

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122320\
 Data File : BM028255.D
 Acq On : 23 Dec 2020 17:18
 Operator : JU/CG
 Sample : L5192-01 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 24 01:54:54 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 23 12:17:02 2020
 Response via : Initial Calibration

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

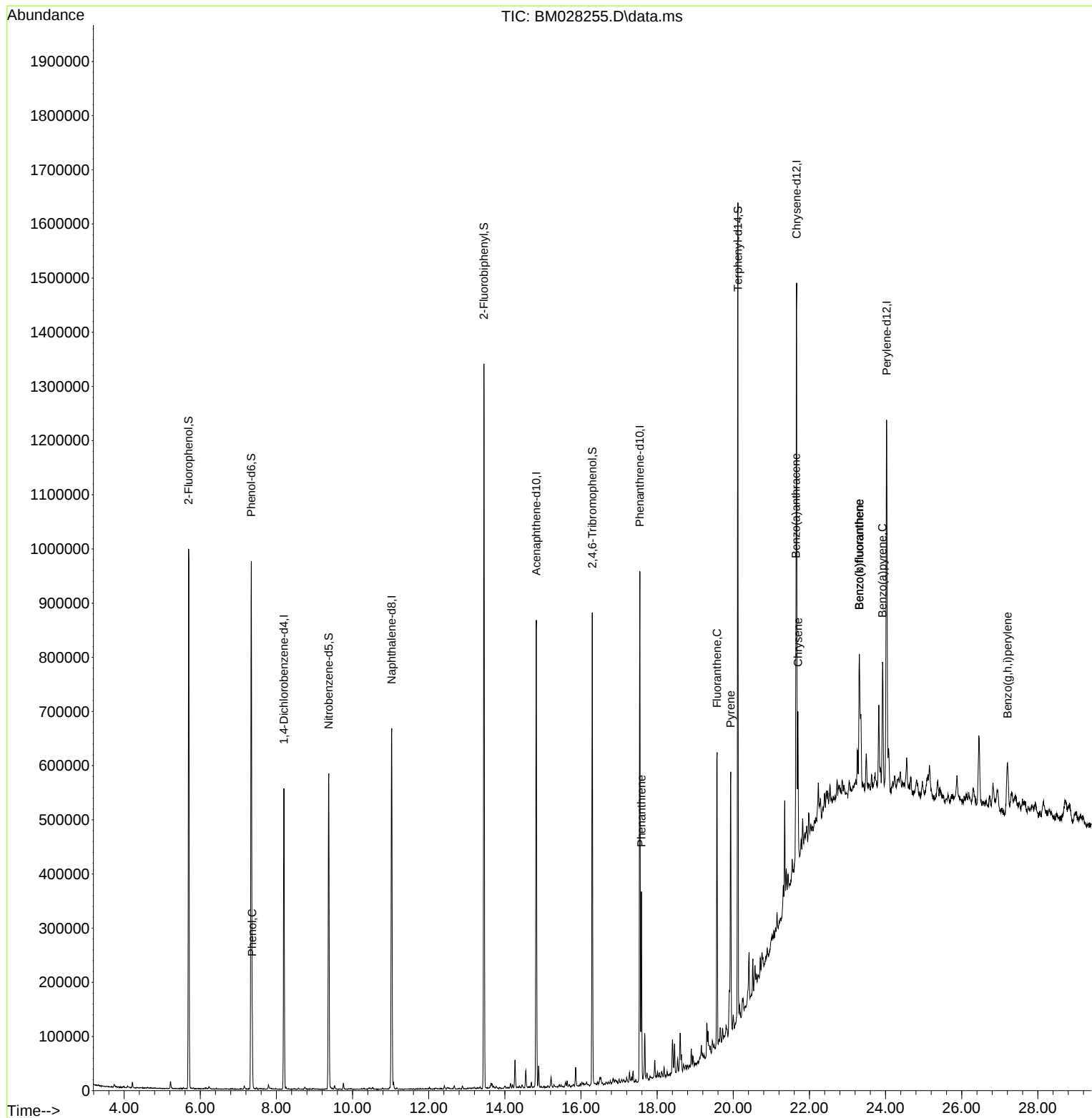
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.198	152	148692	20.00	ng	0.00
21) Naphthalene-d8	11.028	136	559912	20.00	ng	# 0.00
39) Acenaphthene-d10	14.827	164	284837	20.00	ng	0.00
64) Phenanthrene-d10	17.545	188	516421	20.00	ng	# 0.00
76) Chrysene-d12	21.662	240	458074	20.00	ng	# 0.00
86) Perylene-d12	24.027	264	477500	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	416929	46.21	ng	0.00
7) Phenol-d6	7.340	99	529483	41.09	ng	0.00
23) Nitrobenzene-d5	9.375	82	318486	28.23	ng	0.00
42) 2,4,6-Tribromophenol	16.298	330	150432	39.79	ng	0.00
45) 2-Fluorobiphenyl	13.451	172	641705	29.29	ng	0.00
79) Terphenyl-d14	20.121	244	629081	24.92	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.363	94	59121	4.83	ng	86
71) Phenanthrene	17.586	178	190615	6.08	ng	99
75) Fluoranthene	19.574	202	318987	9.08	ng	97
78) Pyrene	19.933	202	284504	8.58	ng	99
81) Benzo(a)anthracene	21.645	228	165821	5.31	ng	98
83) Chrysene	21.698	228	148371	4.91	ng	97
88) Benzo(b)fluoranthene	23.309	252	225741	6.94	ng	# 91
89) Benzo(k)fluoranthene	23.309	252	225741	7.14	ng	# 91
90) Benzo(a)pyrene	23.921	252	160580	5.50	ng	# 90
92) Benzo(g,h,i)perylene	27.203	276	112945	4.46	ng	# 87

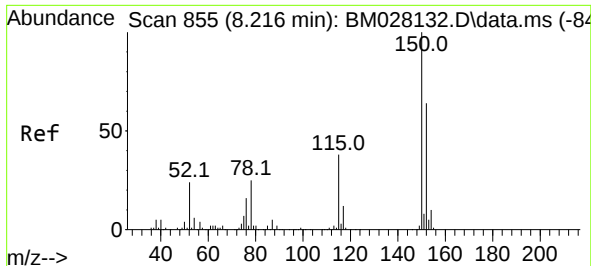
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122320\
Data File : BM028255.D
Acq On : 23 Dec 2020 17:18
Operator : JU/CG
Sample : L5192-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 24 01:54:54 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 23 12:17:02 2020
Response via : Initial Calibration

