

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041621\
 Data File : BM029523.D
 Acq On : 16 Apr 2021 15:54
 Operator : CG/JU
 Sample : M1998-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-3B

Quant Time: Apr 16 23:19:09 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 16 11:56:50 2021
 Response via : Initial Calibration

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

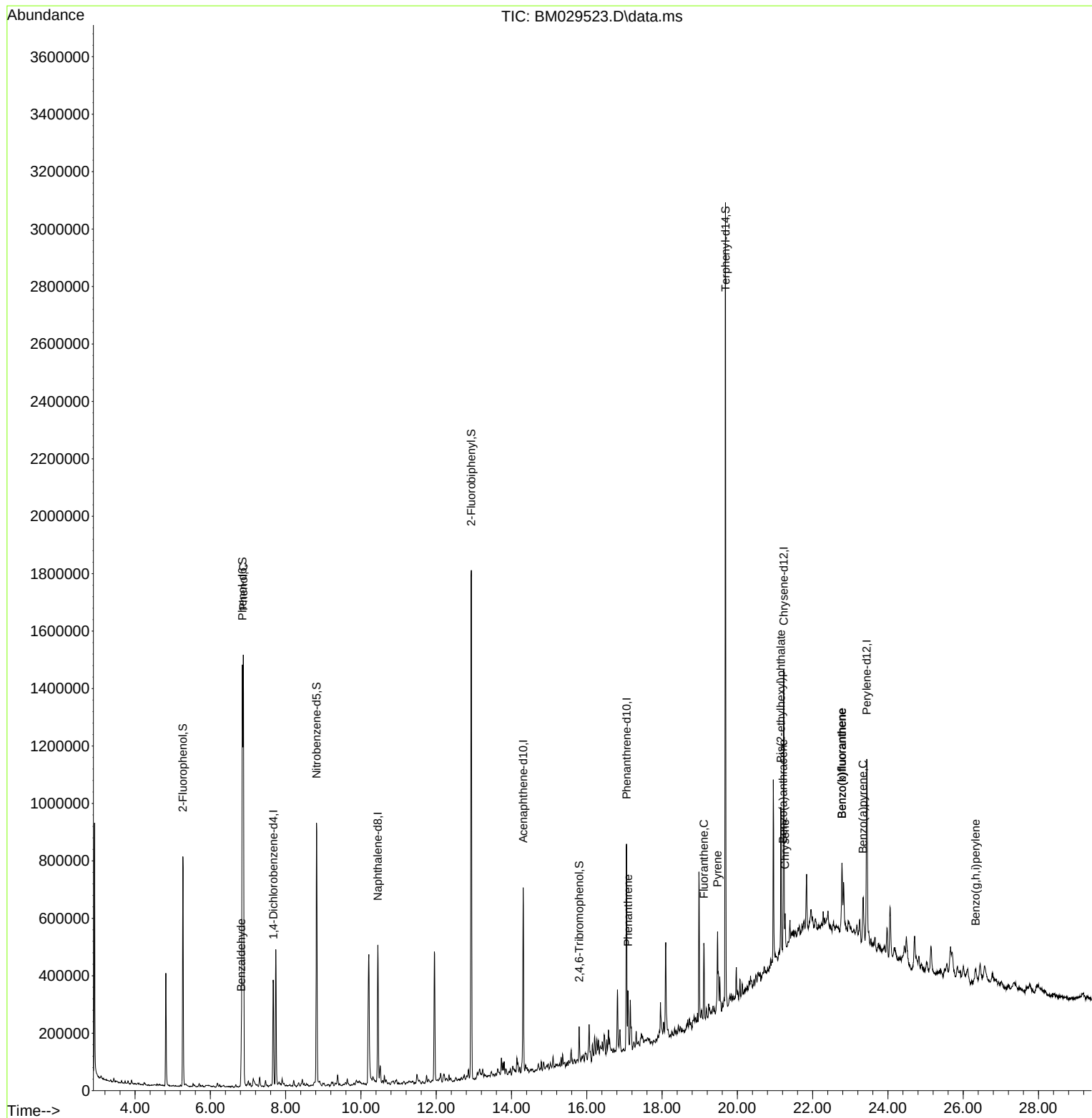
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	83987	20.00	ng	0.00
21) Naphthalene-d8	10.451	136	326409	20.00	ng	0.00
39) Acenaphthene-d10	14.310	164	182071	20.00	ng	0.00
64) Phenanthrene-d10	17.057	188	366745	20.00	ng	0.00
76) Chrysene-d12	21.233	240	357028	20.00	ng	0.00
86) Perylene-d12	23.439	264	380388	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.269	112	281899	55.42	ng	0.00
7) Phenol-d6	6.851	99	675169	94.02	ng	0.00
23) Nitrobenzene-d5	8.822	82	502262	70.55	ng	0.00
42) 2,4,6-Tribromophenol	15.798	330	12976	7.13	ng	0.00
45) 2-Fluorobiphenyl	12.933	172	800913	61.28	ng	0.00
79) Terphenyl-d14	19.686	244	1009121	53.68	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.822	77	42782	9.47	ng	90
10) Phenol	6.875	94	618316	87.54	ng	98
71) Phenanthrene	17.098	178	110606	5.21	ng	98
75) Fluoranthene	19.109	202	139654	5.91	ng	99
78) Pyrene	19.474	202	146007	5.89	ng	100
81) Benzo(a)anthracene	21.215	228	61347	2.57	ng	# 91
83) Chrysene	21.268	228	59654	2.56	ng	# 95
84) Bis(2-ethylhexyl)phtha...	21.156	149	159890	9.30	ng	# 97
88) Benzo(b)fluoranthene	22.780	252	113718	4.55	ng	# 90
89) Benzo(k)fluoranthene	22.780	252	113718	4.76	ng	# 90
90) Benzo(a)pyrene	23.339	252	64892	2.84	ng	# 88
92) Benzo(g,h,i)perylene	26.332	276	47698	2.06	ng	97

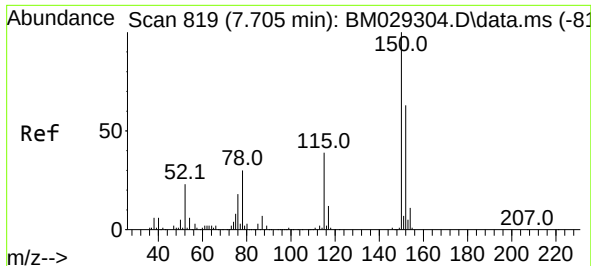
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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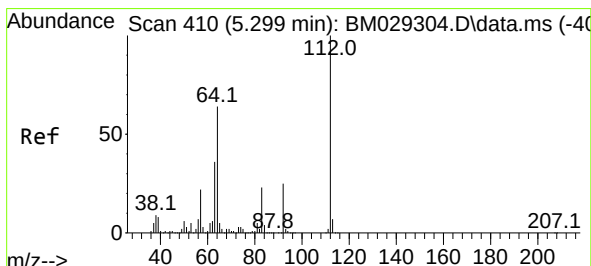
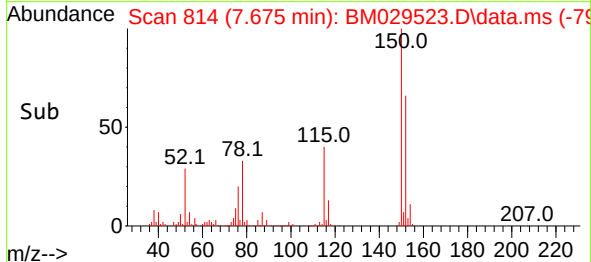
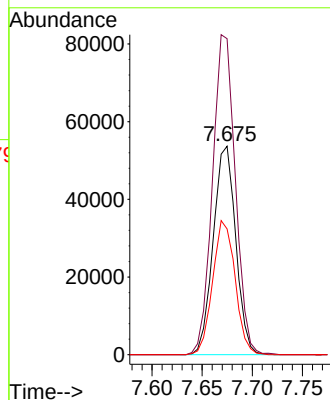
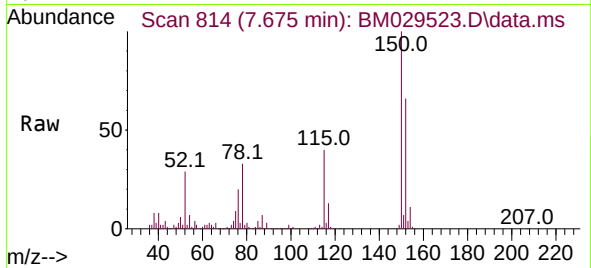




