

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121720\
 Data File : BM028155.D
 Acq On : 17 Dec 2020 23:34
 Operator : JU/CG
 Sample : L5036-09 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-8

Quant Time: Dec 18 00:23:18 2020
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 16 01:58:38 2020
 Response via : Initial Calibration

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

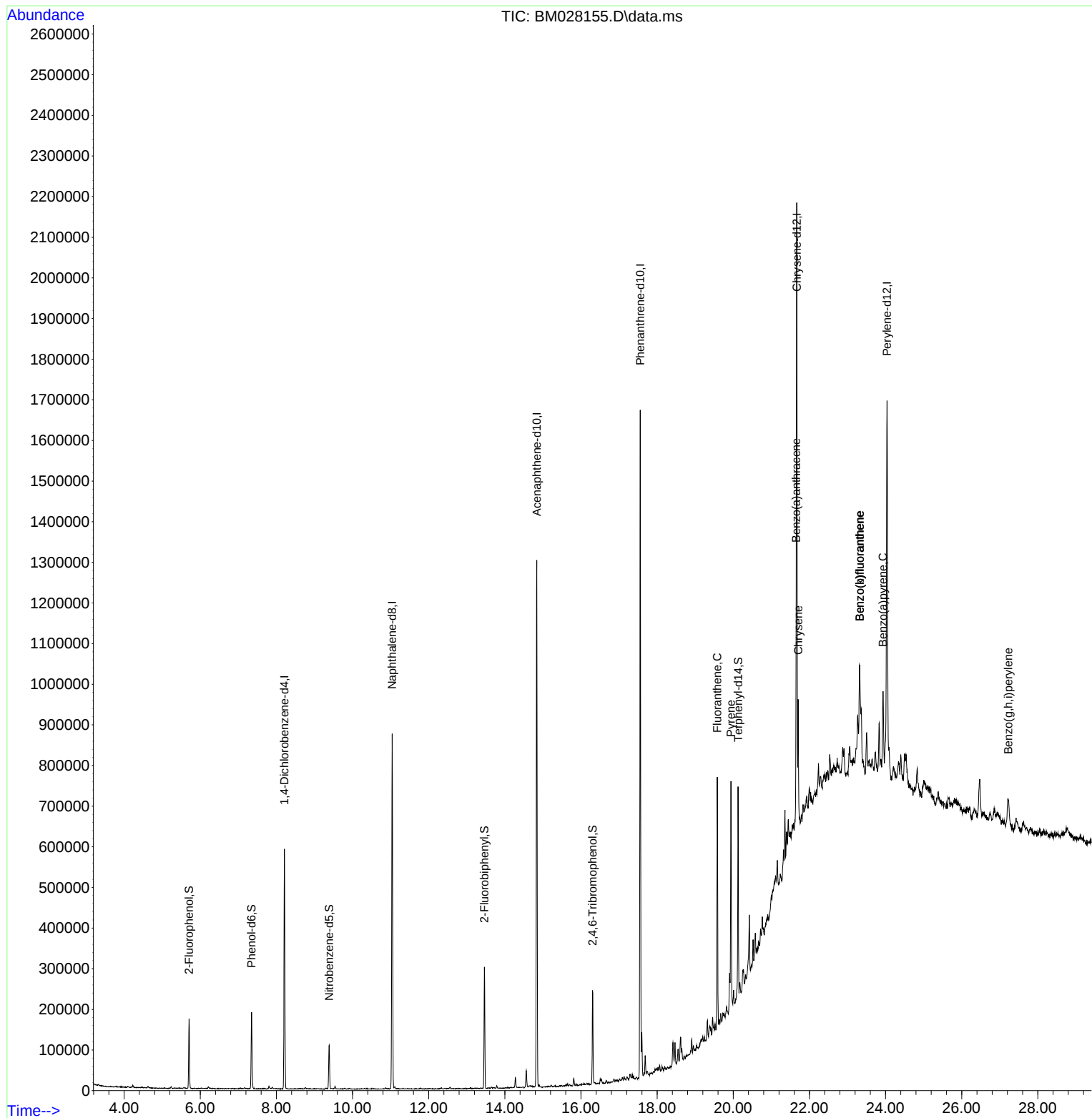
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.210	152	154469	20.00	ng	0.00
21) Naphthalene-d8	11.039	136	677697	20.00	ng	# 0.00
39) Acenaphthene-d10	14.839	164	416302	20.00	ng	0.00
64) Phenanthrene-d10	17.556	188	899585	20.00	ng	# 0.00
76) Chrysene-d12	21.668	240	665197	20.00	ng	# 0.00
86) Perylene-d12	24.038	264	644298	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.704	112	71235	7.60	ng	0.00
7) Phenol-d6	7.345	99	99392	7.43	ng	-0.01
23) Nitrobenzene-d5	9.386	82	58503	4.28	ng	-0.01
42) 2,4,6-Tribromophenol	16.304	330	38029	6.88	ng	-0.01
45) 2-Fluorobiphenyl	13.463	172	144230	4.50	ng	-0.01
79) Terphenyl-d14	20.127	244	199706	5.45	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.580	202	333172	5.45	ng	96
78) Pyrene	19.939	202	315508	6.55	ng	99
81) Benzo(a)anthracene	21.650	228	179455	3.96	ng	97
83) Chrysene	21.703	228	153281	3.49	ng	97
88) Benzo(b)fluoranthene	23.321	252	198833	4.53	ng	# 87
89) Benzo(k)fluoranthene	23.321	252	198833	4.66	ng	# 87
90) Benzo(a)pyrene	23.932	252	134934	3.43	ng	# 88
92) Benzo(g,h,i)perylene	27.221	276	79275	2.32	ng	# 80

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

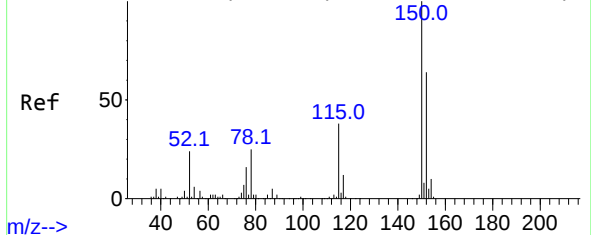
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121720\
Data File : BM028155.D
Acq On : 17 Dec 2020 23:34
Operator : JU/CG
Sample : L5036-09 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-8

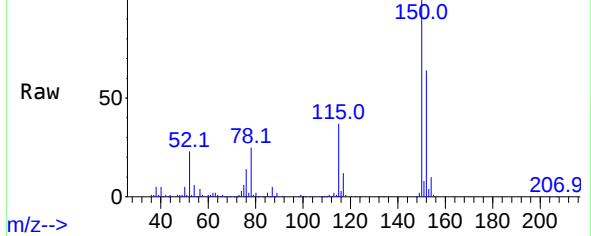
Quant Time: Dec 18 00:23:18 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 16 01:58:38 2020
Response via : Initial Calibration



