

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041621\
 Data File : BM029524.D
 Acq On : 16 Apr 2021 16:31
 Operator : CG/JU
 Sample : M1998-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-3A

Quant Time: Apr 16 23:19:25 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)

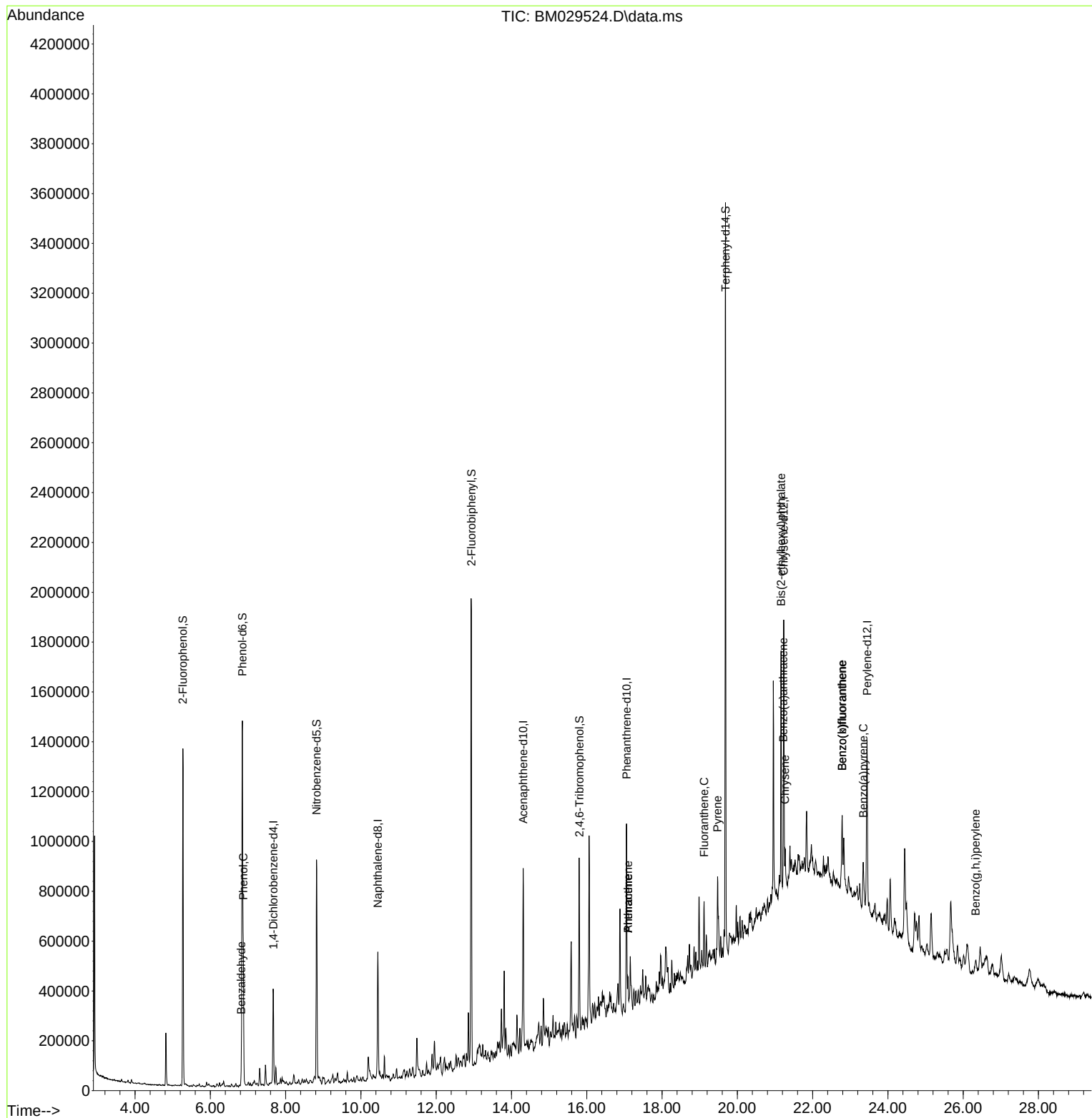
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	84565	20.00	ng	0.00
21) Naphthalene-d8	10.451	136	339951	20.00	ng	# 0.00
39) Acenaphthene-d10	14.310	164	196898	20.00	ng	0.00
64) Phenanthrene-d10	17.057	188	390345	20.00	ng	0.00
76) Chrysene-d12	21.233	240	371435	20.00	ng	0.00
86) Perylene-d12	23.445	264	388968	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.269	112	461628	90.13	ng	0.00
7) Phenol-d6	6.852	99	684825	94.71	ng	0.00
23) Nitrobenzene-d5	8.822	82	488414	65.87	ng	0.00
42) 2,4,6-Tribromophenol	15.804	330	75142	38.18	ng	0.00
45) 2-Fluorobiphenyl	12.934	172	848142	60.01	ng	0.00
79) Terphenyl-d14	19.686	244	1077382	55.09	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.822	77	15008	3.30	ng	88
10) Phenol	6.875	94	217672	30.61	ng	95
71) Phenanthrene	17.098	178	63745	2.82	ng	97
72) Anthracene	17.098	178	63745	2.86	ng	97
75) Fluoranthene	19.116	202	122407	4.87	ng	97
78) Pyrene	19.474	202	148554	5.76	ng	98
81) Benzo(a)anthracene	21.221	228	71321	2.88	ng	# 88
83) Chrysene	21.268	228	72705	3.00	ng	# 94
84) Bis(2-ethylhexyl)phtha...	21.162	149	291964	16.33	ng	98
88) Benzo(b)fluoranthene	22.786	252	119718	4.69	ng	# 82
89) Benzo(k)fluoranthene	22.786	252	119718	4.90	ng	# 81
90) Benzo(a)pyrene	23.345	252	71277	3.05	ng	# 80
92) Benzo(g,h,i)perylene	26.333	276	48954	2.06	ng	# 93

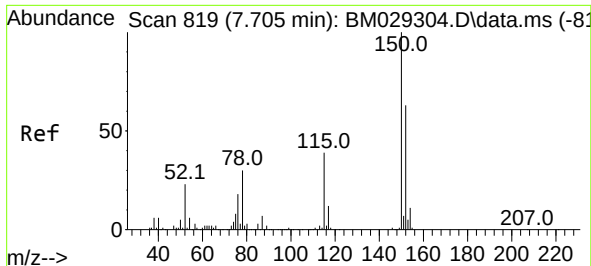
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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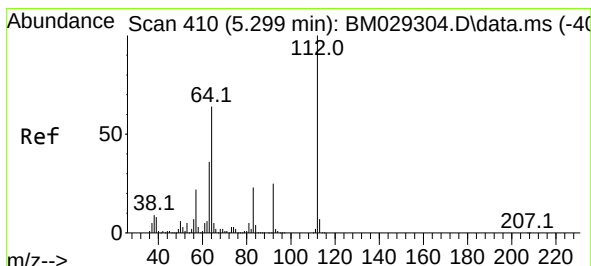
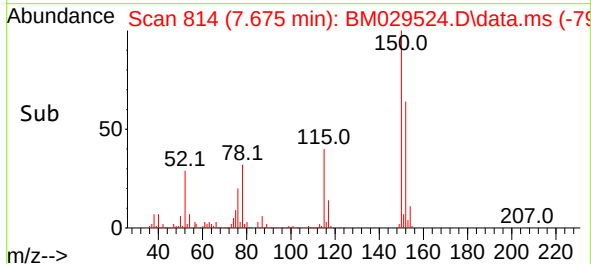
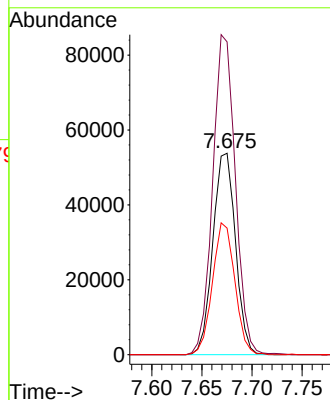
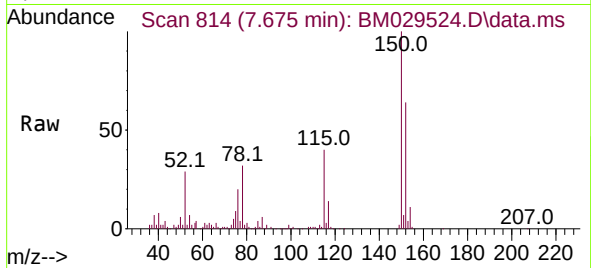