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.675 min Scan# 814
Delta R.T. -0.000 min
Lab File: BM029523.D
Acq: 16 Apr 2021 15:54

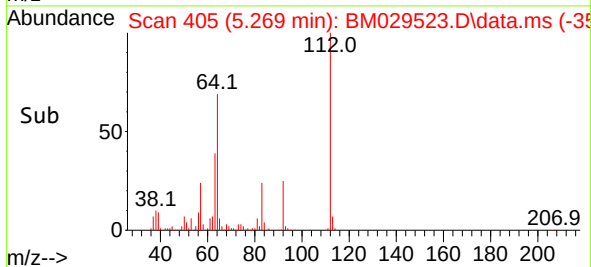
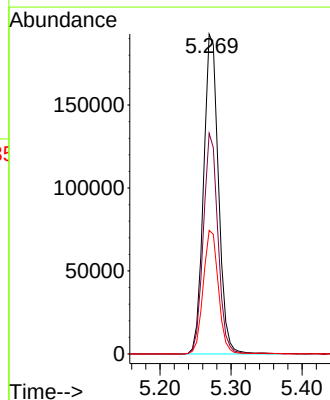
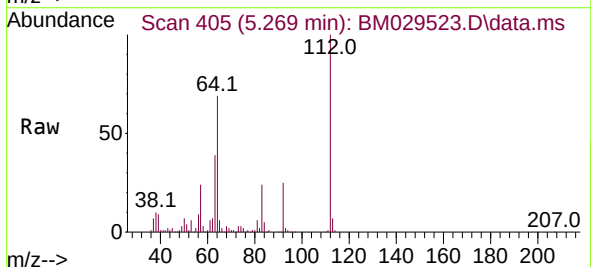
Instrument :
BNA_M
ClientSampleId :
SB-3B

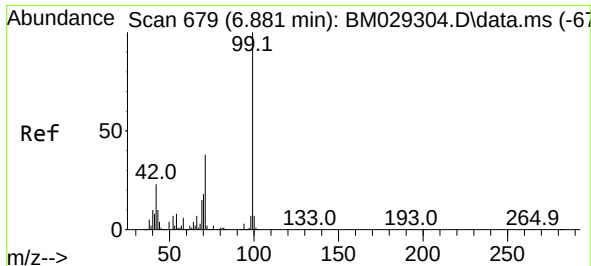
Tgt Ion:152 Resp: 83987
Ion Ratio Lower Upper
152 100
150 151.5 124.3 186.5
115 60.3 46.4 69.6



#5
2-Fluorophenol
Concen: 55.42 ng
RT: 5.269 min Scan# 405
Delta R.T. -0.000 min
Lab File: BM029523.D
Acq: 16 Apr 2021 15:54

Tgt Ion:112 Resp: 281899
Ion Ratio Lower Upper
112 100
64 68.9 51.6 77.4
63 38.6 29.0 43.4

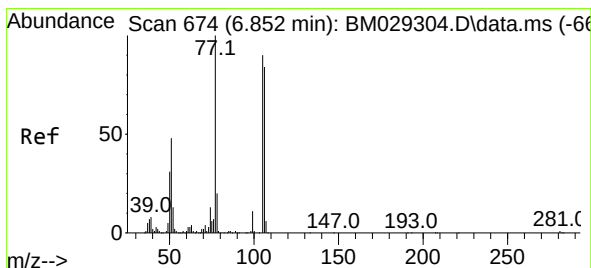
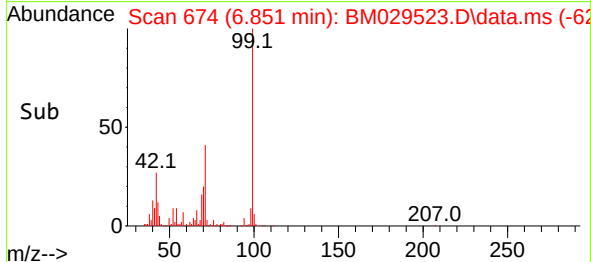
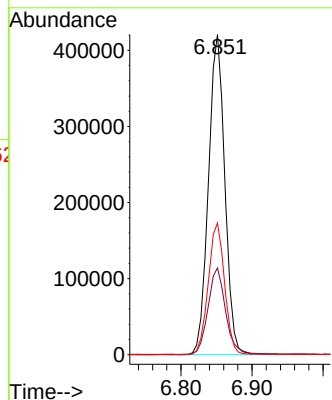
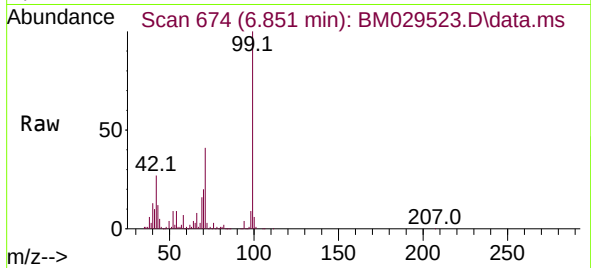




#7
Phenol-d6
Concen: 94.02 ng
RT: 6.851 min Scan# 674
Delta R.T. -0.000 min
Lab File: BM029523.D
Acq: 16 Apr 2021 15:54

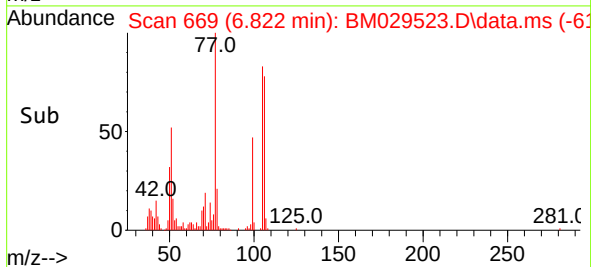
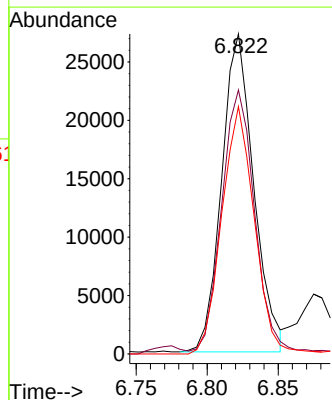
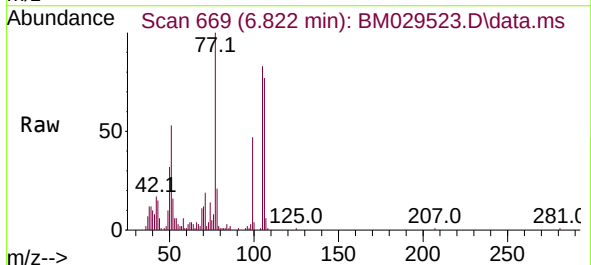
Instrument :
BNA_M
ClientSampleId :
SB-3B

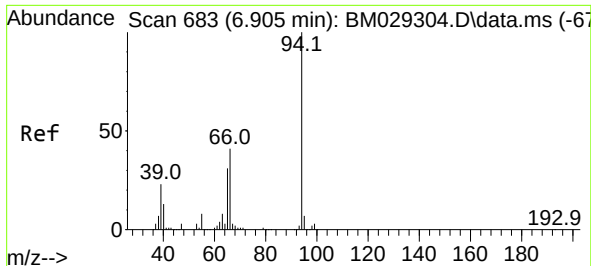
Tgt Ion:	99	Resp:	675169
Ion	Ratio	Lower	Upper
99	100		
42	27.1	18.5	27.7
71	41.2	31.8	47.6