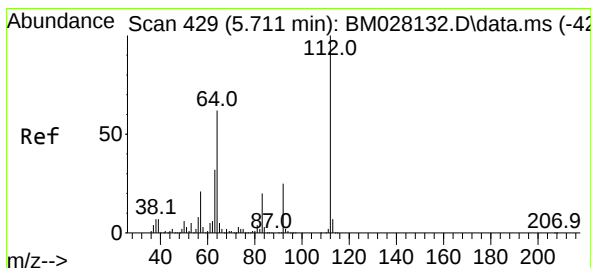
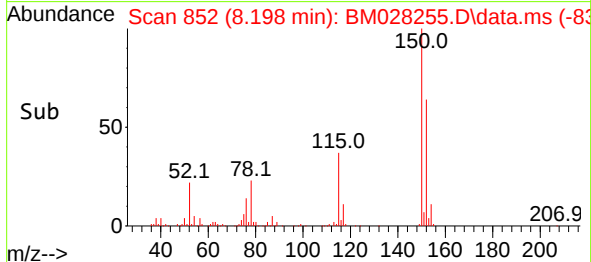
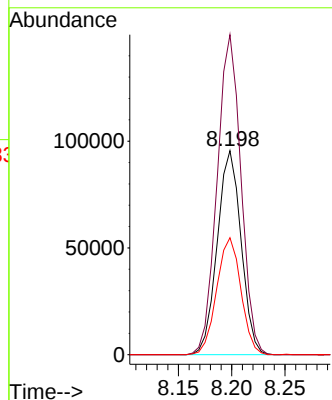
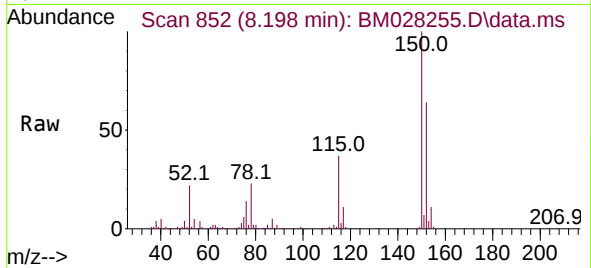




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.198 min Scan# 852
Delta R.T. 0.000 min
Lab File: BM028255.D
Acq: 23 Dec 2020 17:18

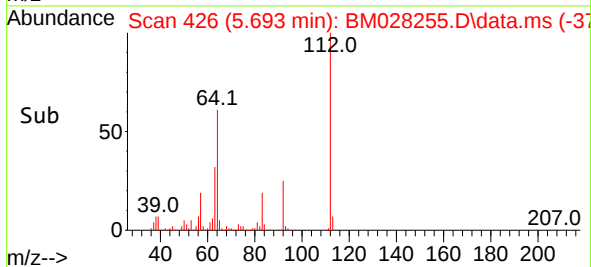
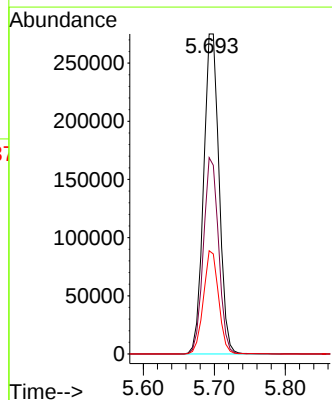
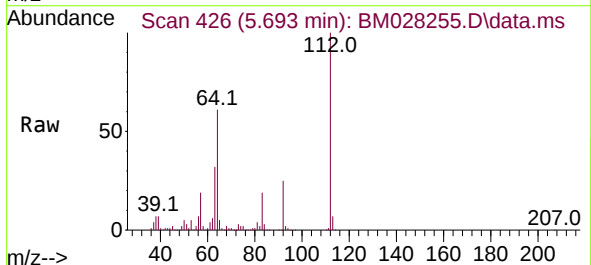
Instrument :
BNA_M
ClientSampleId :

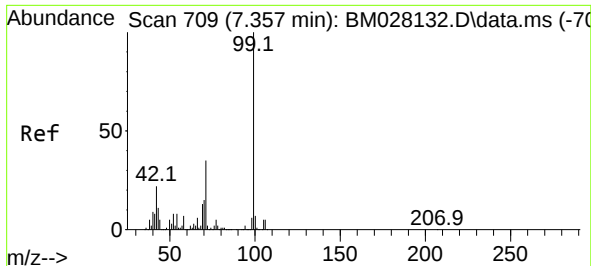
Tgt Ion:152 Resp: 148692
Ion Ratio Lower Upper
152 100
150 156.9 120.6 181.0
115 57.3 47.2 70.8



#5
2-Fluorophenol
Concen: 46.21 ng
RT: 5.693 min Scan# 426
Delta R.T. 0.000 min
Lab File: BM028255.D
Acq: 23 Dec 2020 17:18

Tgt Ion:112 Resp: 416929
Ion Ratio Lower Upper
112 100
64 61.4 50.6 76.0
63 32.2 31.0 46.6

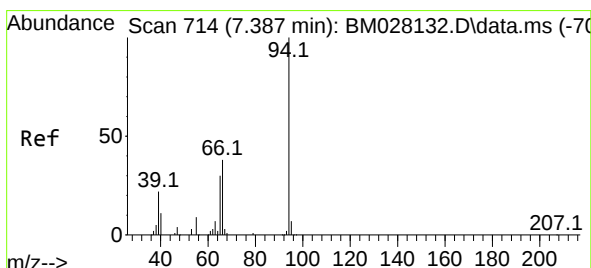
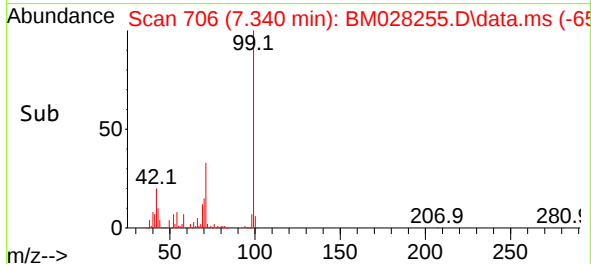
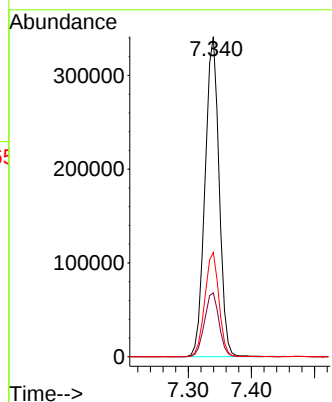
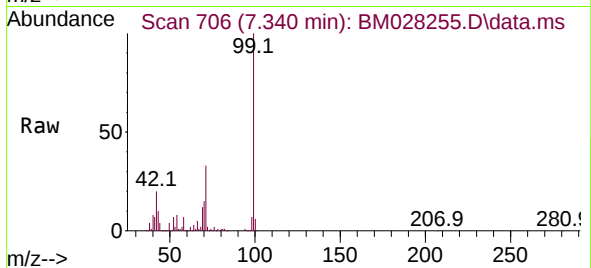




#7
Phenol-d6
Concen: 41.09 ng
RT: 7.340 min Scan# 706
Delta R.T. 0.000 min
Lab File: BM028255.D
Acq: 23 Dec 2020 17:18

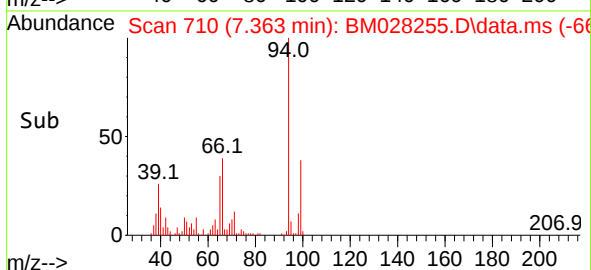
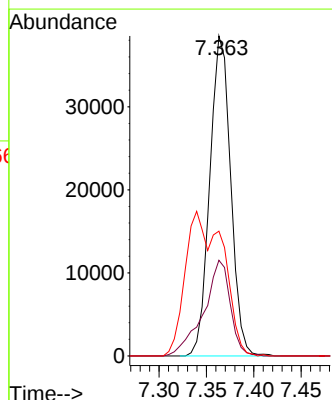
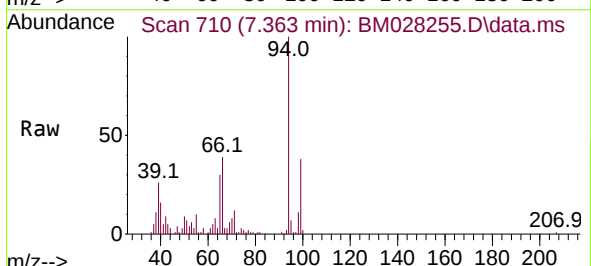
Instrument :
BNA_M
ClientSampleId :

