

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011022\
 Data File : BM033692.D
 Acq On : 10 Jan 2022 18:28
 Operator : CG/JU
 Sample : N1081-03 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OB-CS-13

Quant Time: Jan 11 02:26:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 05 17:07:26 2022
 Response via : Initial Calibration

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

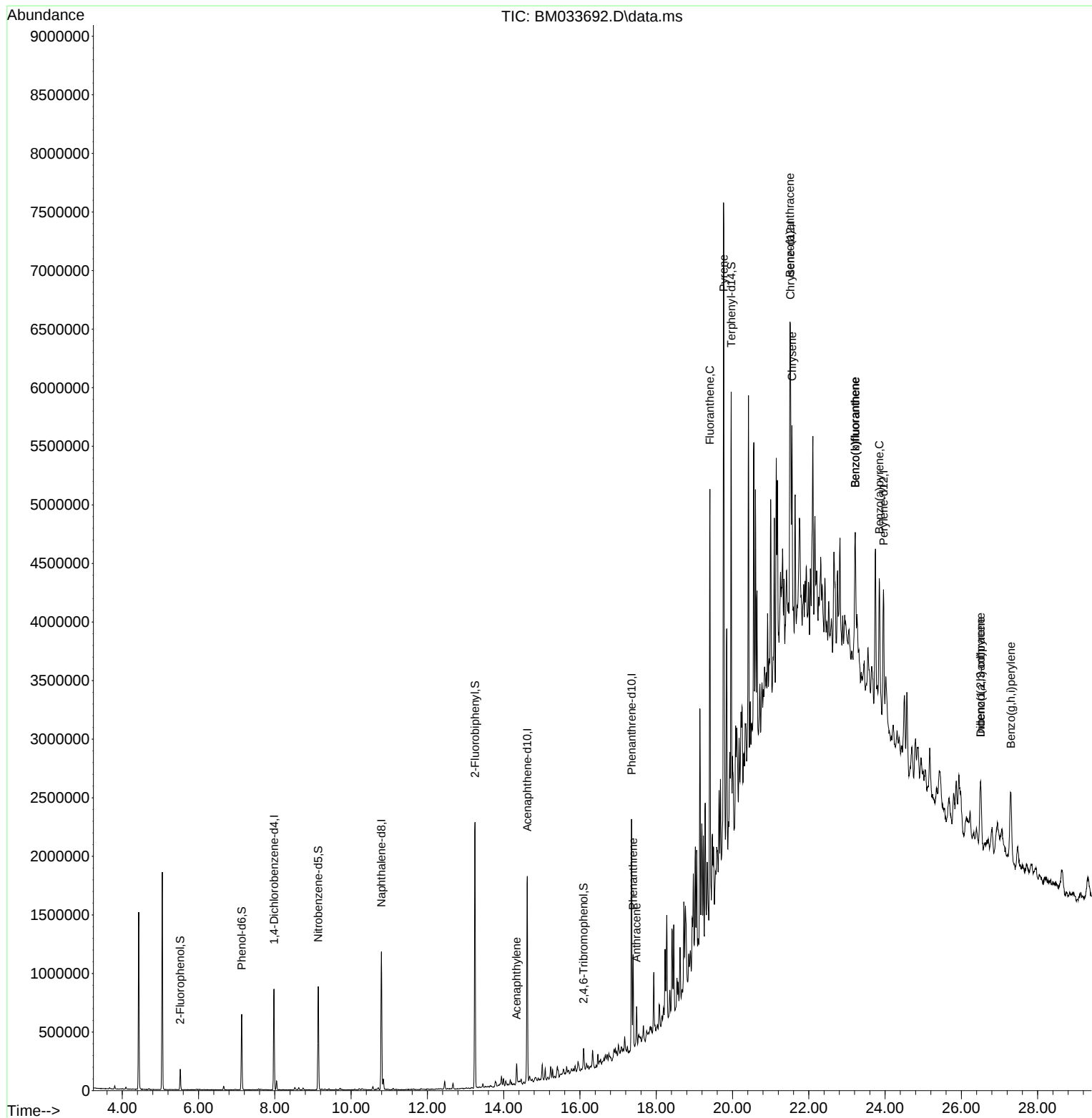
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.978	152	216383	20.000	ng	0.00
21) Naphthalene-d8	10.795	136	923790	20.000	ng	#-0.01
39) Acenaphthene-d10	14.618	164	595592	20.000	ng	0.00
64) Phenanthrene-d10	17.354	188	1121201	20.000	ng	0.00
76) Chrysene-d12	21.518	240	800261	20.000	ng	0.00
86) Perylene-d12	23.959	264	838112	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.519	112	66157	4.822	ng	0.00
7) Phenol-d6	7.131	99	337947	18.276	ng	0.00
23) Nitrobenzene-d5	9.136	82	489360	24.464	ng	-0.02
42) 2,4,6-Tribromophenol	16.095	330	23682	3.807	ng	-0.01
45) 2-Fluorobiphenyl	13.248	172	1136093	24.984	ng	-0.01
79) Terphenyl-d14	19.965	244	1326886	29.845	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.125	77	1249	Below Cal	#	37
49) Acenaphthylene	14.336	152	133359	2.339	ng	97
71) Phenanthrene	17.395	178	452688	7.056	ng	99
72) Anthracene	17.483	178	213019	3.385	ng	96
75) Fluoranthene	19.406	202	2001559	29.717	ng	97
78) Pyrene	19.765	202	3435378	60.972	ng	97
81) Benzo(a)anthracene	21.506	228	1044615	19.250	ng	# 83
83) Chrysene	21.559	228	1107034	21.318	ng	# 93
87) Indeno(1,2,3-cd)pyrene	26.506	276	506555	8.196	ng	96
88) Benzo(b)fluoranthene	23.218	252	979864	18.338	ng	# 92
89) Benzo(k)fluoranthene	23.218	252	979864	18.921	ng	# 94
90) Benzo(a)pyrene	23.847	252	850743	19.183	ng	# 92
91) Dibenzo(a,h)anthracene	26.506	278	154828	3.016	ng	# 54
92) Benzo(g,h,i)perylene	27.300	276	825076	16.348	ng	97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011022\
Data File : BM033692.D
Acq On : 10 Jan 2022 18:28
Operator : CG/JU
Sample : N1081-03 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OB-CS-13

Quant Time: Jan 11 02:26:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 05 17:07:26 2022
Response via : Initial Calibration

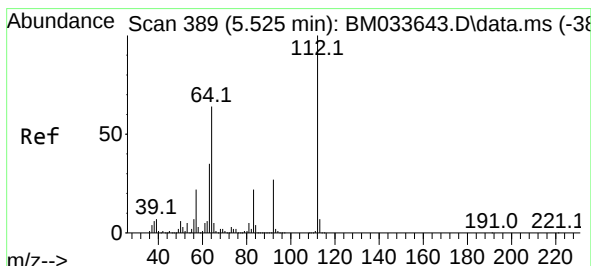
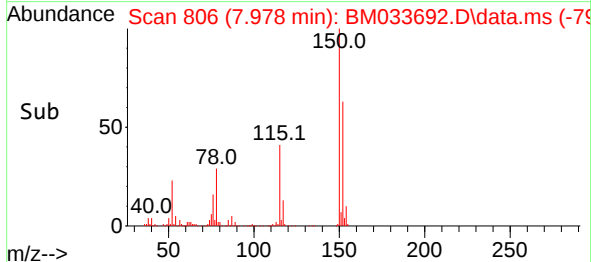
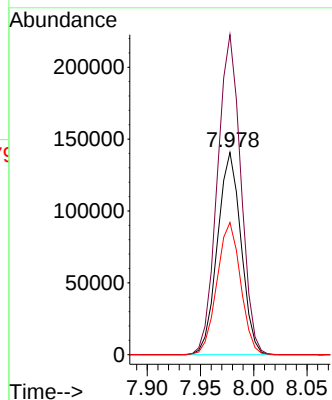
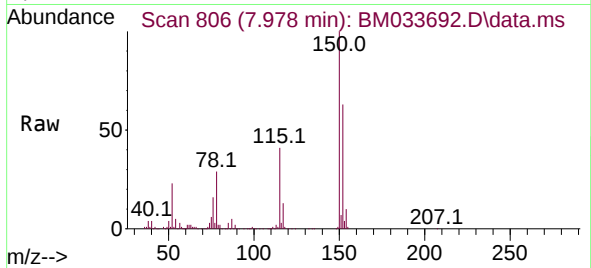




