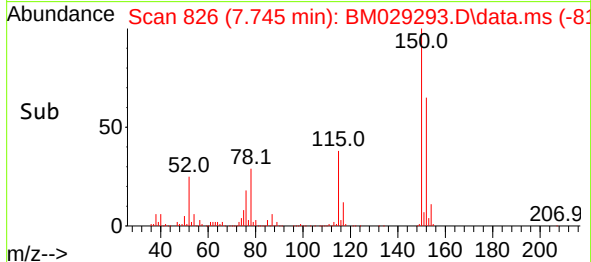
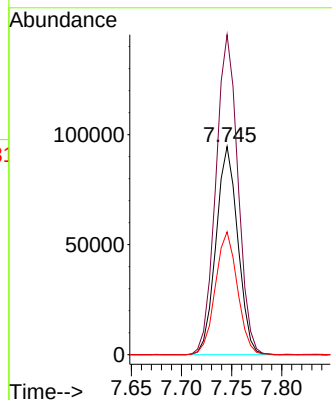
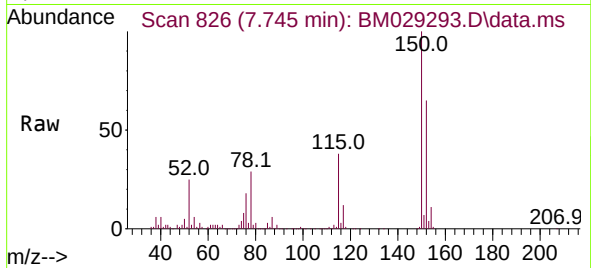




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.745 min Scan# 826
Delta R.T. -0.007 min
Lab File: BM029293.D
Acq: 31 Mar 2021 14:37

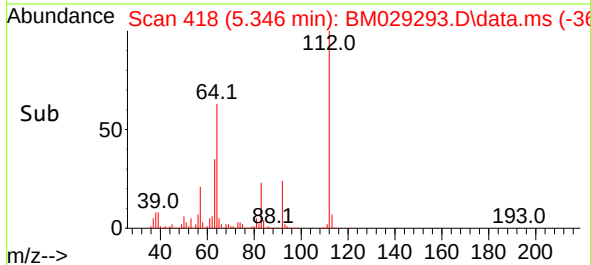
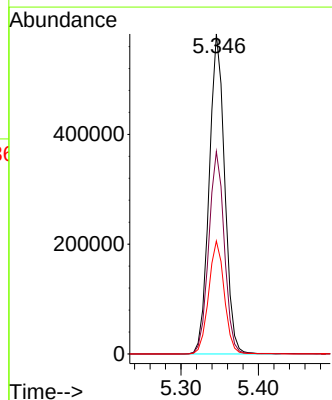
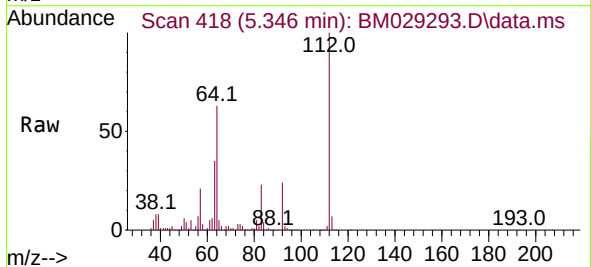
Instrument :
BNA_M
ClientSampleId :
BG-2-(0.0-0.5)

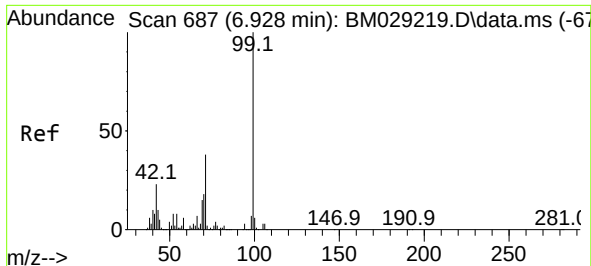
Tgt Ion:152 Resp: 143382
Ion Ratio Lower Upper
152 100
150 153.7 124.3 186.5
115 59.1 46.4 69.6



#5
2-Fluorophenol
Concen: 97.52 ng
RT: 5.346 min Scan# 418
Delta R.T. -0.006 min
Lab File: BM029293.D
Acq: 31 Mar 2021 14:37

Tgt Ion:112 Resp: 811151
Ion Ratio Lower Upper
112 100
64 63.3 51.6 77.4
63 35.3 29.0 43.4



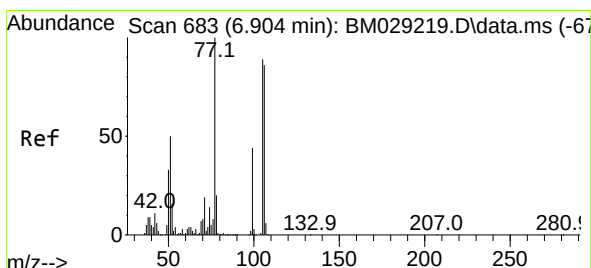
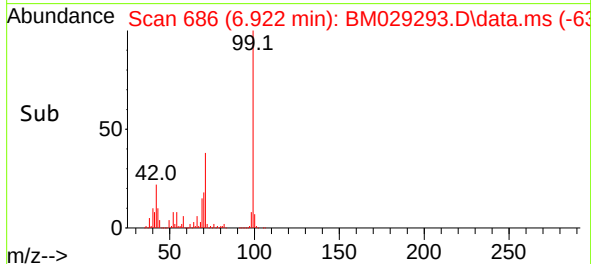
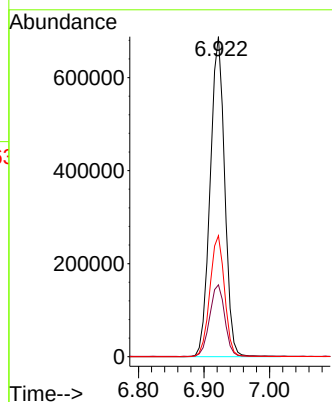
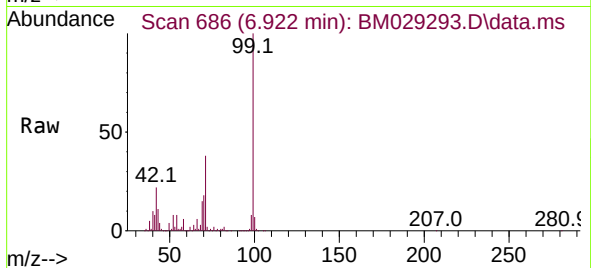


#7
Phenol-d6
Concen: 88.71 ng
RT: 6.922 min Scan# 686
Delta R.T. -0.000 min
Lab File: BM029293.D
Acq: 31 Mar 2021 14:37