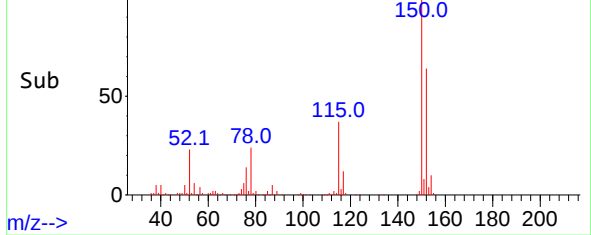
Abundance Scan 855 (8.216 min): BM028132.D\data.ms (-84



m/z--> Scan 854 (8.210 min): BM028155.D\data.ms

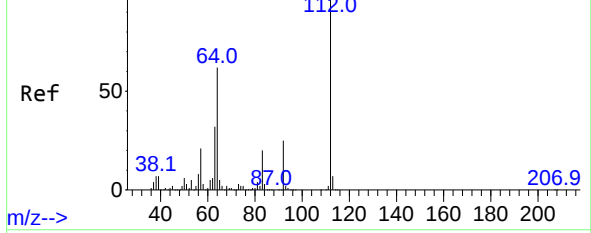


Abundance Scan 854 (8.210 min): BM028155.D\data.ms (-83

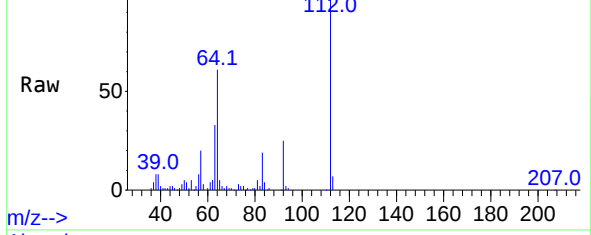


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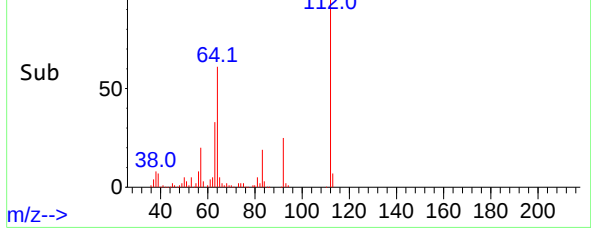
Abundance Scan 429 (5.711 min): BM028132.D\data.ms (-42



m/z--> Scan 428 (5.704 min): BM028155.D\data.ms



Abundance Scan 428 (5.704 min): BM028155.D\data.ms (-37

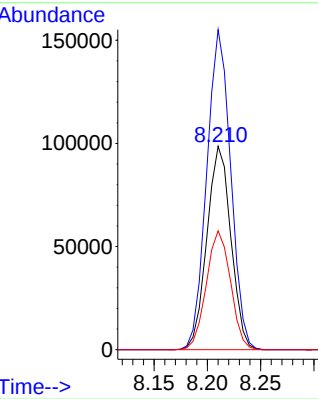


m/z-->

#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.210 min Scan# 854
Delta R.T. -0.006 min
Lab File: BM028155.D
Acq: 17 Dec 2020 23:34

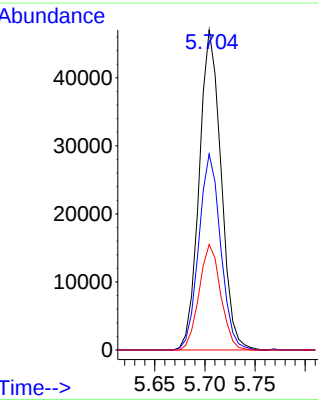
Tgt Ion:152 Resp: 154469
Ion Ratio Lower Upper
152 100
150 157.4 120.6 181.0
115 58.5 47.2 70.8

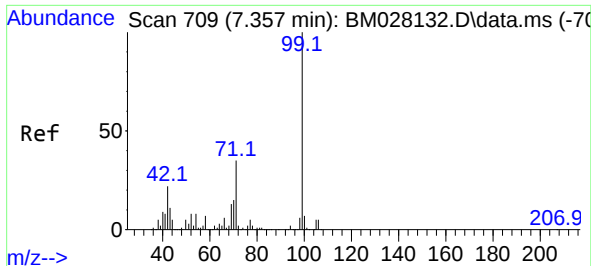


#5

2-Fluorophenol
Concen: 7.60 ng
RT: 5.704 min Scan# 428
Delta R.T. -0.007 min
Lab File: BM028155.D
Acq: 17 Dec 2020 23:34

Tgt Ion:112 Resp: 71235
Ion Ratio Lower Upper
112 100
64 61.3 50.6 76.0
63 32.9 31.0 46.6

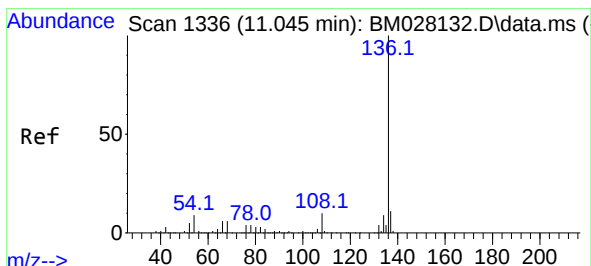
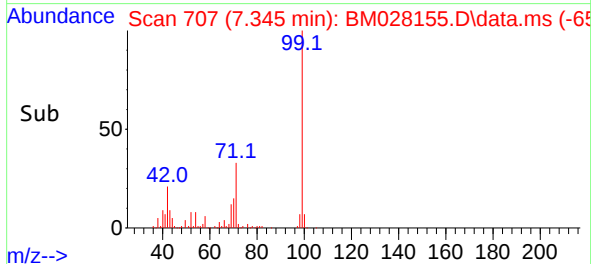
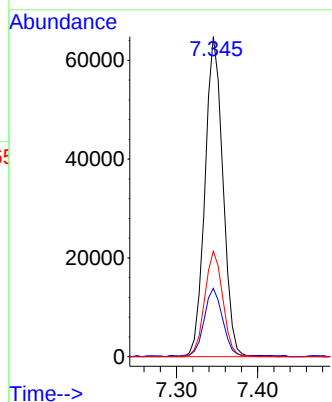
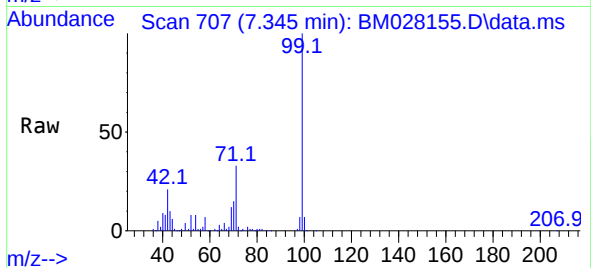