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.978 min Scan# 807
Delta R.T. -0.006 min
Lab File: BM033692.D
Acq: 10 Jan 2022 18:28

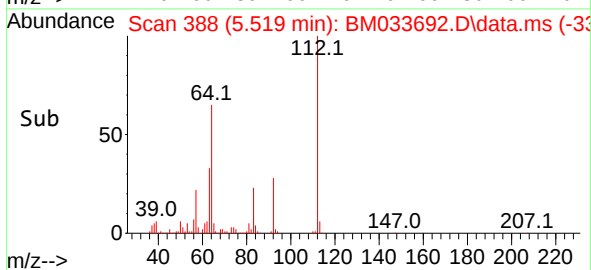
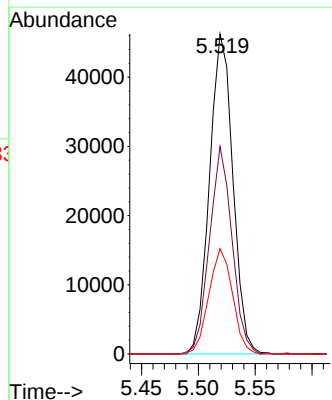
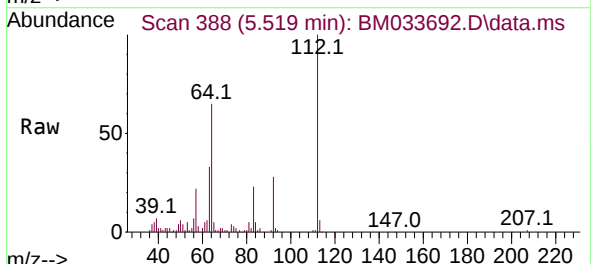
Instrument :
BNA_M
ClientSampleId :
OB-CS-13

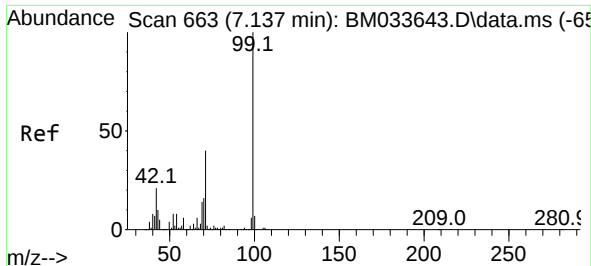
Tgt Ion:152 Resp: 216383
Ion Ratio Lower Upper
152 100
150 158.2 128.9 193.3
115 65.4 53.0 79.6



#5
2-Fluorophenol
Concen: 4.822 ng
RT: 5.519 min Scan# 388
Delta R.T. -0.006 min
Lab File: BM033692.D
Acq: 10 Jan 2022 18:28

Tgt Ion:112 Resp: 66157
Ion Ratio Lower Upper
112 100
64 64.8 55.5 83.3
63 32.9 31.3 46.9

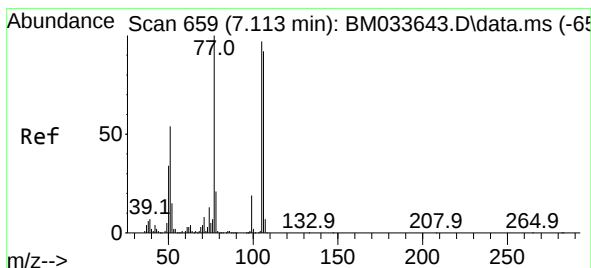
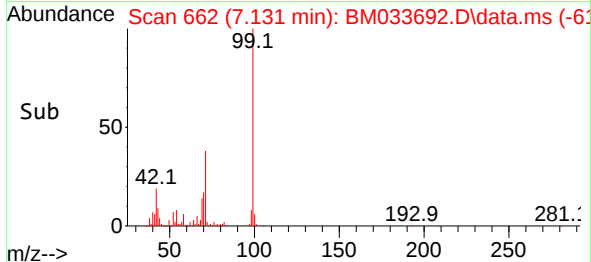
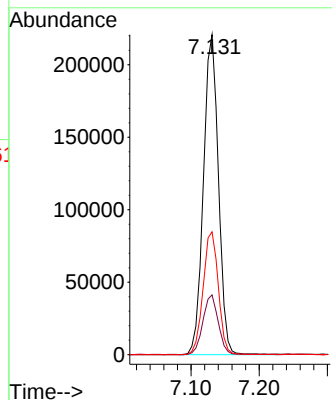
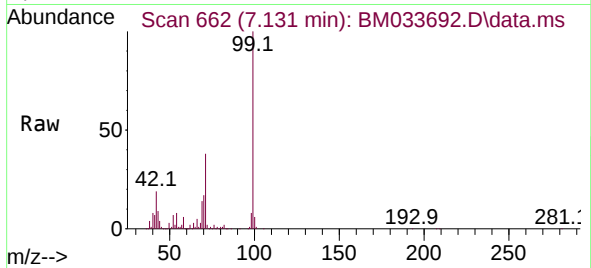




#7
Phenol-d6
Concen: 18.276 ng
RT: 7.131 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM033692.D
Acq: 10 Jan 2022 18:28

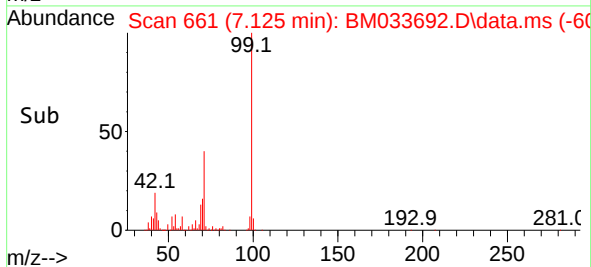
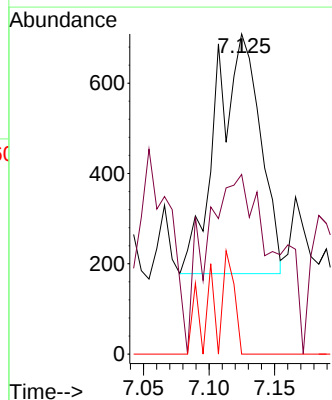
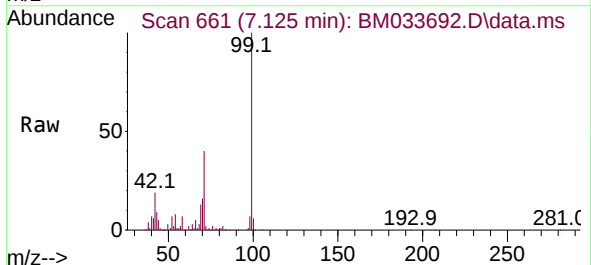
Instrument :
BNA_M
ClientSampleId :
OB-CS-13

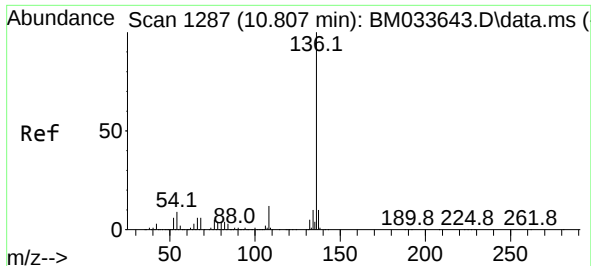
Tgt Ion: 99 Resp: 337947
Ion Ratio Lower Upper
99 100
42 18.7 20.3 30.5#
71 38.4 34.5 51.7



#9
Benzaldehyde
Concen: Below Cal
RT: 7.125 min Scan# 661
Delta R.T. 0.012 min
Lab File: BM033692.D
Acq: 10 Jan 2022 18:28

Tgt Ion: 77 Resp: 1249
Ion Ratio Lower Upper
77 100
105 56.1 67.1 107.1#
106 0.0 64.3 104.3#