Instrument :
BNA_M
ClientSampleId :
BG-2-(0.0-0.5)

Tgt Ion: 99 Resp: 1058921

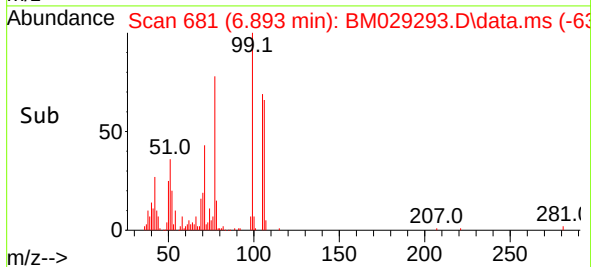
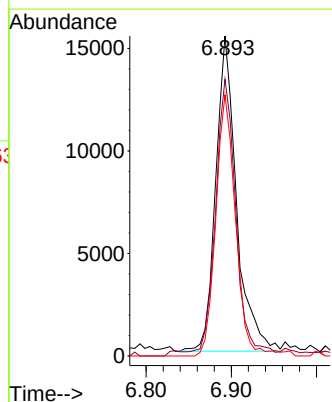
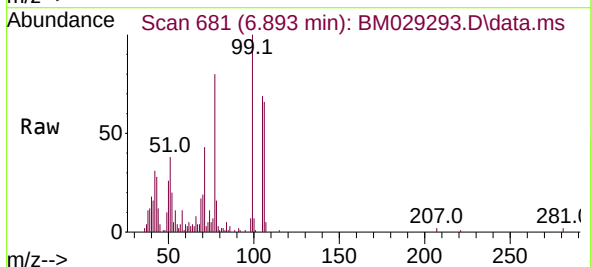
Ion	Ratio	Lower	Upper
99	100		
42	22.5	18.5	27.7
71	37.8	31.8	47.6

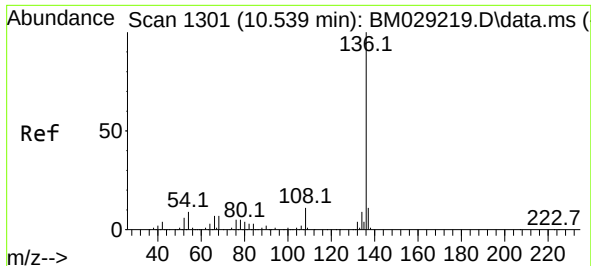


#9
Benzaldehyde
Concen: 3.48 ng
RT: 6.893 min Scan# 681
Delta R.T. -0.006 min
Lab File: BM029293.D
Acq: 31 Mar 2021 14:37

Tgt Ion: 77 Resp: 26067

Ion	Ratio	Lower	Upper
77	100		
105	86.5	71.4	111.4
106	81.6	66.5	106.5

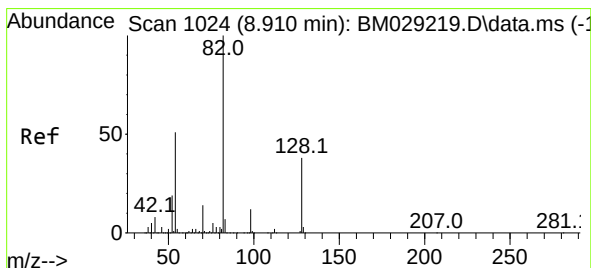
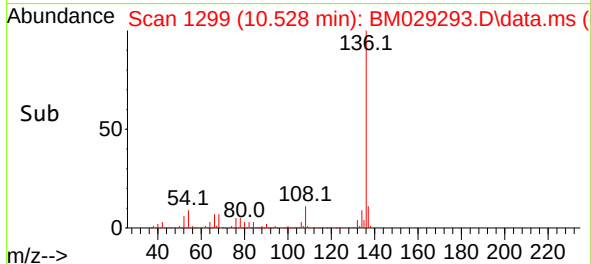
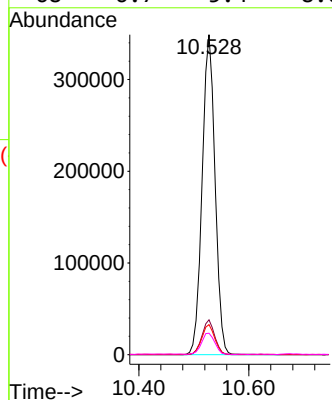
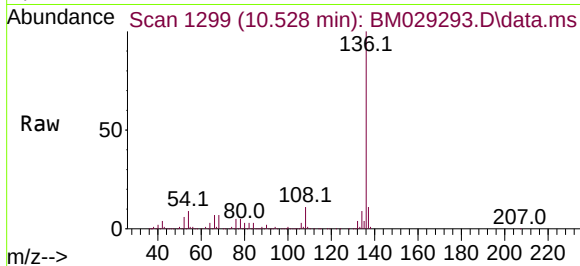




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.528 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BM029293.D
Acq: 31 Mar 2021 14:37

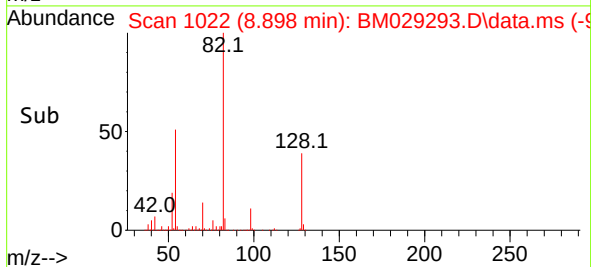
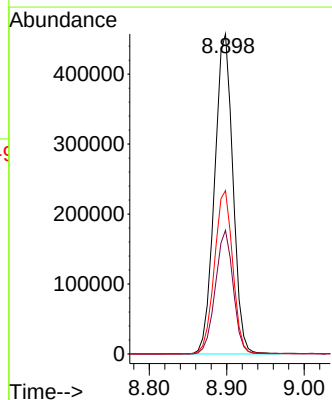
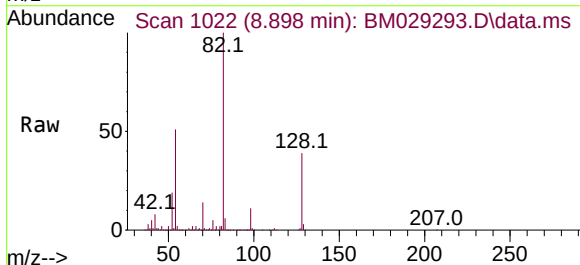
Instrument :
BNA_M
ClientSampleId :
BG-2-(0.0-0.5)

