

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042321\
 Data File : BM029626.D
 Acq On : 23 Apr 2021 23:09
 Operator : CG/JU
 Sample : M2142-01 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EO-04-042221

Quant Time: Apr 26 02:11:27 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 22 15:55:11 2021
 Response via : Initial Calibration

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

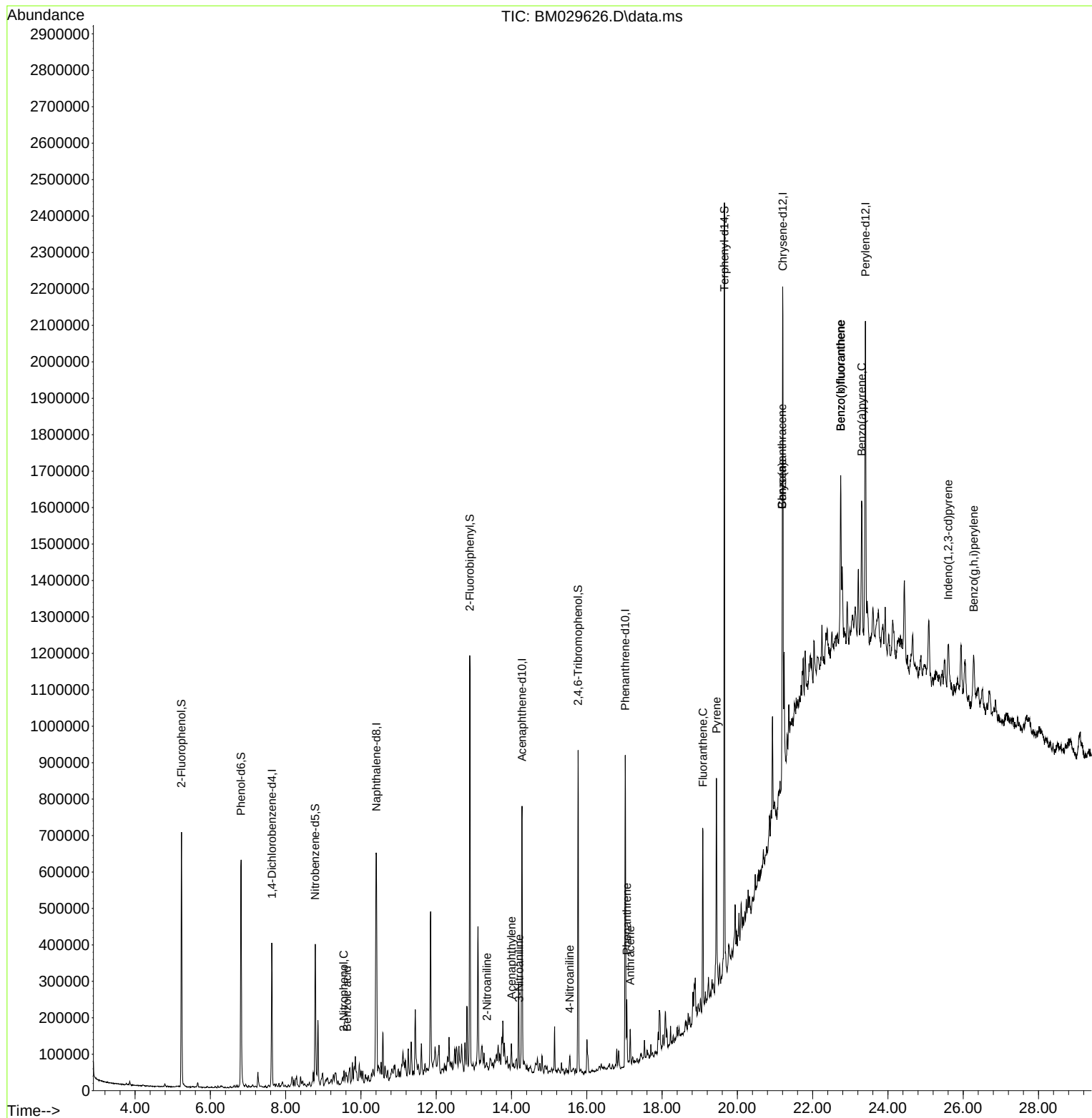
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	105176	20.00	ng	0.00
21) Naphthalene-d8	10.410	136	373331	20.00	ng	0.00
39) Acenaphthene-d10	14.280	164	238472	20.00	ng	0.00
64) Phenanthrene-d10	17.021	188	508952	20.00	ng	0.00
76) Chrysene-d12	21.209	240	561658	20.00	ng	0.00
86) Perylene-d12	23.403	264	592319	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.234	112	280512	53.47	ng	0.00
7) Phenol-d6	6.816	99	339441	43.32	ng	0.00
23) Nitrobenzene-d5	8.787	82	230673	31.82	ng	0.00
42) 2,4,6-Tribromophenol	15.768	330	151629	45.98	ng	0.00
45) 2-Fluorobiphenyl	12.892	172	599063	34.10	ng	0.00
79) Terphenyl-d14	19.656	244	912253	30.79	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.539	139	61	3.21	ng	# 1
32) Benzoic acid	9.634	122	235	7.26	ng	# 1
48) 2-Nitroaniline	13.351	65	67	2.88	ng	# 61
49) Acenaphthylene	13.998	152	46712	2.18	ng	97
53) 3-Nitroaniline	14.204	138	144	3.02	ng	# 1
62) 4-Nitroaniline	15.545	138	135	3.49	ng	84
71) Phenanthrene	17.062	178	105452	3.60	ng	99
72) Anthracene	17.157	178	65020	2.25	ng	98
75) Fluoranthene	19.086	202	298555	8.40	ng	99
78) Pyrene	19.445	202	325010	8.99	ng	99
81) Benzo(a)anthracene	21.192	228	193490	5.21	ng	92
83) Chrysene	21.192	228	193490	5.30	ng	95
87) Indeno(1,2,3-cd)pyrene	25.603	276	129406	2.83	ng	97
88) Benzo(b)fluoranthene	22.744	252	256128	6.63	ng	# 85
89) Benzo(k)fluoranthene	22.744	252	256128	6.62	ng	# 84
90) Benzo(a)pyrene	23.303	252	193381	5.33	ng	# 92
92) Benzo(g,h,i)perylene	26.279	276	133787	3.66	ng	96

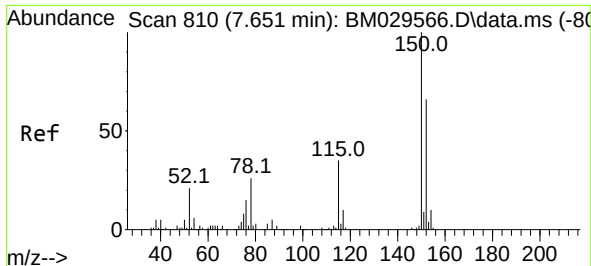
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042321\
Data File : BM029626.D
Acq On : 23 Apr 2021 23:09
Operator : CG/JU
Sample : M2142-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EO-04-042221

Quant Time: Apr 26 02:11:27 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 22 15:55:11 2021
Response via : Initial Calibration

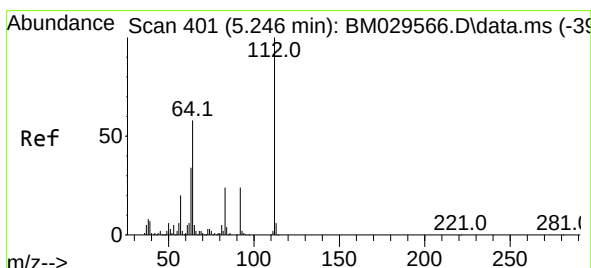
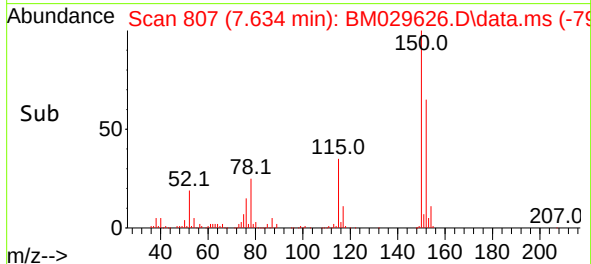
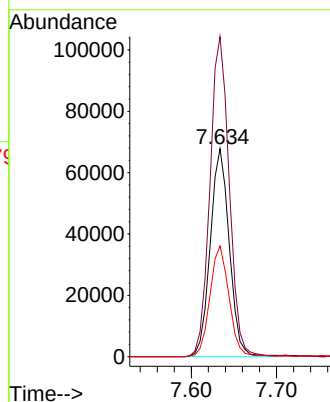
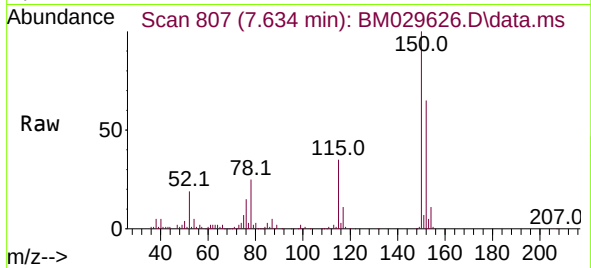




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.634 min Scan# 807
Delta R.T. -0.000 min
Lab File: BM029626.D
Acq: 23 Apr 2021 23:09