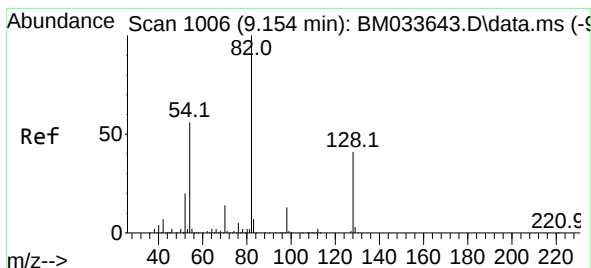
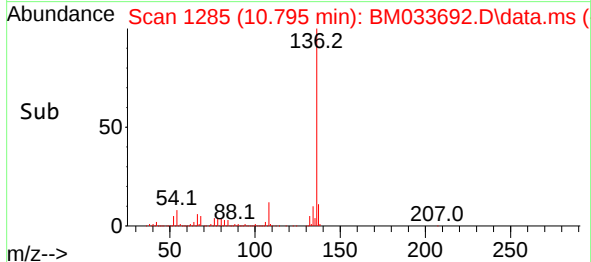
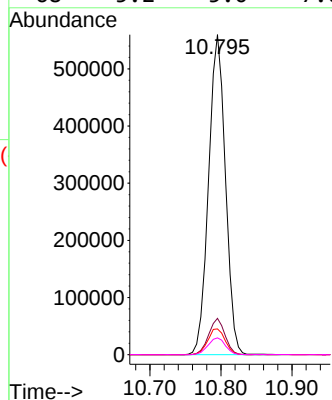
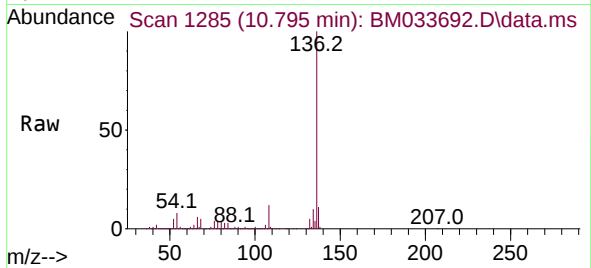




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.795 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM033692.D
Acq: 10 Jan 2022 18:28

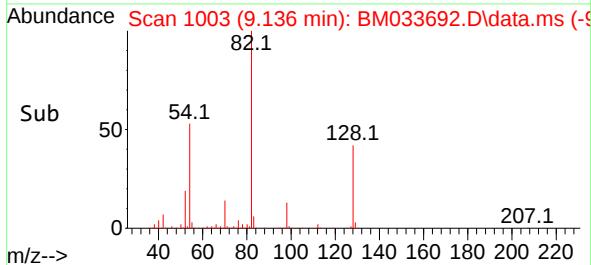
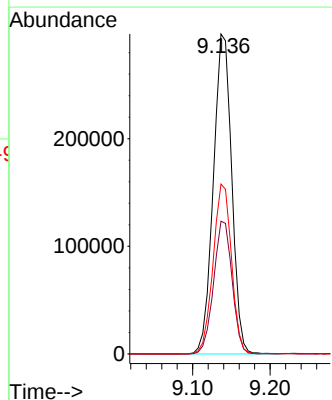
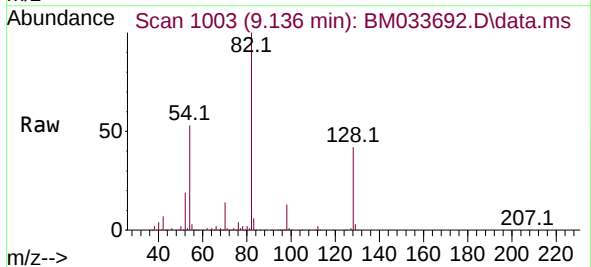
Instrument :
BNA_M
ClientSampleId :
OB-CS-13

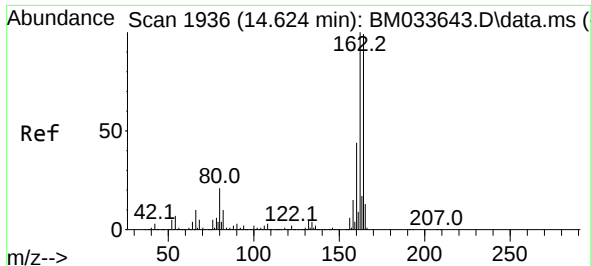
Tgt Ion:136 Resp: 923790
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 8.1 8.3 12.5#
68 5.2 5.0 7.6



#23
Nitrobenzene-d5
Concen: 24.464 ng
RT: 9.136 min Scan# 1003
Delta R.T. -0.018 min
Lab File: BM033692.D
Acq: 10 Jan 2022 18:28

Tgt Ion: 82 Resp: 489360
Ion Ratio Lower Upper
82 100
128 41.5 28.1 42.1
54 53.1 46.1 69.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.618 min Scan# 1935

Delta R.T. -0.006 min

Lab File: BM033692.D

Acq: 10 Jan 2022 18:28

Instrument :

BNA_M

ClientSampleId :

OB-CS-13

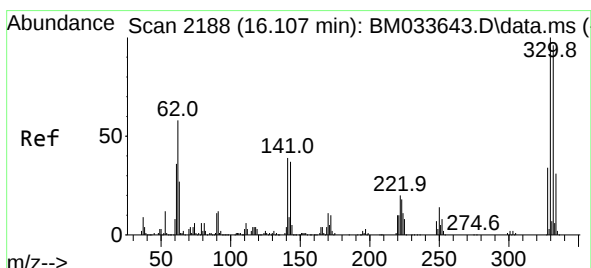
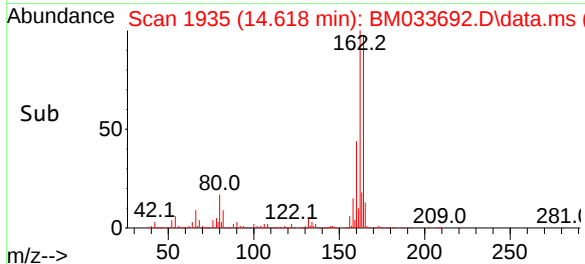
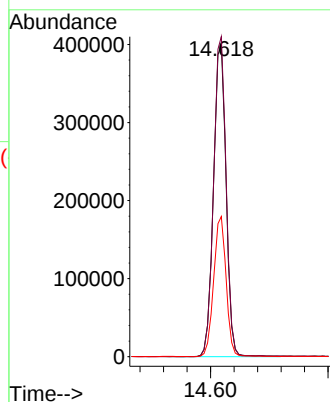
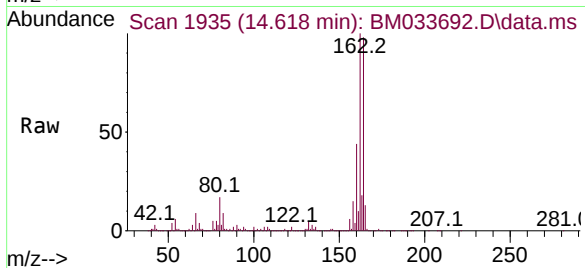
Tgt Ion:164 Resp: 595592

Ion Ratio Lower Upper

164 100

162 102.5 79.7 119.5

160 44.9 34.2 51.4



#42

2,4,6-Tribromophenol

Concen: 3.807 ng

RT: 16.095 min Scan# 2186

Delta R.T. -0.012 min

Lab File: BM033692.D

Acq: 10 Jan 2022 18:28

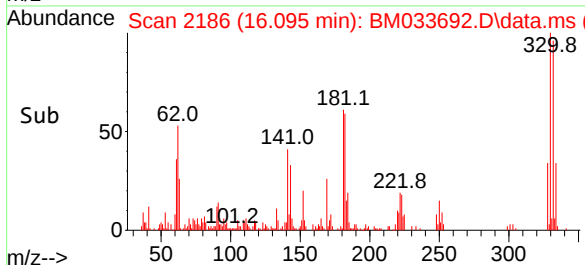
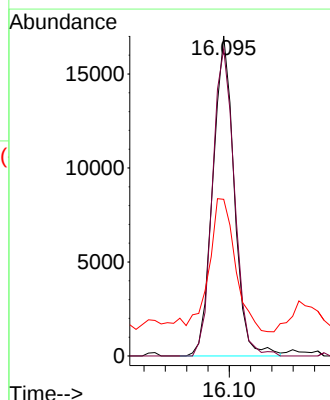
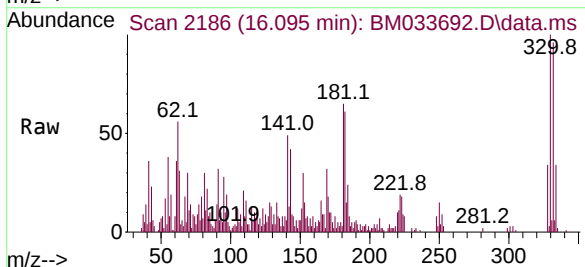
Tgt Ion:330 Resp: 23682