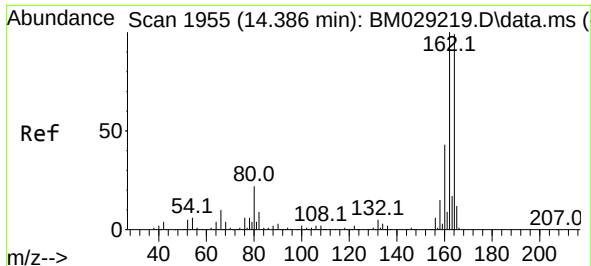
Tgt Ion:	136	Resp:	568924
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.3	13.9
54	9.4	6.9	10.3
68	6.7	5.4	8.0



#23
Nitrobenzene-d5
Concen: 64.12 ng
RT: 8.898 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BM029293.D
Acq: 31 Mar 2021 14:37

Tgt Ion:	82	Resp:	751311
Ion Ratio	Lower	Upper	
82	100		
128	38.6	28.6	42.8
54	51.0	40.7	61.1

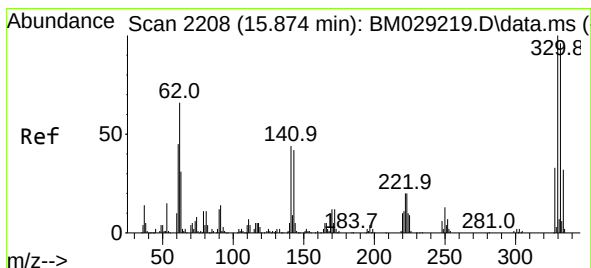
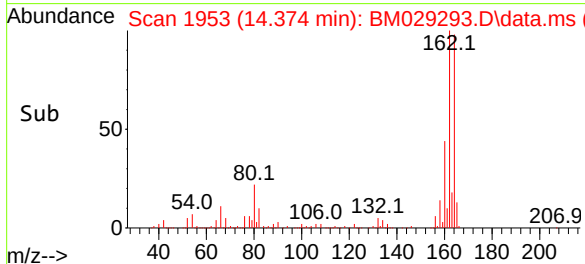
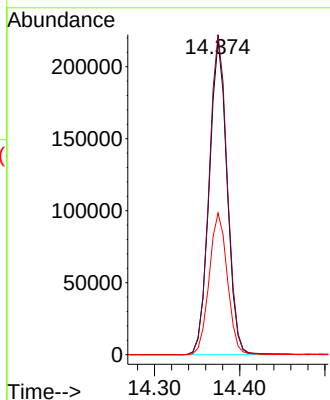
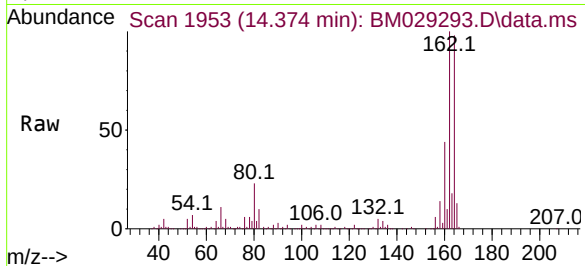




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.374 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BM029293.D
Acq: 31 Mar 2021 14:37

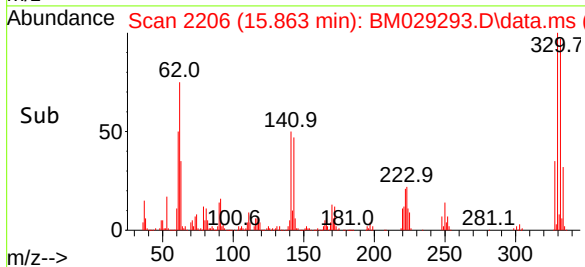
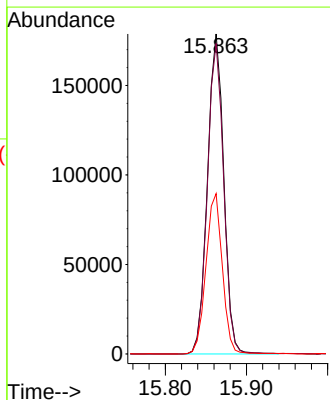
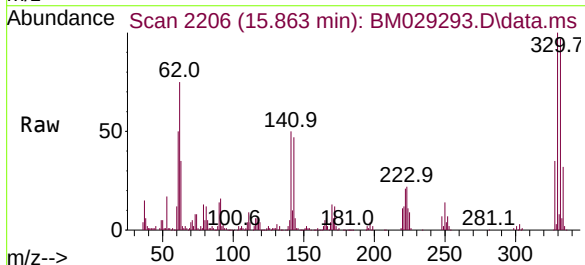
Instrument :
BNA_M
ClientSampleId :
BG-2-(0.0-0.5)

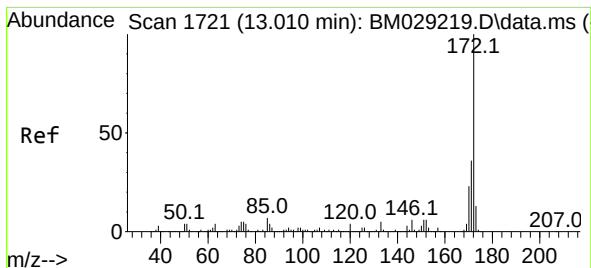
Tgt Ion:164 Resp: 318888
Ion Ratio Lower Upper
164 100
162 101.8 84.4 126.6
160 45.1 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 84.65 ng
RT: 15.863 min Scan# 2206
Delta R.T. -0.000 min
Lab File: BM029293.D
Acq: 31 Mar 2021 14:37

Tgt Ion:330 Resp: 249993
Ion Ratio Lower Upper
330 100
332 96.9 77.1 115.7
141 50.5 39.2 58.8

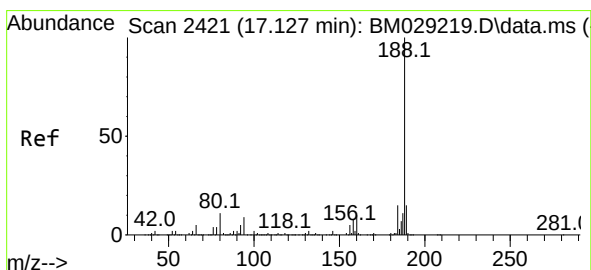
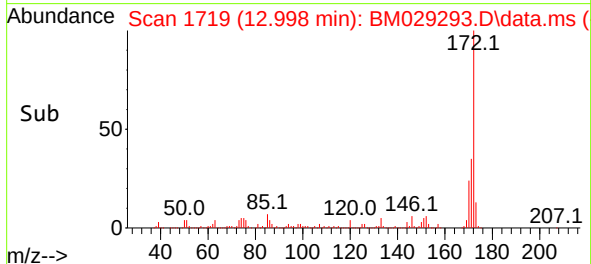
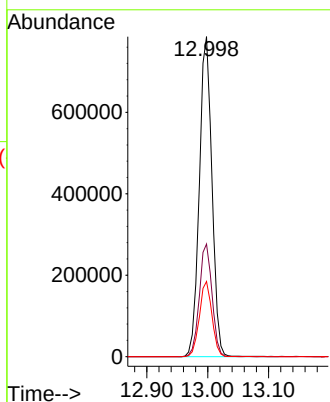
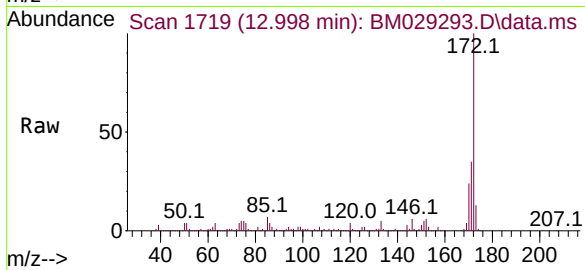