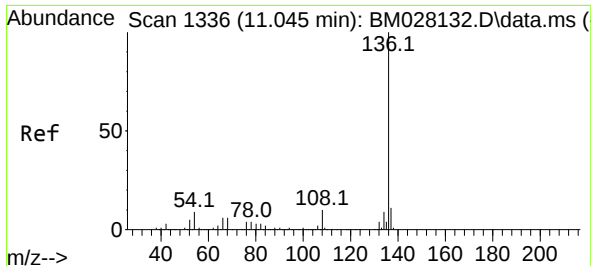
Tgt Ion: 99 Resp: 529483
Ion Ratio Lower Upper
99 100
42 20.0 13.5 20.3
71 32.5 39.4 59.0#



#10
Phenol
Concen: 4.83 ng
RT: 7.363 min Scan# 710
Delta R.T. -0.006 min
Lab File: BM028255.D
Acq: 23 Dec 2020 17:18

Tgt Ion: 94 Resp: 59121
Ion Ratio Lower Upper
94 100
65 29.9 16.4 56.4
66 39.0 30.2 70.2

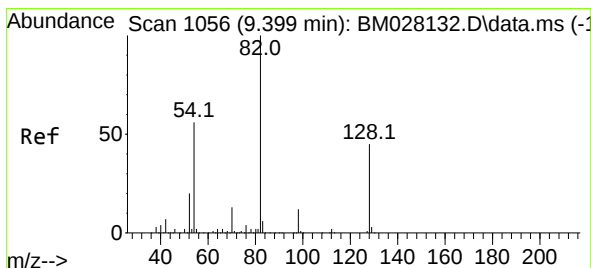
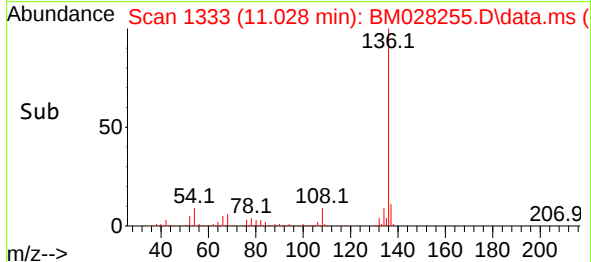
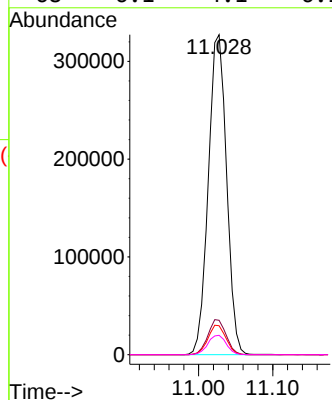
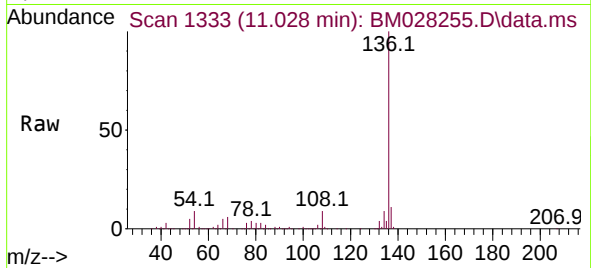




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.028 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BM028255.D
Acq: 23 Dec 2020 17:18

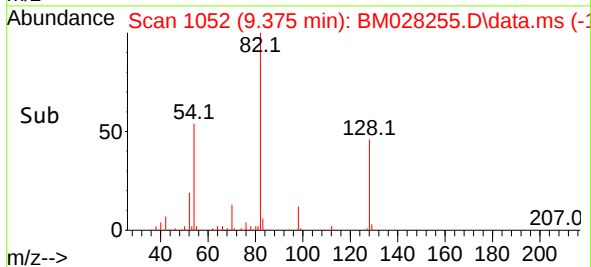
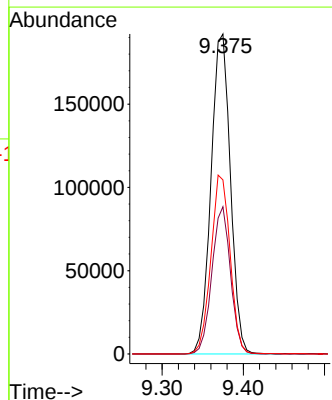
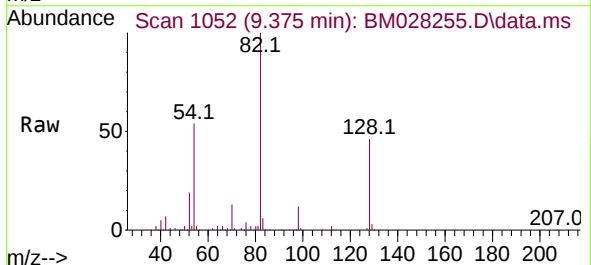
Instrument :
BNA_M
ClientSampleId :

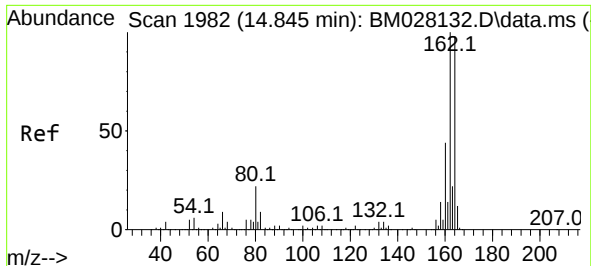
Tgt Ion:136	Resp: 559912
Ion Ratio	Lower Upper
136	100
137	10.7 8.6 12.8
54	9.1 4.6 7.0#
68	6.1 4.1 6.1



#23
Nitrobenzene-d5
Concen: 28.23 ng
RT: 9.375 min Scan# 1052
Delta R.T. 0.000 min
Lab File: BM028255.D
Acq: 23 Dec 2020 17:18

Tgt Ion: 82	Resp: 318486
Ion Ratio	Lower Upper
82	100
128	46.0 27.4 41.0#
54	54.4 31.4 47.0#