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.675 min Scan# 814
Delta R.T. 0.000 min
Lab File: BM029524.D
Acq: 16 Apr 2021 16:31

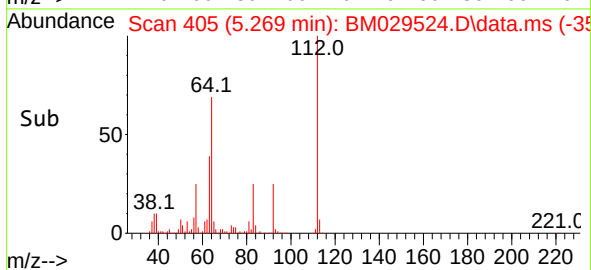
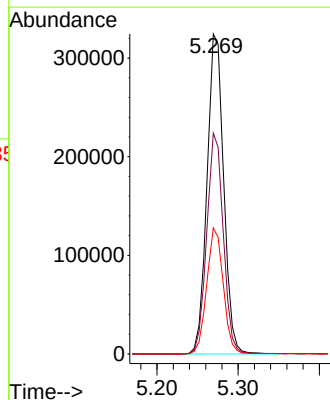
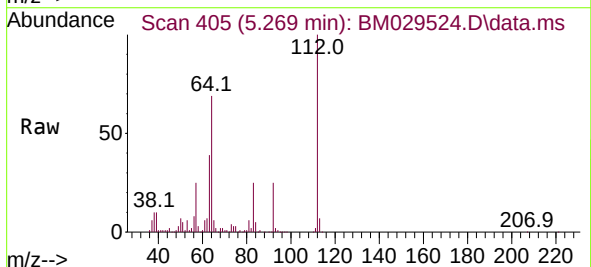
Instrument :
BNA_M
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SB-3A

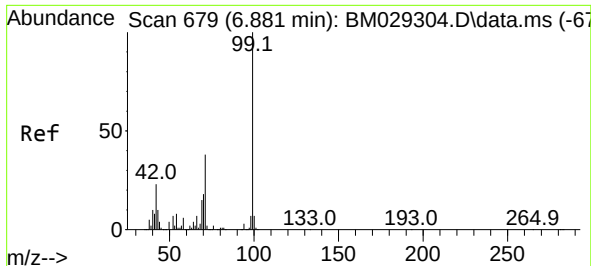
Tgt Ion:152 Resp: 84565
Ion Ratio Lower Upper
152 100
150 155.3 124.3 186.5
115 62.8 46.4 69.6



#5
2-Fluorophenol
Concen: 90.13 ng
RT: 5.269 min Scan# 405
Delta R.T. 0.000 min
Lab File: BM029524.D
Acq: 16 Apr 2021 16:31

Tgt Ion:112 Resp: 461628
Ion Ratio Lower Upper
112 100
64 69.0 51.6 77.4
63 39.4 29.0 43.4

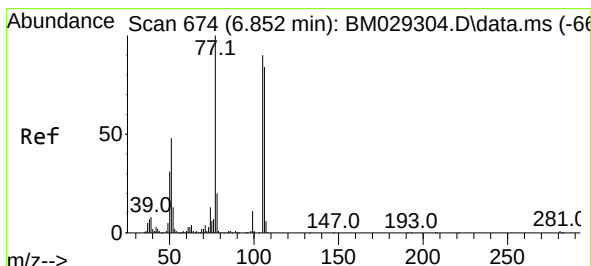
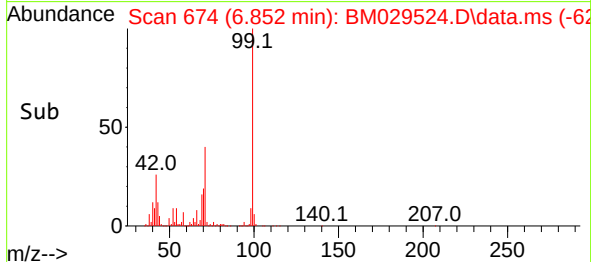
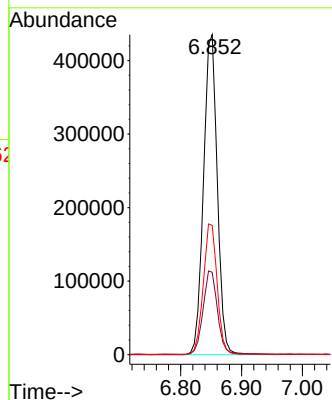
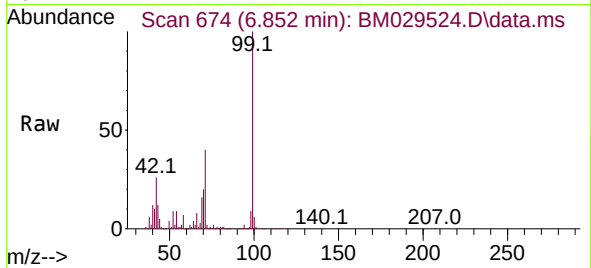




#7
Phenol-d6
Concen: 94.71 ng
RT: 6.852 min Scan# 674
Delta R.T. 0.000 min
Lab File: BM029524.D
Acq: 16 Apr 2021 16:31

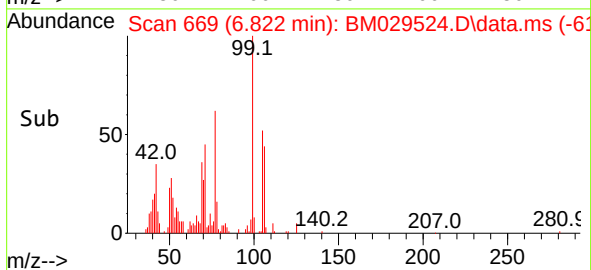
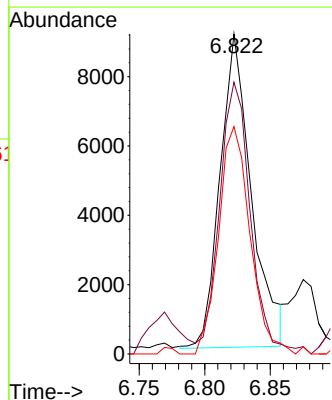
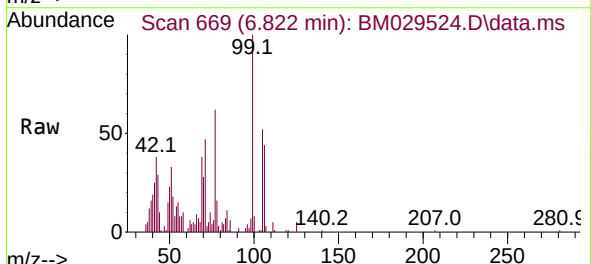
Instrument :
BNA_M
ClientSampleId :
SB-3A

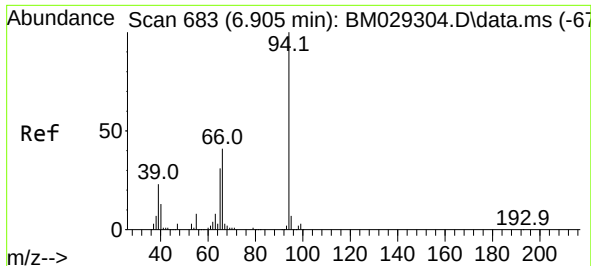
Tgt Ion: 99 Resp: 684825
Ion Ratio Lower Upper
99 100
42 25.8 18.5 27.7
71 40.4 31.8 47.6



#9
Benzaldehyde
Concen: 3.30 ng
RT: 6.822 min Scan# 669
Delta R.T. 0.000 min
Lab File: BM029524.D
Acq: 16 Apr 2021 16:31

Tgt Ion: 77 Resp: 15008
Ion Ratio Lower Upper
77 100
105 84.9 71.4 111.4
106 71.0 66.5 106.5