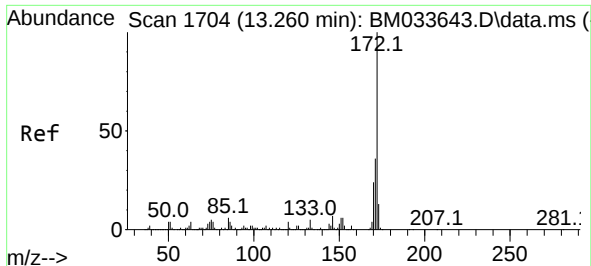
Ion Ratio Lower Upper

330 100

332 99.0 76.5 114.7

141 51.1 35.9 53.9

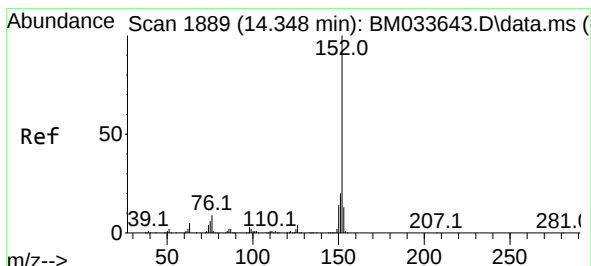
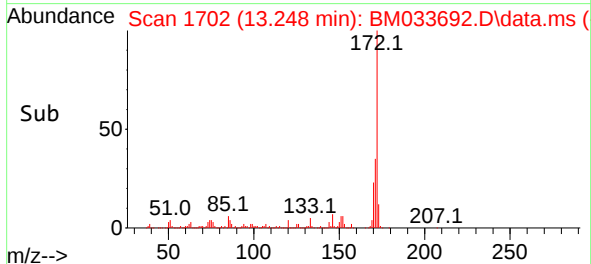
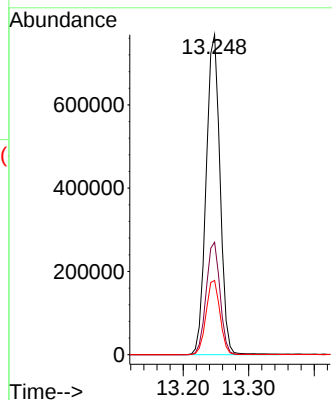
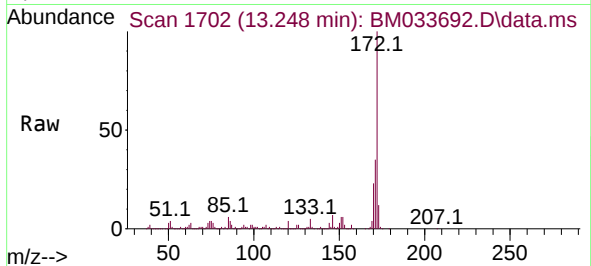




#45
2-Fluorobiphenyl
Concen: 24.984 ng
RT: 13.248 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM033692.D
Acq: 10 Jan 2022 18:28

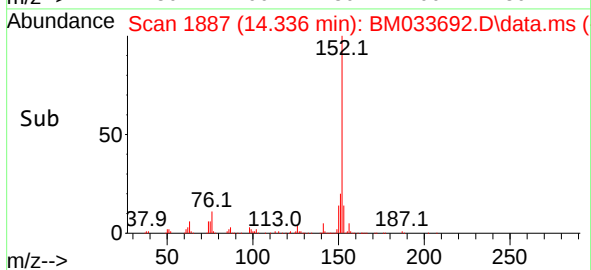
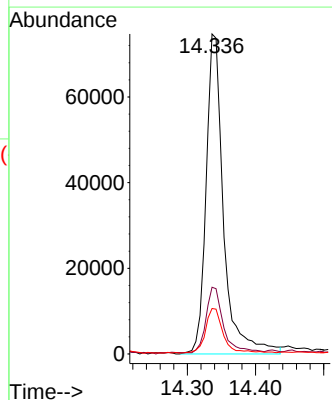
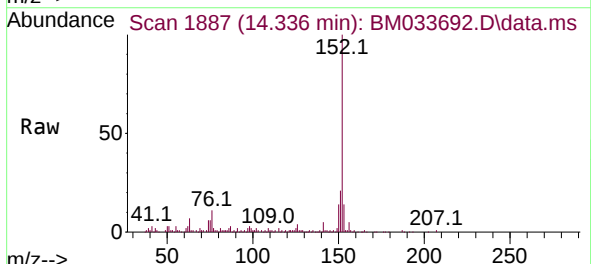
Instrument :
BNA_M
ClientSampleId :
OB-CS-13

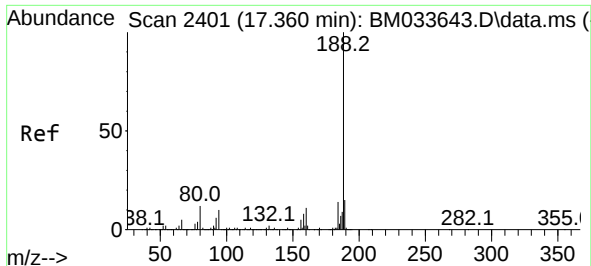
Tgt Ion:172 Resp: 1136093
Ion Ratio Lower Upper
172 100
171 35.1 27.2 40.8
170 23.2 18.7 28.1



#49
Acenaphthylene
Concen: 2.339 ng
RT: 14.336 min Scan# 1887
Delta R.T. -0.012 min
Lab File: BM033692.D
Acq: 10 Jan 2022 18:28

Tgt Ion:152 Resp: 133359
Ion Ratio Lower Upper
152 100
151 20.9 15.4 23.2
153 14.2 10.4 15.6

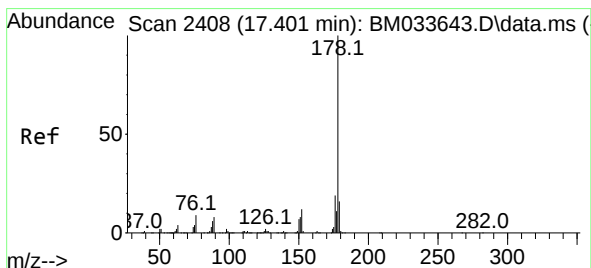
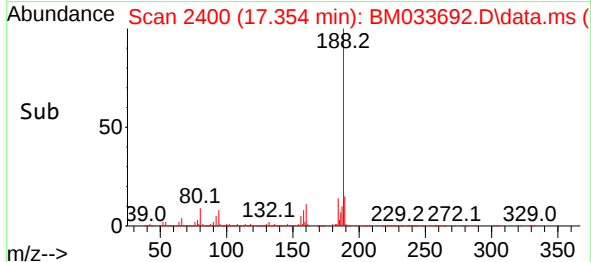
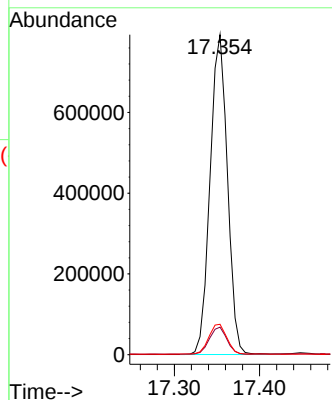
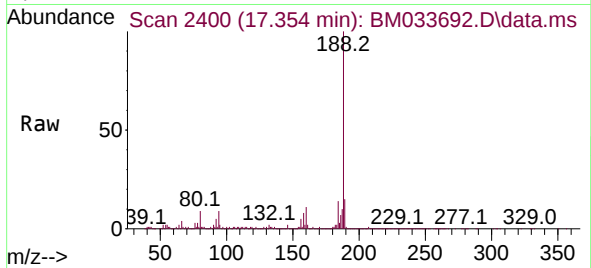




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.354 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BM033692.D
Acq: 10 Jan 2022 18:28