#45
2-Fluorobiphenyl
Concen: 50.40 ng
RT: 12.998 min Scan# 1719
Delta R.T. -0.006 min
Lab File: BM029293.D
Acq: 31 Mar 2021 14:37

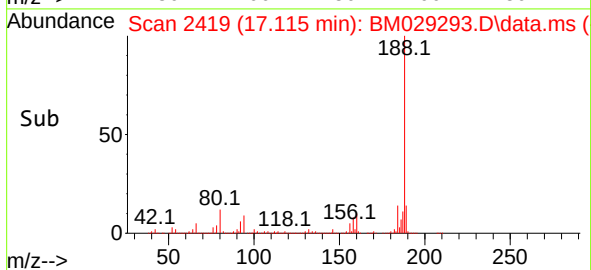
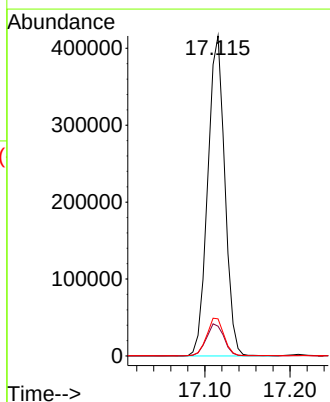
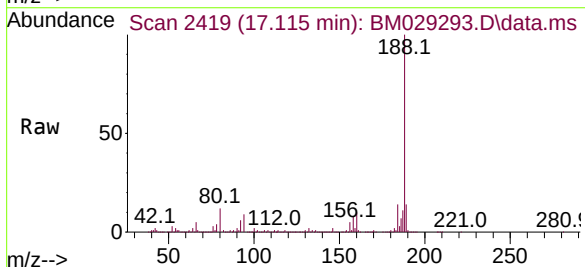
Instrument :
BNA_M
ClientSampleId :
BG-2-(0.0-0.5)

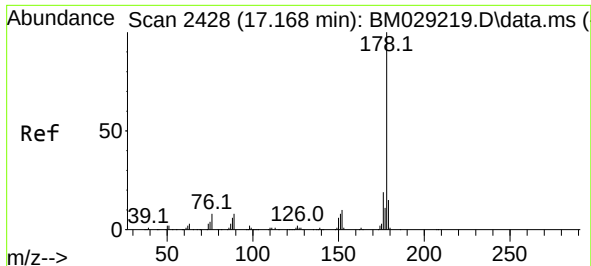
Tgt Ion:172 Resp: 1133116
Ion Ratio Lower Upper
172 100
171 35.2 28.7 43.1
170 23.5 18.8 28.2



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.115 min Scan# 2419
Delta R.T. -0.000 min
Lab File: BM029293.D
Acq: 31 Mar 2021 14:37

Tgt Ion:188 Resp: 580064
Ion Ratio Lower Upper
188 100
94 9.3 8.1 12.1
80 11.6 9.2 13.8

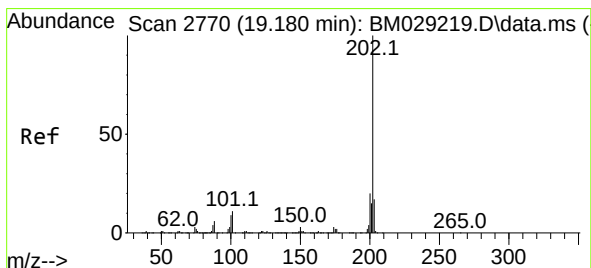
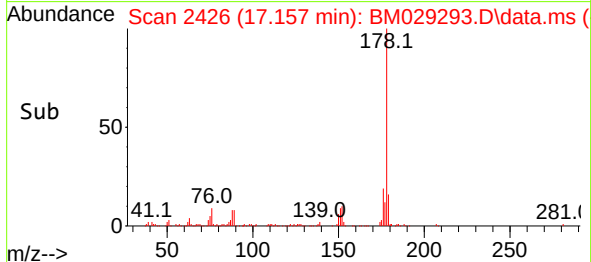
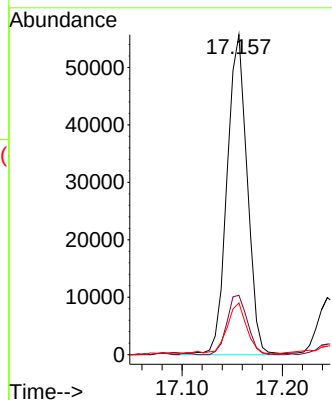
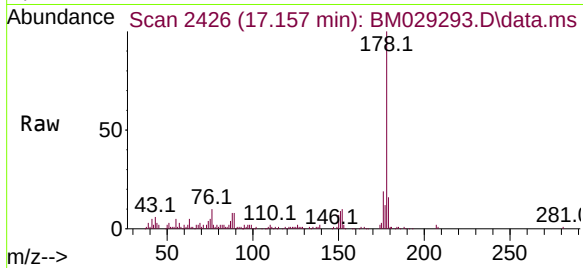




#71
Phenanthrene
Concen: 2.31 ng
RT: 17.157 min Scan# 2426
Delta R.T. -0.000 min
Lab File: BM029293.D
Acq: 31 Mar 2021 14:37