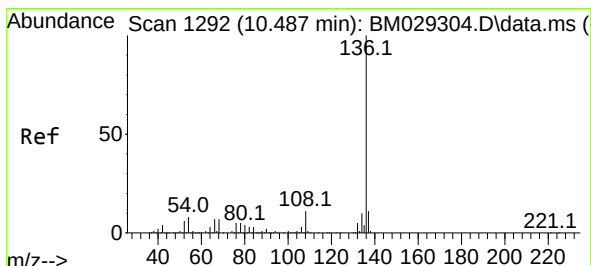
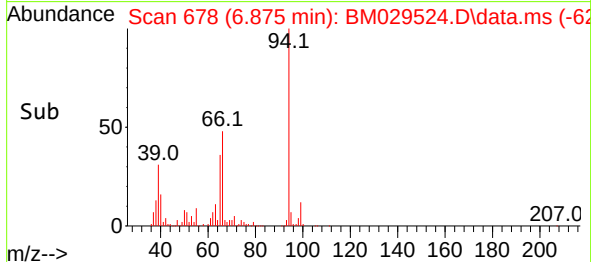
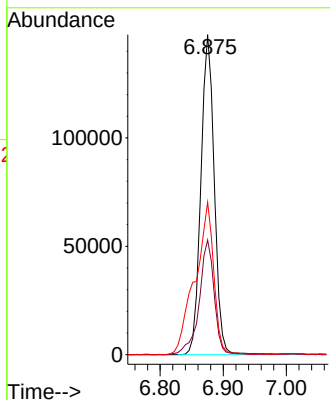
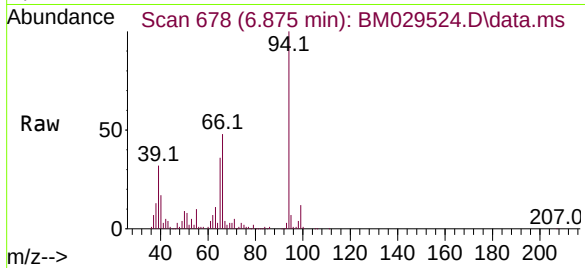




#10
Phenol
Concen: 30.61 ng
RT: 6.875 min Scan# 678
Delta R.T. 0.000 min
Lab File: BM029524.D
Acq: 16 Apr 2021 16:31

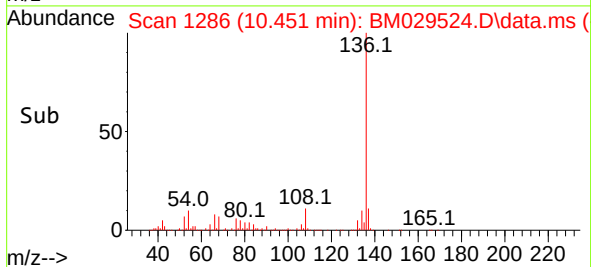
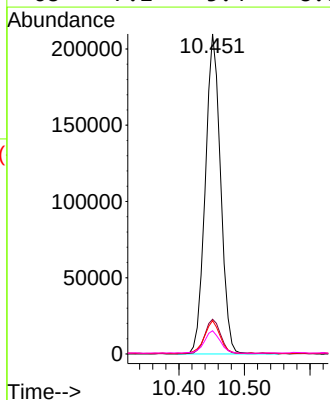
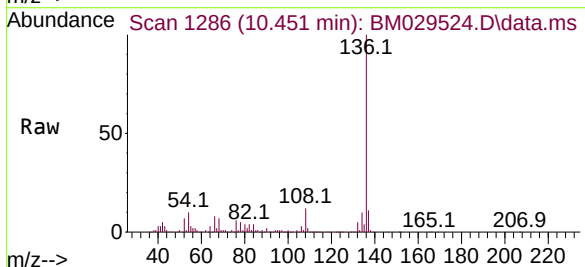
Instrument :
BNA_M
ClientSampleId :
SB-3A

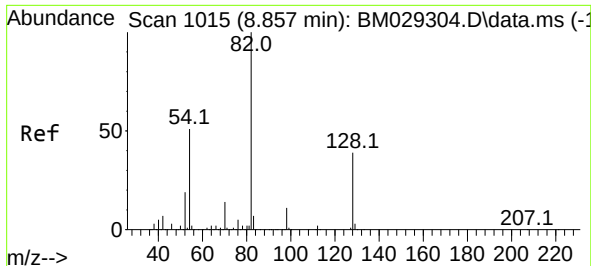
Tgt Ion: 94 Resp: 217672
Ion Ratio Lower Upper
94 100
65 35.8 13.0 53.0
66 47.6 24.1 64.1



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.451 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BM029524.D
Acq: 16 Apr 2021 16:31

Tgt Ion: 136 Resp: 339951
Ion Ratio Lower Upper
136 100
137 10.9 9.3 13.9
54 10.4 6.9 10.3#
68 7.2 5.4 8.0

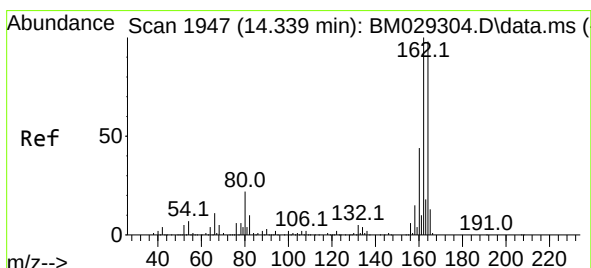
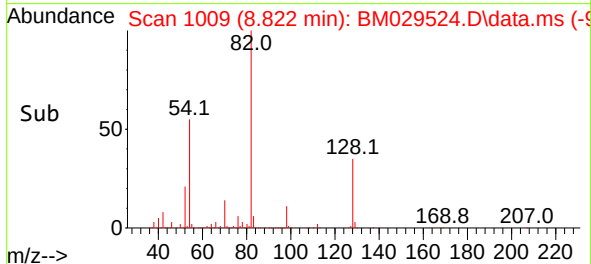
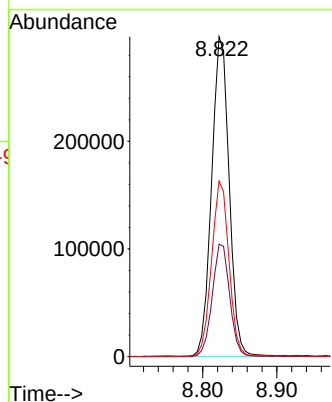
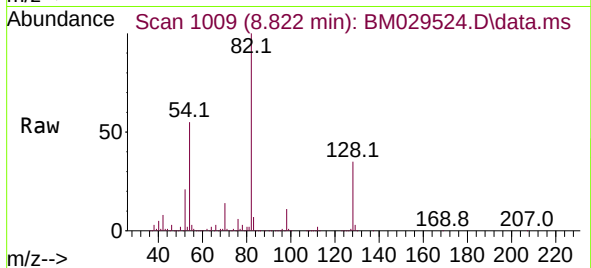




#23
Nitrobenzene-d5
Concen: 65.87 ng
RT: 8.822 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BM029524.D
Acq: 16 Apr 2021 16:31

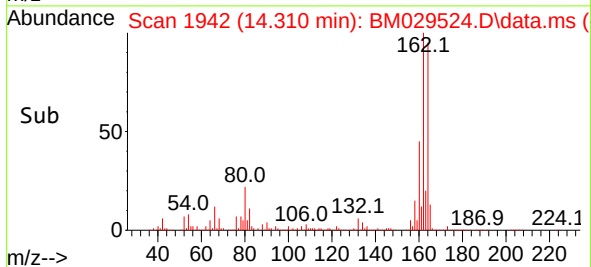
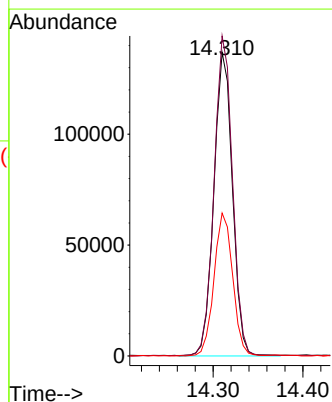
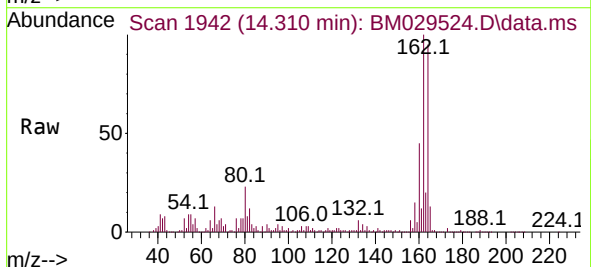
Instrument :
BNA_M
ClientSampleId :
SB-3A