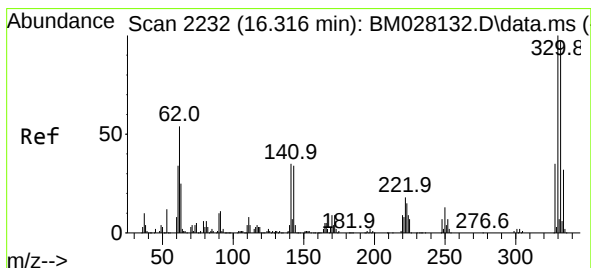
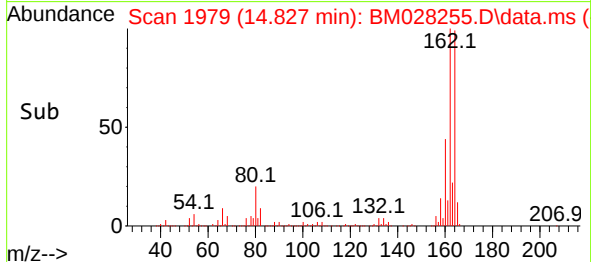
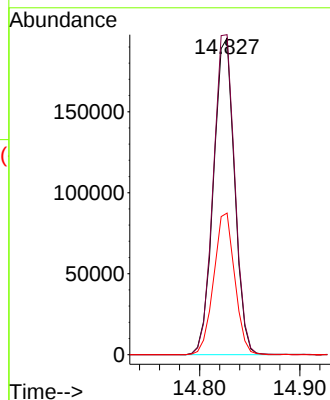
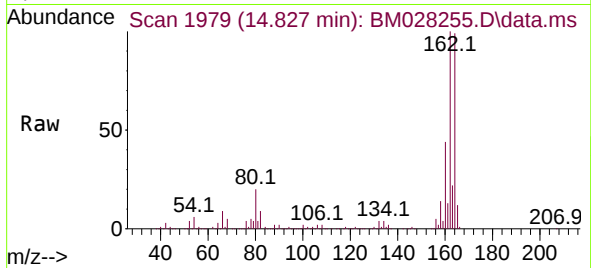




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.827 min Scan# 1979
Delta R.T. 0.000 min
Lab File: BM028255.D
Acq: 23 Dec 2020 17:18

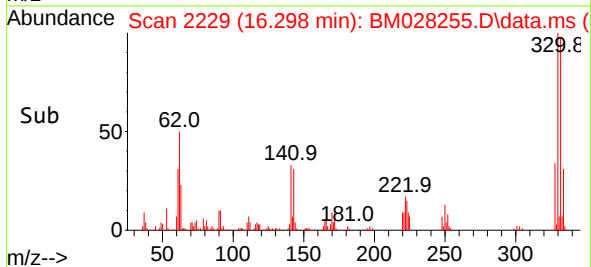
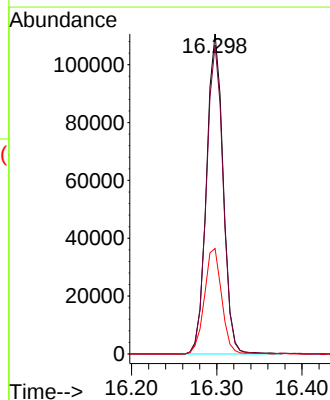
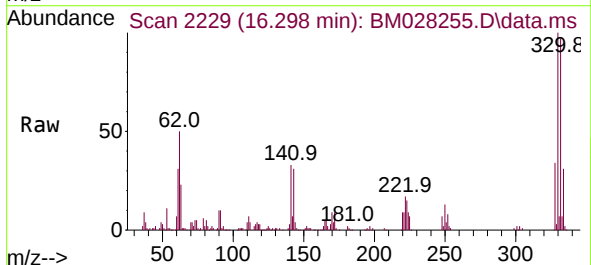
Instrument :
BNA_M
ClientSampled :

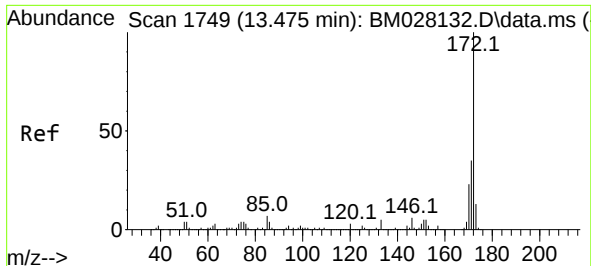
Tgt Ion:164 Resp: 284837
Ion Ratio Lower Upper
164 100
162 101.0 80.4 120.6
160 44.7 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 39.79 ng
RT: 16.298 min Scan# 2229
Delta R.T. -0.006 min
Lab File: BM028255.D
Acq: 23 Dec 2020 17:18

Tgt Ion:330 Resp: 150432
Ion Ratio Lower Upper
330 100
332 96.6 77.8 116.8
141 34.3 28.4 42.6

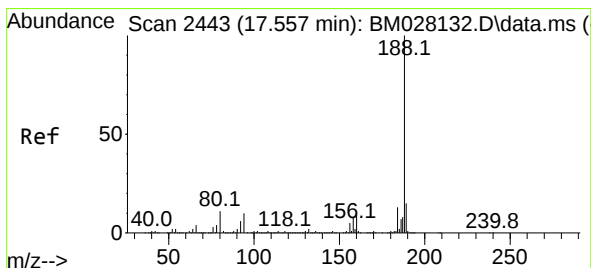
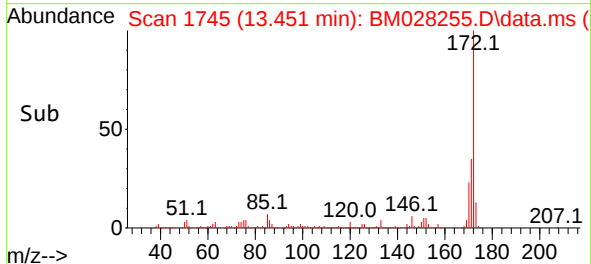
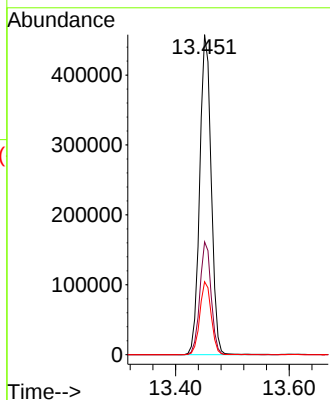
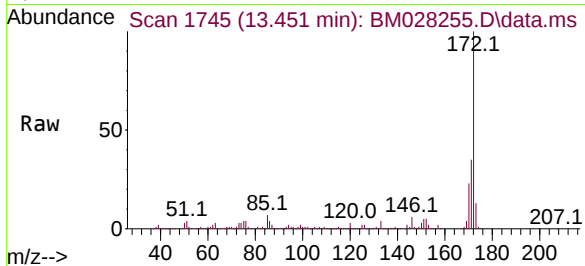




#45
2-Fluorobiphenyl
Concen: 29.29 ng
RT: 13.451 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BM028255.D
Acq: 23 Dec 2020 17:18

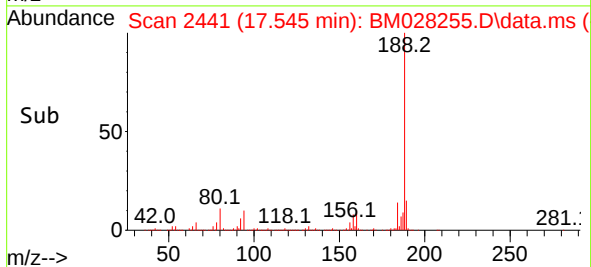
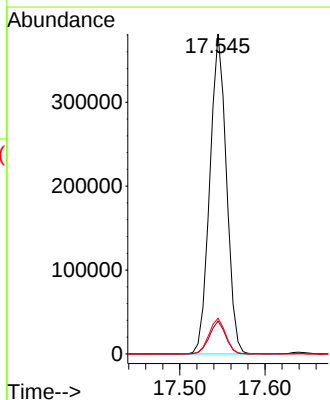
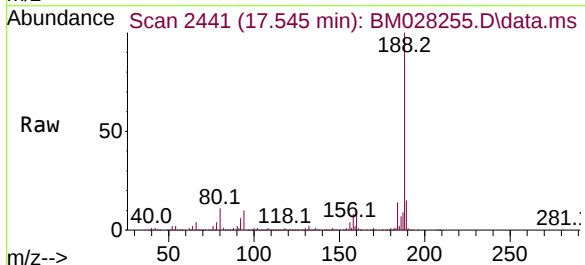
Instrument :
BNA_M
ClientSampleId :