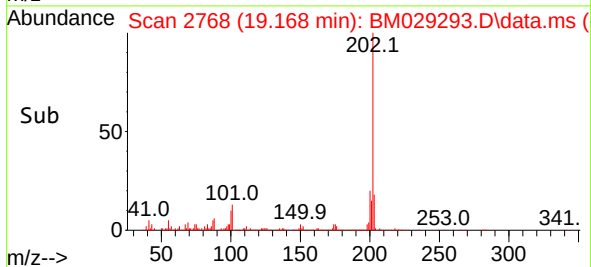
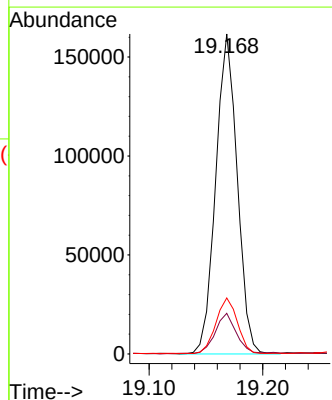
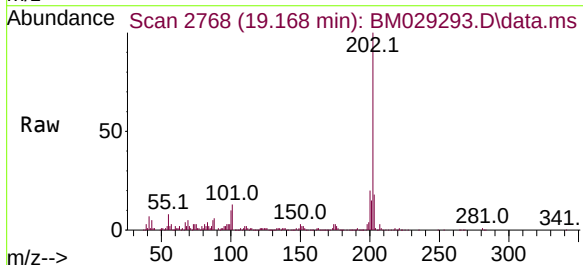
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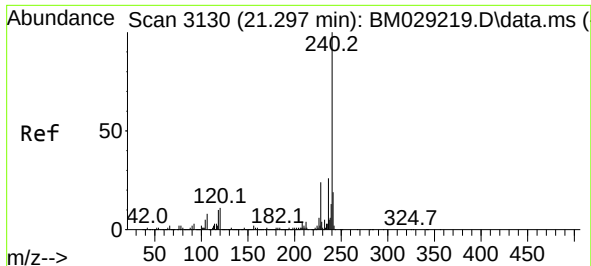
Tgt Ion:178 Resp: 77651
Ion Ratio Lower Upper
178 100
176 18.6 15.7 23.5
179 16.2 11.9 17.9



#75
Fluoranthene
Concen: 5.72 ng
RT: 19.168 min Scan# 2768
Delta R.T. -0.000 min
Lab File: BM029293.D
Acq: 31 Mar 2021 14:37

Tgt Ion:202 Resp: 212726
Ion Ratio Lower Upper
202 100
101 12.7 0.0 31.5
203 17.5 0.0 37.7

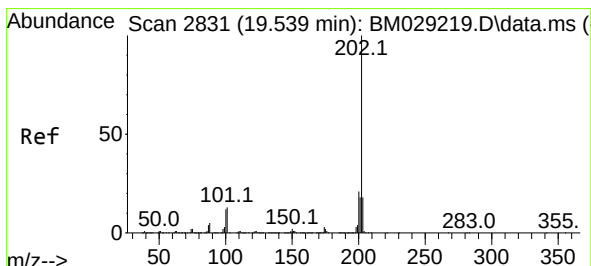
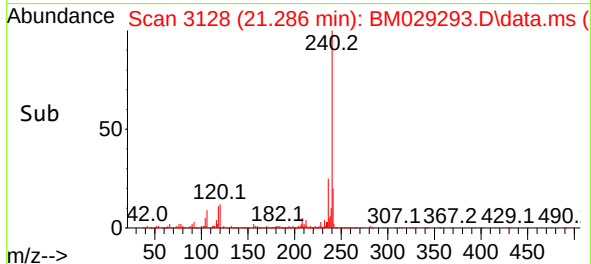
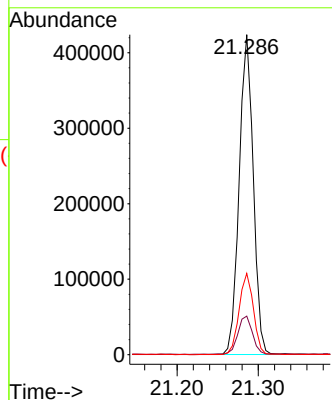
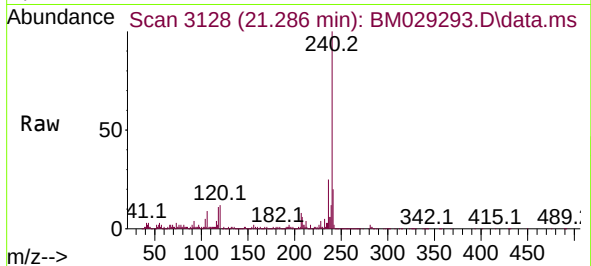




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.286 min Scan# 3128
Delta R.T. -0.000 min
Lab File: BM029293.D
Acq: 31 Mar 2021 14:37

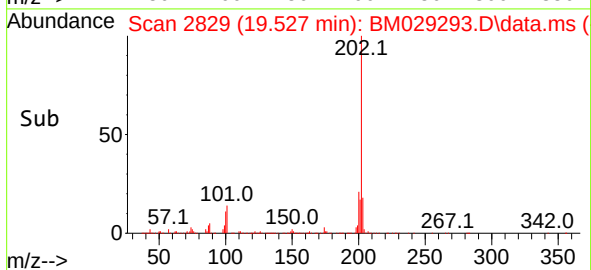
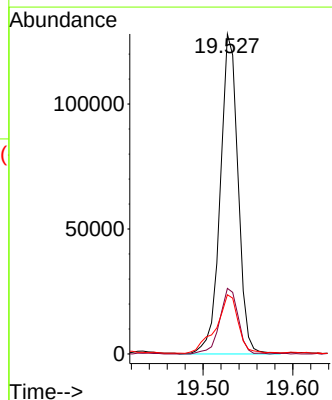
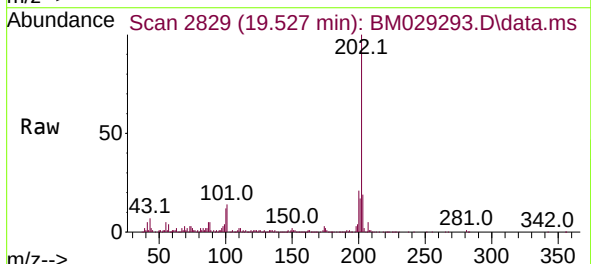
Instrument :
BNA_M
ClientSampleId :
BG-2-(0.0-0.5)

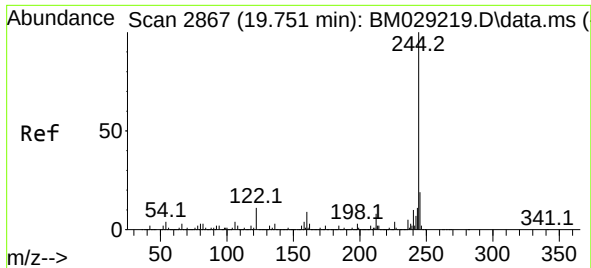
Tgt Ion:240 Resp: 508118
Ion Ratio Lower Upper
240 100
120 12.0 9.0 13.6
236 25.4 20.3 30.5



#78
Pyrene
Concen: 5.12 ng
RT: 19.527 min Scan# 2829
Delta R.T. -0.006 min
Lab File: BM029293.D
Acq: 31 Mar 2021 14:37

Tgt Ion:202 Resp: 176226
Ion Ratio Lower Upper
202 100
200 20.5 17.0 25.6
203 18.5 14.1 21.1