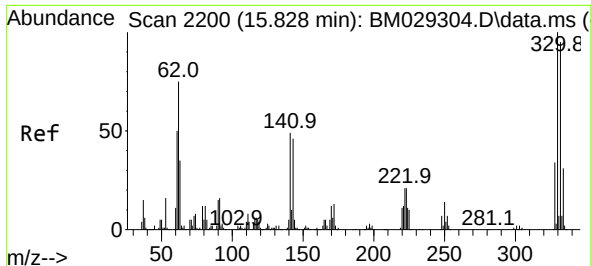
Tgt Ion: 82 Resp: 488414
Ion Ratio Lower Upper
82 100
128 35.2 28.6 42.8
54 54.8 40.7 61.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.310 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BM029524.D
Acq: 16 Apr 2021 16:31

Tgt Ion: 164 Resp: 196898
Ion Ratio Lower Upper
164 100
162 105.4 84.4 126.6
160 47.1 36.6 54.8

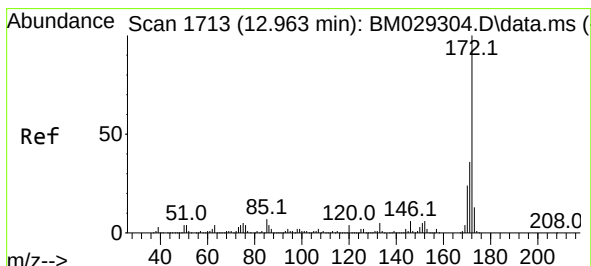
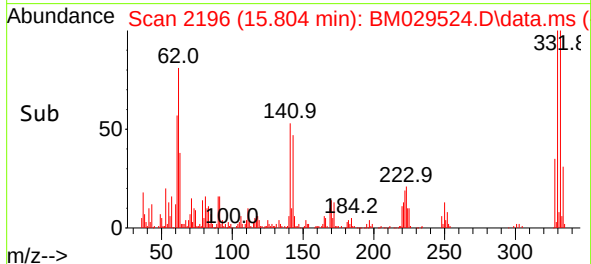
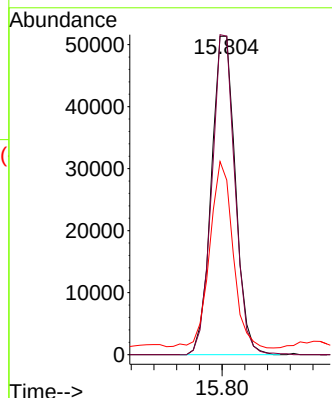
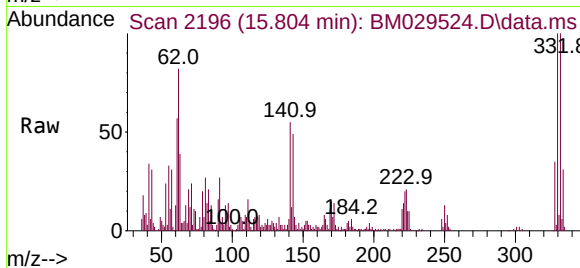




#42
2,4,6-Tribromophenol
Concen: 38.18 ng
RT: 15.804 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BM029524.D
Acq: 16 Apr 2021 16:31

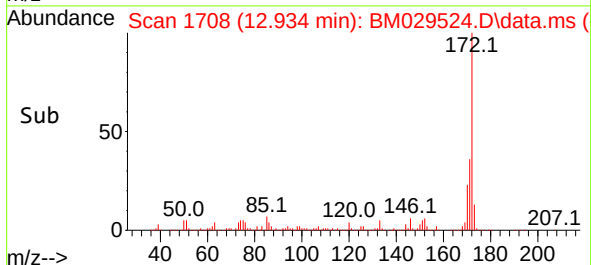
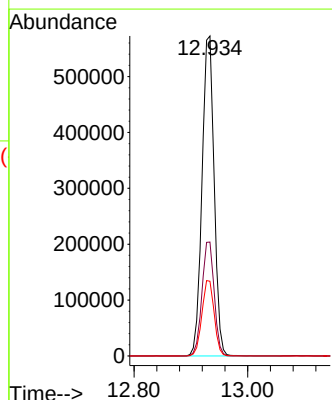
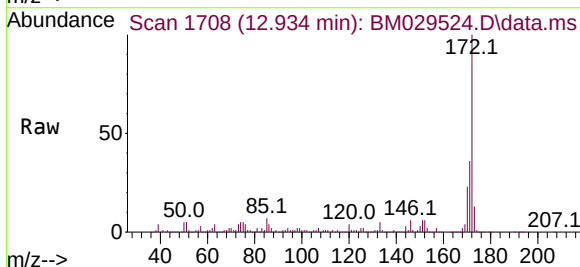
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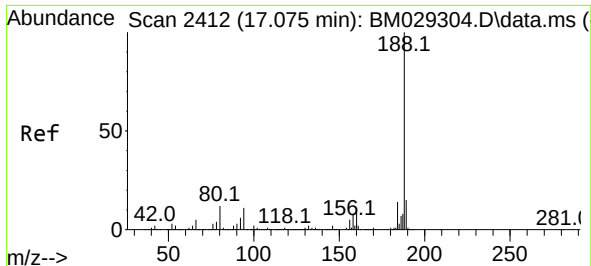
Tgt Ion:330 Resp: 75142
Ion Ratio Lower Upper
330 100
332 97.1 77.1 115.7
141 57.1 39.2 58.8



#45
2-Fluorobiphenyl
Concen: 60.01 ng
RT: 12.934 min Scan# 1708
Delta R.T. 0.000 min
Lab File: BM029524.D
Acq: 16 Apr 2021 16:31

Tgt Ion:172 Resp: 848142
Ion Ratio Lower Upper
172 100
171 35.6 28.7 43.1
170 23.4 18.8 28.2

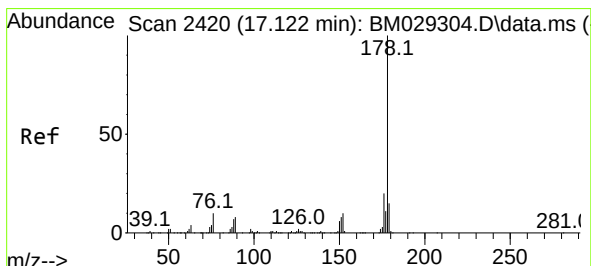
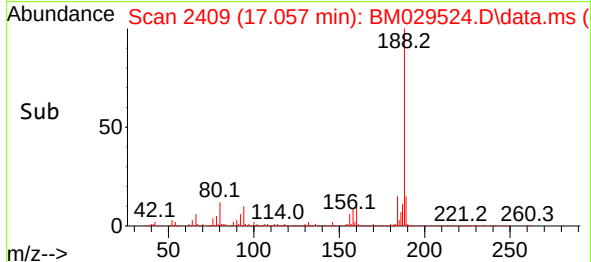
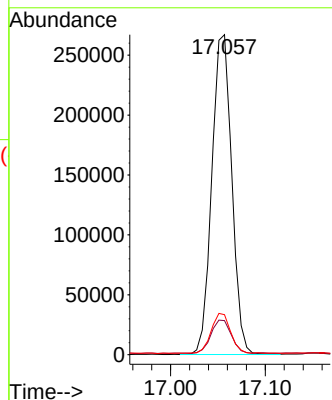
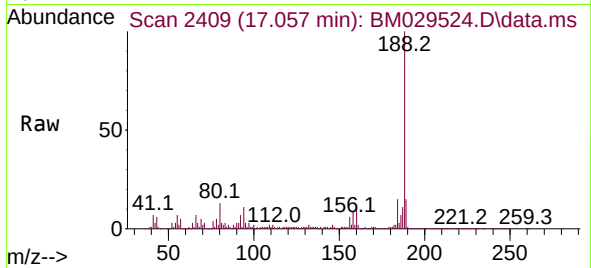




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.057 min Scan# 2409
Delta R.T. 0.000 min
Lab File: BM029524.D
Acq: 16 Apr 2021 16:31