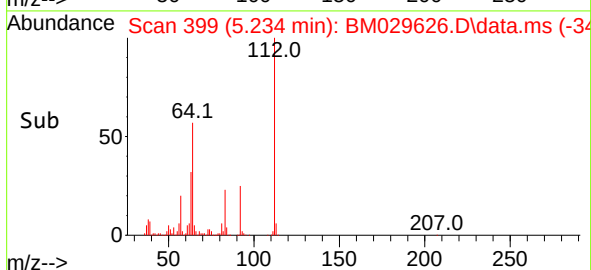
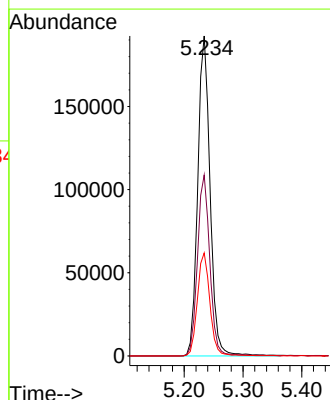
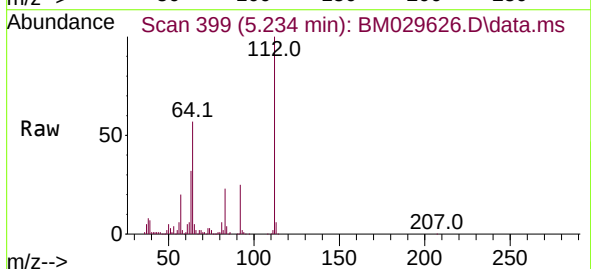
Instrument :
BNA_M
ClientSampleId :
EO-04-042221

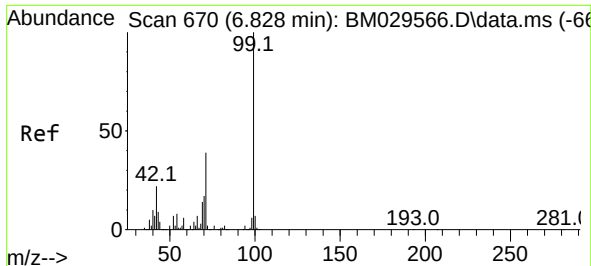
Tgt Ion:152 Resp: 105176
Ion Ratio Lower Upper
152 100
150 153.8 125.9 188.9
115 53.2 44.6 67.0



#5
2-Fluorophenol
Concen: 53.47 ng
RT: 5.234 min Scan# 399
Delta R.T. 0.006 min
Lab File: BM029626.D
Acq: 23 Apr 2021 23:09

Tgt Ion:112 Resp: 280512
Ion Ratio Lower Upper
112 100
64 56.6 47.1 70.7
63 32.2 27.3 40.9

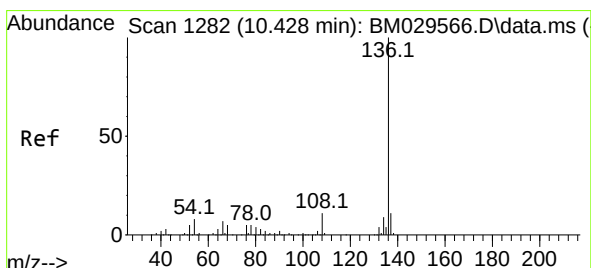
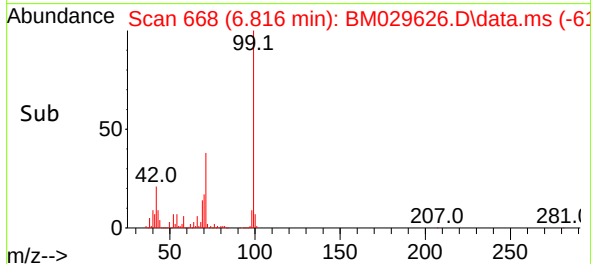
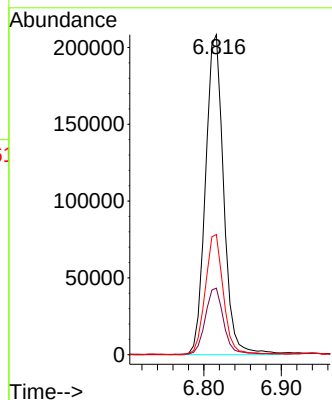
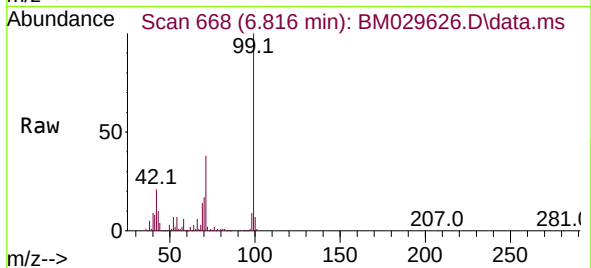




#7
Phenol-d6
Concen: 43.32 ng
RT: 6.816 min Scan# 668
Delta R.T. 0.006 min
Lab File: BM029626.D
Acq: 23 Apr 2021 23:09

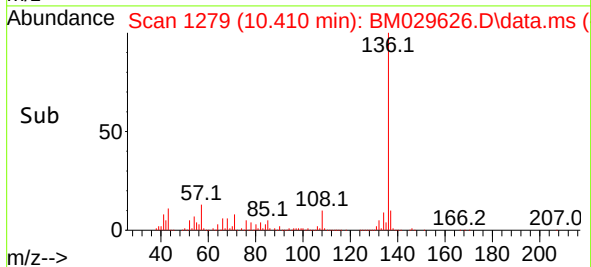
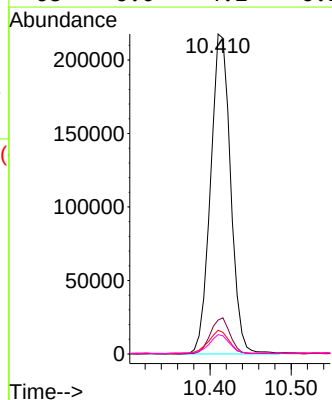
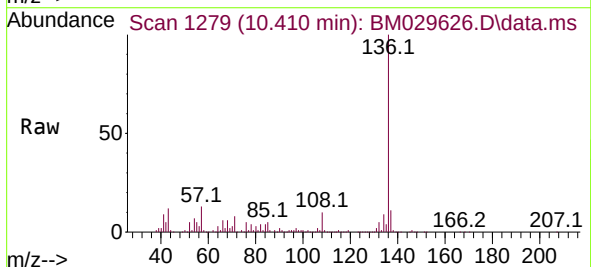
Instrument :
BNA_M
ClientSampleId :
EO-04-042221

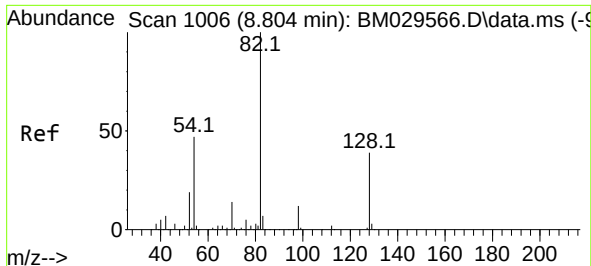
Tgt Ion: 99 Resp: 339441
Ion Ratio Lower Upper
99 100
42 20.8 18.0 27.0
71 37.5 30.9 46.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.410 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BM029626.D
Acq: 23 Apr 2021 23:09

Tgt Ion: 136 Resp: 373331
Ion Ratio Lower Upper
136 100
137 10.6 8.4 12.6
54 7.4 5.5 8.3
68 6.0 4.2 6.2

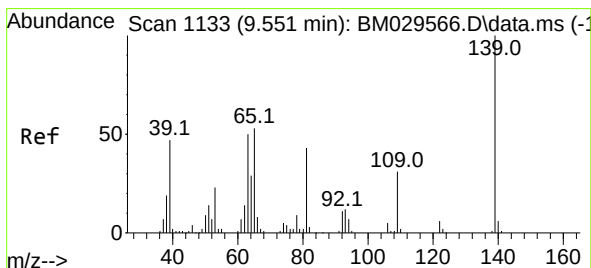
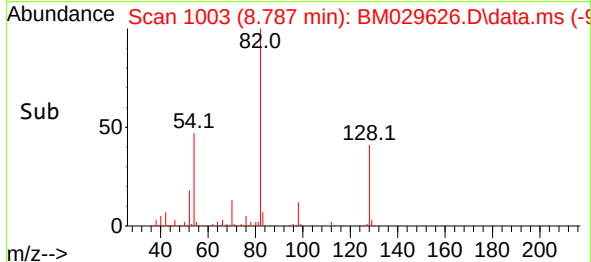
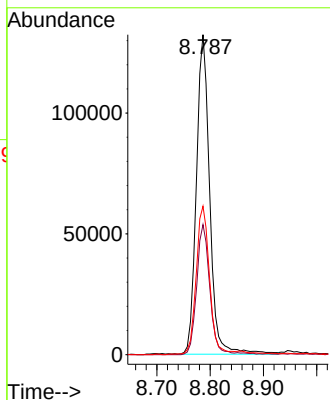
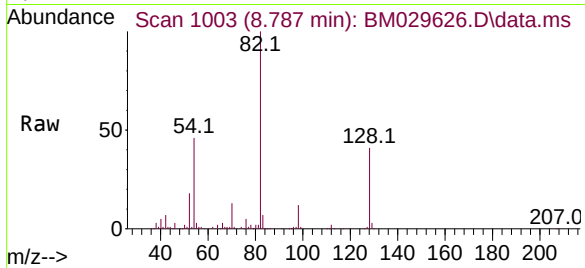




#23
Nitrobenzene-d5
Concen: 31.82 ng
RT: 8.787 min Scan# 1003
Delta R.T. -0.000 min
Lab File: BM029626.D
Acq: 23 Apr 2021 23:09