#7
Phenol-d6
Concen: 7.43 ng
RT: 7.345 min Scan# 707
Delta R.T. -0.012 min
Lab File: BM028155.D
Acq: 17 Dec 2020 23:34

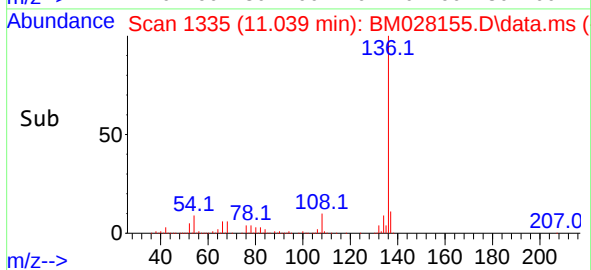
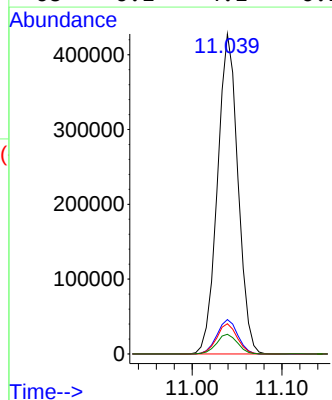
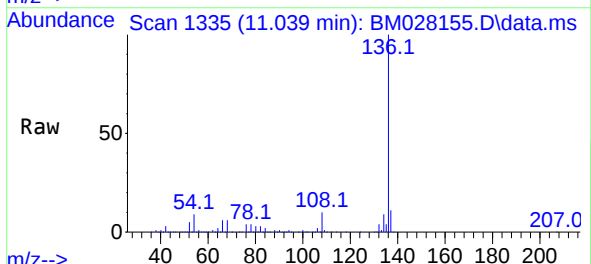
Instrument :
BNA_M
ClientSampled :
B-8

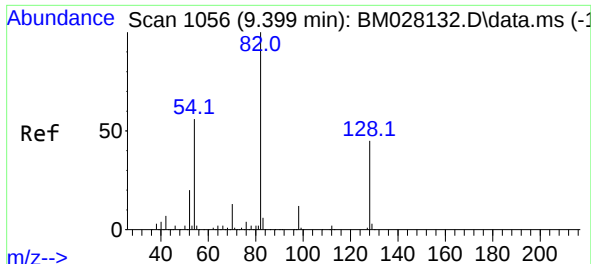
Tgt Ion:	99	Resp:	99392
Ion	Ratio	Lower	Upper
99	100		
42	21.3	13.5	20.3#
71	33.0	39.4	59.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.039 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BM028155.D
Acq: 17 Dec 2020 23:34

Tgt Ion:	136	Resp:	677697
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	9.4	4.6	7.0#
68	6.1	4.1	6.1#

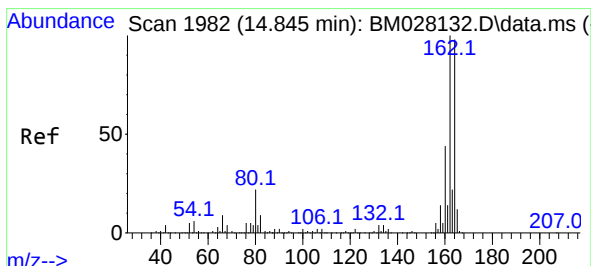
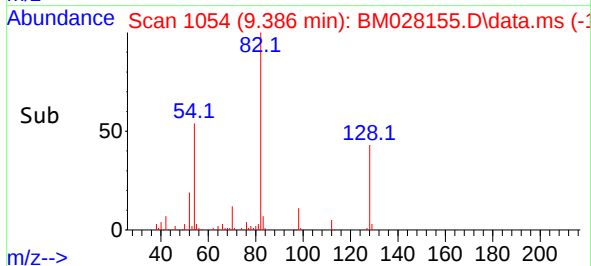
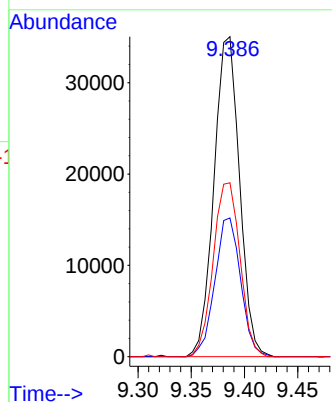
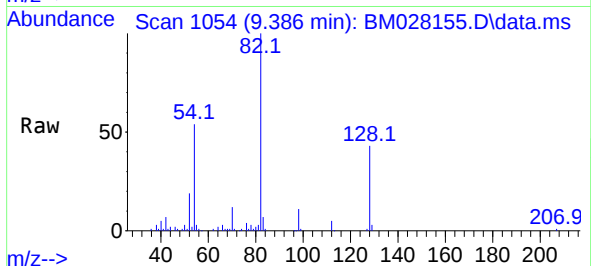




#23
Nitrobenzene-d5
Concen: 4.28 ng
RT: 9.386 min Scan# 1054
Delta R.T. -0.013 min
Lab File: BM028155.D
Acq: 17 Dec 2020 23:34

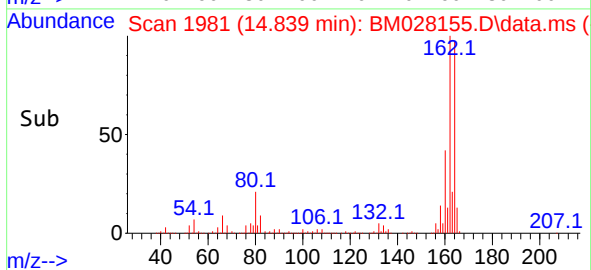
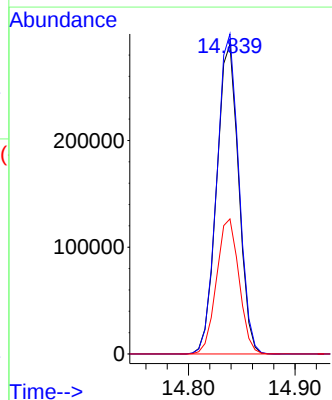
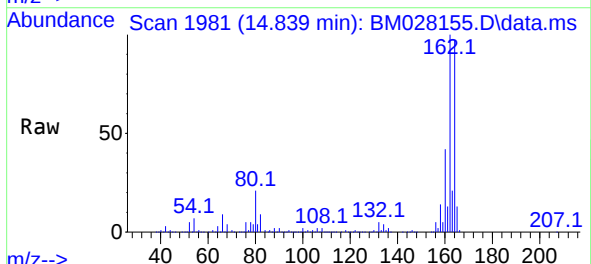
Instrument :
BNA_M
ClientSampled :
B-8