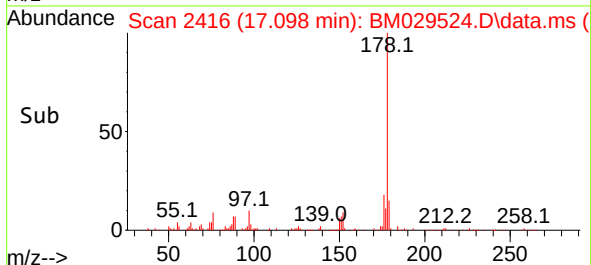
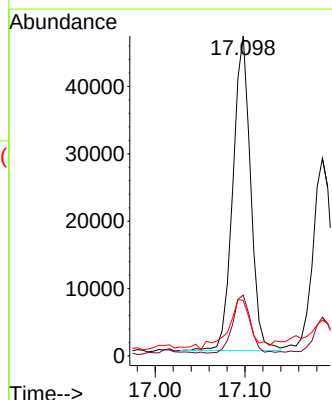
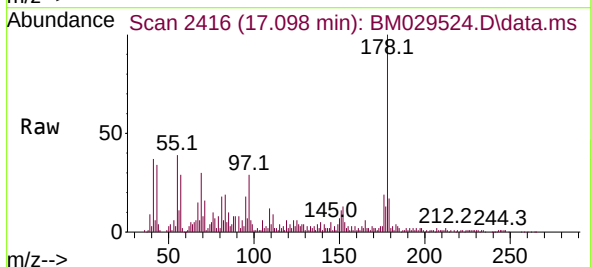
Instrument :
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ClientSampled :
SB-3A

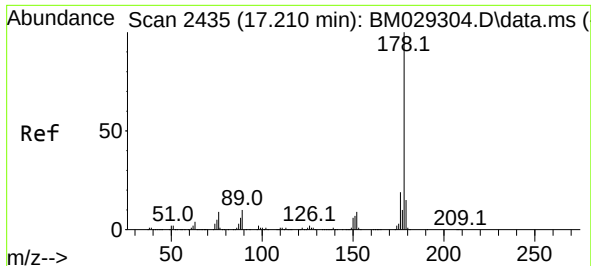
Tgt Ion:188 Resp: 390345
Ion Ratio Lower Upper
188 100
94 10.6 8.1 12.1
80 12.5 9.2 13.8



#71
Phenanthrene
Concen: 2.82 ng
RT: 17.098 min Scan# 2416
Delta R.T. 0.000 min
Lab File: BM029524.D
Acq: 16 Apr 2021 16:31

Tgt Ion:178 Resp: 63745
Ion Ratio Lower Upper
178 100
176 19.0 15.7 23.5
179 17.4 11.9 17.9

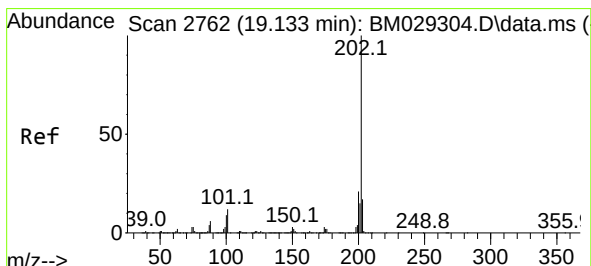
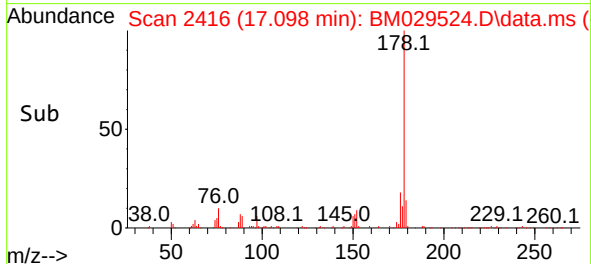
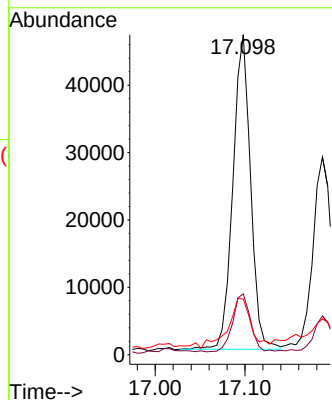
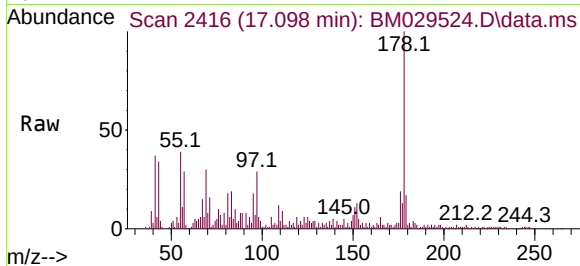




#72
 Anthracene
 Concen: 2.86 ng
 RT: 17.098 min Scan# 2416
 Delta R.T. -0.094 min
 Lab File: BM029524.D
 Acq: 16 Apr 2021 16:31

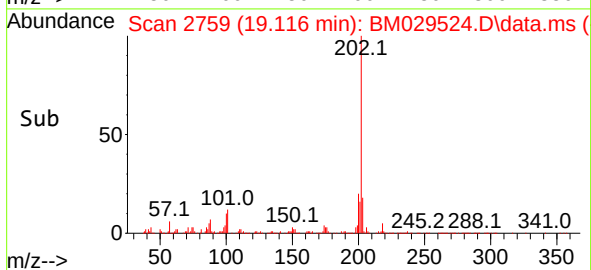
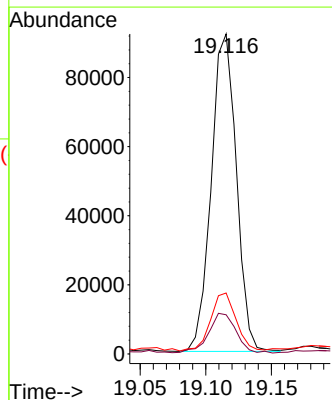
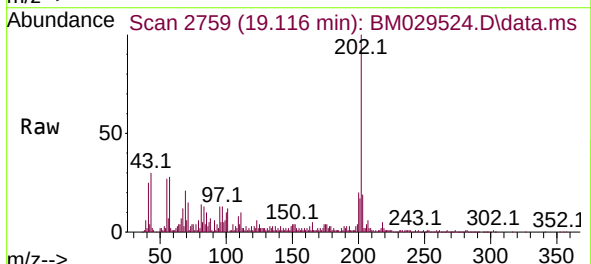
Instrument :
 BNA_M
 ClientSampled :
 SB-3A

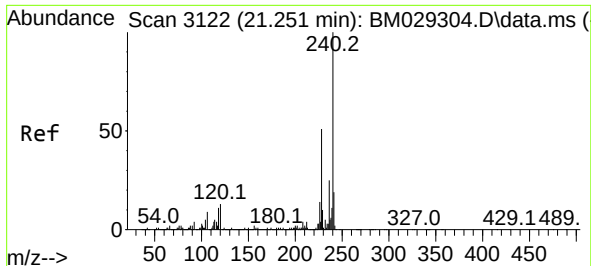
Tgt Ion:178 Resp: 63745
 Ion Ratio Lower Upper
 178 100
 176 19.0 14.9 22.3
 179 17.4 12.1 18.1



#75
 Fluoranthene
 Concen: 4.87 ng
 RT: 19.116 min Scan# 2759
 Delta R.T. 0.000 min
 Lab File: BM029524.D
 Acq: 16 Apr 2021 16:31

Tgt Ion:202 Resp: 122407
 Ion Ratio Lower Upper
 202 100
 101 12.3 0.0 31.5
 203 19.1 0.0 37.7