#9
Benzaldehyde
Concen: 9.47 ng
RT: 6.822 min Scan# 669
Delta R.T. -0.000 min
Lab File: BM029523.D
Acq: 16 Apr 2021 15:54

Tgt Ion:	77	Resp:	42782
Ion	Ratio	Lower	Upper
77	100		
105	82.5	71.4	111.4
106	77.3	66.5	106.5

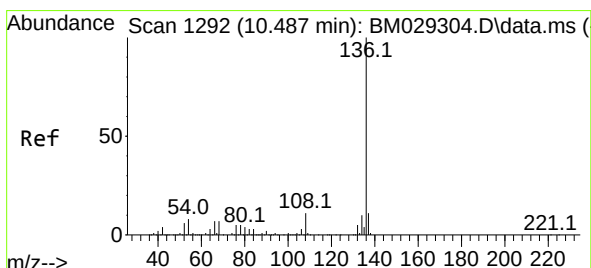
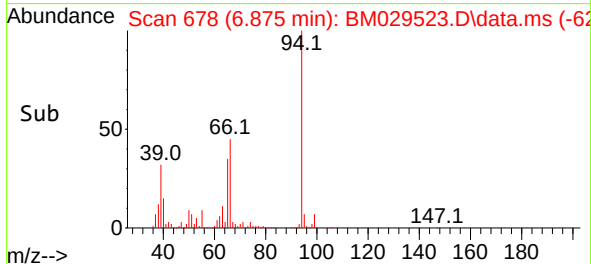
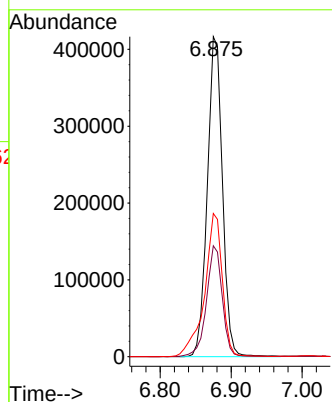
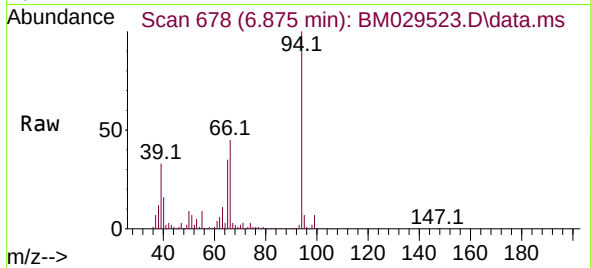




#10
Phenol
Concen: 87.54 ng
RT: 6.875 min Scan# 678
Delta R.T. -0.000 min
Lab File: BM029523.D
Acq: 16 Apr 2021 15:54

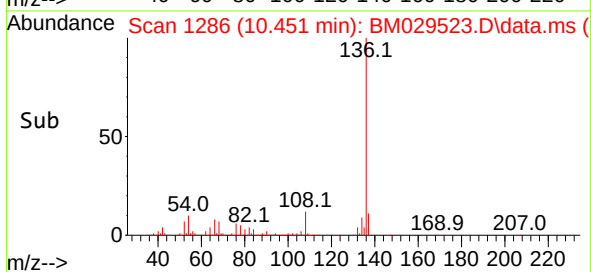
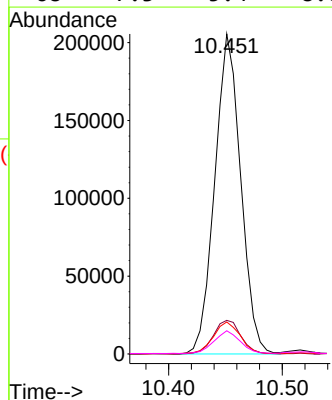
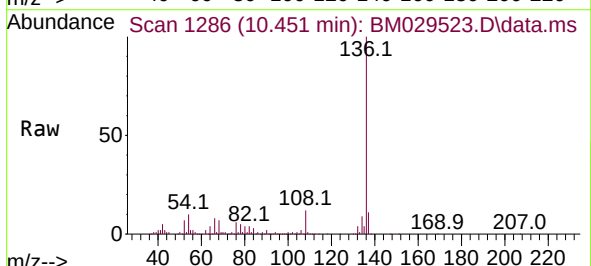
Instrument :
BNA_M
ClientSampleId :
SB-3B

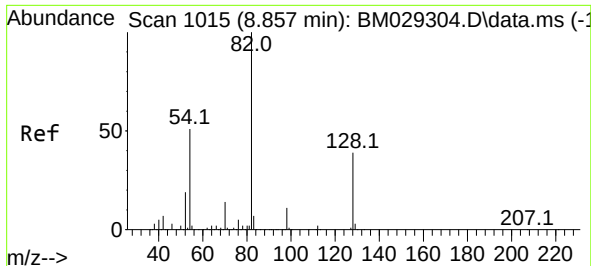
Tgt Ion: 94 Resp: 618316
Ion Ratio Lower Upper
94 100
65 34.7 13.0 53.0
66 44.7 24.1 64.1



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.451 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BM029523.D
Acq: 16 Apr 2021 15:54

Tgt Ion: 136 Resp: 326409
Ion Ratio Lower Upper
136 100
137 10.5 9.3 13.9
54 10.0 6.9 10.3
68 7.3 5.4 8.0

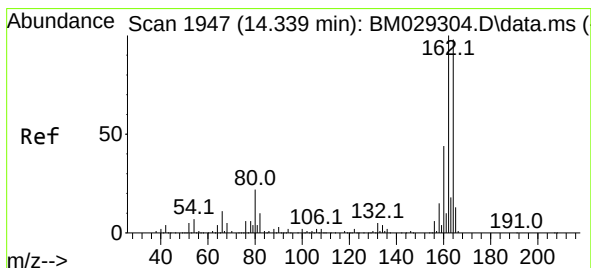
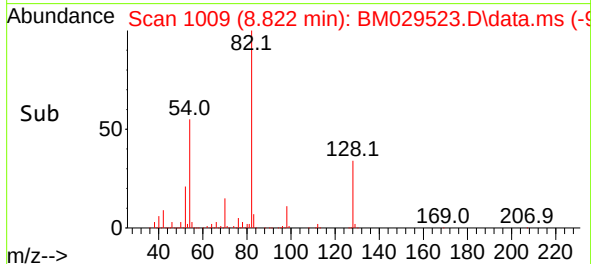
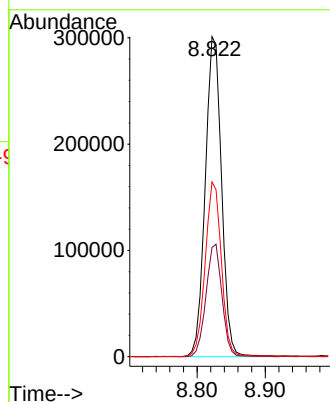
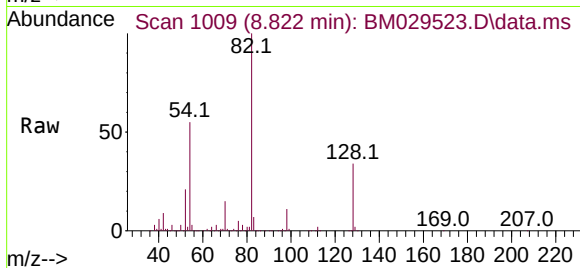




#23
Nitrobenzene-d5
Concen: 70.55 ng
RT: 8.822 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BM029523.D
Acq: 16 Apr 2021 15:54