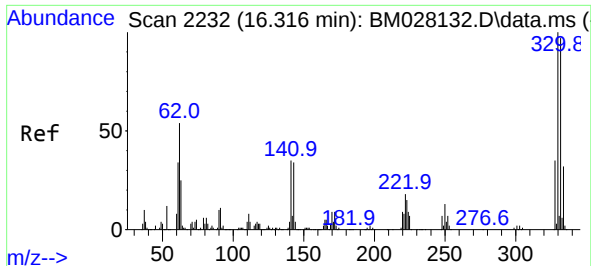
Tgt Ion: 82 Resp: 58503
Ion Ratio Lower Upper
82 100
128 43.3 27.4 41.0#
54 54.3 31.4 47.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.839 min Scan# 1981
Delta R.T. -0.006 min
Lab File: BM028155.D
Acq: 17 Dec 2020 23:34

Tgt Ion:164 Resp: 416302
Ion Ratio Lower Upper
164 100
162 103.4 80.4 120.6
160 43.6 35.9 53.9

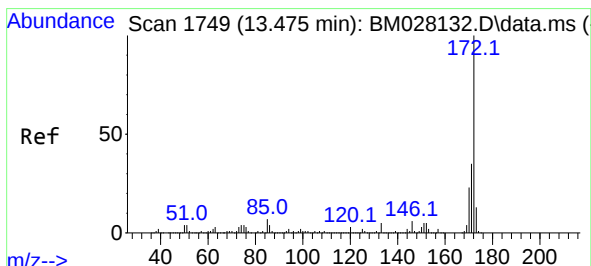
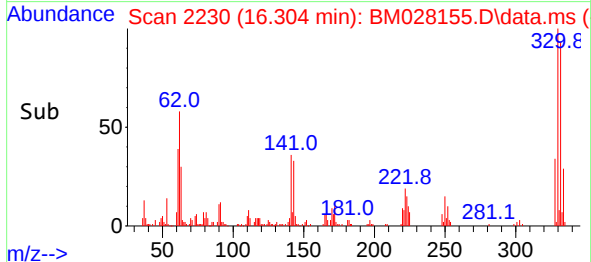
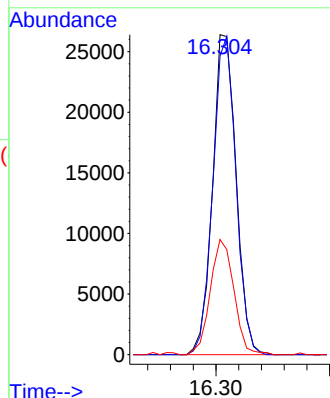
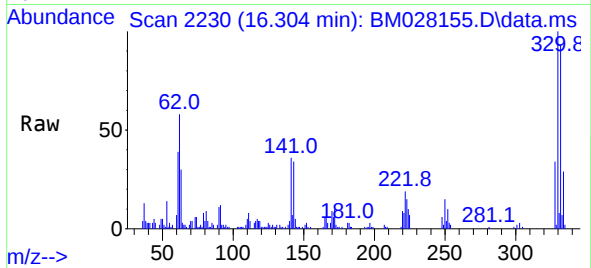




#42
2,4,6-Tribromophenol
Concen: 6.88 ng
RT: 16.304 min Scan# 2230
Delta R.T. -0.012 min
Lab File: BM028155.D
Acq: 17 Dec 2020 23:34

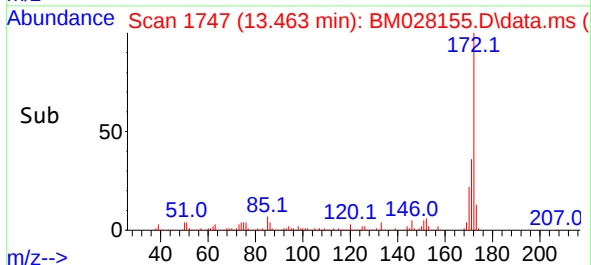
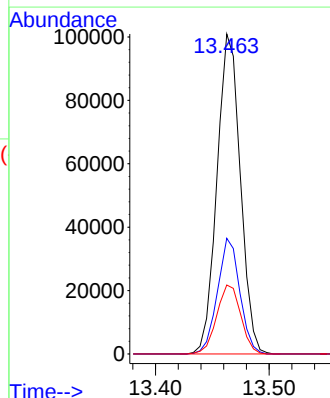
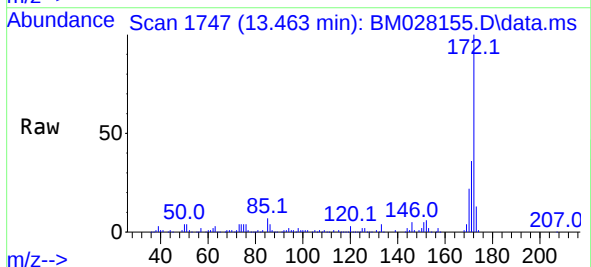
Instrument :
BNA_M
ClientSampled :
B-8

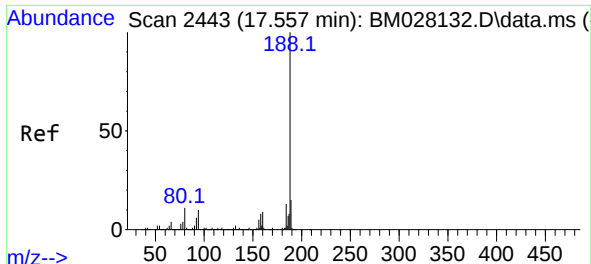
Tgt Ion:330 Resp: 38029
Ion Ratio Lower Upper
330 100
332 97.2 77.8 116.8
141 36.2 28.4 42.6



#45
2-Fluorobiphenyl
Concen: 4.50 ng
RT: 13.463 min Scan# 1747
Delta R.T. -0.012 min
Lab File: BM028155.D
Acq: 17 Dec 2020 23:34

Tgt Ion:172 Resp: 144230
Ion Ratio Lower Upper
172 100
171 36.2 27.8 41.8
170 21.6 18.6 27.8