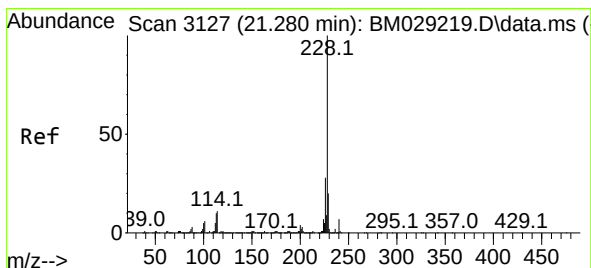
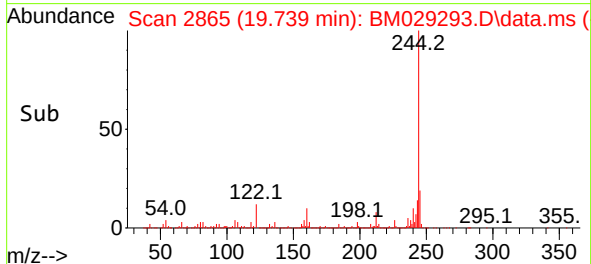
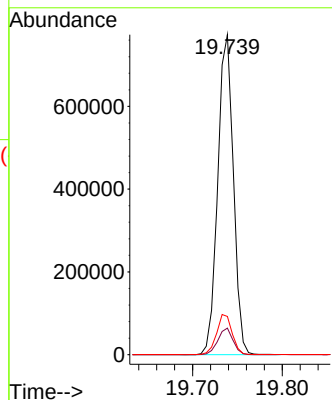
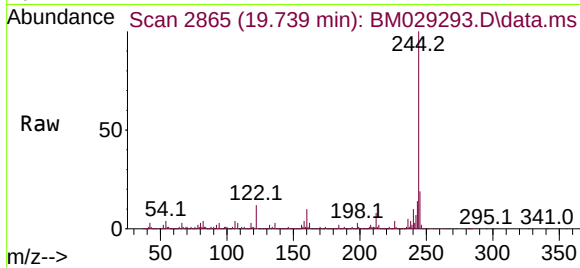




#79
 Terphenyl-d14
 Concen: 36.96 ng
 RT: 19.739 min Scan# 2865
 Delta R.T. -0.000 min
 Lab File: BM029293.D
 Acq: 31 Mar 2021 14:37

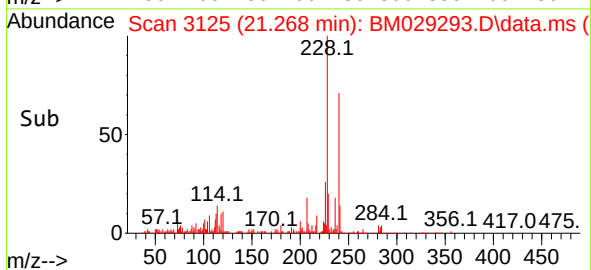
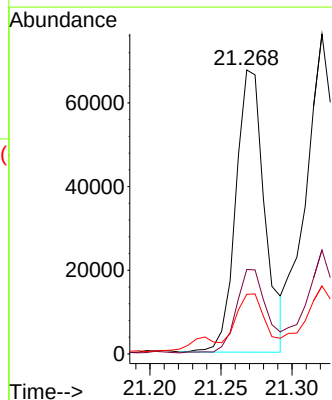
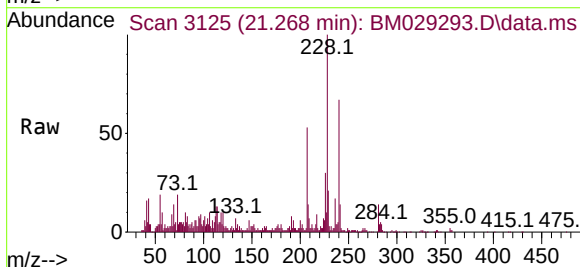
Instrument :
 BNA_M
 ClientSampled :
 BG-2-(0.0-0.5)

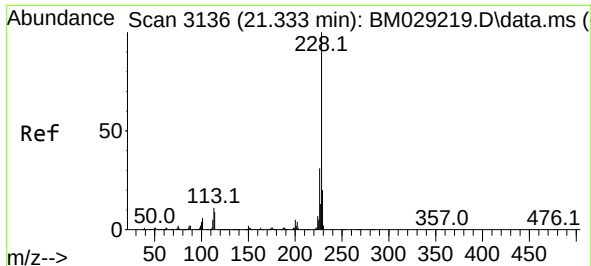
Tgt Ion:244 Resp: 934806
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.5 9.7
 122 11.9 9.2 13.8



#81
 Benzo(a)anthracene
 Concen: 2.89 ng
 RT: 21.268 min Scan# 3125
 Delta R.T. -0.000 min
 Lab File: BM029293.D
 Acq: 31 Mar 2021 14:37

Tgt Ion:228 Resp: 95713
 Ion Ratio Lower Upper
 228 100
 226 29.7 21.9 32.9
 229 21.0 15.7 23.5

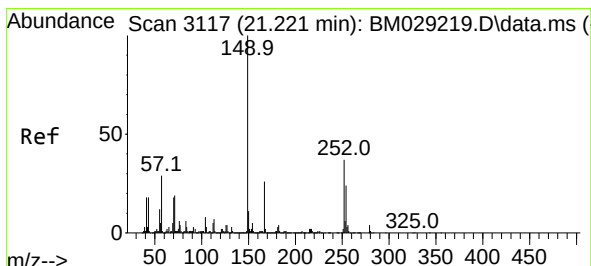
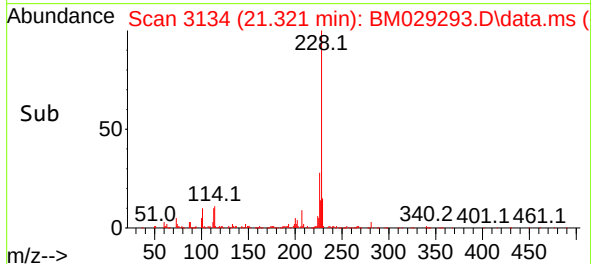
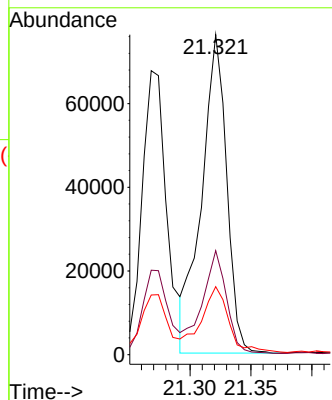
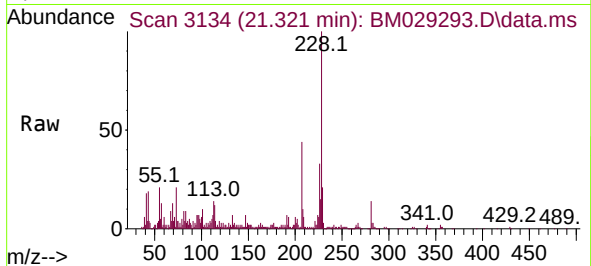