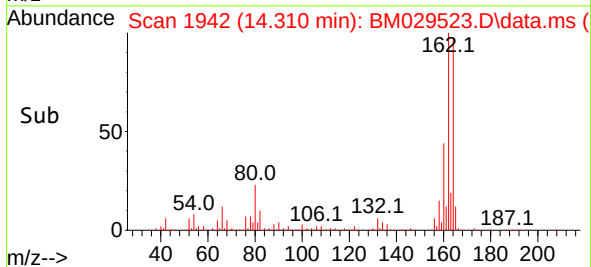
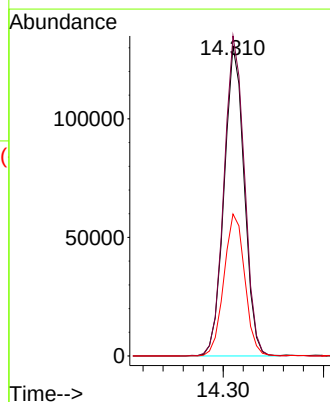
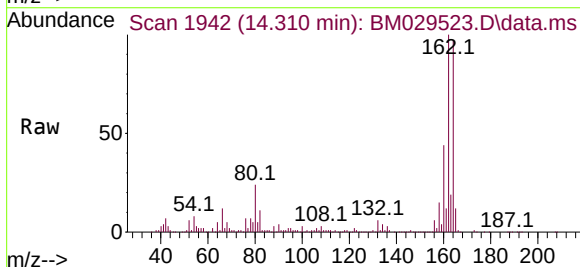
Instrument :
BNA_M
ClientSampleId :
SB-3B

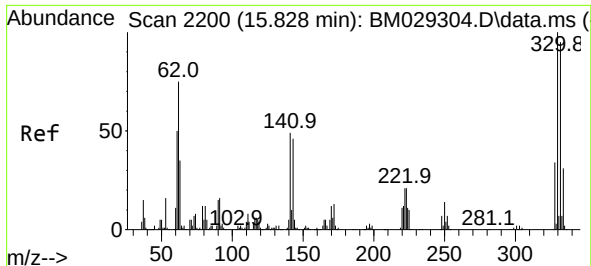
Tgt Ion: 82 Resp: 502262
Ion Ratio Lower Upper
82 100
128 34.2 28.6 42.8
54 54.6 40.7 61.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.310 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BM029523.D
Acq: 16 Apr 2021 15:54

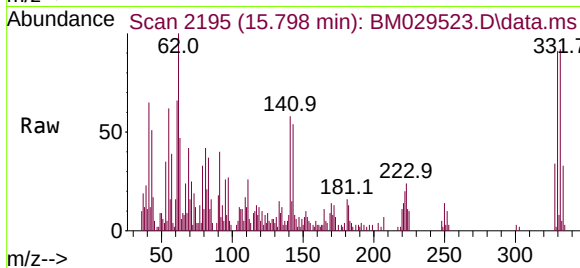
Tgt Ion:164 Resp: 182071
Ion Ratio Lower Upper
164 100
162 103.2 84.4 126.6
160 45.7 36.6 54.8



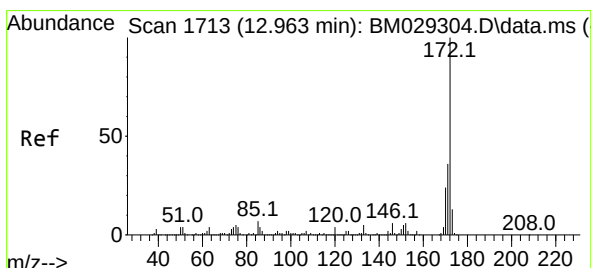
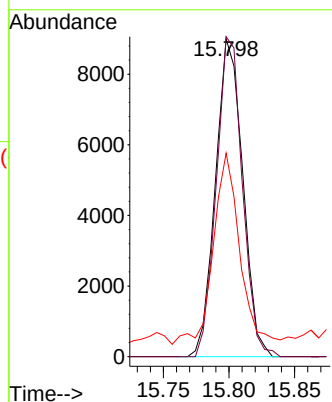
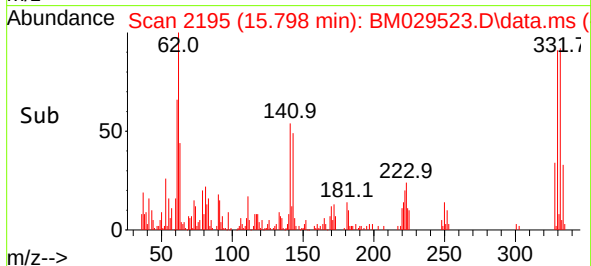


#42
2,4,6-Tribromophenol
Concen: 7.13 ng
RT: 15.798 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BM029523.D
Acq: 16 Apr 2021 15:54

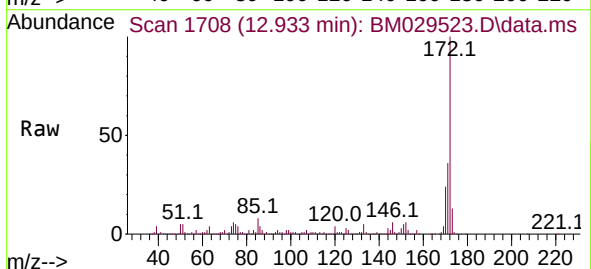
Instrument :
BNA_M
ClientSampled :
SB-3B



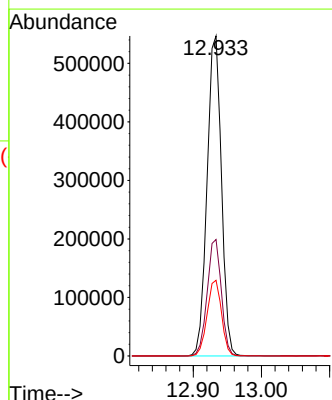
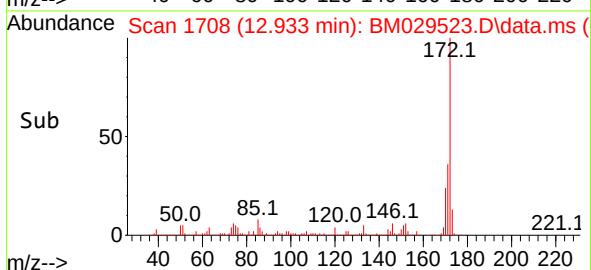
Tgt Ion:330 Resp: 12976
Ion Ratio Lower Upper
330 100
332 96.4 77.1 115.7
141 58.1 39.2 58.8

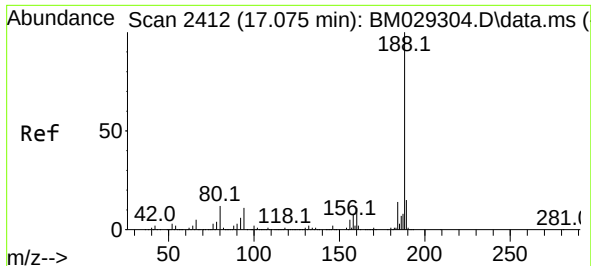


#45
2-Fluorobiphenyl
Concen: 61.28 ng
RT: 12.933 min Scan# 1708
Delta R.T. -0.000 min
Lab File: BM029523.D
Acq: 16 Apr 2021 15:54



Tgt Ion:172 Resp: 800913
Ion Ratio Lower Upper
172 100
171 36.4 28.7 43.1
170 23.6 18.8 28.2