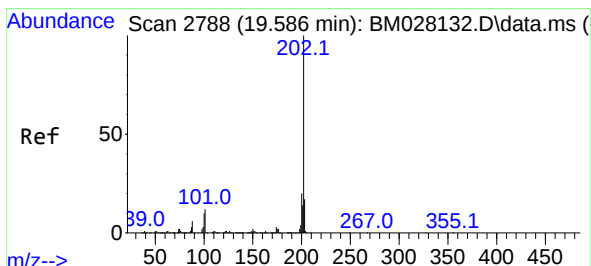
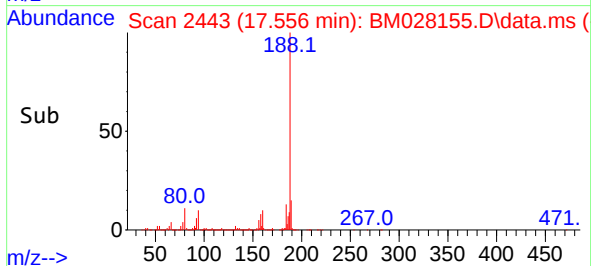
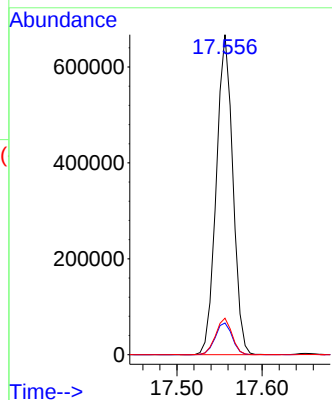
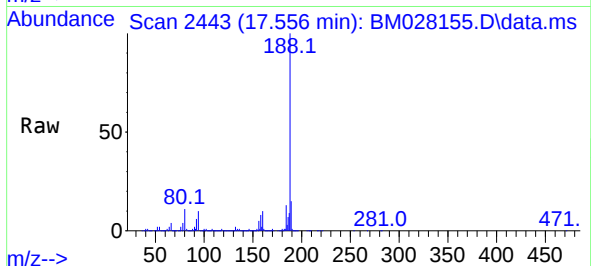




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.556 min Scan# 2443
Delta R.T. -0.000 min
Lab File: BM028155.D
Acq: 17 Dec 2020 23:34

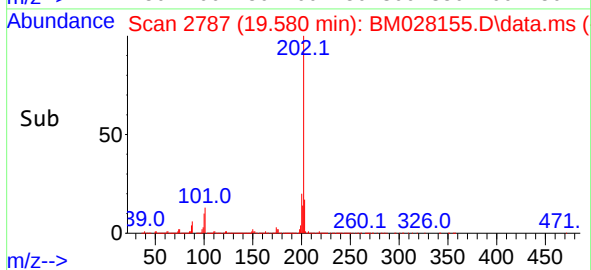
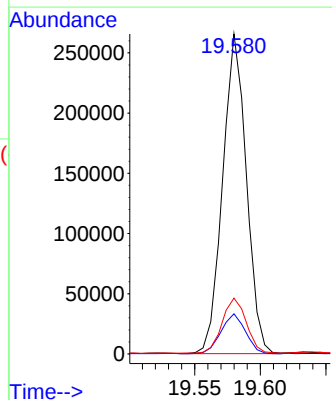
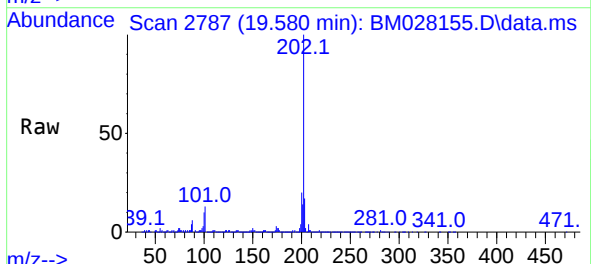
Instrument :
BNA_M
ClientSampled :
B-8

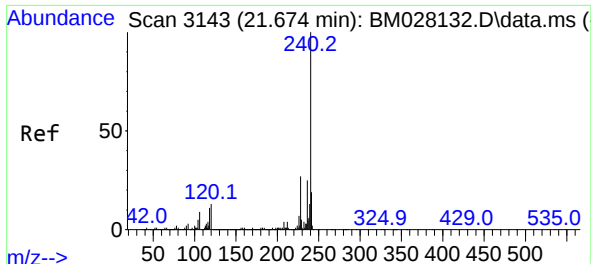
Tgt Ion:188 Resp: 899585
Ion Ratio Lower Upper
188 100
94 9.9 6.2 9.4#
80 11.4 7.5 11.3#



#75
Fluoranthene
Concen: 5.45 ng
RT: 19.580 min Scan# 2787
Delta R.T. -0.006 min
Lab File: BM028155.D
Acq: 17 Dec 2020 23:34

Tgt Ion:202 Resp: 333172
Ion Ratio Lower Upper
202 100
101 12.5 0.0 28.5
203 17.4 0.0 37.3

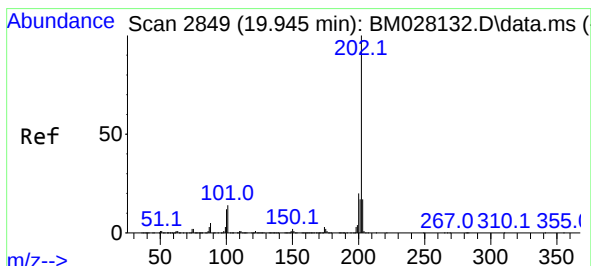
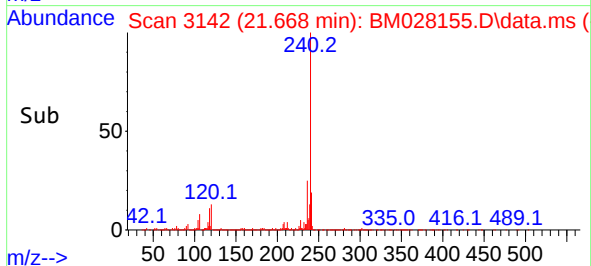
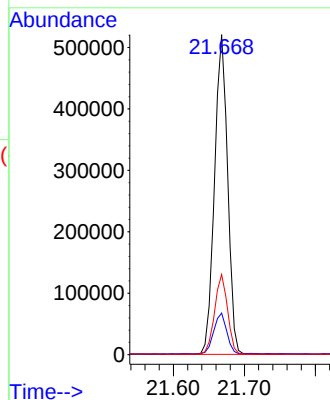
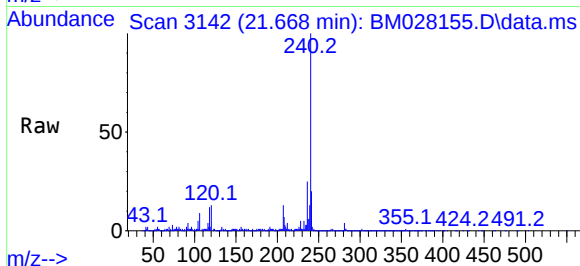




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.668 min Scan# 3142
Delta R.T. -0.006 min
Lab File: BM028155.D
Acq: 17 Dec 2020 23:34