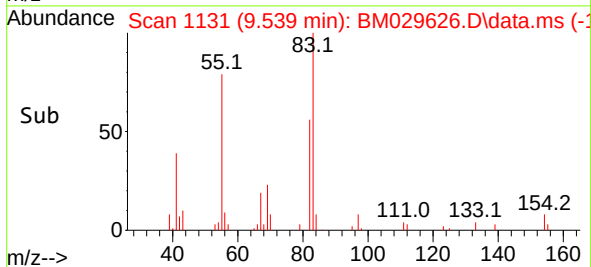
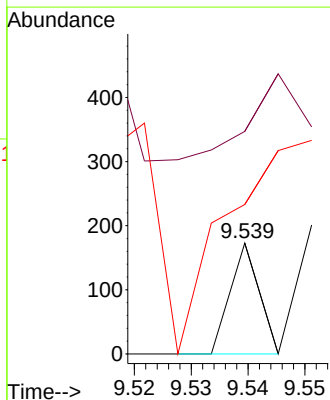
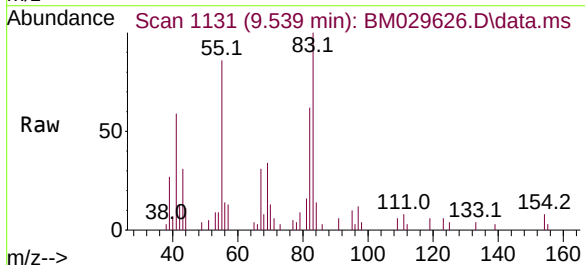
Instrument :
BNA_M
ClientSampleId :
EO-04-042221

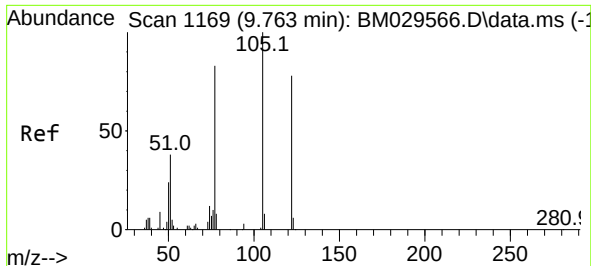
Tgt Ion: 82 Resp: 230673
Ion Ratio Lower Upper
82 100
128 40.7 31.1 46.7
54 46.4 37.3 55.9



#26
2-Nitrophenol
Concen: 3.21 ng
RT: 9.539 min Scan# 1131
Delta R.T. -0.000 min
Lab File: BM029626.D
Acq: 23 Apr 2021 23:09

Tgt Ion: 139 Resp: 61
Ion Ratio Lower Upper
139 100
109 200.6 26.7 40.1#
65 134.7 41.9 62.9#

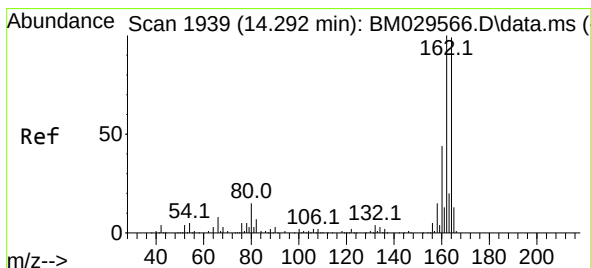
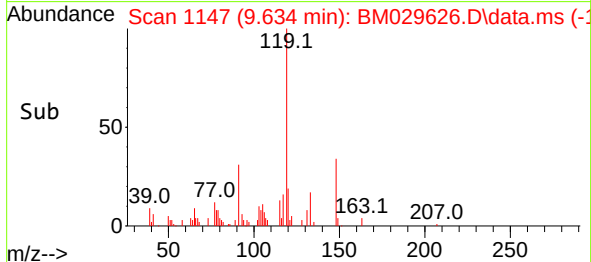
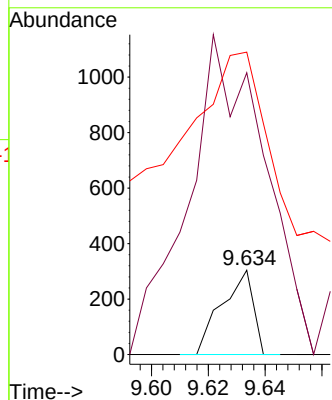
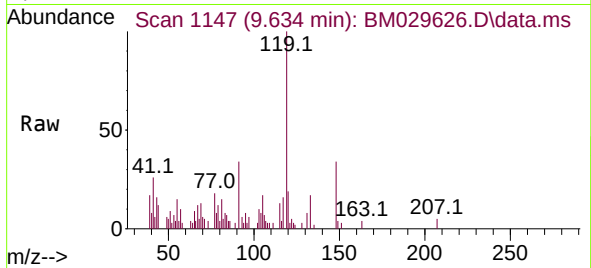




#32
Benzoic acid
Concen: 7.26 ng
RT: 9.634 min Scan# 1147
Delta R.T. -0.112 min
Lab File: BM029626.D
Acq: 23 Apr 2021 23:09

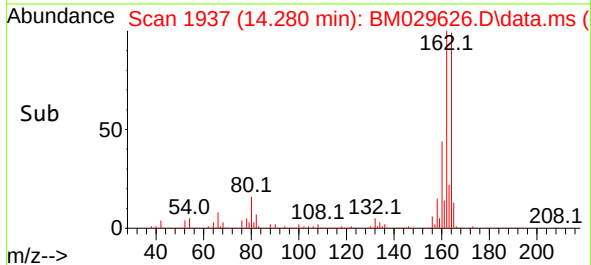
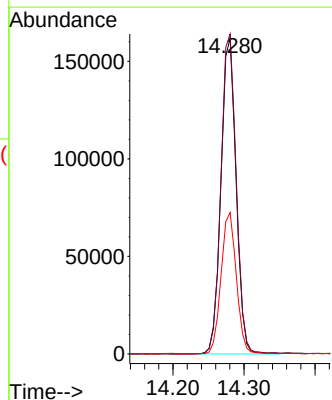
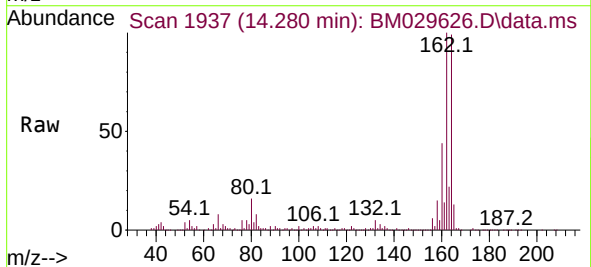
Instrument :
BNA_M
ClientSampleId :
EO-04-042221

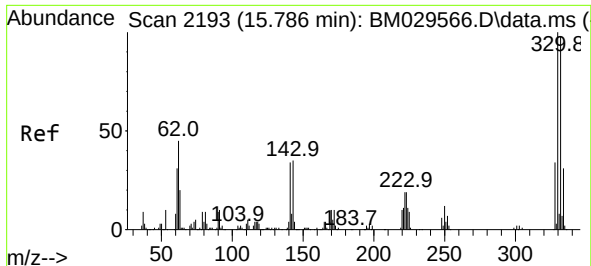
Tgt Ion:122 Resp: 235
Ion Ratio Lower Upper
122 100
105 334.2 107.3 147.3#
77 358.6 88.0 128.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.280 min Scan# 1937
Delta R.T. -0.000 min
Lab File: BM029626.D
Acq: 23 Apr 2021 23:09

Tgt Ion:164 Resp: 238472
Ion Ratio Lower Upper
164 100
162 101.3 83.4 125.0
160 44.8 37.2 55.8

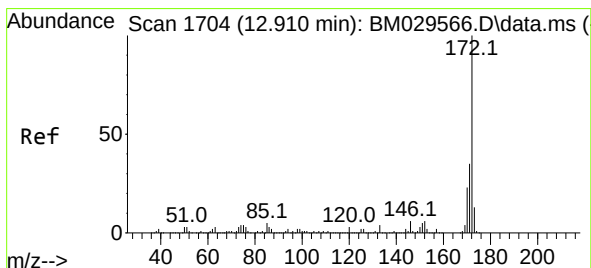
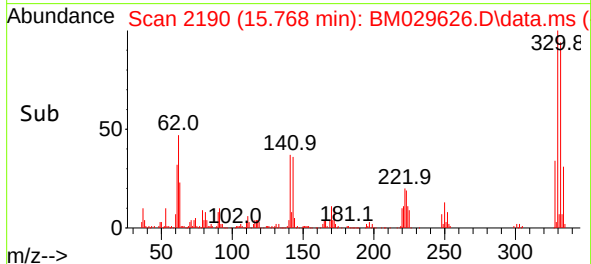
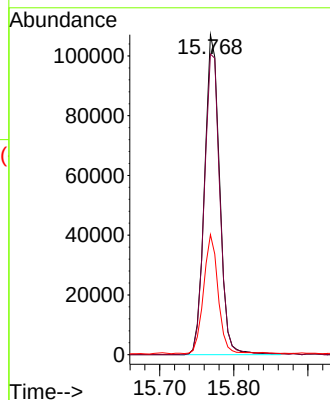
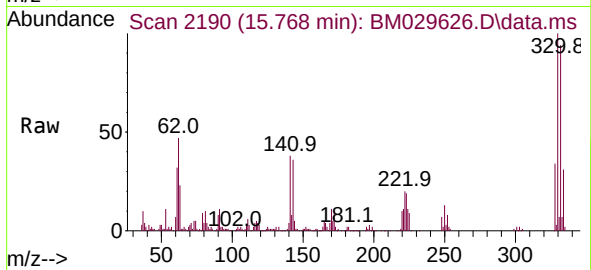