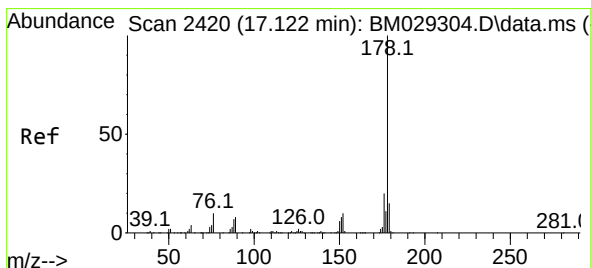
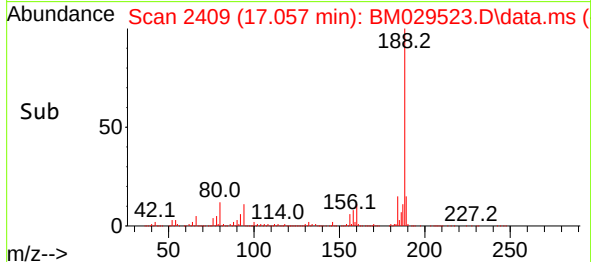
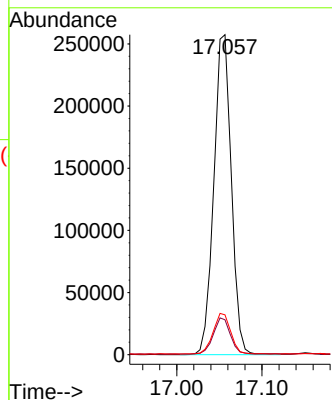
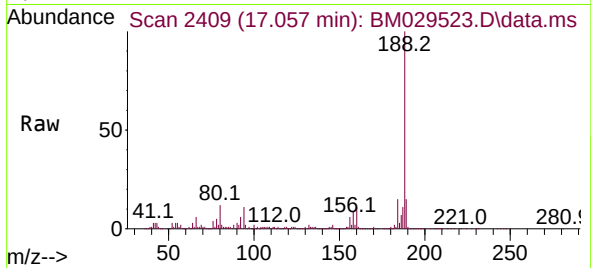




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.057 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BM029523.D
Acq: 16 Apr 2021 15:54

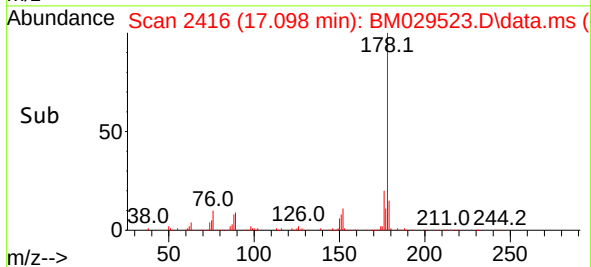
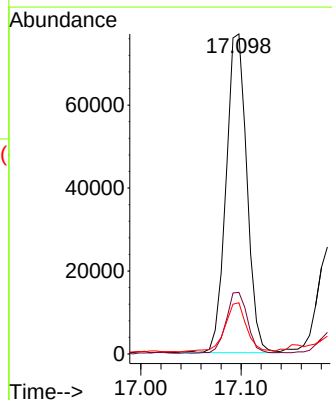
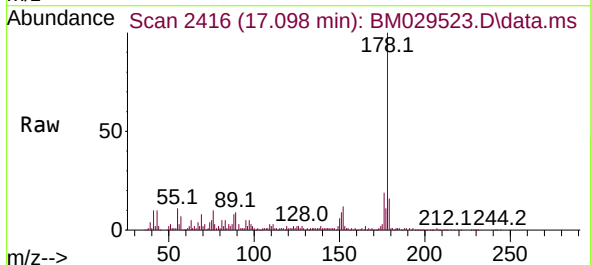
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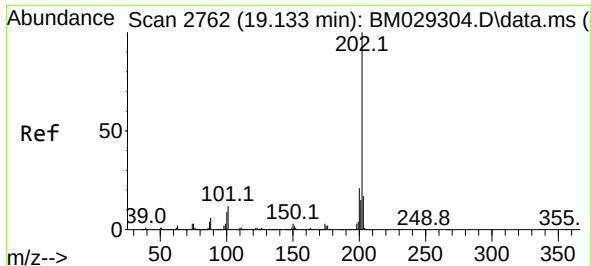
Tgt Ion:188 Resp: 366745
Ion Ratio Lower Upper
188 100
94 10.9 8.1 12.1
80 12.4 9.2 13.8



#71
Phenanthrene
Concen: 5.21 ng
RT: 17.098 min Scan# 2416
Delta R.T. -0.000 min
Lab File: BM029523.D
Acq: 16 Apr 2021 15:54

Tgt Ion:178 Resp: 110606
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 16.0 11.9 17.9

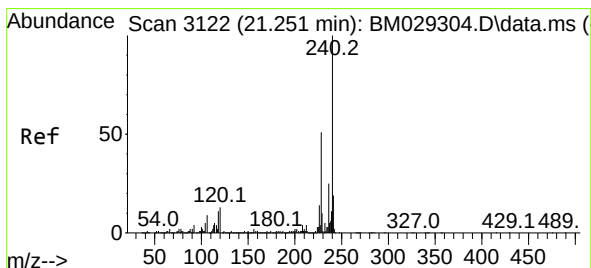
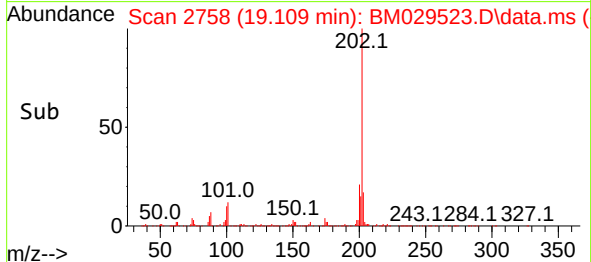
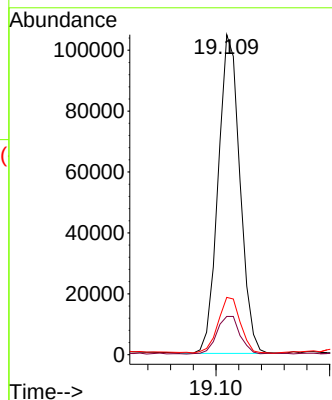
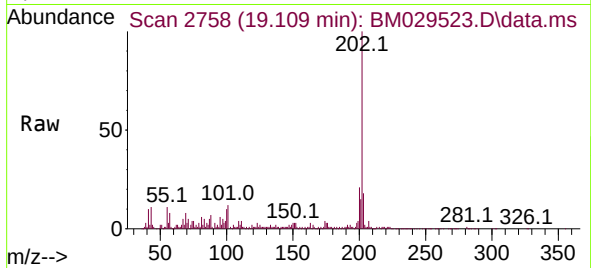




#75
Fluoranthene
Concen: 5.91 ng
RT: 19.109 min Scan# 2758
Delta R.T. -0.006 min
Lab File: BM029523.D
Acq: 16 Apr 2021 15:54

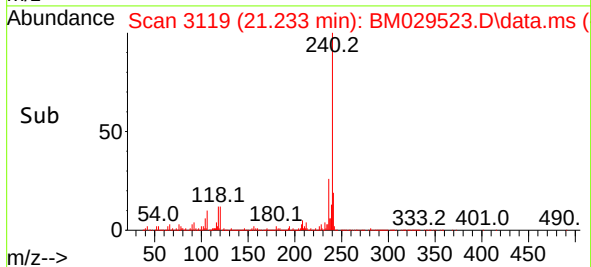
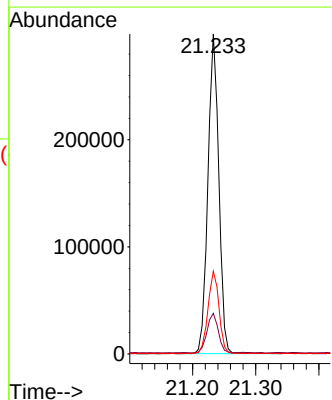
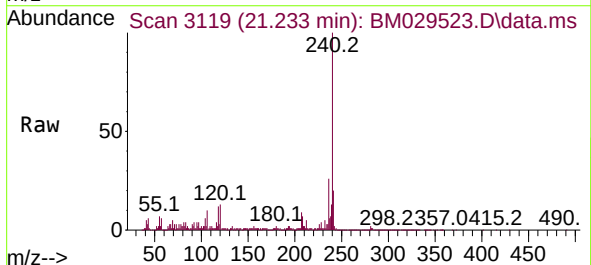
Instrument :
BNA_M
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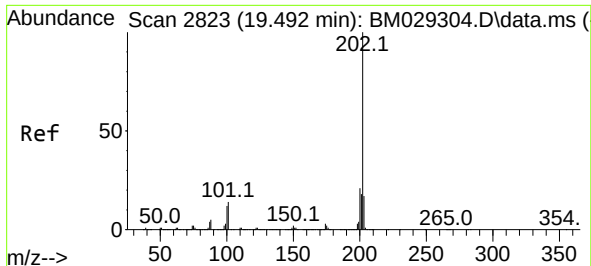
Tgt Ion:202 Resp: 139654
Ion Ratio Lower Upper
202 100
101 12.0 0.0 31.5
203 17.9 0.0 37.7