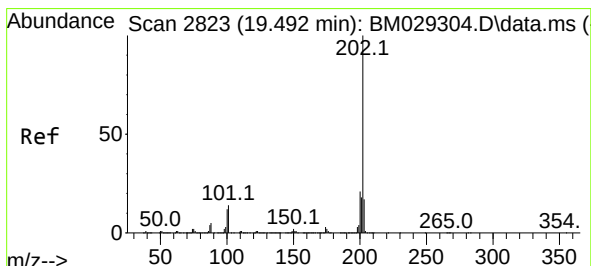
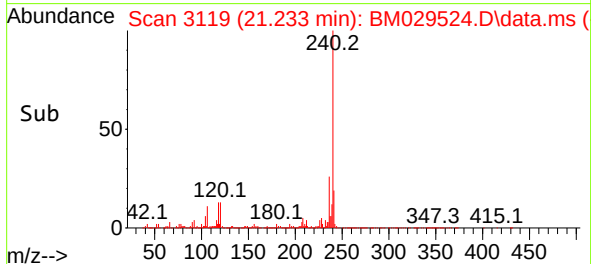
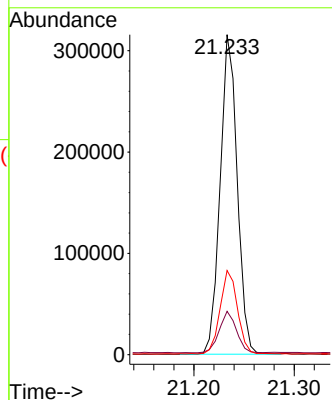
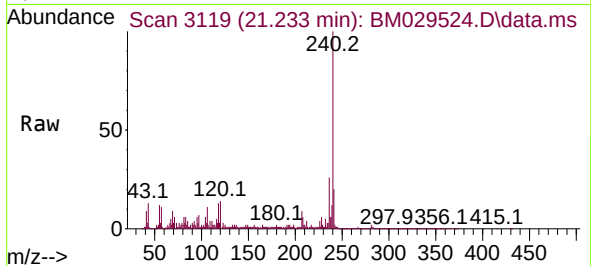




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.233 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BM029524.D
Acq: 16 Apr 2021 16:31

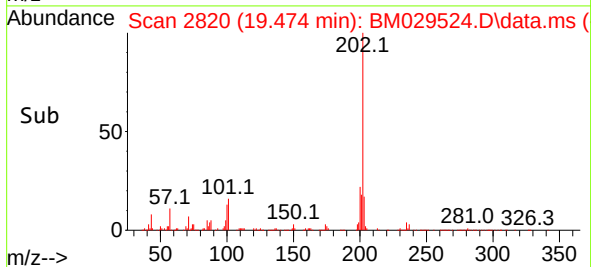
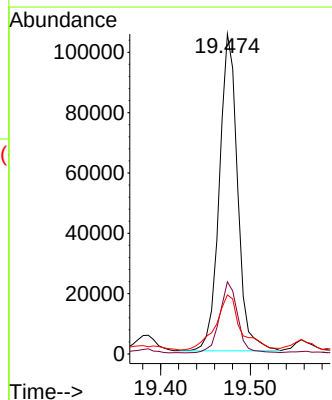
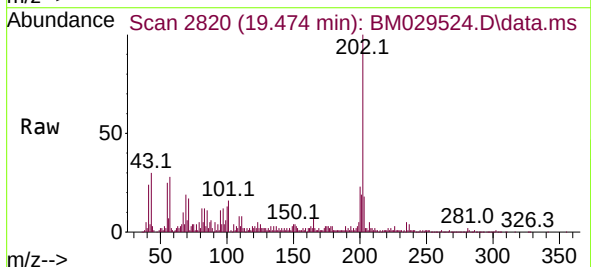
Instrument :
BNA_M
ClientSampled :
SB-3A

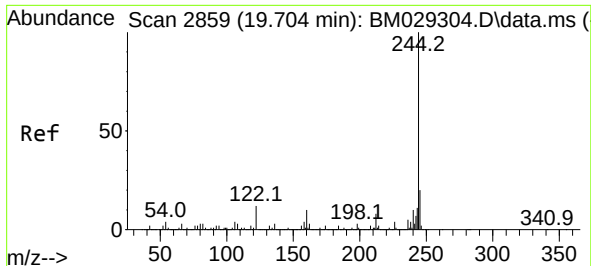
Tgt Ion:240 Resp: 371435
Ion Ratio Lower Upper
240 100
120 13.5 9.0 13.6
236 26.3 20.3 30.5



#78
Pyrene
Concen: 5.76 ng
RT: 19.474 min Scan# 2820
Delta R.T. 0.000 min
Lab File: BM029524.D
Acq: 16 Apr 2021 16:31

Tgt Ion:202 Resp: 148554
Ion Ratio Lower Upper
202 100
200 22.5 17.0 25.6
203 18.5 14.1 21.1

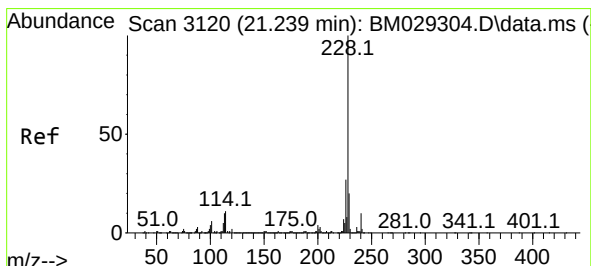
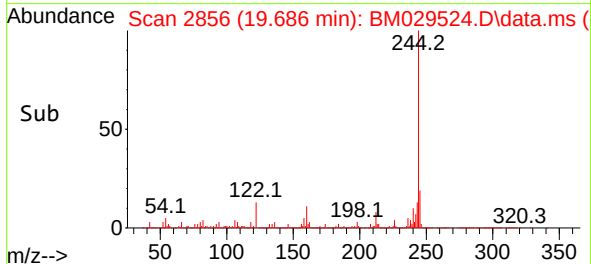
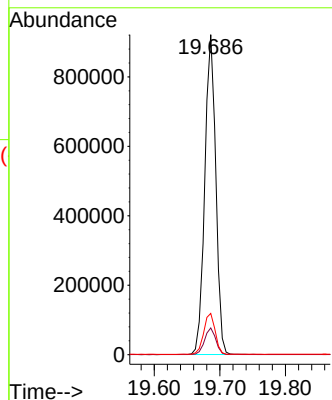
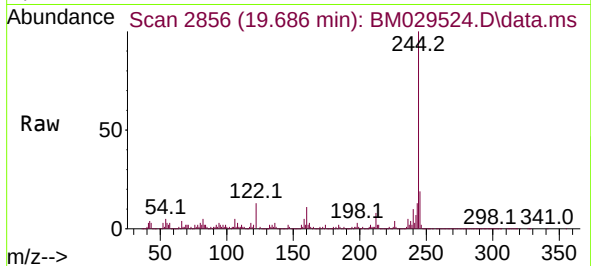




#79
 Terphenyl-d14
 Concen: 55.09 ng
 RT: 19.686 min Scan# 2856
 Delta R.T. 0.000 min
 Lab File: BM029524.D
 Acq: 16 Apr 2021 16:31

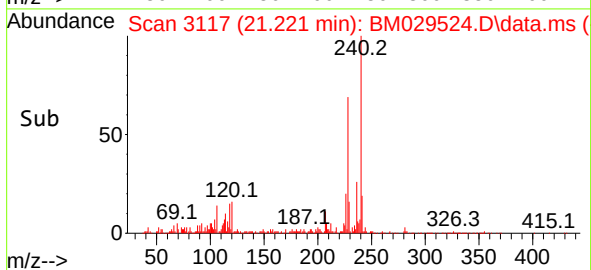
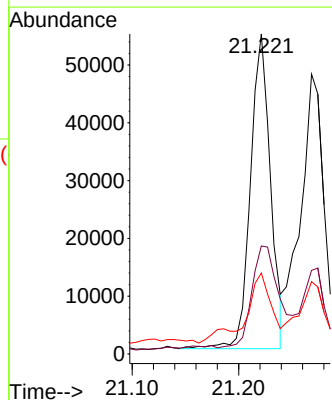
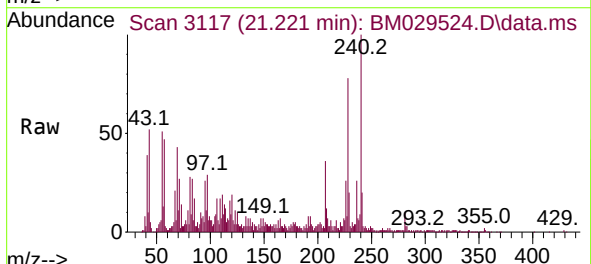
Instrument :
 BNA_M
 ClientSampled :
 SB-3A

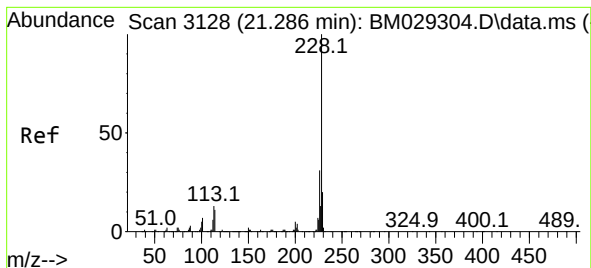
Tgt Ion:244 Resp: 1077382
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.5 9.7
 122 12.9 9.2 13.8