#42
2,4,6-Tribromophenol
Concen: 45.98 ng
RT: 15.768 min Scan# 2190
Delta R.T. -0.000 min
Lab File: BM029626.D
Acq: 23 Apr 2021 23:09

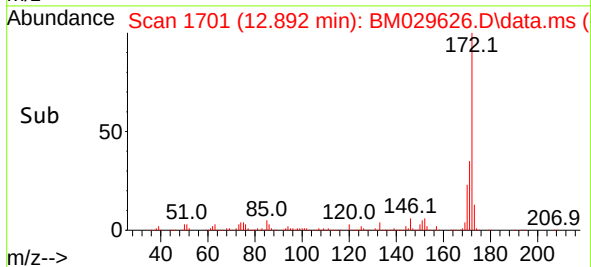
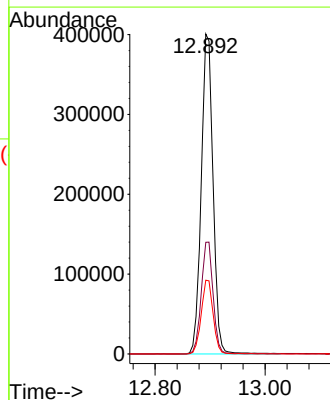
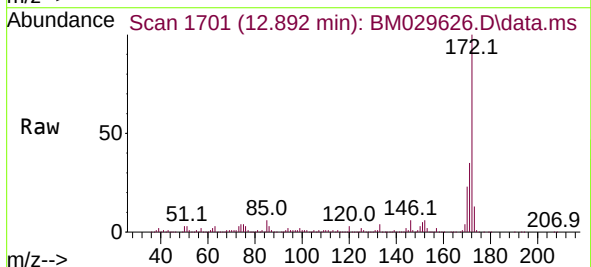
Instrument :
BNA_M
ClientSampled :
EO-04-042221

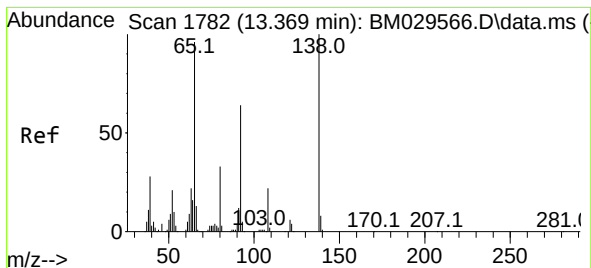
Tgt Ion:330 Resp: 151629
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.4
141 35.8 30.2 45.2



#45
2-Fluorobiphenyl
Concen: 34.10 ng
RT: 12.892 min Scan# 1701
Delta R.T. -0.006 min
Lab File: BM029626.D
Acq: 23 Apr 2021 23:09

Tgt Ion:172 Resp: 599063
Ion Ratio Lower Upper
172 100
171 34.9 28.6 43.0
170 23.0 18.4 27.6

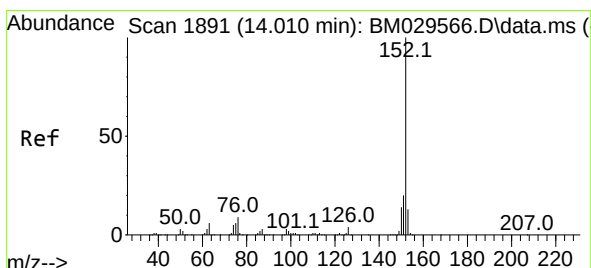
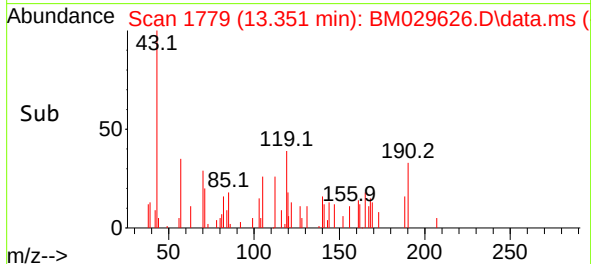
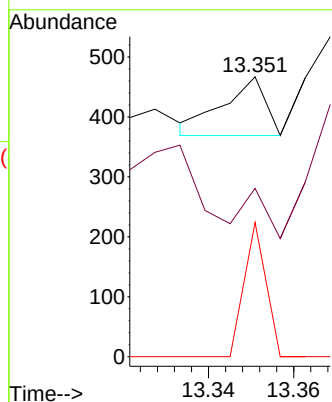
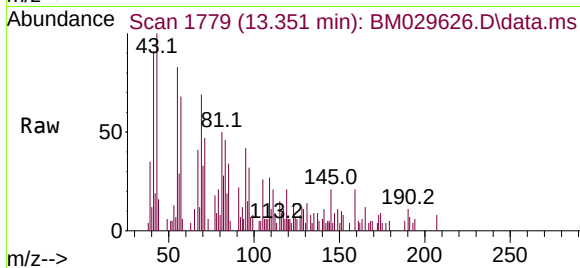




#48
2-Nitroaniline
Concen: 2.88 ng
RT: 13.351 min Scan# 1779
Delta R.T. -0.006 min
Lab File: BM029626.D
Acq: 23 Apr 2021 23:09

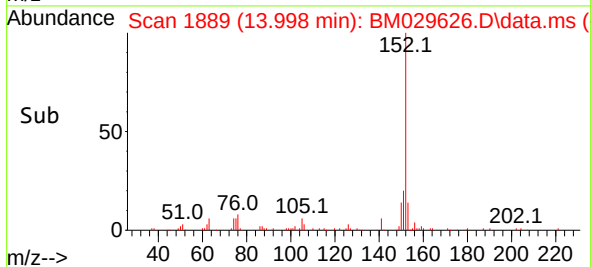
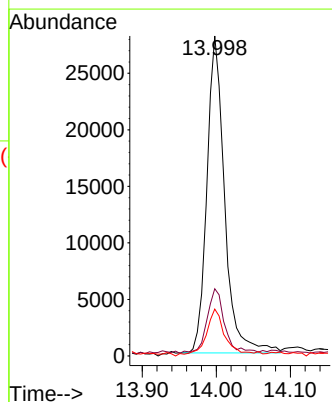
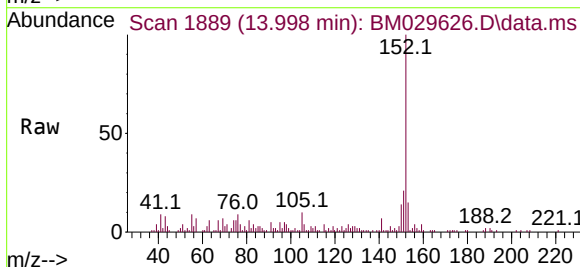
Instrument :
BNA_M
ClientSampled :
EO-04-042221

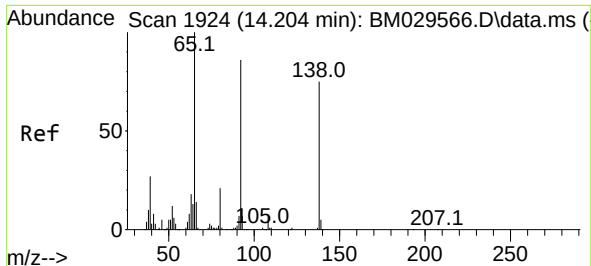
Tgt Ion: 65 Resp: 67
Ion Ratio Lower Upper
65 100
92 60.2 55.5 83.3
138 48.0 85.7 128.5#



#49
Acenaphthylene
Concen: 2.18 ng
RT: 13.998 min Scan# 1889
Delta R.T. -0.000 min
Lab File: BM029626.D
Acq: 23 Apr 2021 23:09

Tgt Ion: 152 Resp: 46712
Ion Ratio Lower Upper
152 100
151 21.0 16.3 24.5
153 14.7 10.2 15.4

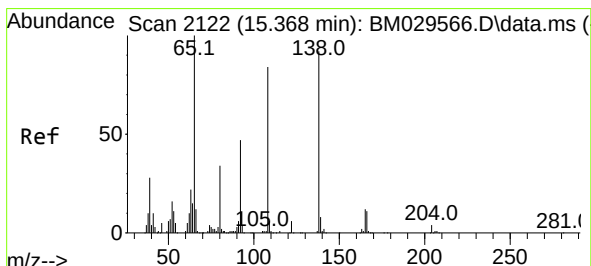
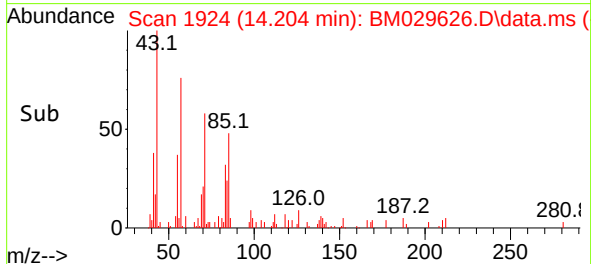
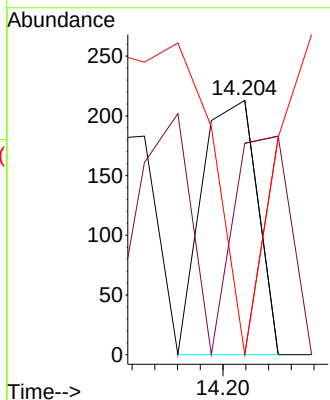
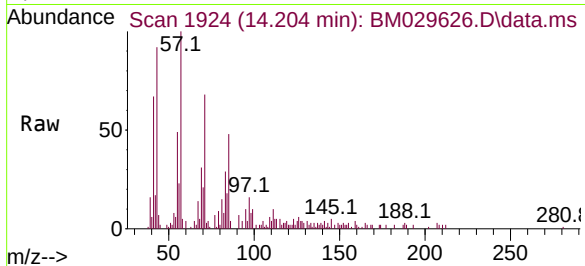