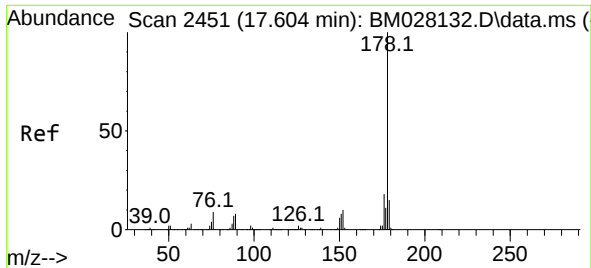
Tgt Ion:172 Resp: 641705
Ion Ratio Lower Upper
172 100
171 35.2 27.8 41.8
170 22.8 18.6 27.8



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.545 min Scan# 2441
Delta R.T. 0.000 min
Lab File: BM028255.D
Acq: 23 Dec 2020 17:18

Tgt Ion:188 Resp: 516421
Ion Ratio Lower Upper
188 100
94 10.2 6.2 9.4#
80 11.1 7.5 11.3

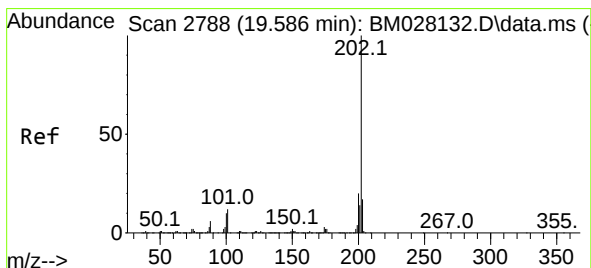
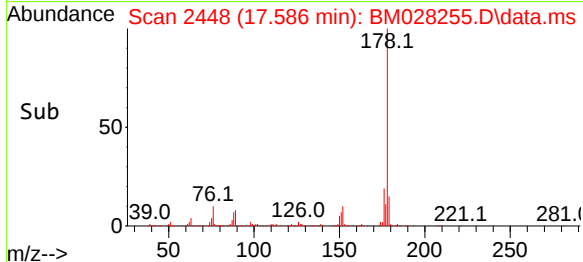
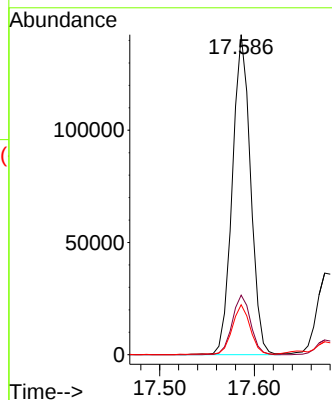
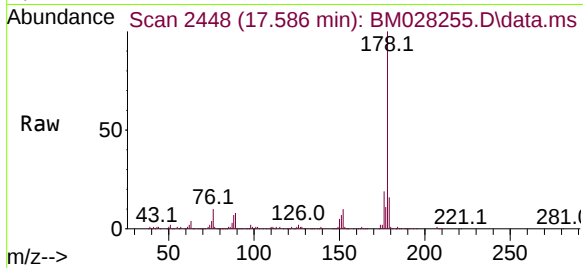




#71
Phenanthrene
Concen: 6.08 ng
RT: 17.586 min Scan# 2448
Delta R.T. -0.006 min
Lab File: BM028255.D
Acq: 23 Dec 2020 17:18

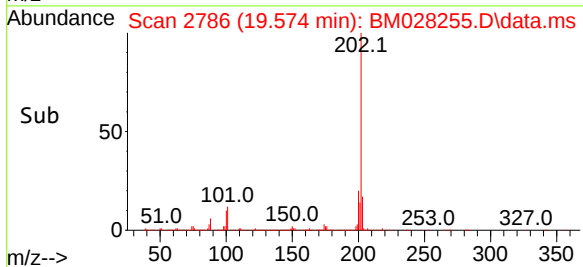
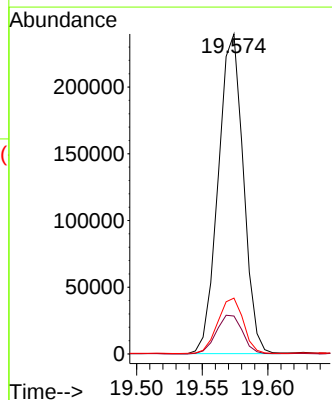
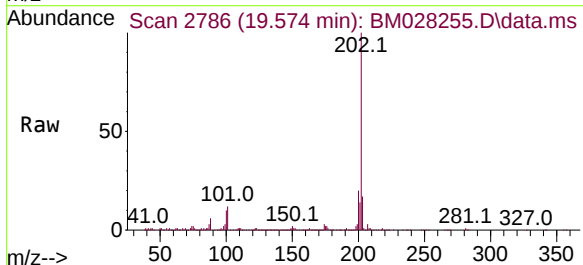
Instrument :
BNA_M
ClientSampled :

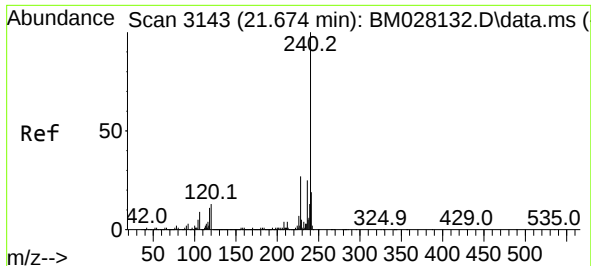
Tgt Ion:178 Resp: 190615
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.6
179 15.6 12.2 18.4



#75
Fluoranthene
Concen: 9.08 ng
RT: 19.574 min Scan# 2786
Delta R.T. 0.000 min
Lab File: BM028255.D
Acq: 23 Dec 2020 17:18

Tgt Ion:202 Resp: 318987
Ion Ratio Lower Upper
202 100
101 11.9 0.0 28.5
203 17.4 0.0 37.3