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.233 min Scan# 3119
Delta R.T. -0.000 min
Lab File: BM029523.D
Acq: 16 Apr 2021 15:54

Tgt Ion:240 Resp: 357028
Ion Ratio Lower Upper
240 100
120 12.7 9.0 13.6
236 25.8 20.3 30.5

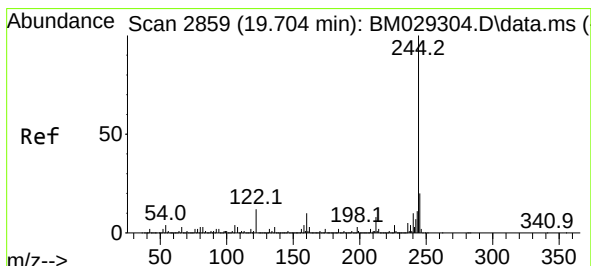
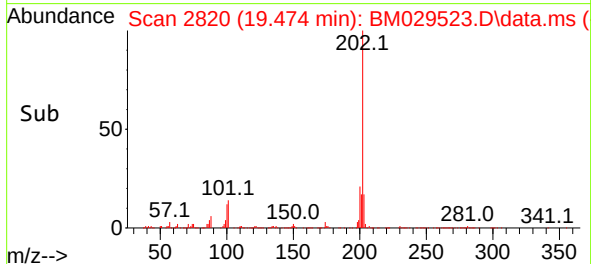
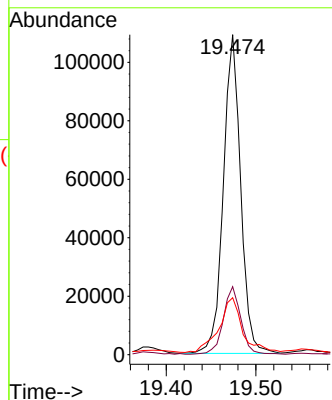
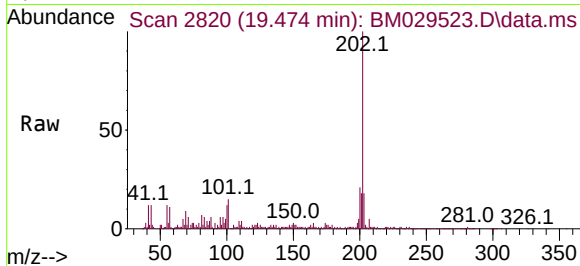




#78
 Pyrene
 Concen: 5.89 ng
 RT: 19.474 min Scan# 2820
 Delta R.T. -0.000 min
 Lab File: BM029523.D
 Acq: 16 Apr 2021 15:54

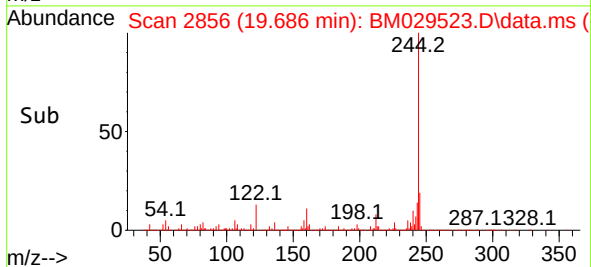
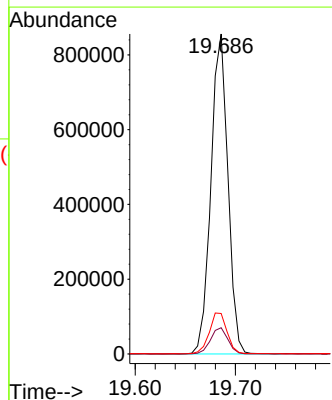
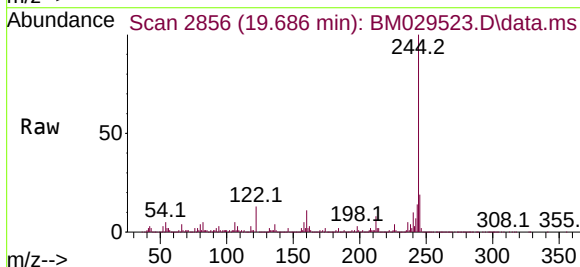
Instrument :
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 ClientSampleId :
 SB-3B

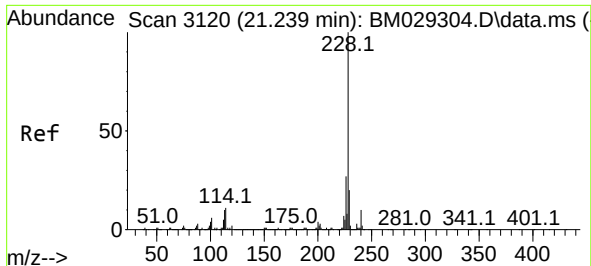
Tgt Ion:202 Resp: 146007
 Ion Ratio Lower Upper
 202 100
 200 21.2 17.0 25.6
 203 17.8 14.1 21.1



#79
 Terphenyl-d14
 Concen: 53.68 ng
 RT: 19.686 min Scan# 2856
 Delta R.T. -0.000 min
 Lab File: BM029523.D
 Acq: 16 Apr 2021 15:54

Tgt Ion:244 Resp: 1009121
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.5 9.7
 122 12.6 9.2 13.8

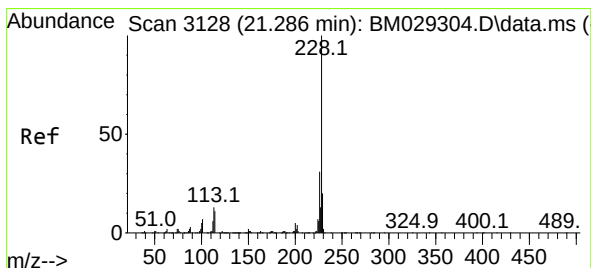
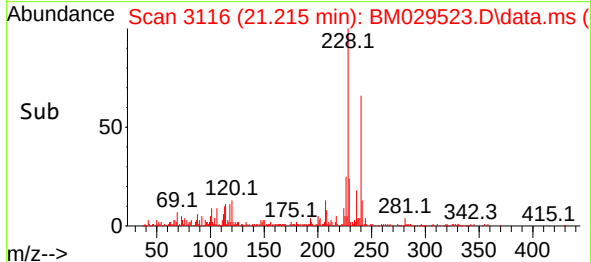
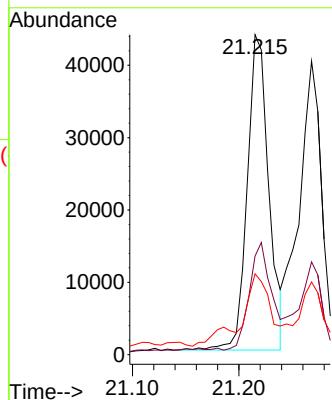
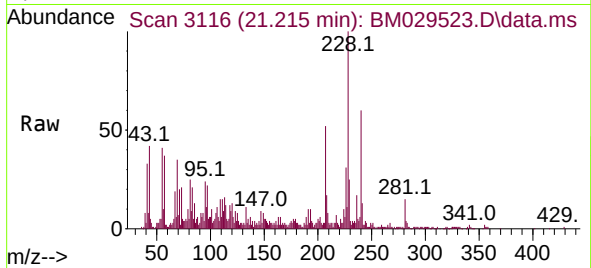