#53
3-Nitroaniline
Concen: 3.02 ng
RT: 14.204 min Scan# 1924
Delta R.T. 0.012 min
Lab File: BM029626.D
Acq: 23 Apr 2021 23:09

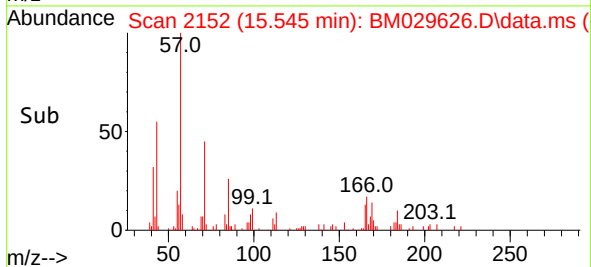
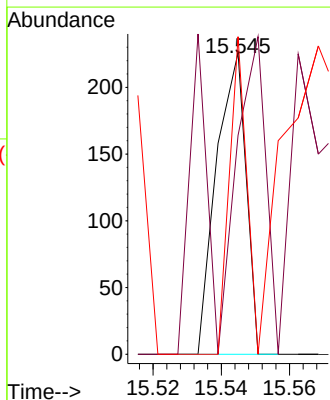
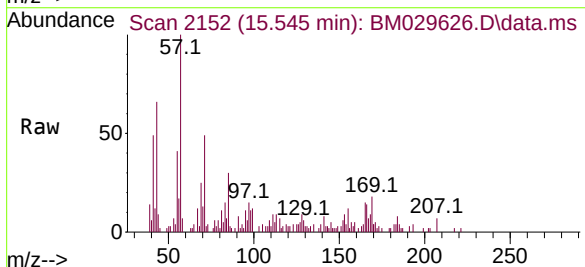
Instrument :
BNA_M
ClientSampleId :
EO-04-042221

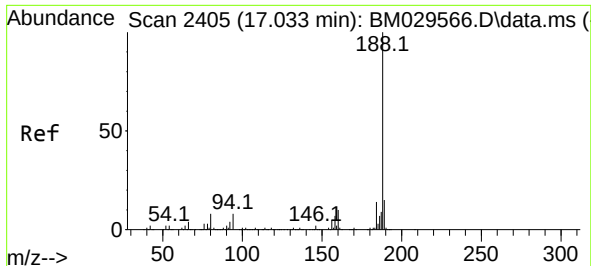
Tgt Ion:138 Resp: 144
Ion Ratio Lower Upper
138 100
108 83.1 7.7 11.5#
92 0.0 92.6 138.8#



#62
4-Nitroaniline
Concen: 3.49 ng
RT: 15.545 min Scan# 2152
Delta R.T. 0.188 min
Lab File: BM029626.D
Acq: 23 Apr 2021 23:09

Tgt Ion:138 Resp: 135
Ion Ratio Lower Upper
138 100
92 72.6 33.4 73.4
108 105.3 75.5 115.5

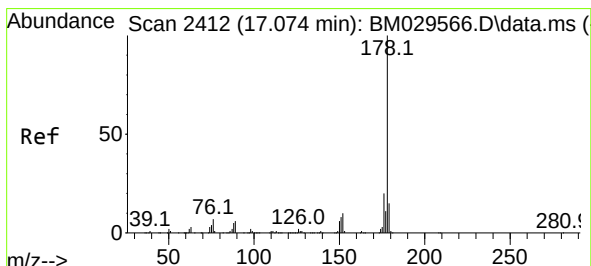
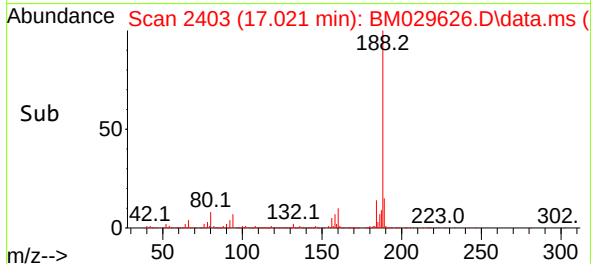
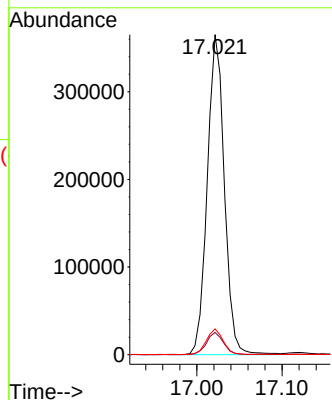
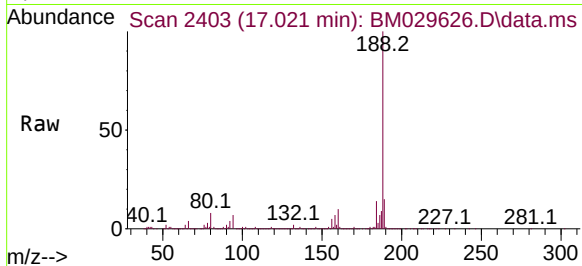




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.021 min Scan# 2403
Delta R.T. -0.000 min
Lab File: BM029626.D
Acq: 23 Apr 2021 23:09

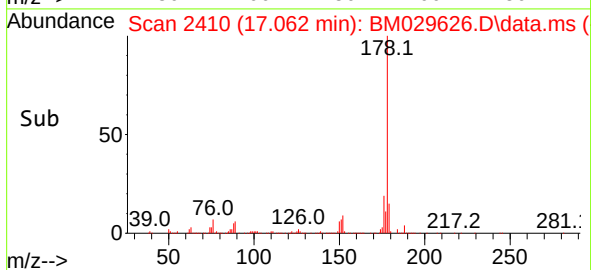
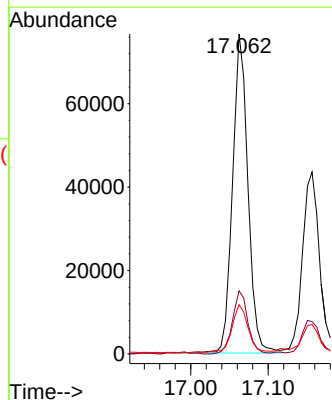
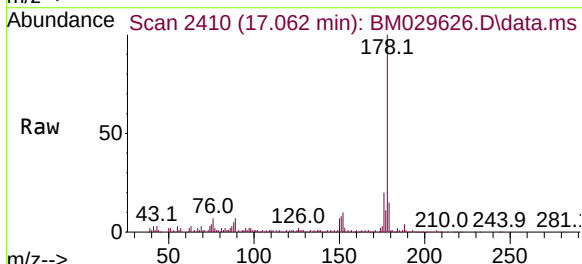
Instrument :
BNA_M
ClientSampleId :
EO-04-042221

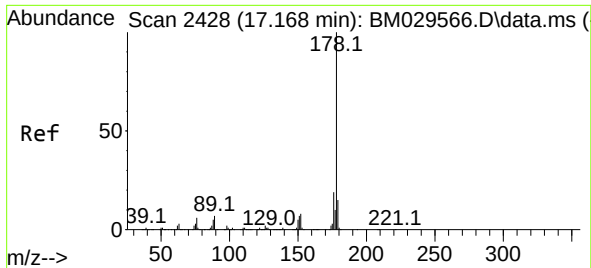
Tgt Ion:188 Resp: 508952
Ion Ratio Lower Upper
188 100
94 7.0 6.0 9.0
80 8.1 6.6 9.8



#71
Phenanthrene
Concen: 3.60 ng
RT: 17.062 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BM029626.D
Acq: 23 Apr 2021 23:09

Tgt Ion:178 Resp: 105452
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.0
179 15.4 12.2 18.4

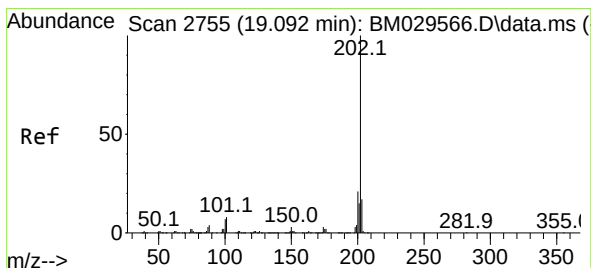
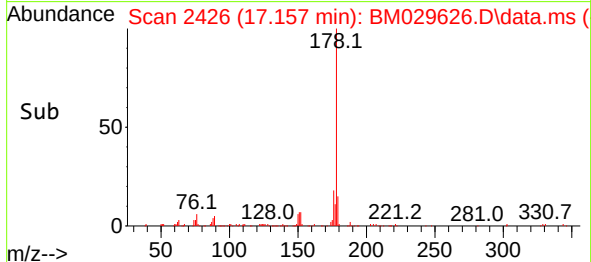
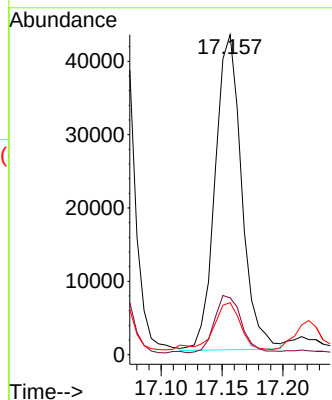
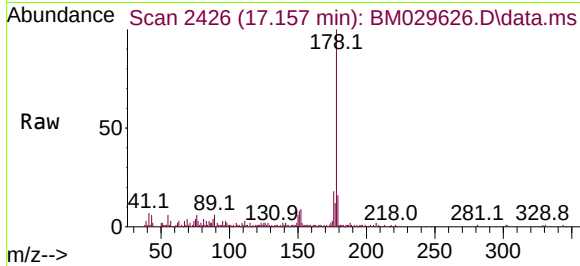