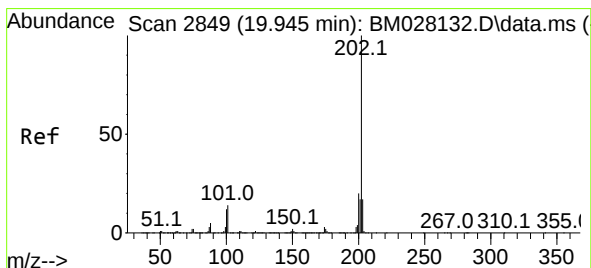
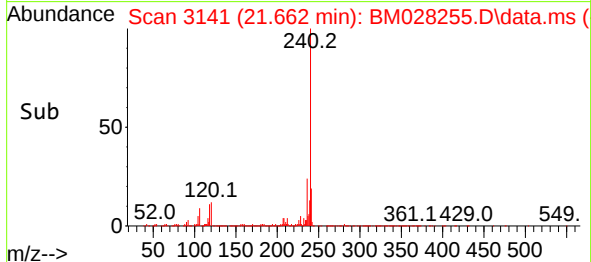
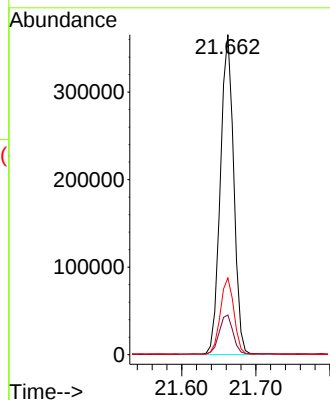
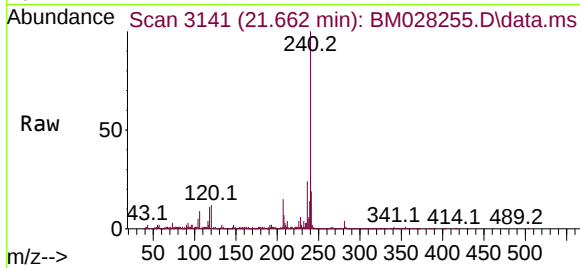




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.662 min Scan# 3141
Delta R.T. 0.000 min
Lab File: BM028255.D
Acq: 23 Dec 2020 17:18

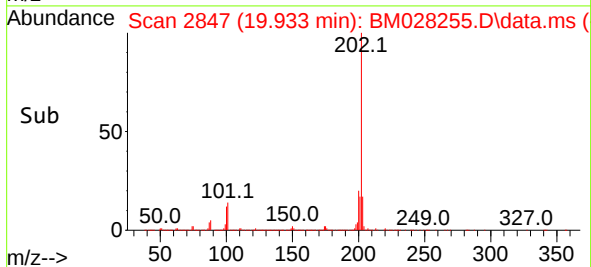
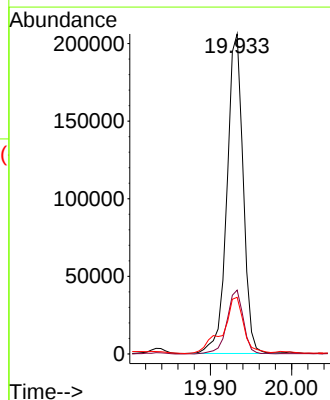
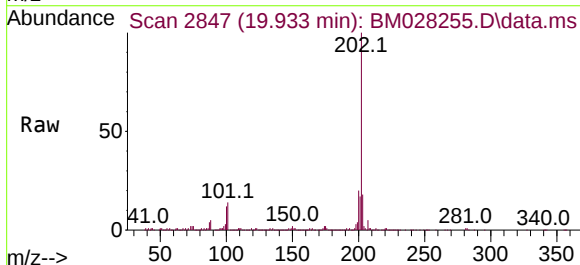
Instrument :
BNA_M
ClientSampled :

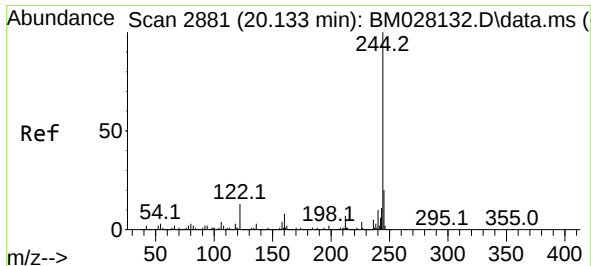
Tgt Ion:240 Resp: 458074
Ion Ratio Lower Upper
240 100
120 12.4 6.4 9.6#
236 24.0 20.1 30.1



#78
Pyrene
Concen: 8.58 ng
RT: 19.933 min Scan# 2847
Delta R.T. 0.000 min
Lab File: BM028255.D
Acq: 23 Dec 2020 17:18

Tgt Ion:202 Resp: 284504
Ion Ratio Lower Upper
202 100
200 19.9 16.6 24.8
203 17.7 13.8 20.6

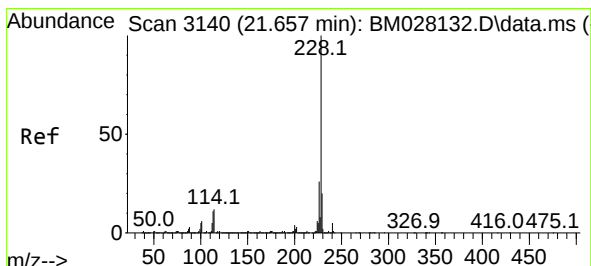
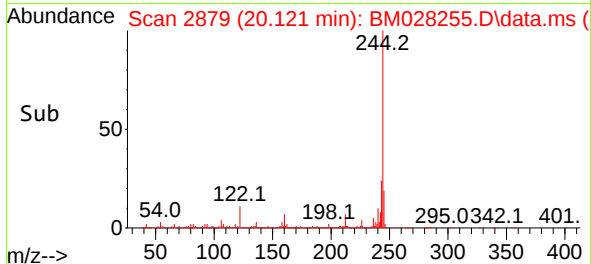
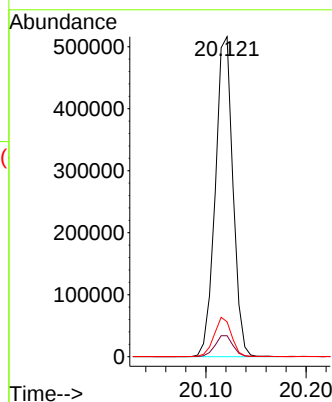
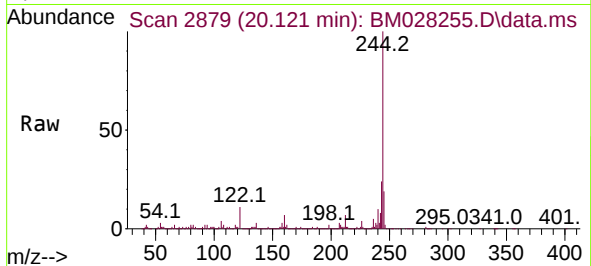




#79
 Terphenyl-d14
 Concen: 24.92 ng
 RT: 20.121 min Scan# 2879
 Delta R.T. 0.000 min
 Lab File: BM028255.D
 Acq: 23 Dec 2020 17:18

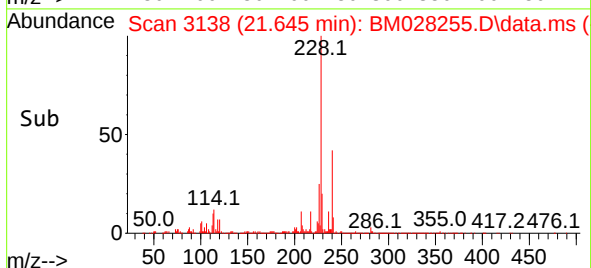
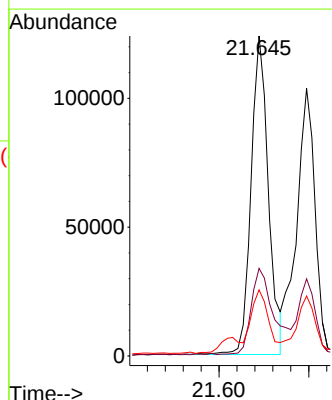
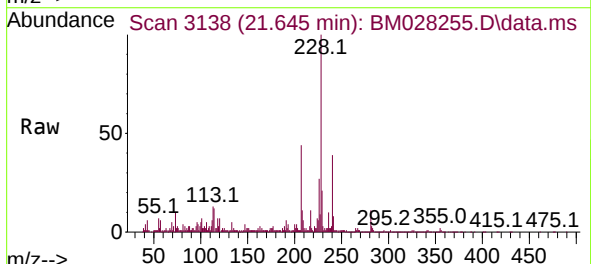
Instrument :
 BNA_M
 ClientSampled :