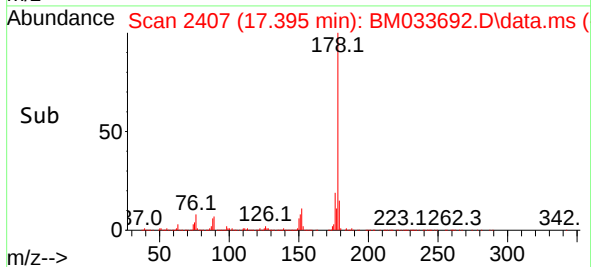
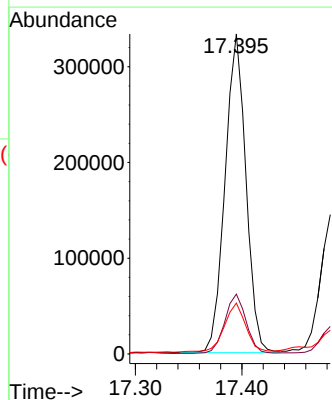
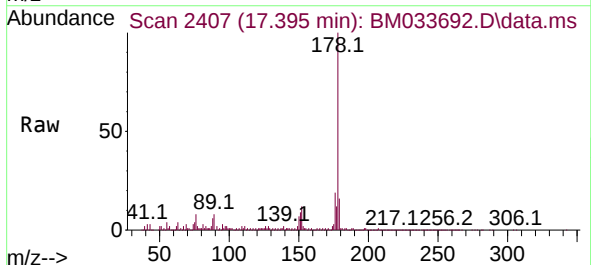
Instrument :
BNA_M
ClientSampleId :
OB-CS-13

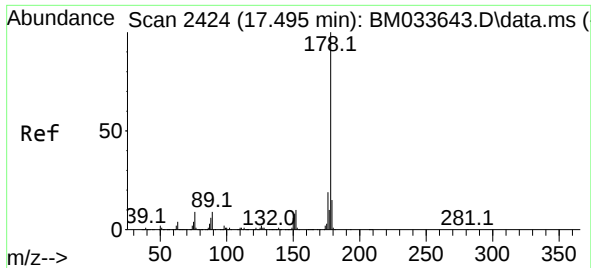
Tgt Ion:188 Resp: 1121201
Ion Ratio Lower Upper
188 100
94 8.6 7.5 11.3
80 9.5 8.9 13.3



#71
Phenanthrene
Concen: 7.056 ng
RT: 17.395 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BM033692.D
Acq: 10 Jan 2022 18:28

Tgt Ion:178 Resp: 452688
Ion Ratio Lower Upper
178 100
176 18.7 15.1 22.7
179 15.9 12.0 18.0

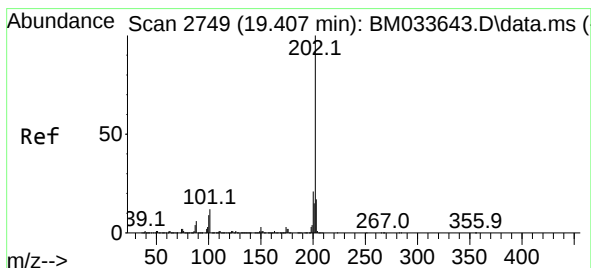
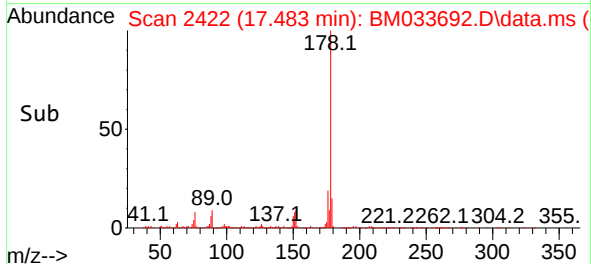
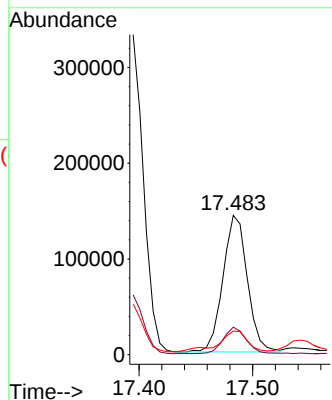
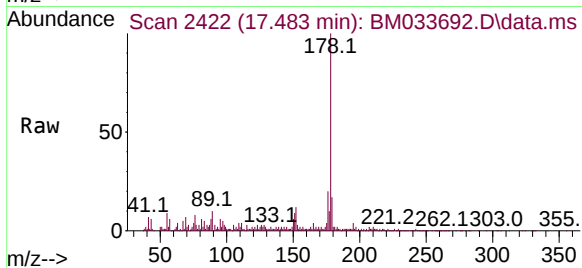




#72
 Anthracene
 Concen: 3.385 ng
 RT: 17.483 min Scan# 2424
 Delta R.T. -0.012 min
 Lab File: BM033692.D
 Acq: 10 Jan 2022 18:28

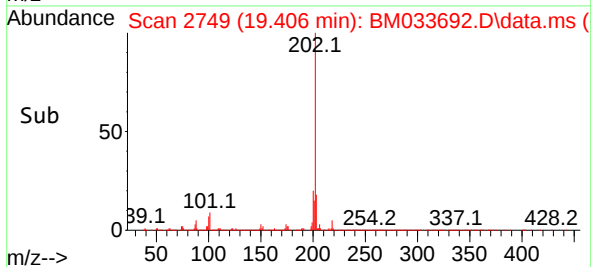
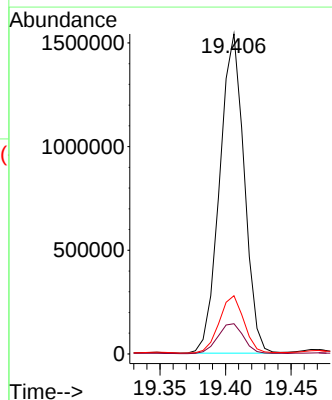
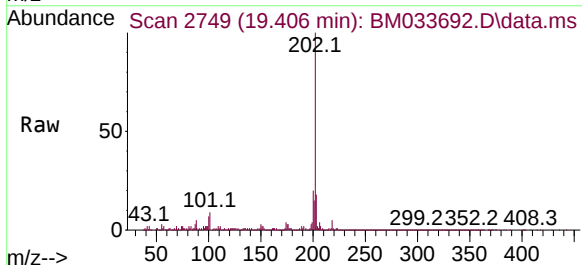
Instrument :
 BNA_M
 ClientSampleId :
 OB-CS-13

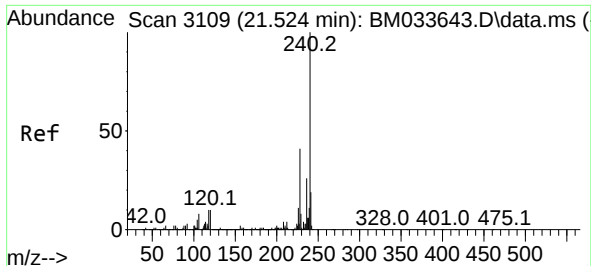
Tgt Ion:178 Resp: 213019
 Ion Ratio Lower Upper
 178 100
 176 19.7 14.5 21.7
 179 16.9 11.9 17.9



#75
 Fluoranthene
 Concen: 29.717 ng
 RT: 19.406 min Scan# 2749
 Delta R.T. -0.000 min
 Lab File: BM033692.D
 Acq: 10 Jan 2022 18:28

Tgt Ion:202 Resp: 2001559
 Ion Ratio Lower Upper
 202 100
 101 9.5 0.0 30.8
 203 18.2 0.0 37.2

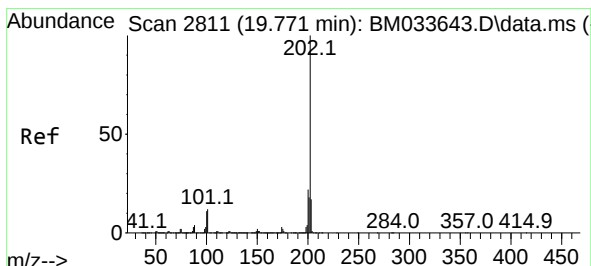
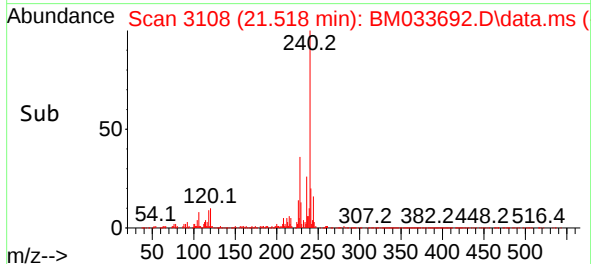
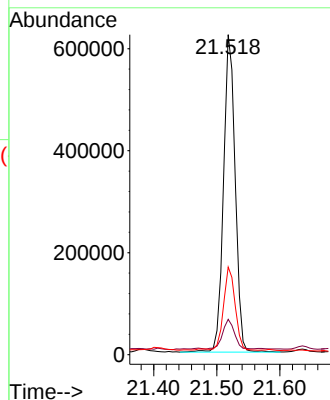
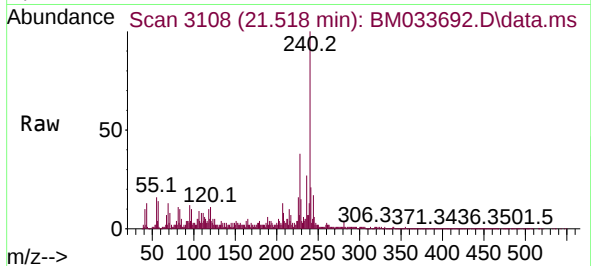