#72
 Anthracene
 Concen: 2.25 ng
 RT: 17.157 min Scan# 2426
 Delta R.T. -0.000 min
 Lab File: BM029626.D
 Acq: 23 Apr 2021 23:09

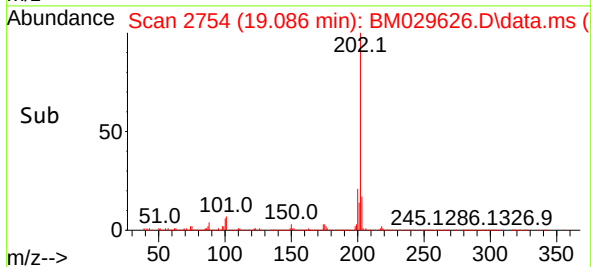
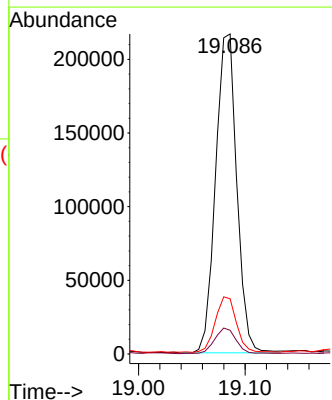
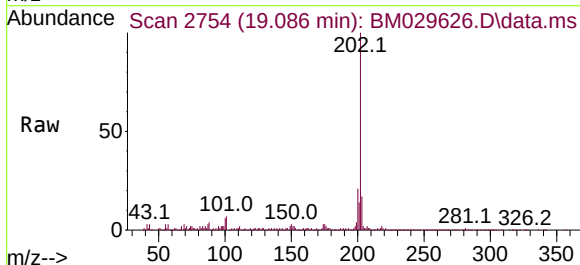
Instrument :
 BNA_M
 ClientSampleId :
 EO-04-042221

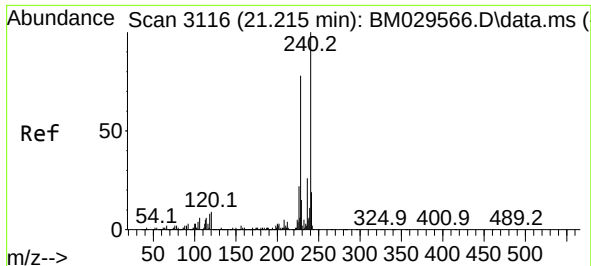
Tgt Ion:178 Resp: 65020
 Ion Ratio Lower Upper
 178 100
 176 17.7 15.0 22.4
 179 16.2 12.5 18.7



#75
 Fluoranthene
 Concen: 8.40 ng
 RT: 19.086 min Scan# 2754
 Delta R.T. 0.006 min
 Lab File: BM029626.D
 Acq: 23 Apr 2021 23:09

Tgt Ion:202 Resp: 298555
 Ion Ratio Lower Upper
 202 100
 101 7.4 0.0 28.6
 203 17.2 0.0 37.3

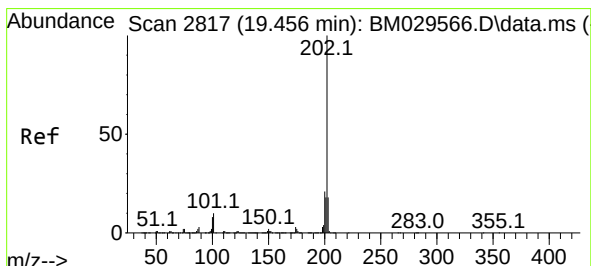
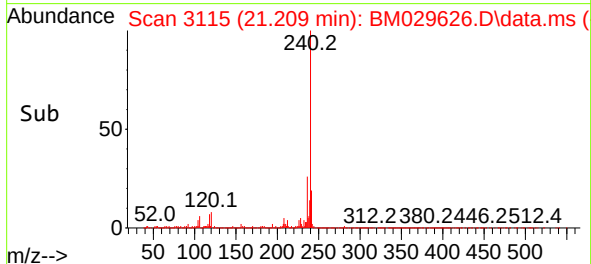
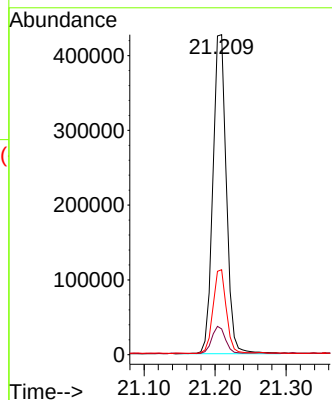
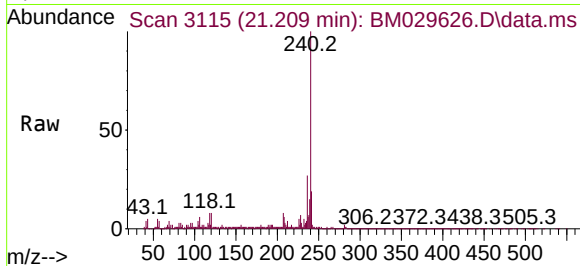




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.209 min Scan# 3115
Delta R.T. 0.006 min
Lab File: BM029626.D
Acq: 23 Apr 2021 23:09

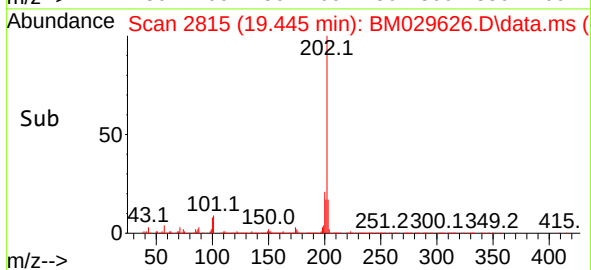
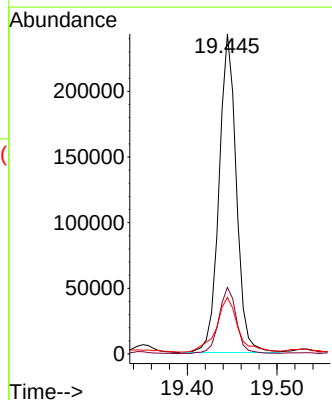
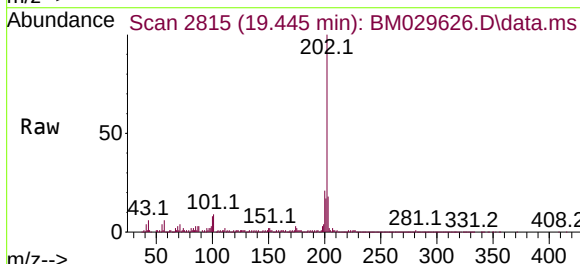
Instrument :
BNA_M
ClientSampleId :
EO-04-042221

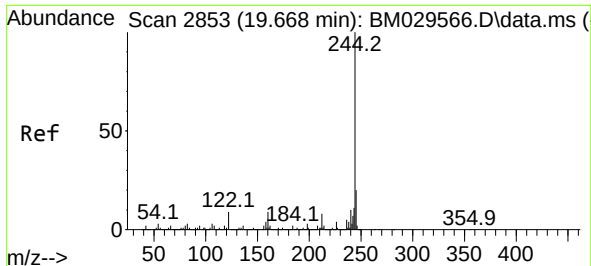
Tgt Ion:240 Resp: 561658
Ion Ratio Lower Upper
240 100
120 8.1 7.0 10.6
236 26.5 21.0 31.4



#78
Pyrene
Concen: 8.99 ng
RT: 19.445 min Scan# 2815
Delta R.T. -0.000 min
Lab File: BM029626.D
Acq: 23 Apr 2021 23:09

Tgt Ion:202 Resp: 325010
Ion Ratio Lower Upper
202 100
200 20.8 17.3 25.9
203 17.7 13.9 20.9

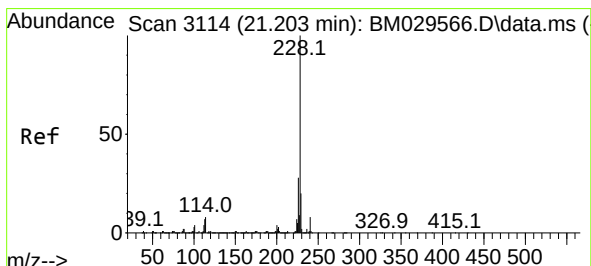
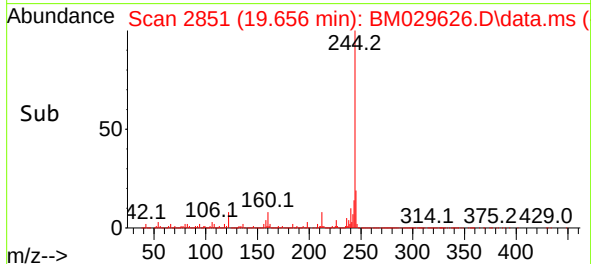
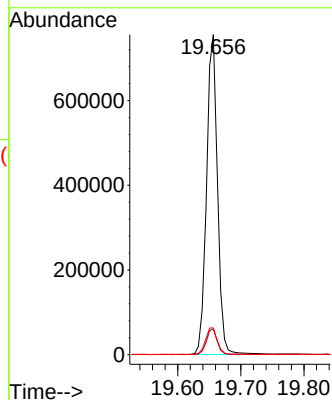
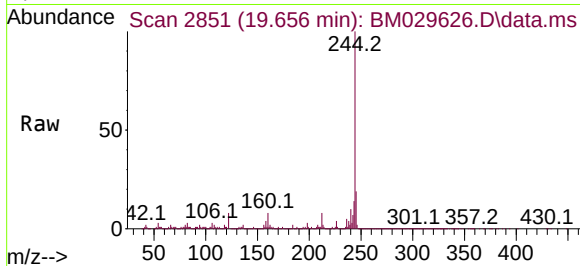