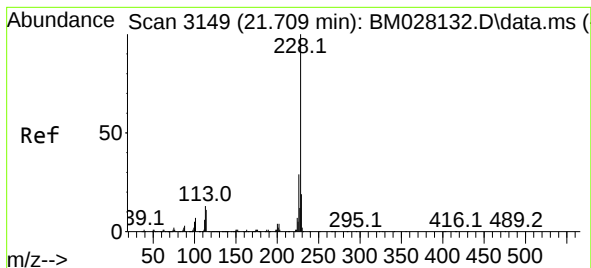
Tgt Ion:244 Resp: 629081
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.8 8.8
 122 10.9 6.5 9.7#



#81
 Benzo(a)anthracene
 Concen: 5.31 ng
 RT: 21.645 min Scan# 3138
 Delta R.T. 0.000 min
 Lab File: BM028255.D
 Acq: 23 Dec 2020 17:18

Tgt Ion:228 Resp: 165821
 Ion Ratio Lower Upper
 228 100
 226 27.3 21.1 31.7
 229 20.7 15.7 23.5





#83

Chrysene

Concen: 4.91 ng

RT: 21.698 min Scan# 3147

Delta R.T. 0.000 min

Lab File: BM028255.D

Acq: 23 Dec 2020 17:18

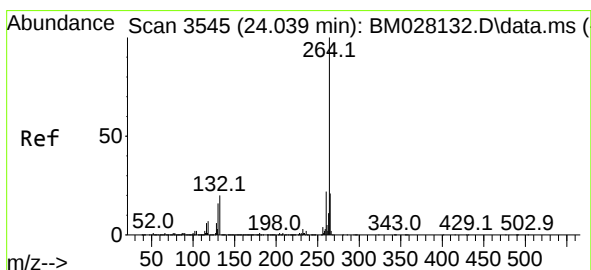
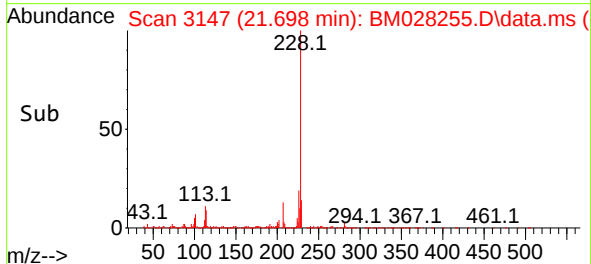
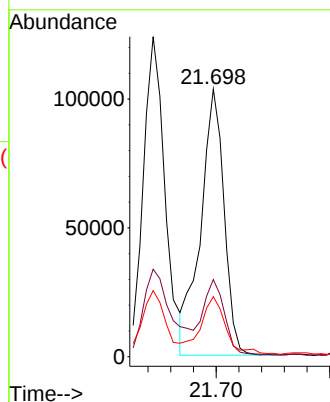
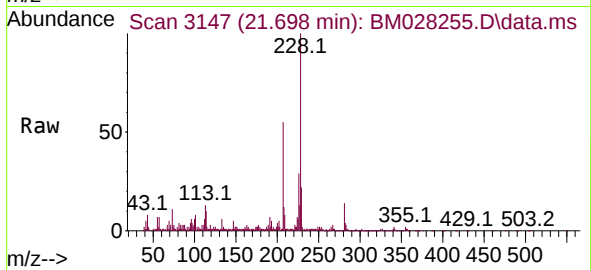
Tgt Ion:228 Resp: 148371

Ion Ratio Lower Upper

228 100

226 28.8 23.4 35.0

229 22.4 15.7 23.5



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.027 min Scan# 3543

Delta R.T. 0.006 min

Lab File: BM028255.D

Acq: 23 Dec 2020 17:18

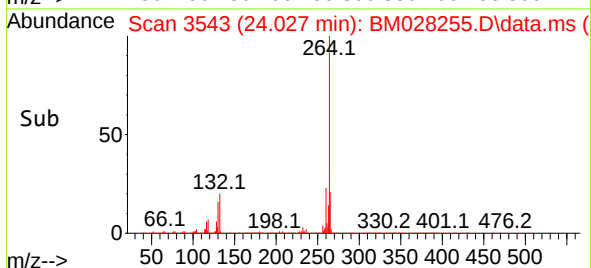
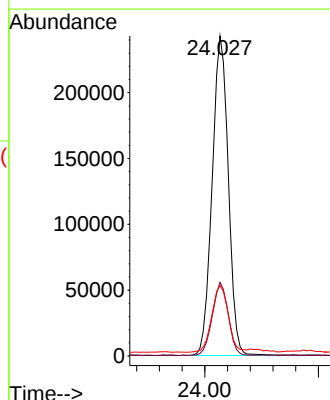
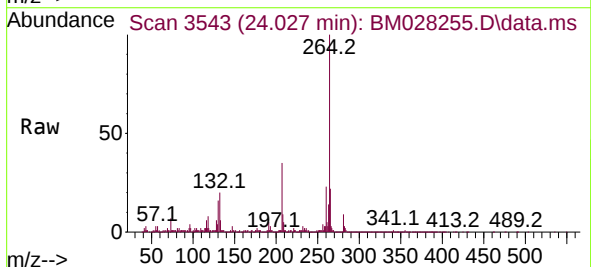
Tgt Ion:264 Resp: 477500