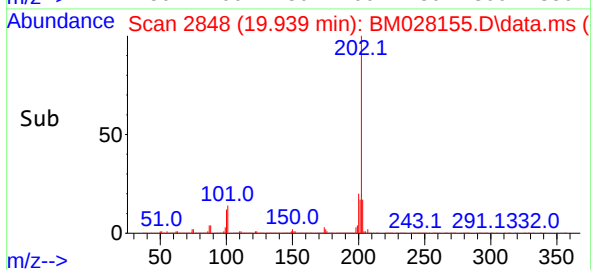
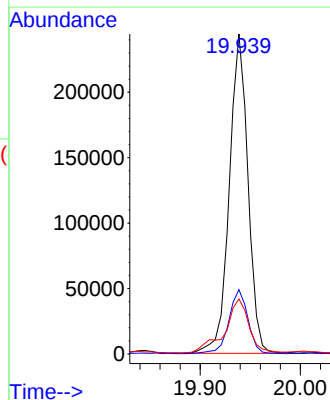
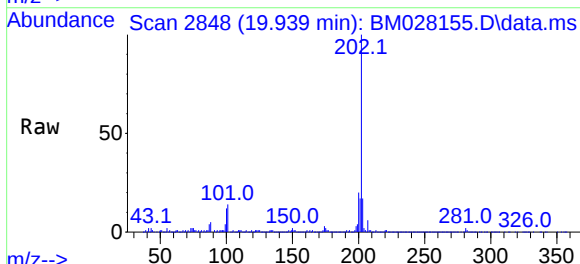
Instrument :
BNA_M
ClientSampled :
B-8

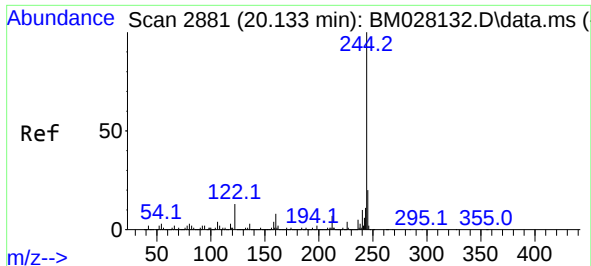
Tgt Ion:240 Resp: 665197
Ion Ratio Lower Upper
240 100
120 13.0 6.4 9.6#
236 25.0 20.1 30.1



#78
Pyrene
Concen: 6.55 ng
RT: 19.939 min Scan# 2848
Delta R.T. -0.006 min
Lab File: BM028155.D
Acq: 17 Dec 2020 23:34

Tgt Ion:202 Resp: 315508
Ion Ratio Lower Upper
202 100
200 20.1 16.6 24.8
203 17.2 13.8 20.6

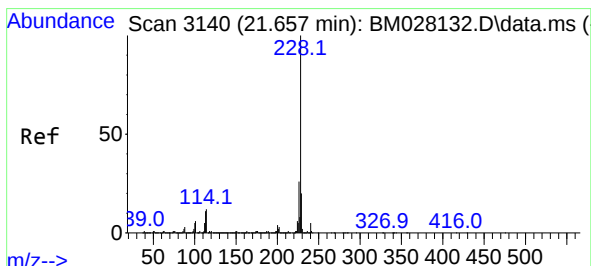
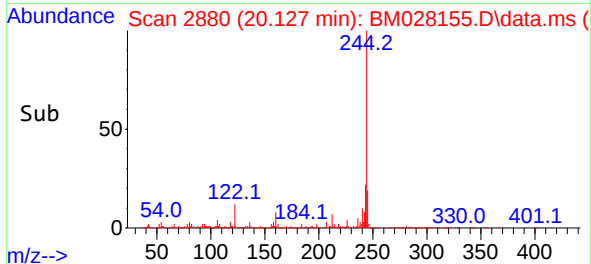
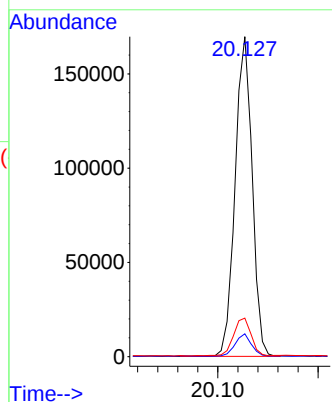
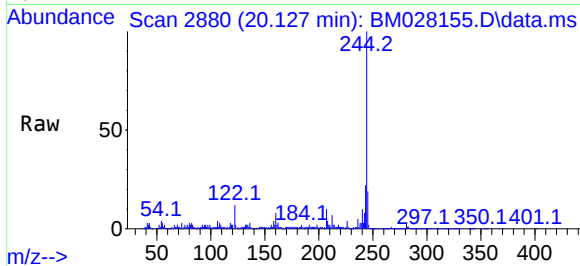




#79
 Terphenyl-d14
 Concen: 5.45 ng
 RT: 20.127 min Scan# 2880
 Delta R.T. -0.006 min
 Lab File: BM028155.D
 Acq: 17 Dec 2020 23:34

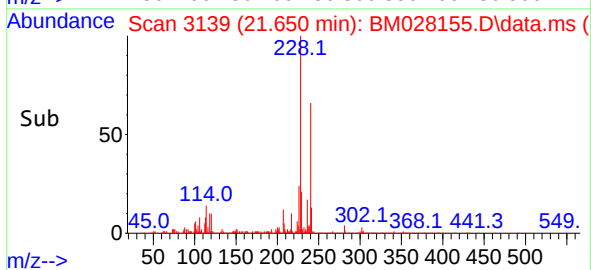
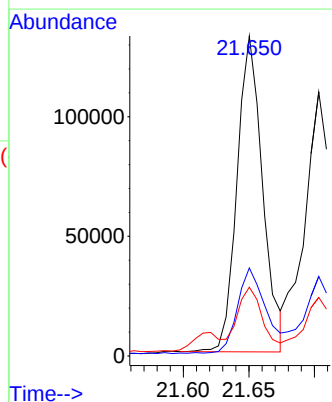
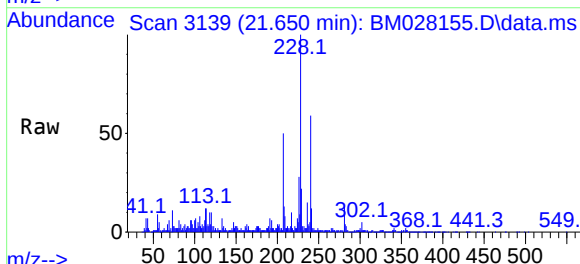
Instrument :
 BNA_M
 ClientSampled :
 B-8

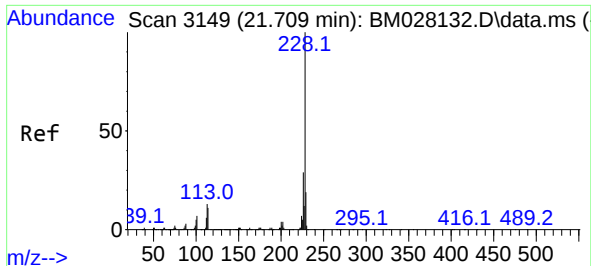
Tgt Ion:244 Resp: 199706
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 12.1 6.5 9.7#