#83
Chrysene
Concen: 3.29 ng
RT: 21.321 min Scan# 3134
Delta R.T. -0.000 min
Lab File: BM029293.D
Acq: 31 Mar 2021 14:37

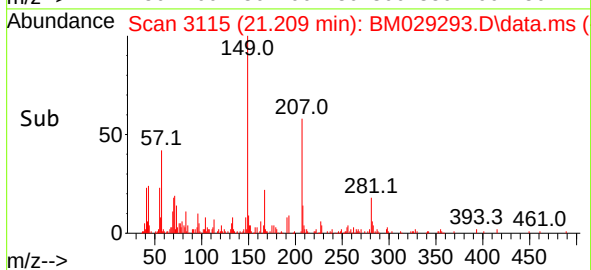
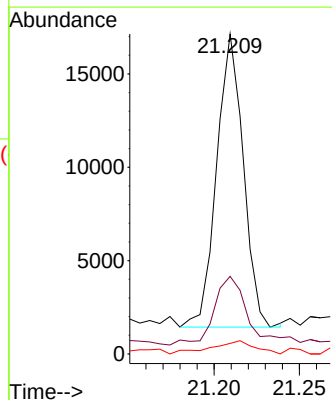
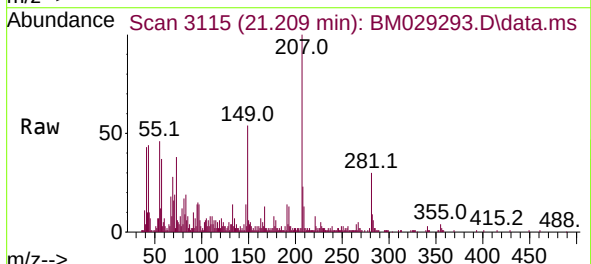
Instrument :
BNA_M
ClientSampled :
BG-2-(0.0-0.5)

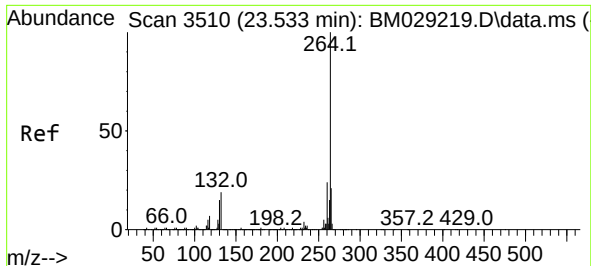
Tgt Ion:228 Resp: 109110
Ion Ratio Lower Upper
228 100
226 32.5 24.7 37.1
229 21.2 15.8 23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 4.40 ng
RT: 21.209 min Scan# 3115
Delta R.T. -0.000 min
Lab File: BM029293.D
Acq: 31 Mar 2021 14:37

Tgt Ion:149 Resp: 17104
Ion Ratio Lower Upper
149 100
167 24.2 20.6 31.0
279 3.3 3.3 4.9

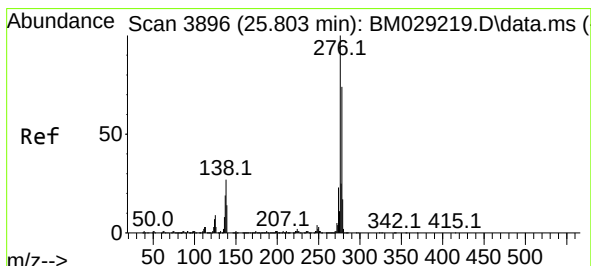
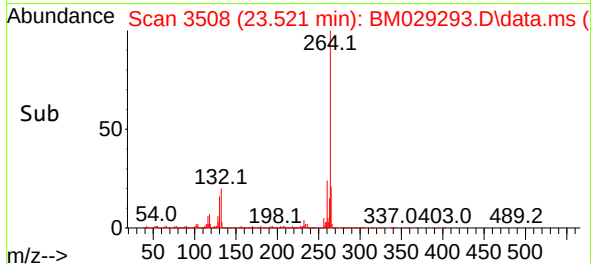
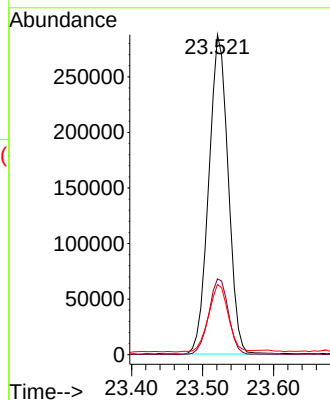
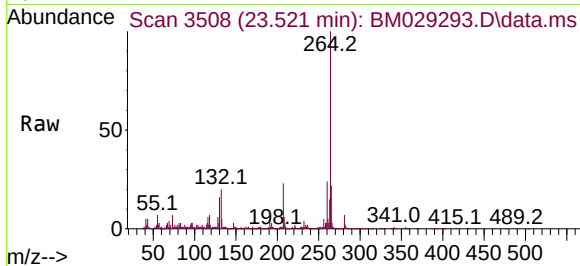




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.521 min Scan# 3508
Delta R.T. -0.000 min
Lab File: BM029293.D
Acq: 31 Mar 2021 14:37

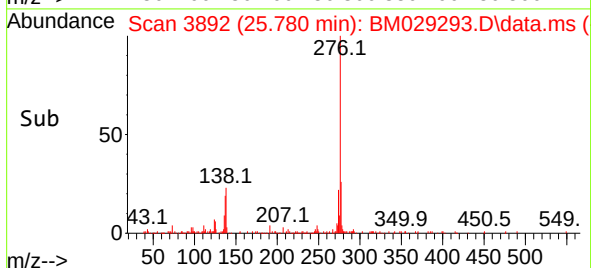
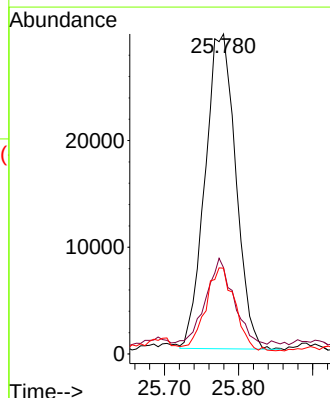
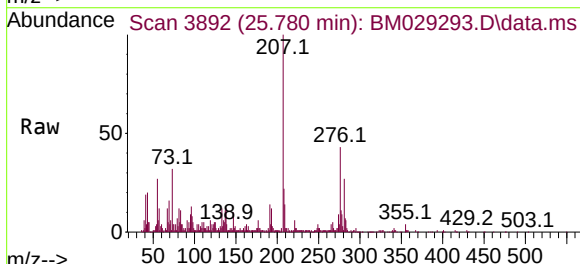
Instrument :
BNA_M
ClientSampleId :
BG-2-(0.0-0.5)