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.518 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM033692.D
Acq: 10 Jan 2022 18:28

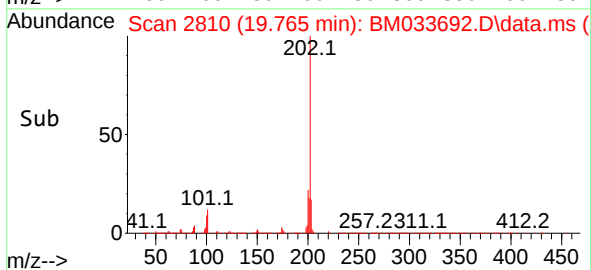
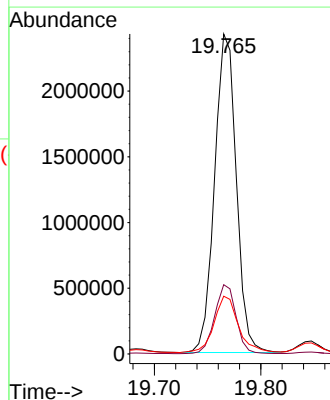
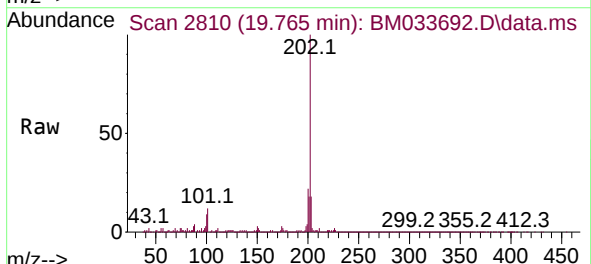
Instrument :
BNA_M
ClientSampleId :
OB-CS-13

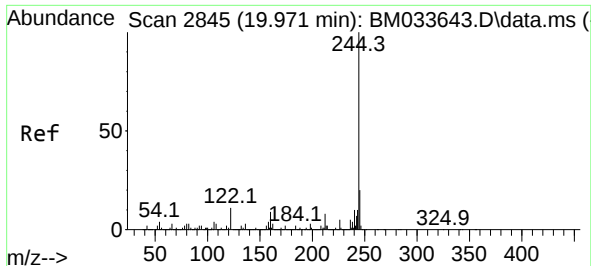
Tgt Ion:240 Resp: 800261
Ion Ratio Lower Upper
240 100
120 11.0 7.8 11.6
236 27.4 20.3 30.5



#78
Pyrene
Concen: 60.972 ng
RT: 19.765 min Scan# 2810
Delta R.T. -0.006 min
Lab File: BM033692.D
Acq: 10 Jan 2022 18:28

Tgt Ion:202 Resp: 3435378
Ion Ratio Lower Upper
202 100
200 21.7 16.4 24.6
203 18.0 13.5 20.3

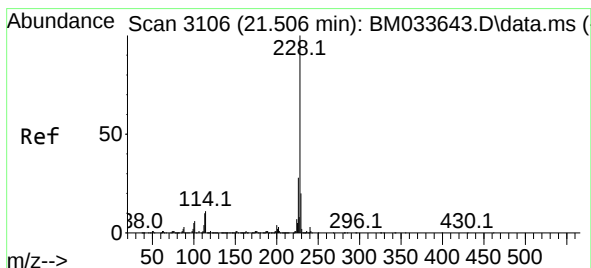
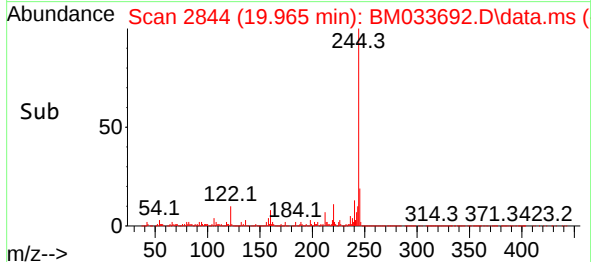
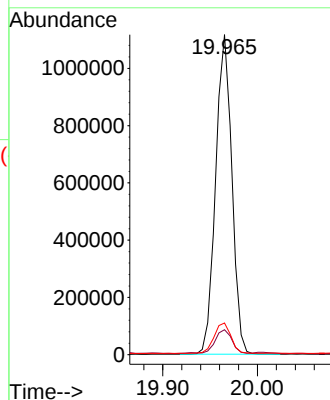
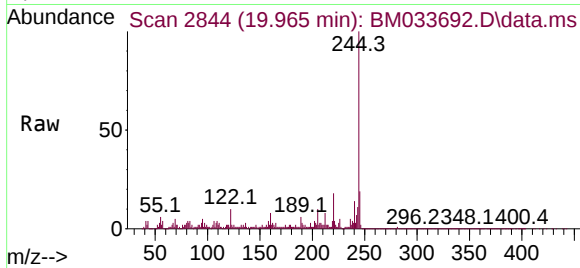




#79
 Terphenyl-d14
 Concen: 29.845 ng
 RT: 19.965 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM033692.D
 Acq: 10 Jan 2022 18:28

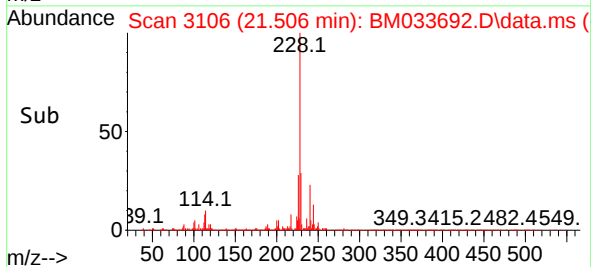
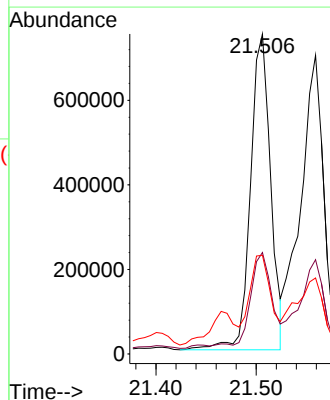
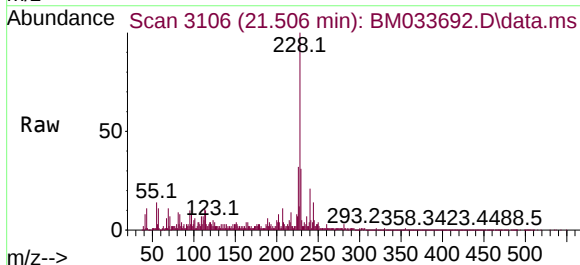
Instrument :
 BNA_M
 ClientSampleId :
 OB-CS-13

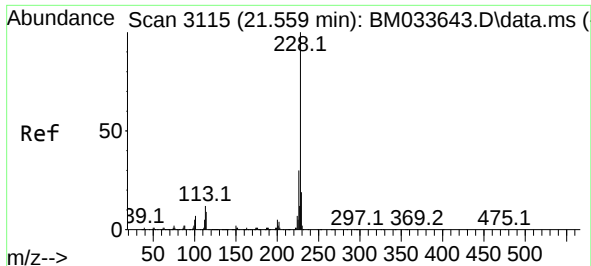
Tgt Ion:244 Resp: 1326886
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.9 8.9
 122 9.9 8.4 12.6



#81
 Benzo(a)anthracene
 Concen: 19.250 ng
 RT: 21.506 min Scan# 3106
 Delta R.T. -0.000 min
 Lab File: BM033692.D
 Acq: 10 Jan 2022 18:28

Tgt Ion:228 Resp: 1044615
 Ion Ratio Lower Upper
 228 100
 226 31.7 21.0 31.6#
 229 30.8 15.5 23.3#