#81
Benzo(a)anthracene
Concen: 2.57 ng
RT: 21.215 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BM029523.D
Acq: 16 Apr 2021 15:54

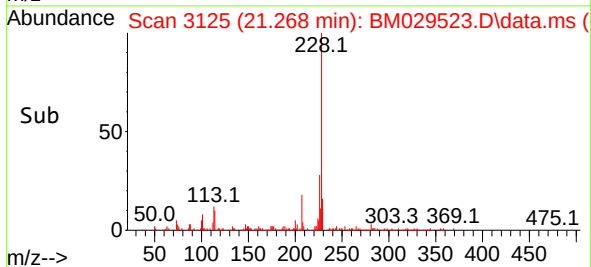
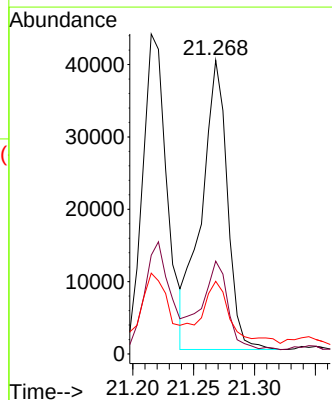
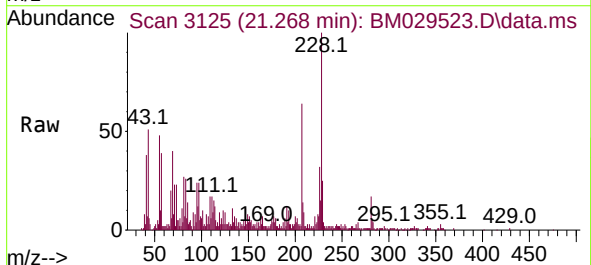
Instrument :
BNA_M
ClientSampleId :
SB-3B

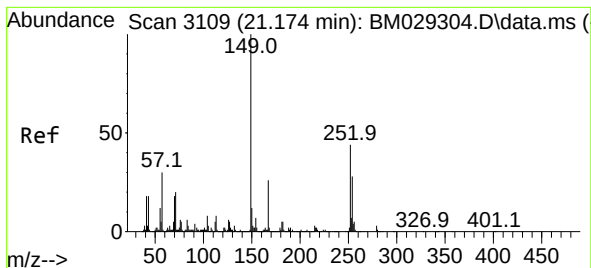
Tgt Ion:228 Resp: 61347
Ion Ratio Lower Upper
228 100
226 30.9 21.9 32.9
229 25.2 15.7 23.5#



#83
Chrysene
Concen: 2.56 ng
RT: 21.268 min Scan# 3125
Delta R.T. -0.006 min
Lab File: BM029523.D
Acq: 16 Apr 2021 15:54

Tgt Ion:228 Resp: 59654
Ion Ratio Lower Upper
228 100
226 31.6 24.7 37.1
229 24.8 15.8 23.6#

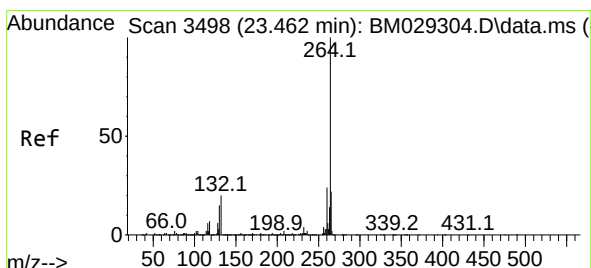
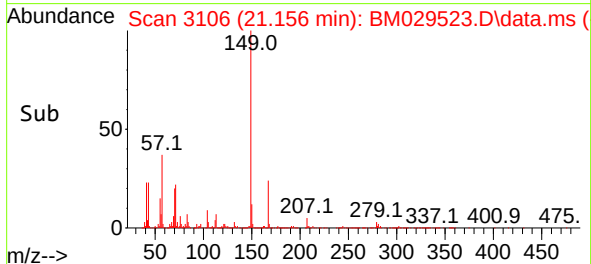
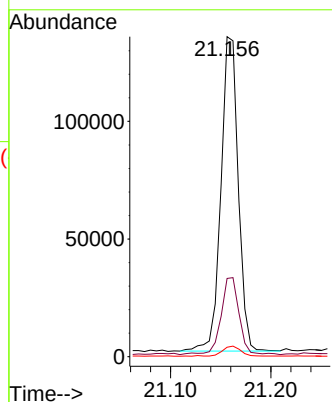
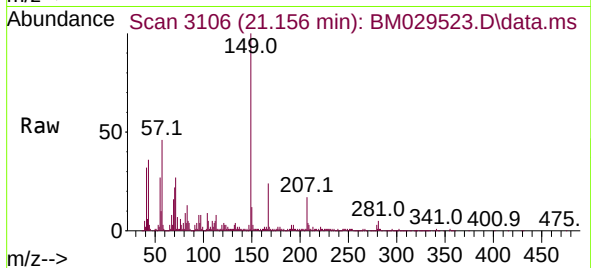




#84
Bis(2-ethylhexyl)phthalate
Concen: 9.30 ng
RT: 21.156 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BM029523.D
Acq: 16 Apr 2021 15:54

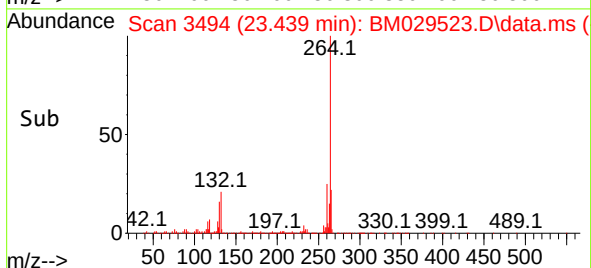
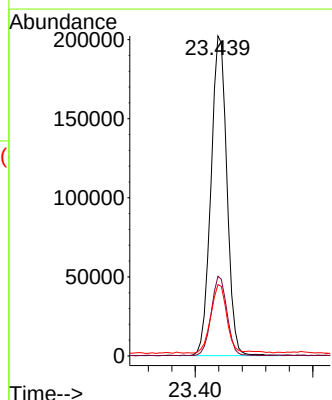
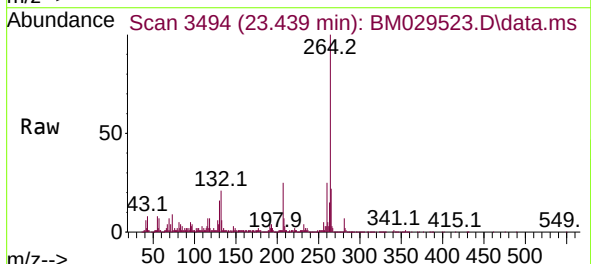
Instrument :
BNA_M
ClientSampleId :
SB-3B

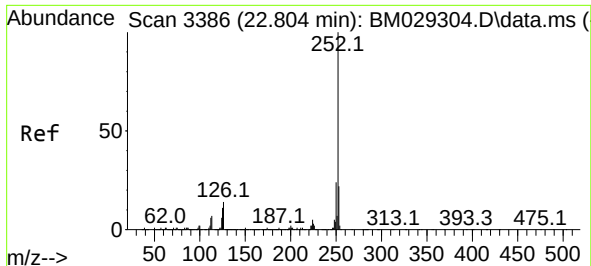
Tgt Ion:149 Resp: 159890
Ion Ratio Lower Upper
149 100
167 24.5 20.6 31.0
279 3.0 3.3 4.9#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.439 min Scan# 3494
Delta R.T. -0.000 min
Lab File: BM029523.D
Acq: 16 Apr 2021 15:54

Tgt Ion:264 Resp: 380388
Ion Ratio Lower Upper
264 100
260 24.9 19.6 29.4
265 22.3 17.8 26.8