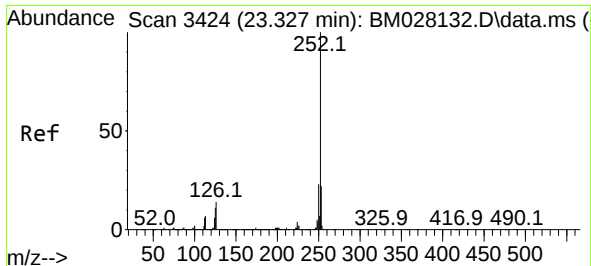
Ion Ratio Lower Upper

264 100

260 23.0 19.0 28.4

265 22.0 17.7 26.5

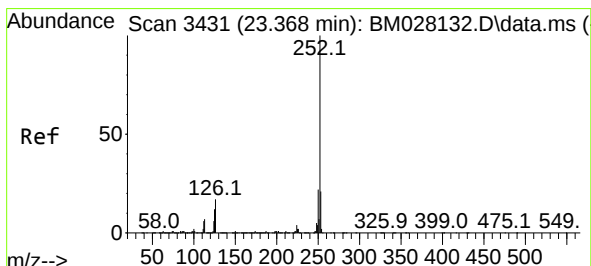
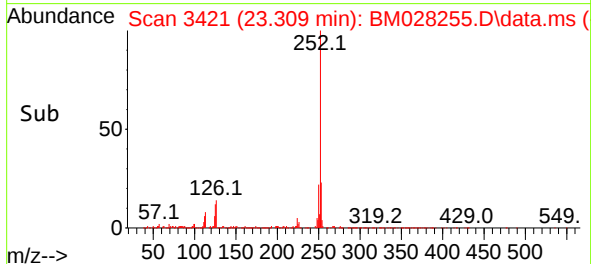
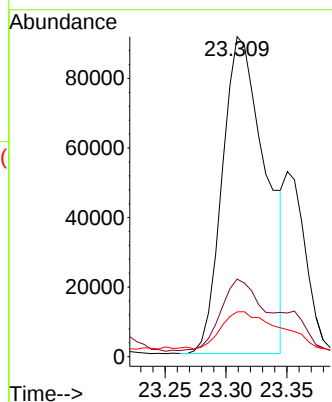
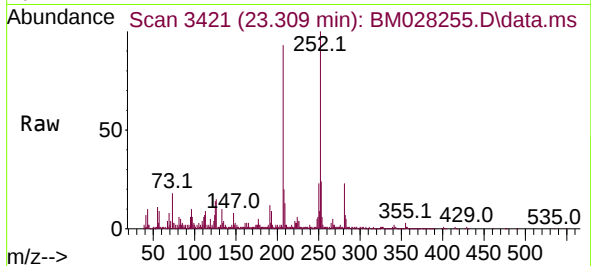




#88
Benzo(b)fluoranthene
Concen: 6.94 ng
RT: 23.309 min Scan# 3421
Delta R.T. 0.000 min
Lab File: BM028255.D
Acq: 23 Dec 2020 17:18

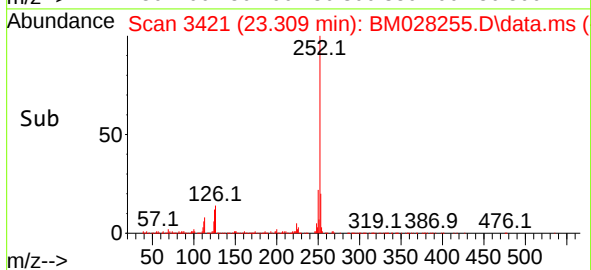
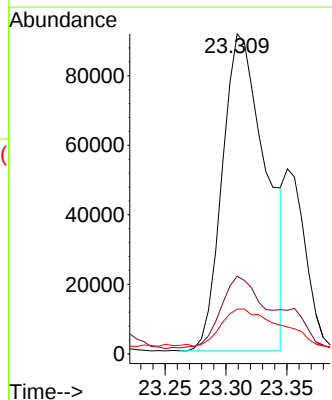
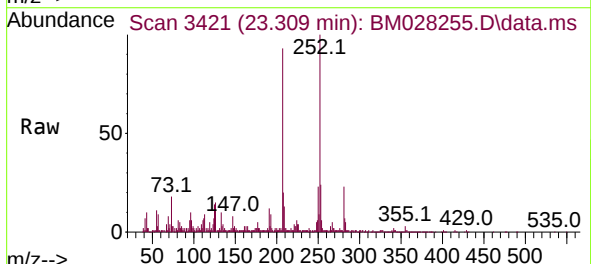
Instrument :
BNA_M
ClientSampled :

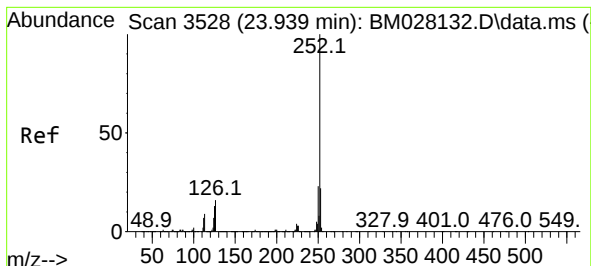
Tgt Ion:252 Resp: 225741
Ion Ratio Lower Upper
252 100
253 24.2 17.4 26.0
125 14.0 5.7 8.5#



#89
Benzo(k)fluoranthene
Concen: 7.14 ng
RT: 23.309 min Scan# 3421
Delta R.T. -0.047 min
Lab File: BM028255.D
Acq: 23 Dec 2020 17:18

Tgt Ion:252 Resp: 225741
Ion Ratio Lower Upper
252 100
253 24.2 17.4 26.0
125 14.0 5.6 8.4#





#90

Benzo(a)pyrene

Concen: 5.50 ng

RT: 23.921 min Scan# 3525

Delta R.T. 0.000 min

Lab File: BM028255.D

Acq: 23 Dec 2020 17:18

Instrument :

BNA_M

ClientSampled :

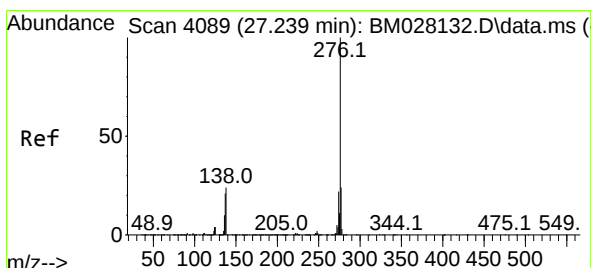
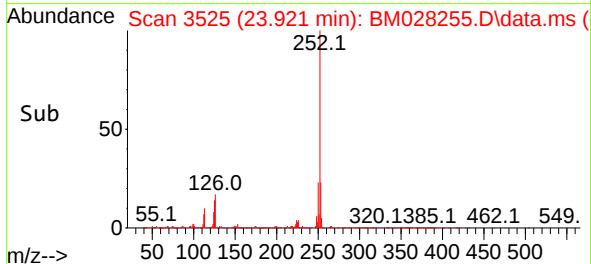
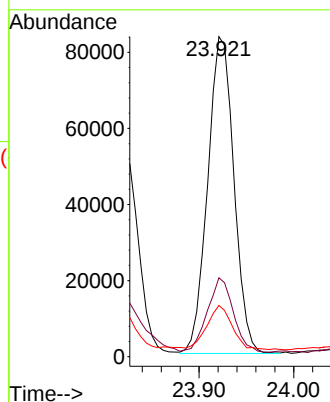
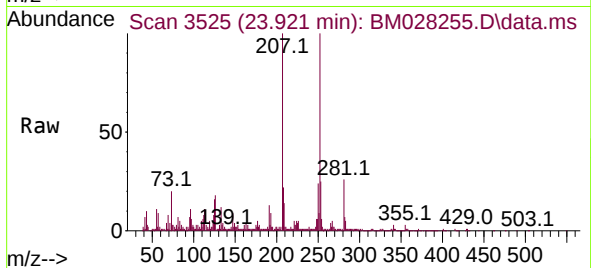
Tgt Ion:252 Resp: 160580

Ion Ratio Lower Upper

252 100

253 24.7 17.4 26.2

125 16.0 6.6 9.8#



#92

Benzo(g,h,i)perylene

Concen: 4.46 ng

RT: 27.203 min Scan# 4083

Delta R.T. 0.000 min

Lab File: BM028255.D

Acq: 23 Dec 2020 17:18

Tgt Ion:276 Resp: 112945

Ion Ratio Lower Upper

276 100

277 24.9 18.6 28.0

138 27.1 12.2 18.2#