#79
 Terphenyl-d14
 Concen: 30.79 ng
 RT: 19.656 min Scan# 2851
 Delta R.T. -0.000 min
 Lab File: BM029626.D
 Acq: 23 Apr 2021 23:09

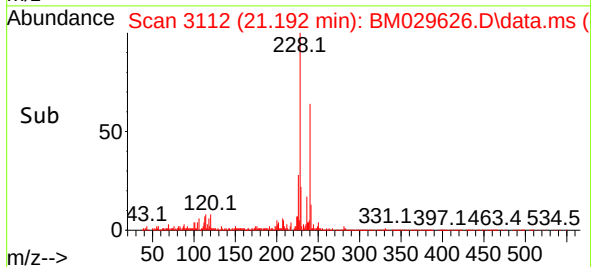
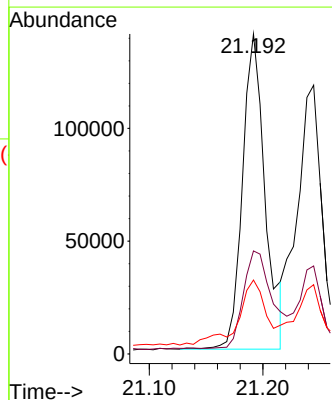
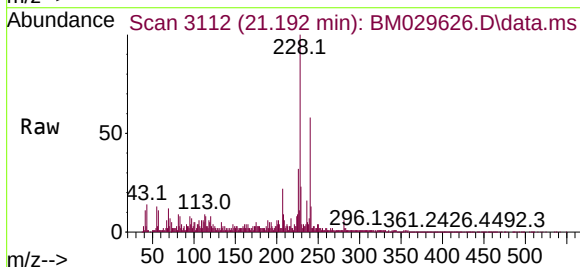
Instrument :
 BNA_M
 ClientSampleId :
 EO-04-042221

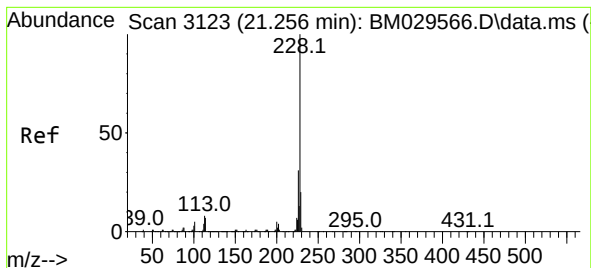
Tgt Ion:244 Resp: 912253
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.3 9.5
 122 8.4 6.9 10.3



#81
 Benzo(a)anthracene
 Concen: 5.21 ng
 RT: 21.192 min Scan# 3112
 Delta R.T. -0.000 min
 Lab File: BM029626.D
 Acq: 23 Apr 2021 23:09

Tgt Ion:228 Resp: 193490
 Ion Ratio Lower Upper
 228 100
 226 32.2 22.3 33.5
 229 23.1 15.7 23.5





#83

Chrysene

Concen: 5.30 ng

RT: 21.192 min Scan# 3112

Delta R.T. -0.053 min

Lab File: BM029626.D

Acq: 23 Apr 2021 23:09

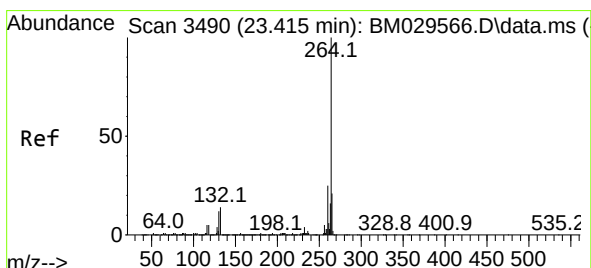
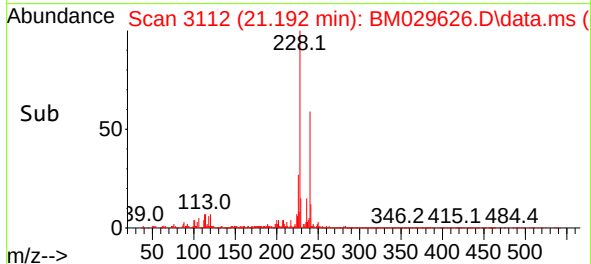
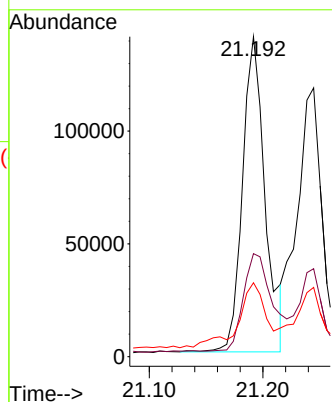
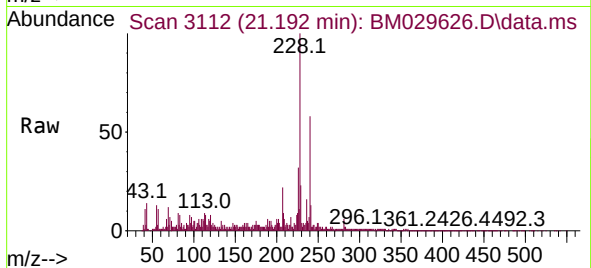
Tgt Ion:	228	Resp:	193490
Ion Ratio	Lower	Upper	
228	100		
226	32.2	24.6	36.8
229	23.1	15.5	23.3

Instrument :

BNA_M

ClientSampleId :

EO-04-042221



#86

Perylene-d12

Concen: 20.00 ng

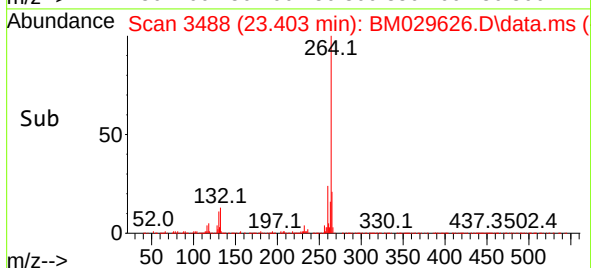
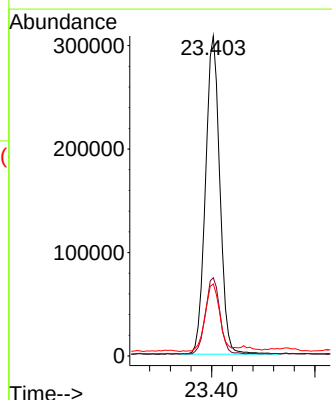
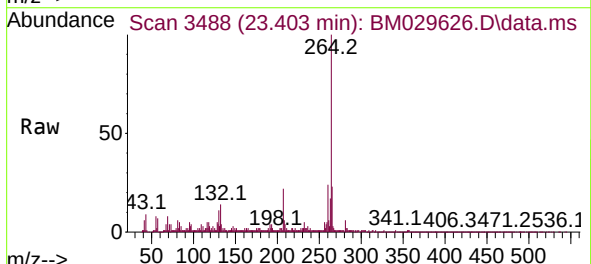
RT: 23.403 min Scan# 3488

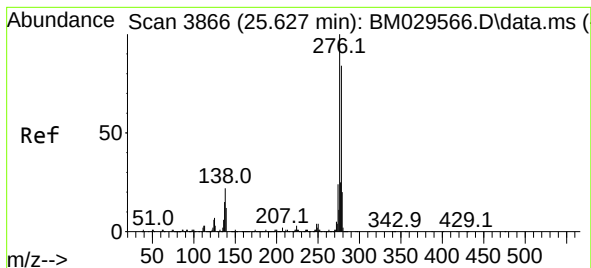
Delta R.T. 0.012 min

Lab File: BM029626.D

Acq: 23 Apr 2021 23:09

Tgt Ion:	264	Resp:	592319
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.8	29.8
265	22.5	17.7	26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.83 ng

RT: 25.603 min Scan# 3862

Delta R.T. 0.006 min

Lab File: BM029626.D

Acq: 23 Apr 2021 23:09

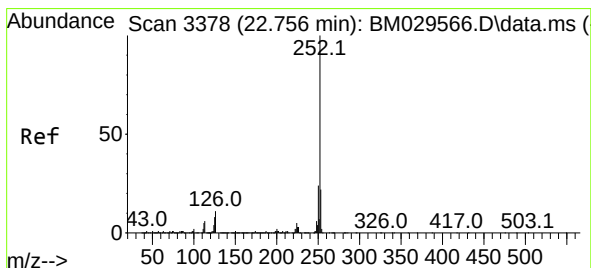
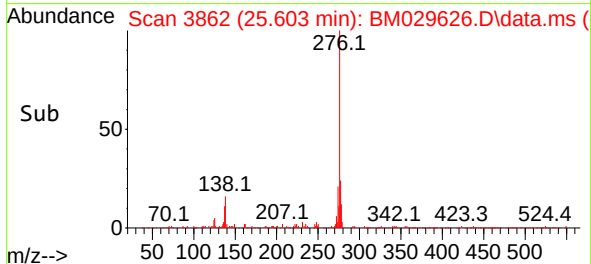
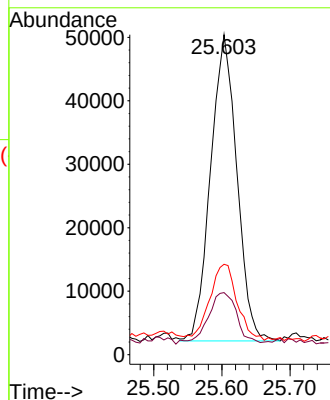
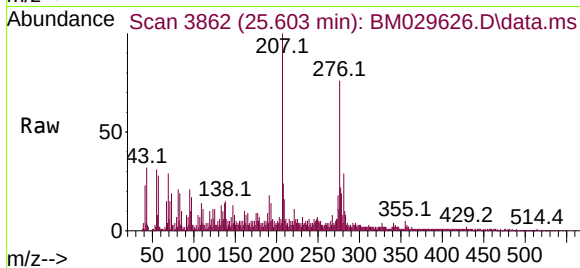
Tgt Ion:	276	Resp:	129406
Ion Ratio	Lower	Upper	
276	100		
138	18.7	17.1	25.7
277	25.4	20.3	30.5