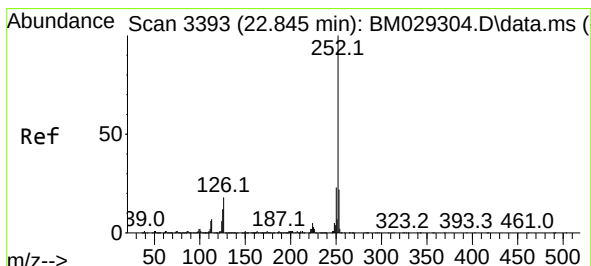
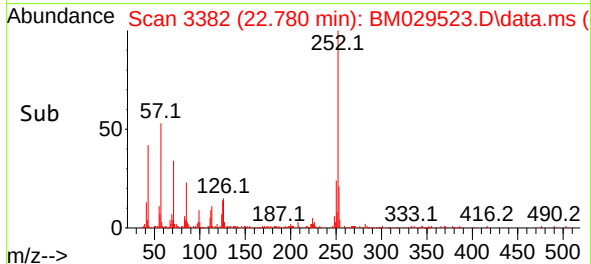
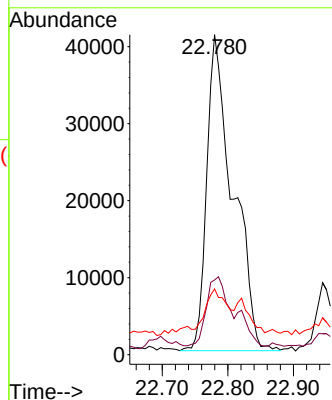
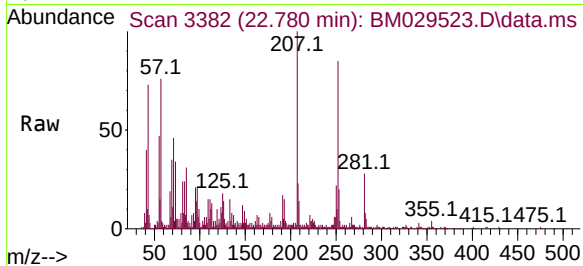




#88
Benzo(b)fluoranthene
Concen: 4.55 ng
RT: 22.780 min Scan# 3382
Delta R.T. -0.000 min
Lab File: BM029523.D
Acq: 16 Apr 2021 15:54

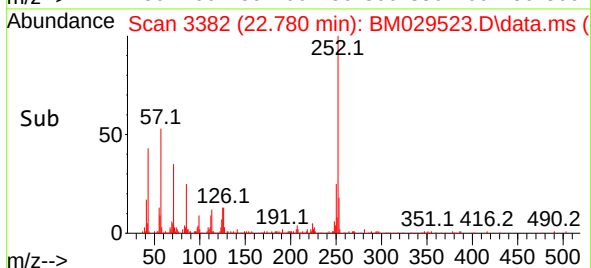
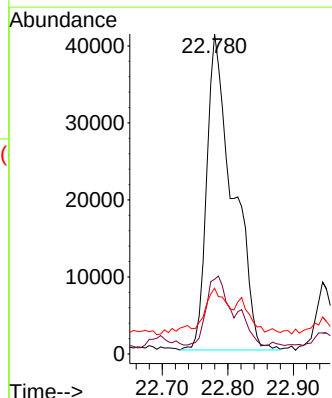
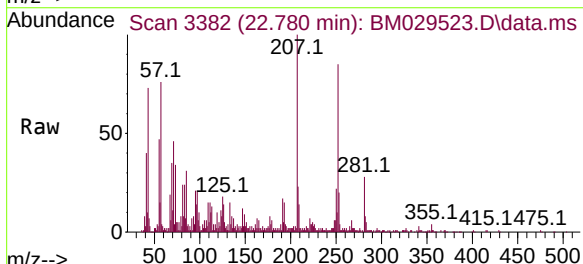
Instrument :
BNA_M
ClientSampled :
SB-3B

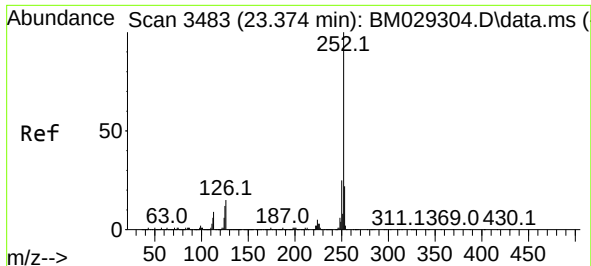
Tgt Ion:252 Resp: 113718
Ion Ratio Lower Upper
252 100
253 23.4 17.6 26.4
125 20.5 9.0 13.4#



#89
Benzo(k)fluoranthene
Concen: 4.76 ng
RT: 22.780 min Scan# 3382
Delta R.T. -0.047 min
Lab File: BM029523.D
Acq: 16 Apr 2021 15:54

Tgt Ion:252 Resp: 113718
Ion Ratio Lower Upper
252 100
253 23.4 17.6 26.4
125 20.5 8.7 13.1#

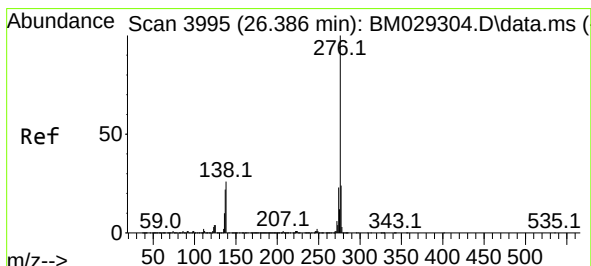
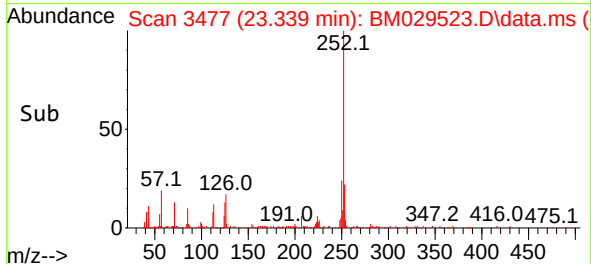
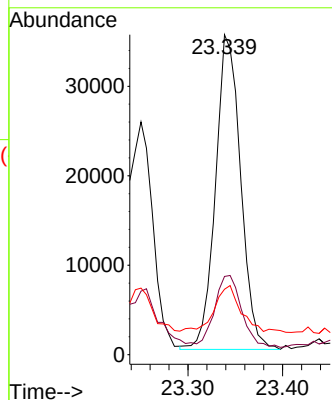
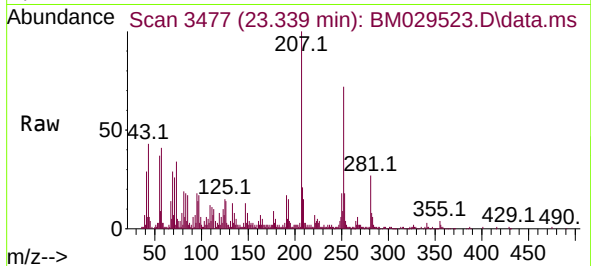




#90
Benzo(a)pyrene
Concen: 2.84 ng
RT: 23.339 min Scan# 3477
Delta R.T. -0.006 min
Lab File: BM029523.D
Acq: 16 Apr 2021 15:54

Instrument :
BNA_M
ClientSampled :
SB-3B

Tgt Ion:252 Resp: 64892
Ion Ratio Lower Upper
252 100
253 24.5 17.0 25.4
125 20.5 9.5 14.3#



#92
Benzo(g,h,i)perylene
Concen: 2.06 ng
RT: 26.332 min Scan# 3986
Delta R.T. -0.012 min
Lab File: BM029523.D
Acq: 16 Apr 2021 15:54

Tgt Ion:276 Resp: 47698
Ion Ratio Lower Upper
276 100
277 21.8 18.7 28.1
138 24.5 19.0 28.4