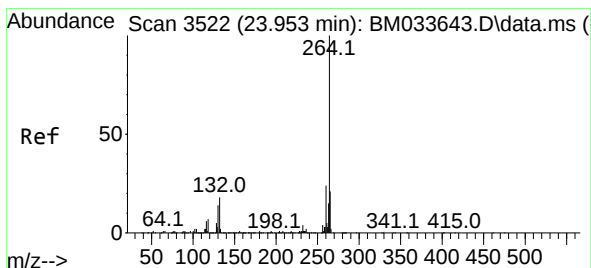
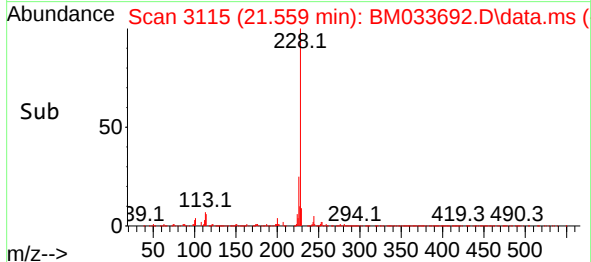
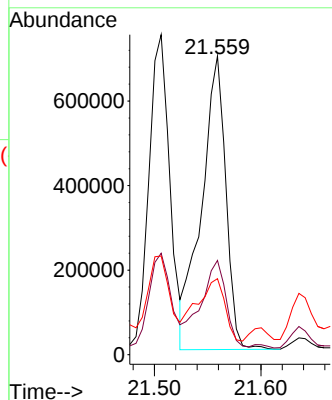
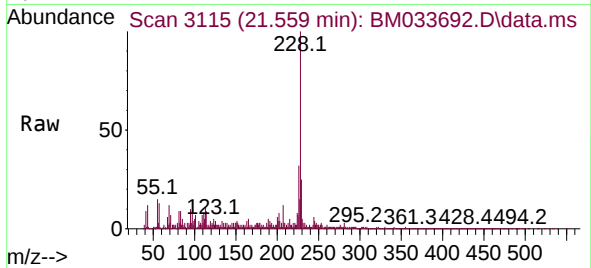




#83
Chrysene
Concen: 21.318 ng
RT: 21.559 min Scan# 3115
Delta R.T. -0.000 min
Lab File: BM033692.D
Acq: 10 Jan 2022 18:28

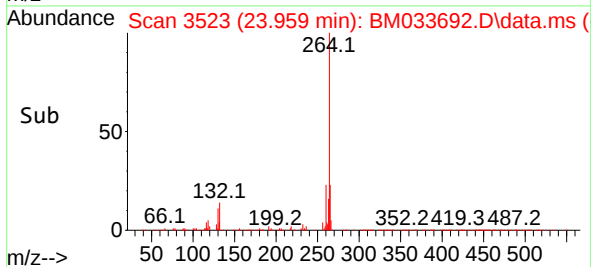
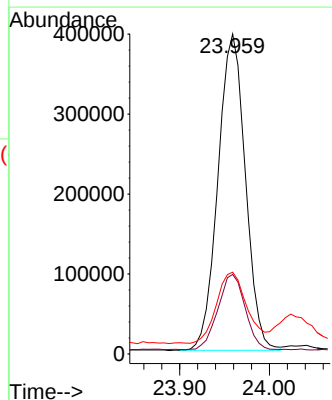
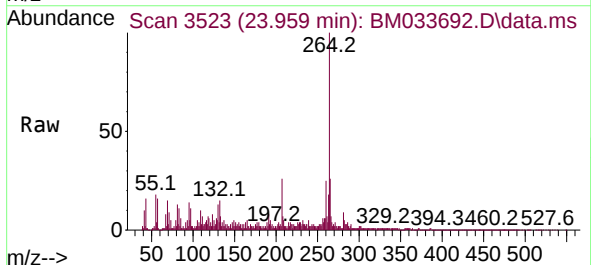
Instrument :
BNA_M
ClientSampleId :
OB-CS-13

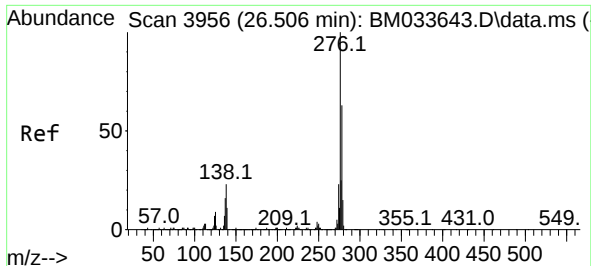
Tgt Ion:228 Resp: 1107034
Ion Ratio Lower Upper
228 100
226 31.5 23.8 35.8
229 25.5 15.8 23.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.959 min Scan# 3523
Delta R.T. 0.006 min
Lab File: BM033692.D
Acq: 10 Jan 2022 18:28

Tgt Ion:264 Resp: 838112
Ion Ratio Lower Upper
264 100
260 24.9 17.7 26.5
265 25.6 17.7 26.5

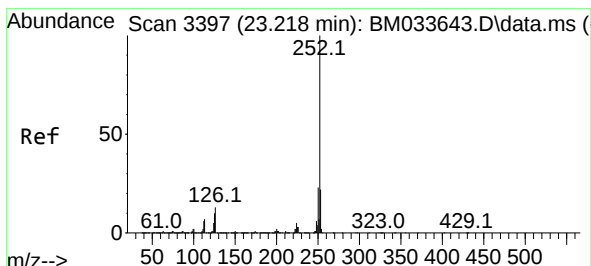
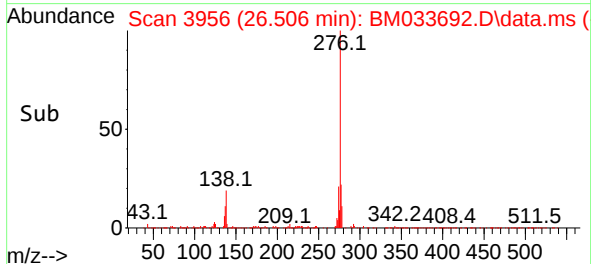
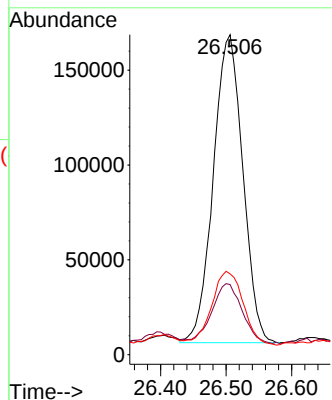
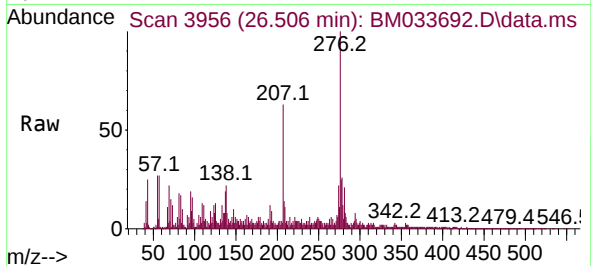




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 8.196 ng
 RT: 26.506 min Scan# 3956
 Delta R.T. -0.000 min
 Lab File: BM033692.D
 Acq: 10 Jan 2022 18:28

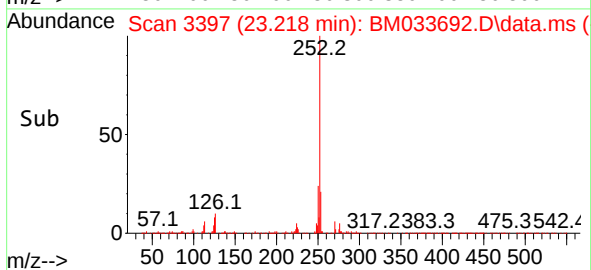
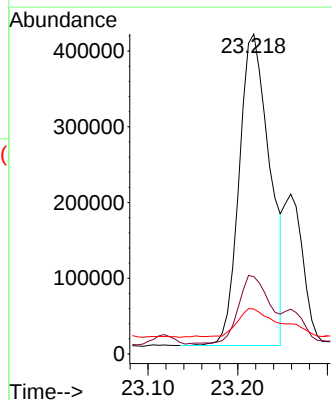
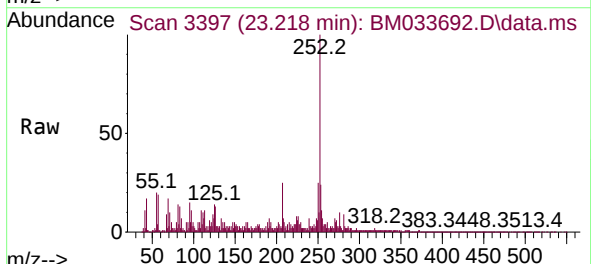
Instrument :
 BNA_M
 ClientSampleId :
 OB-CS-13