Instrument :

BNA_M

ClientSampleId :

EO-04-042221



#88

Benzo(b)fluoranthene

Concen: 6.63 ng

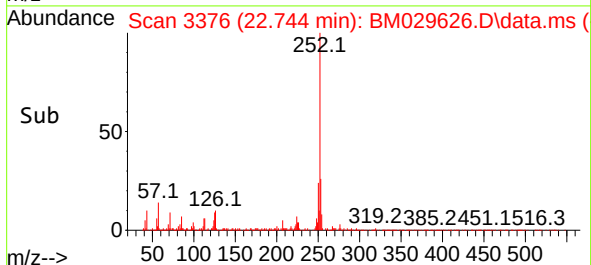
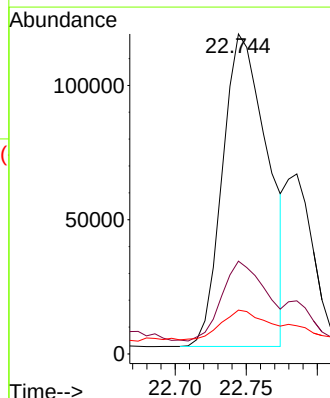
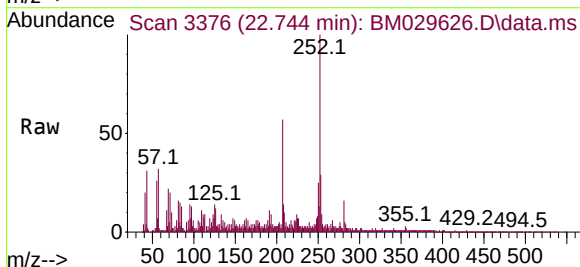
RT: 22.744 min Scan# 3376

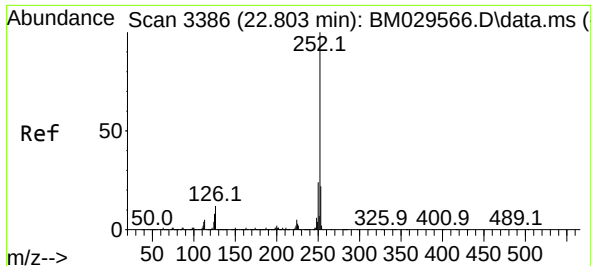
Delta R.T. 0.006 min

Lab File: BM029626.D

Acq: 23 Apr 2021 23:09

Tgt Ion:	252	Resp:	256128
Ion Ratio	Lower	Upper	
252	100		
253	29.0	17.4	26.0#
125	13.7	6.8	10.2#

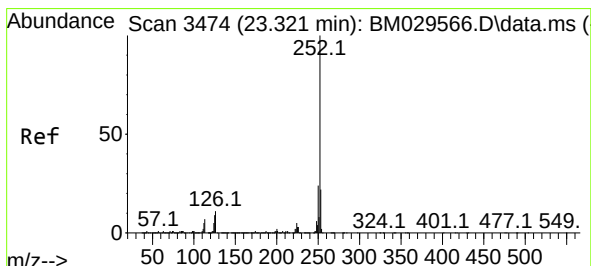
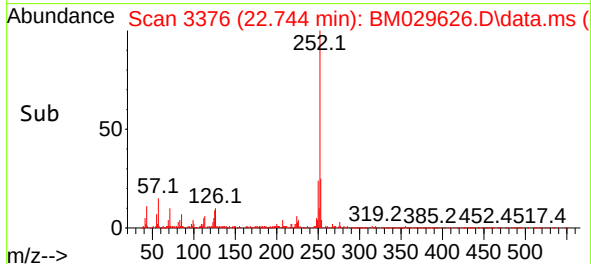
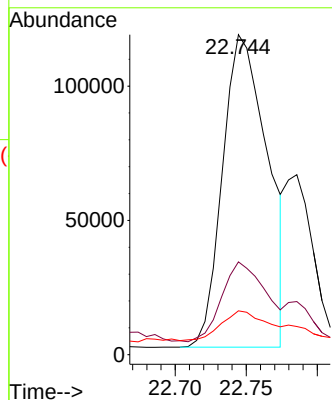
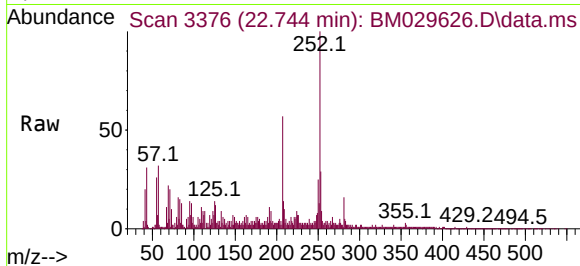




#89
Benzo(k)fluoranthene
Concen: 6.62 ng
RT: 22.744 min Scan# 3376
Delta R.T. -0.041 min
Lab File: BM029626.D
Acq: 23 Apr 2021 23:09

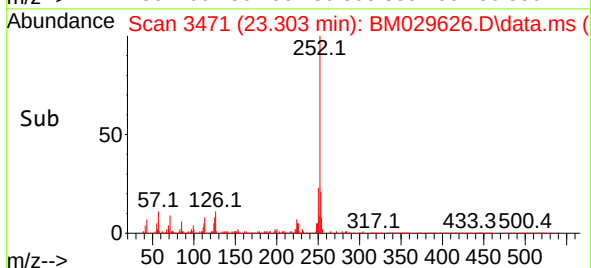
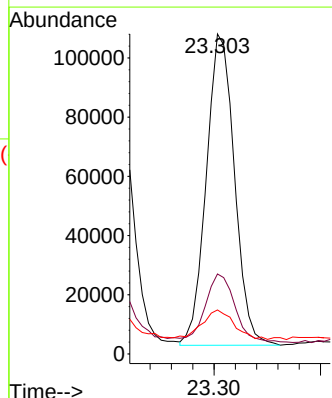
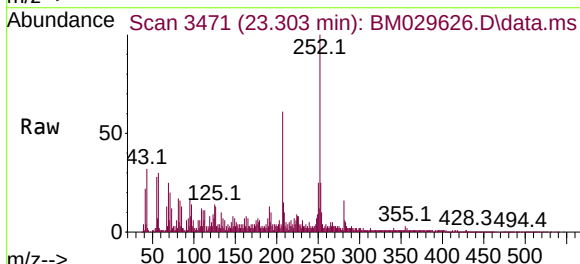
Instrument :
BNA_M
ClientSampleId :
EO-04-042221

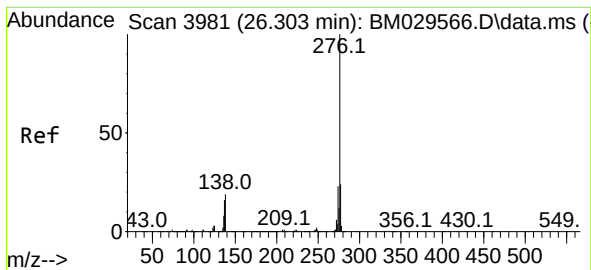
Tgt Ion:252 Resp: 256128
Ion Ratio Lower Upper
252 100
253 29.0 17.4 26.2#
125 13.7 6.2 9.2#



#90
Benzo(a)pyrene
Concen: 5.33 ng
RT: 23.303 min Scan# 3471
Delta R.T. 0.006 min
Lab File: BM029626.D
Acq: 23 Apr 2021 23:09

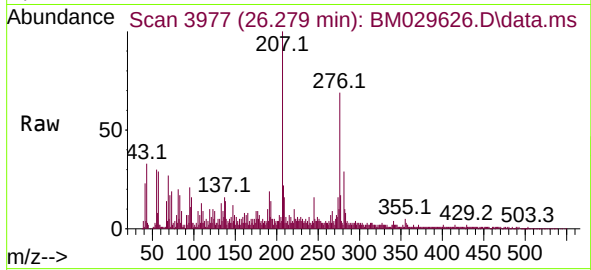
Tgt Ion:252 Resp: 193381
Ion Ratio Lower Upper
252 100
253 25.0 17.7 26.5
125 13.8 7.3 10.9#





#92
Benzo(g,h,i)perylene
Concen: 3.66 ng
RT: 26.279 min Scan# 3977
Delta R.T. 0.012 min
Lab File: BM029626.D
Acq: 23 Apr 2021 23:09

Instrument :
BNA_M
ClientSampleId :
EO-04-042221



Tgt Ion: 276 Resp: 133787

Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.4	29.2
138	20.8	14.4	21.6