#81
 Benzo(a)anthracene
 Concen: 2.88 ng
 RT: 21.221 min Scan# 3117
 Delta R.T. 0.000 min
 Lab File: BM029524.D
 Acq: 16 Apr 2021 16:31

Tgt Ion:228 Resp: 71321
 Ion Ratio Lower Upper
 228 100
 226 33.7 21.9 32.9#
 229 25.3 15.7 23.5#





#83

Chrysene

Concen: 3.00 ng

RT: 21.268 min Scan# 3125

Delta R.T. -0.006 min

Lab File: BM029524.D

Acq: 16 Apr 2021 16:31

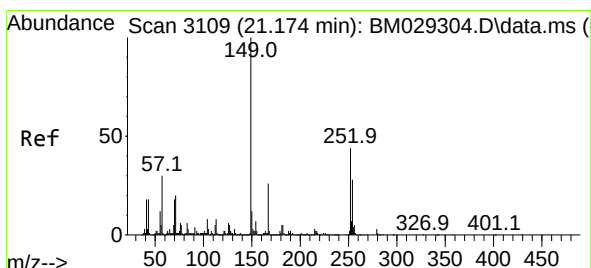
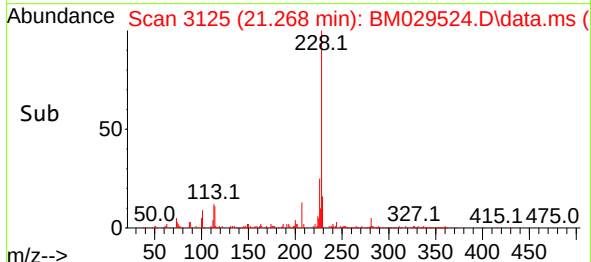
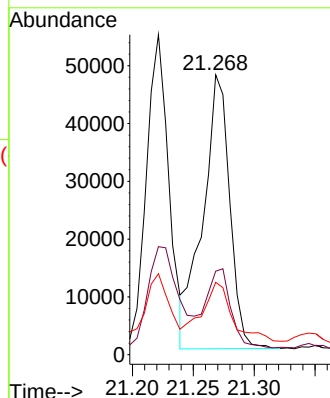
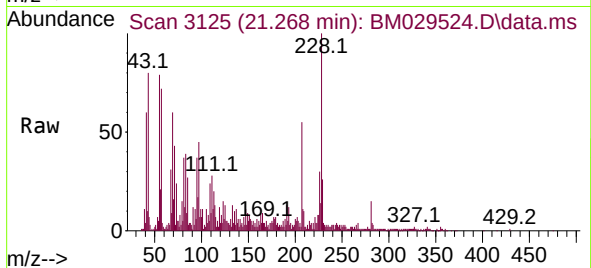
Tgt Ion:228	Resp:	72705
Ion Ratio	Lower	Upper
228	100	
226	29.9	24.7 37.1
229	25.9	15.8 23.6#

Instrument :

BNA_M

ClientSampled :

SB-3A



#84

Bis(2-ethylhexyl)phthalate

Concen: 16.33 ng

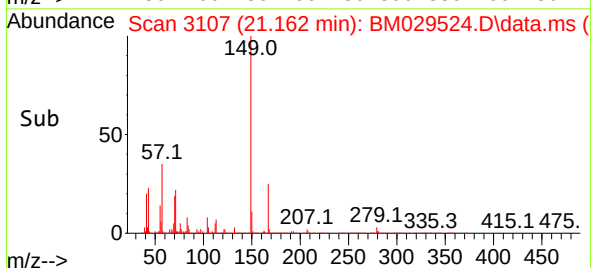
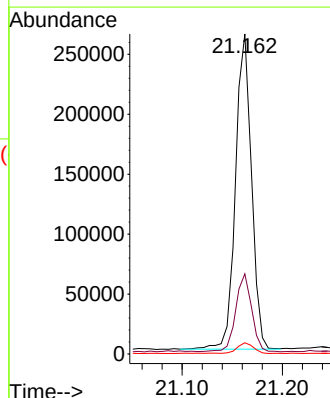
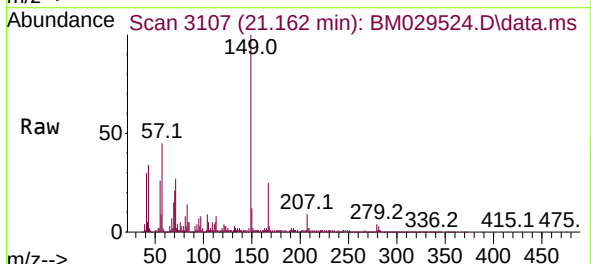
RT: 21.162 min Scan# 3107

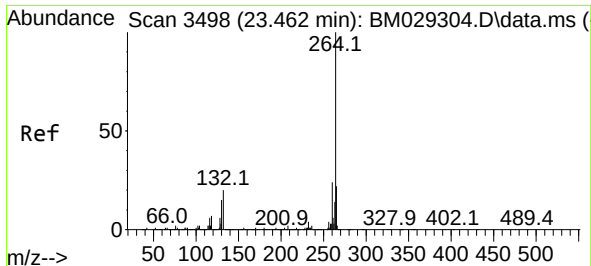
Delta R.T. 0.000 min

Lab File: BM029524.D

Acq: 16 Apr 2021 16:31

Tgt Ion:149	Resp:	291964
Ion Ratio	Lower	Upper
149	100	
167	25.1	20.6 31.0
279	3.5	3.3 4.9

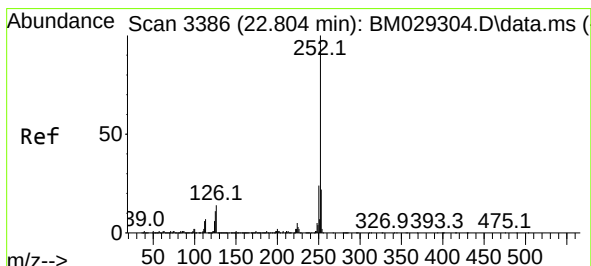
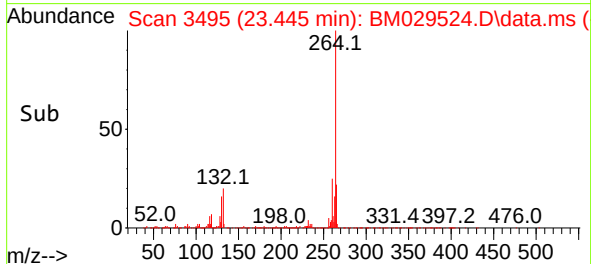
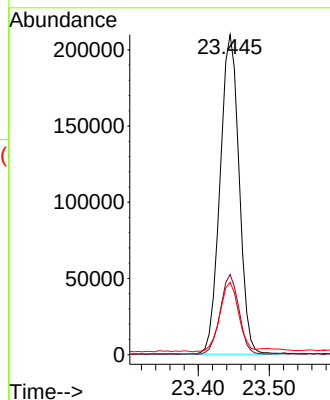
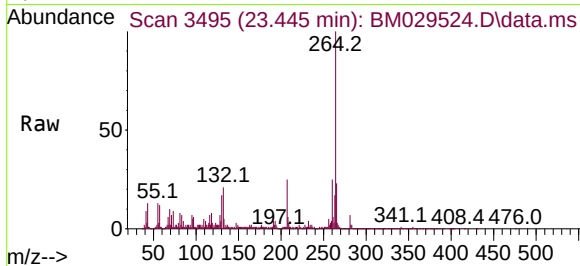




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.445 min Scan# 3495
Delta R.T. 0.006 min
Lab File: BM029524.D
Acq: 16 Apr 2021 16:31