#81
 Benzo(a)anthracene
 Concen: 3.96 ng
 RT: 21.650 min Scan# 3139
 Delta R.T. -0.006 min
 Lab File: BM028155.D
 Acq: 17 Dec 2020 23:34

Tgt Ion:228 Resp: 179455
 Ion Ratio Lower Upper
 228 100
 226 27.5 21.1 31.7
 229 21.5 15.7 23.5

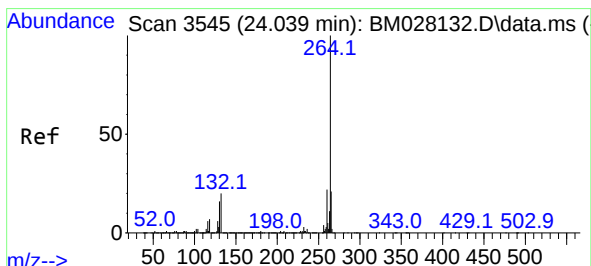
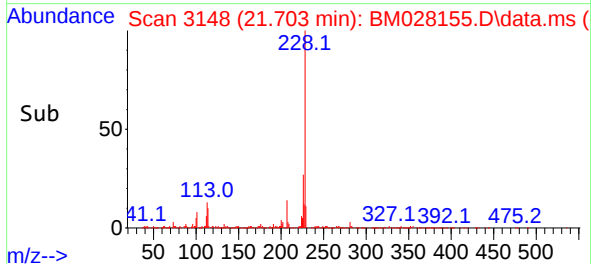
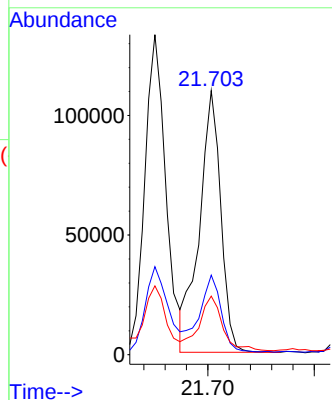
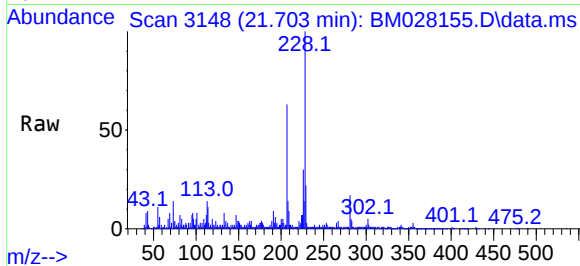




#83
Chrysene
Concen: 3.49 ng
RT: 21.703 min Scan# 3148
Delta R.T. -0.006 min
Lab File: BM028155.D
Acq: 17 Dec 2020 23:34

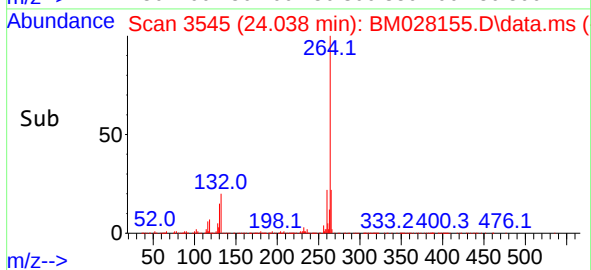
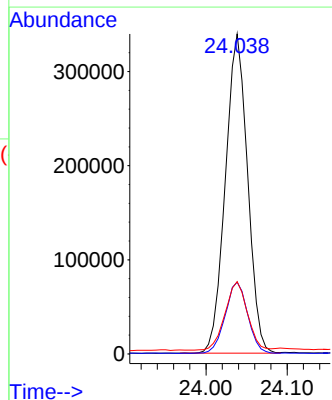
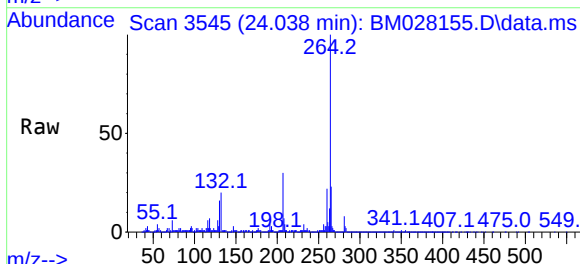
Instrument :
BNA_M
ClientSampled :
B-8

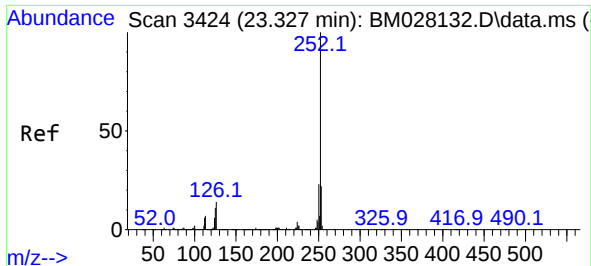
Tgt	Ion:228	Resp:	153281
Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.4	35.0
229	22.2	15.7	23.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.038 min Scan# 3545
Delta R.T. -0.000 min
Lab File: BM028155.D
Acq: 17 Dec 2020 23:34

Tgt	Ion:264	Resp:	644298
Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.0	28.4
265	22.6	17.7	26.5

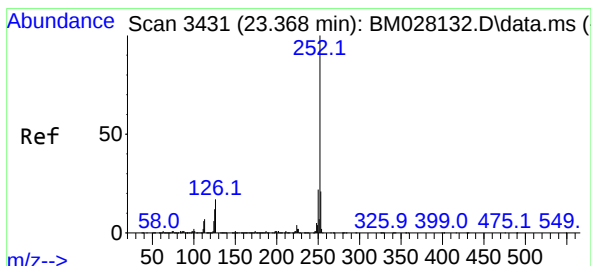
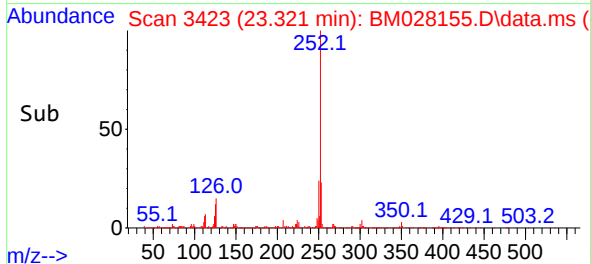
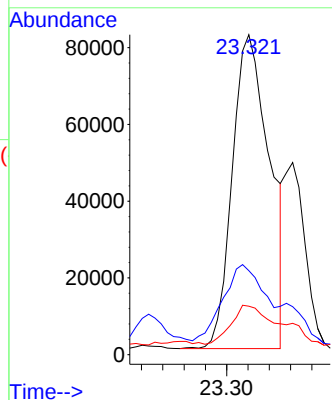
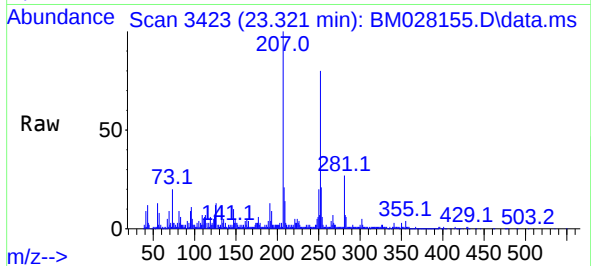