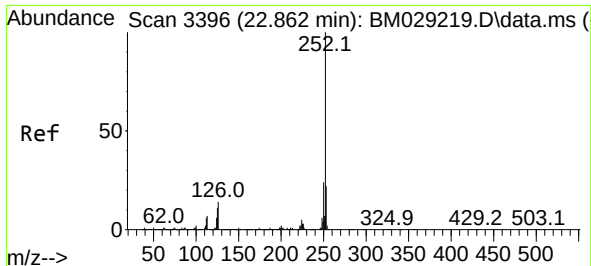
Tgt Ion:	264	Resp:	544637
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.6	29.4
265	21.9	17.8	26.8



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.13 ng
RT: 25.780 min Scan# 3892
Delta R.T. -0.000 min
Lab File: BM029293.D
Acq: 31 Mar 2021 14:37

Tgt Ion:	276	Resp:	84803
Ion Ratio	Lower	Upper	
276	100		
138	25.1	22.6	34.0
277	24.7	20.2	30.4

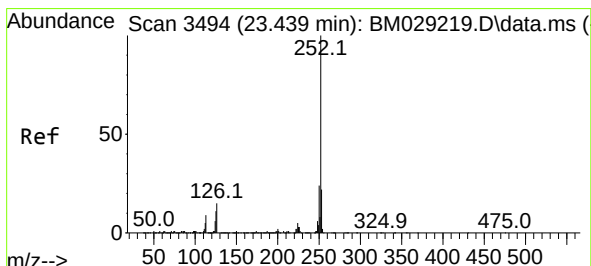
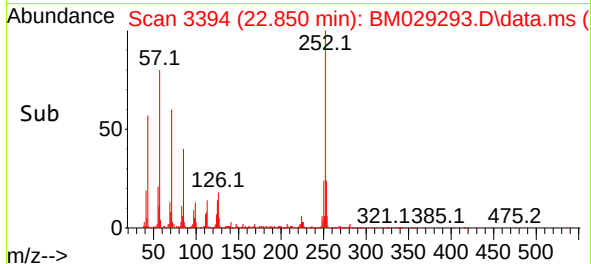
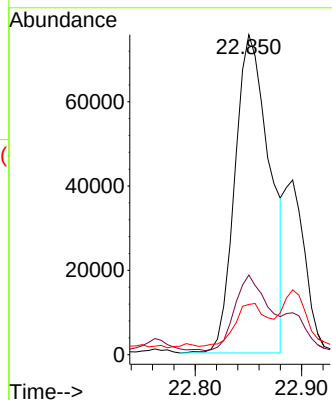
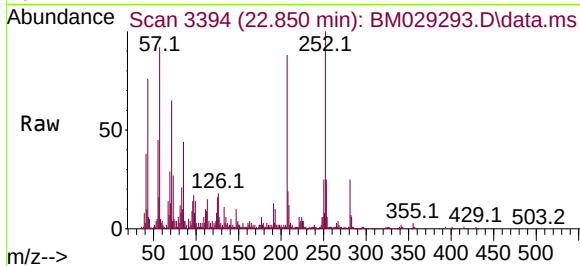




#88
Benzo(b)fluoranthene
Concen: 4.84 ng
RT: 22.850 min Scan# 3394
Delta R.T. 0.006 min
Lab File: BM029293.D
Acq: 31 Mar 2021 14:37

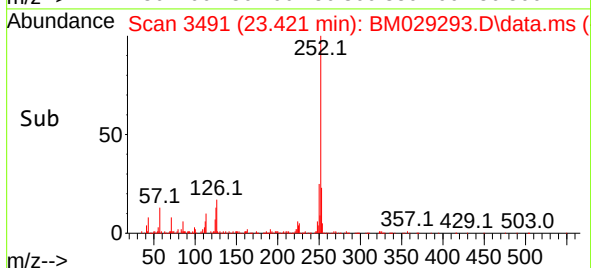
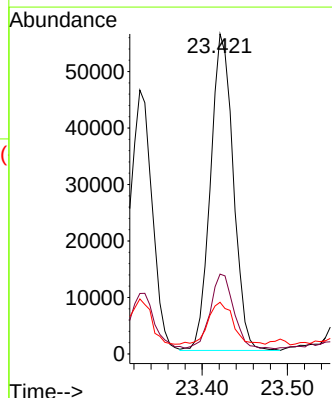
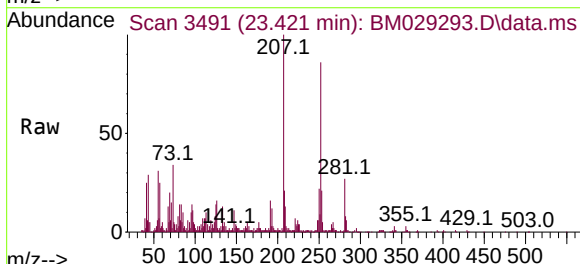
Instrument :
BNA_M
ClientSampleId :
BG-2-(0.0-0.5)

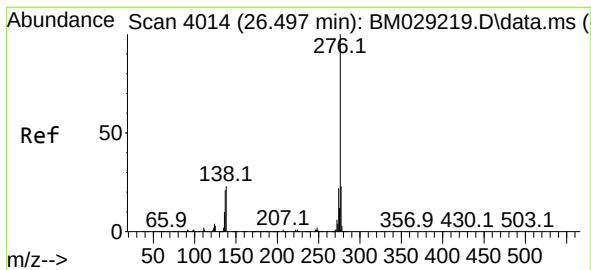
Tgt Ion:252 Resp: 171394
Ion Ratio Lower Upper
252 100
253 24.9 17.6 26.4
125 15.7 9.0 13.4#



#90
Benzo(a)pyrene
Concen: 3.25 ng
RT: 23.421 min Scan# 3491
Delta R.T. -0.000 min
Lab File: BM029293.D
Acq: 31 Mar 2021 14:37

Tgt Ion:252 Resp: 104364
Ion Ratio Lower Upper
252 100
253 25.0 17.0 25.4
125 16.1 9.5 14.3#





#92
 Benzo(g,h,i)perylene
 Concen: 2.56 ng
 RT: 26.468 min Scan# 4009
 Delta R.T. -0.006 min
 Lab File: BM029293.D
 Acq: 31 Mar 2021 14:37

Instrument :
 BNA_M
 ClientSampleId :
 BG-2-(0.0-0.5)

Tgt Ion:	276	Resp:	85532
Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.7	28.1
138	27.6	19.0	28.4