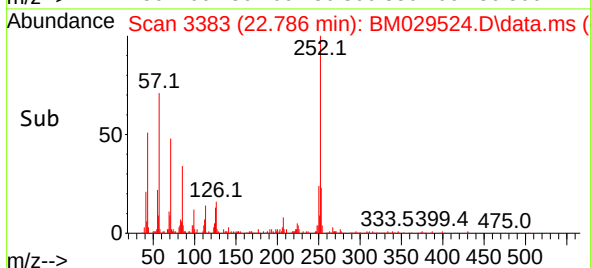
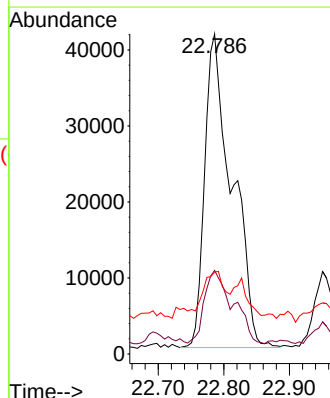
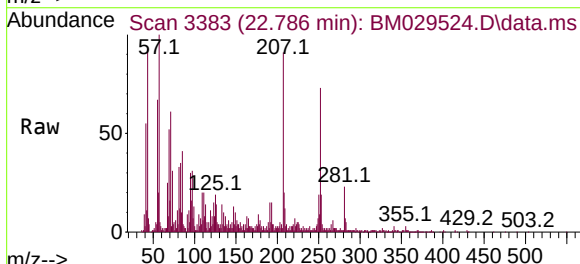
Instrument :
BNA_M
ClientSampled :
SB-3A

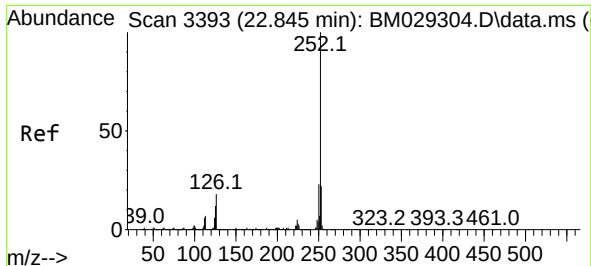
Tgt Ion:264 Resp: 388968
Ion Ratio Lower Upper
264 100
260 25.0 19.6 29.4
265 22.6 17.8 26.8



#88
Benzo(b)fluoranthene
Concen: 4.69 ng
RT: 22.786 min Scan# 3383
Delta R.T. 0.006 min
Lab File: BM029524.D
Acq: 16 Apr 2021 16:31

Tgt Ion:252 Resp: 119718
Ion Ratio Lower Upper
252 100
253 26.1 17.6 26.4
125 25.6 9.0 13.4#

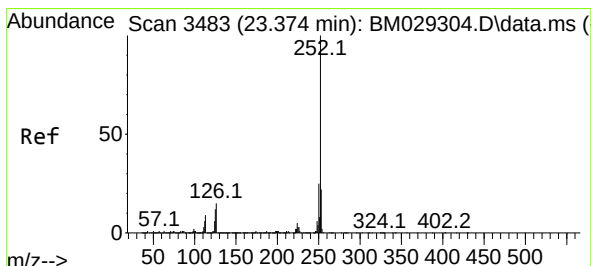
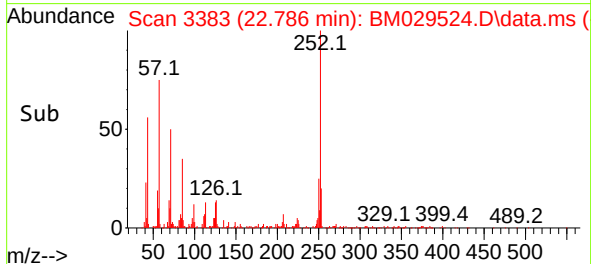
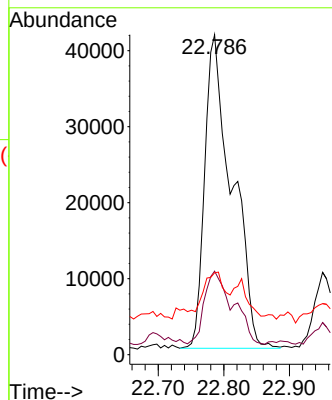
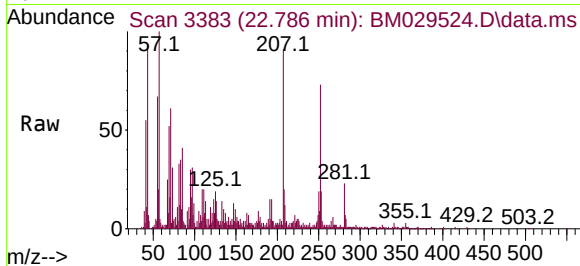




#89
Benzo(k)fluoranthene
Concen: 4.90 ng
RT: 22.786 min Scan# 3383
Delta R.T. -0.041 min
Lab File: BM029524.D
Acq: 16 Apr 2021 16:31

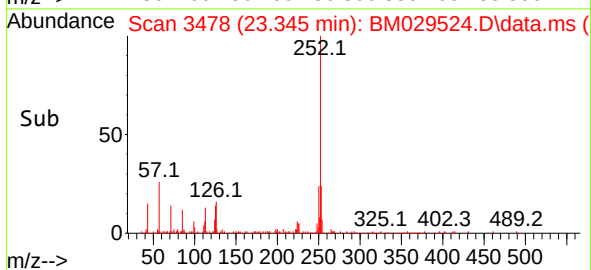
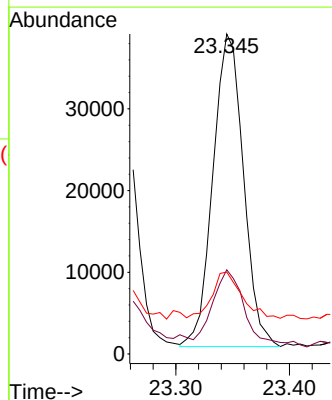
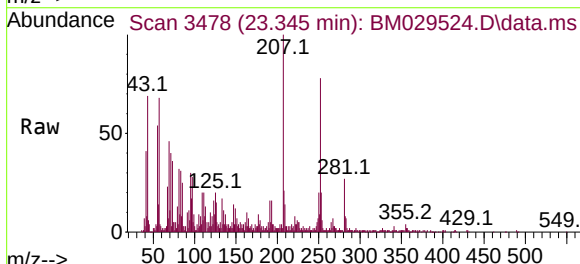
Instrument :
BNA_M
ClientSampled :
SB-3A

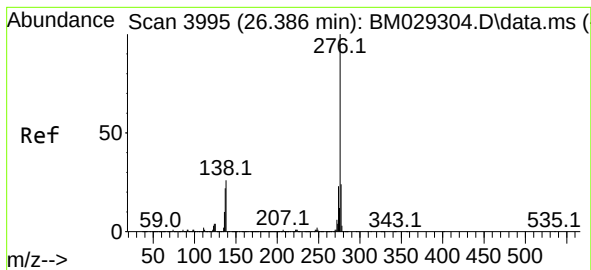
Tgt Ion:252 Resp: 119718
Ion Ratio Lower Upper
252 100
253 26.1 17.6 26.4
125 25.6 8.7 13.1#



#90
Benzo(a)pyrene
Concen: 3.05 ng
RT: 23.345 min Scan# 3478
Delta R.T. 0.000 min
Lab File: BM029524.D
Acq: 16 Apr 2021 16:31

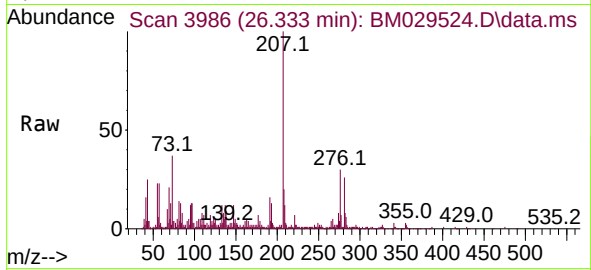
Tgt Ion:252 Resp: 71277
Ion Ratio Lower Upper
252 100
253 26.3 17.0 25.4#
125 25.6 9.5 14.3#





#92
 Benzo(g,h,i)perylene
 Concen: 2.06 ng
 RT: 26.333 min Scan# 3986
 Delta R.T. -0.012 min
 Lab File: BM029524.D
 Acq: 16 Apr 2021 16:31

Instrument :
 BNA_M
 ClientSampleId :
 SB-3A



Tgt Ion:	276	Resp:	48954
Ion Ratio	Lower	Upper	
276	100		
277	24.5	18.7	28.1
138	29.3	19.0	28.4#