#88
Benzo(b)fluoranthene
Concen: 4.53 ng
RT: 23.321 min Scan# 3423
Delta R.T. -0.006 min
Lab File: BM028155.D
Acq: 17 Dec 2020 23:34

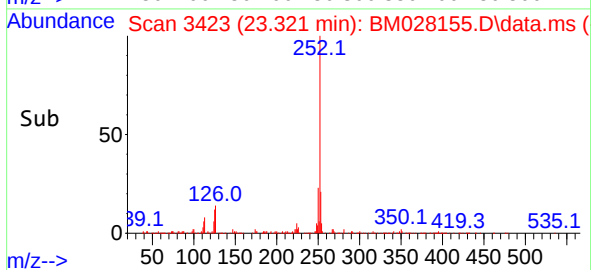
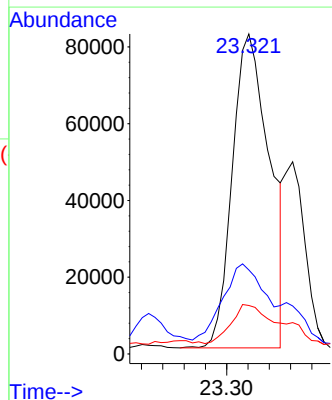
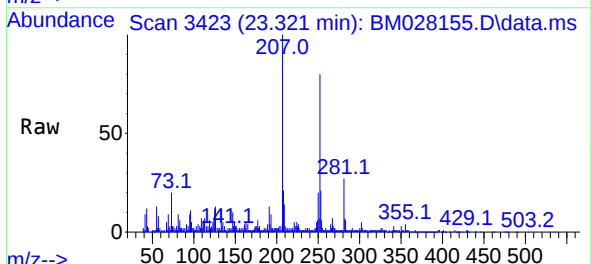
Instrument :
BNA_M
ClientSampled :
B-8

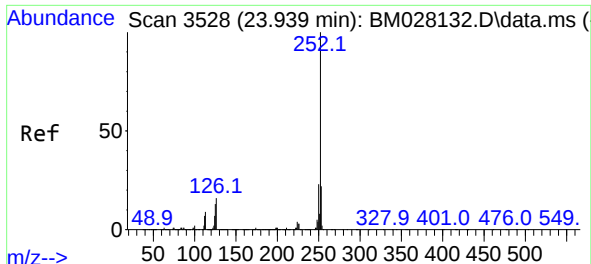
Tgt Ion:252 Resp: 198833
Ion Ratio Lower Upper
252 100
253 26.2 17.4 26.0#
125 15.2 5.7 8.5#



#89
Benzo(k)fluoranthene
Concen: 4.66 ng
RT: 23.321 min Scan# 3423
Delta R.T. -0.047 min
Lab File: BM028155.D
Acq: 17 Dec 2020 23:34

Tgt Ion:252 Resp: 198833
Ion Ratio Lower Upper
252 100
253 26.2 17.4 26.0#
125 15.2 5.6 8.4#

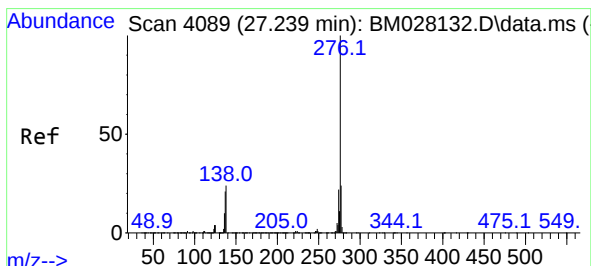
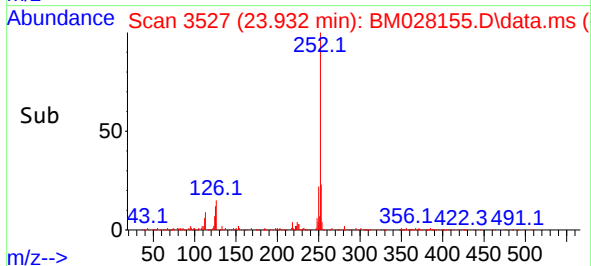
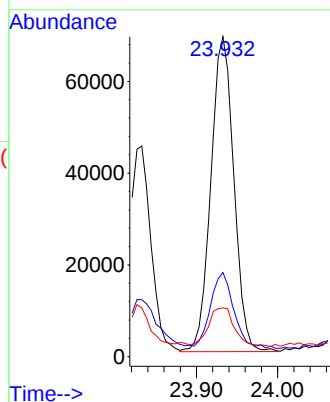
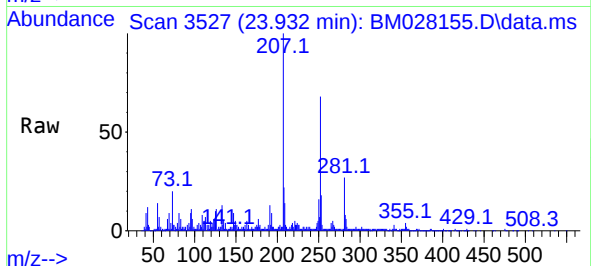




#90
Benzo(a)pyrene
Concen: 3.43 ng
RT: 23.932 min Scan# 3527
Delta R.T. -0.006 min
Lab File: BM028155.D
Acq: 17 Dec 2020 23:34

Instrument :
BNA_M
ClientSampled :
B-8

Tgt Ion:252 Resp: 134934
Ion Ratio Lower Upper
252 100
253 26.3 17.4 26.2#
125 15.3 6.6 9.8#



#92
Benzo(g,h,i)perylene
Concen: 2.32 ng
RT: 27.221 min Scan# 4086
Delta R.T. -0.018 min
Lab File: BM028155.D
Acq: 17 Dec 2020 23:34

Tgt Ion:276 Resp: 79275
Ion Ratio Lower Upper
276 100
277 28.4 18.6 28.0#
138 30.1 12.2 18.2#