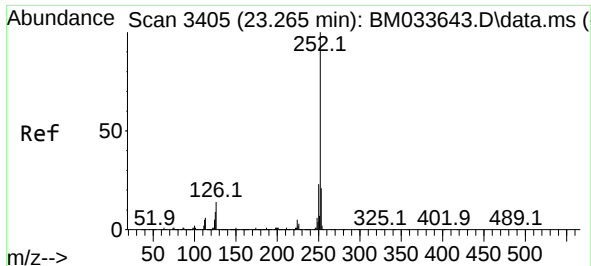
Tgt Ion:276 Resp: 506555
 Ion Ratio Lower Upper
 276 100
 138 20.0 18.7 28.1
 277 25.8 20.2 30.4



#88
 Benzo(b)fluoranthene
 Concen: 18.338 ng
 RT: 23.218 min Scan# 3397
 Delta R.T. -0.000 min
 Lab File: BM033692.D
 Acq: 10 Jan 2022 18:28

Tgt Ion:252 Resp: 979864
 Ion Ratio Lower Upper
 252 100
 253 24.1 17.1 25.7
 125 14.1 7.4 11.2#

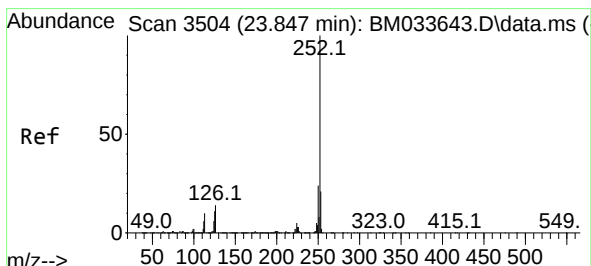
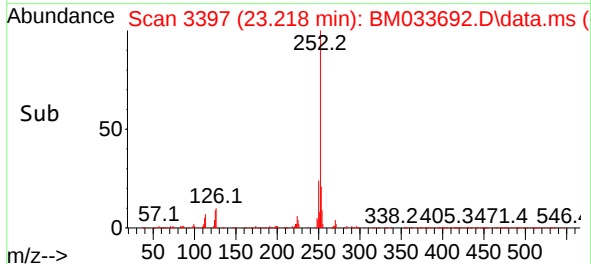
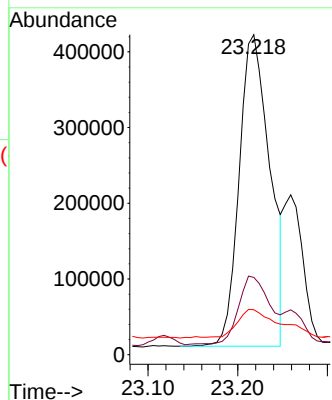
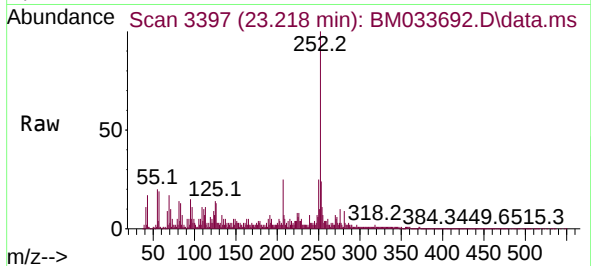




#89
Benzo(k)fluoranthene
Concen: 18.921 ng
RT: 23.218 min Scan# 31
Delta R.T. -0.047 min
Lab File: BM033692.D
Acq: 10 Jan 2022 18:28

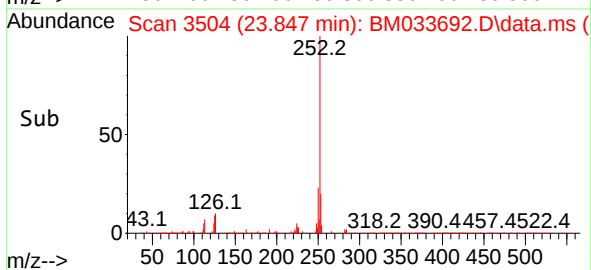
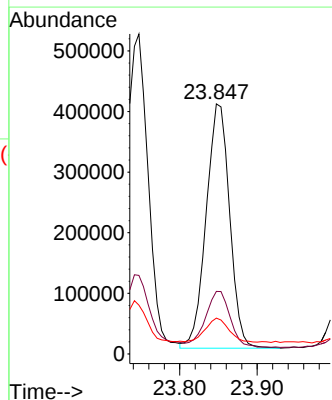
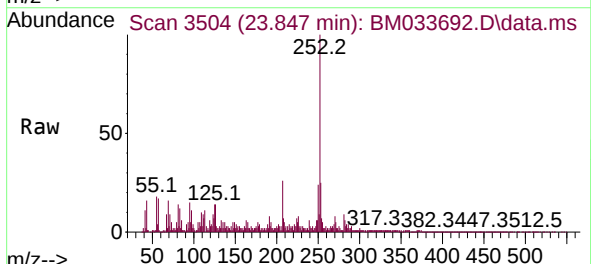
Instrument :
BNA_M
ClientSampleId :
OB-CS-13

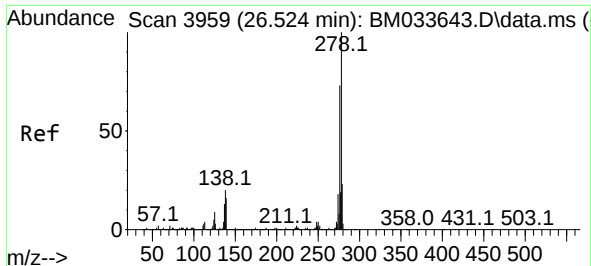
Tgt Ion:252 Resp: 979864
Ion Ratio Lower Upper
252 100
253 24.1 17.8 26.8
125 14.1 8.1 12.1#



#90
Benzo(a)pyrene
Concen: 19.183 ng
RT: 23.847 min Scan# 3504
Delta R.T. -0.000 min
Lab File: BM033692.D
Acq: 10 Jan 2022 18:28

Tgt Ion:252 Resp: 850743
Ion Ratio Lower Upper
252 100
253 25.0 17.5 26.3
125 14.3 7.8 11.8#

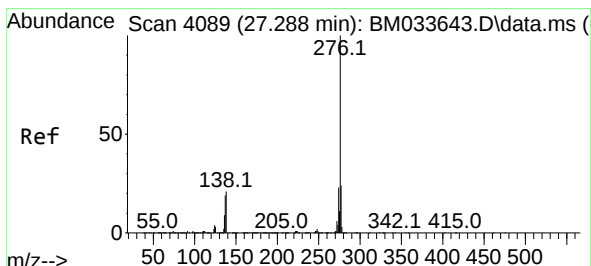
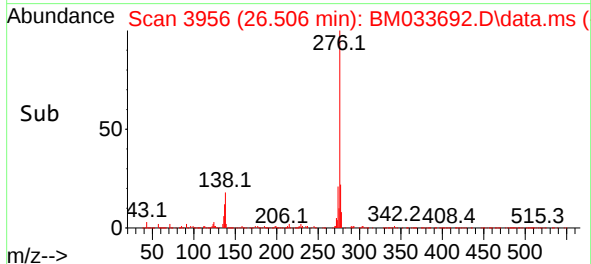
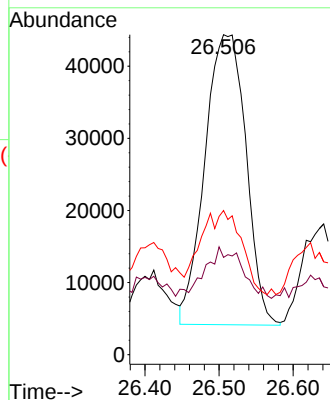
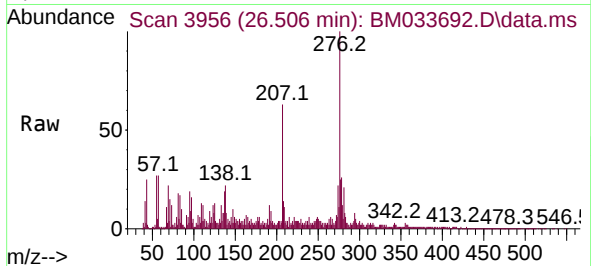




#91
Dibenzo(a,h)anthracene
Concen: 3.016 ng
RT: 26.506 min Scan# 3956
Delta R.T. -0.018 min
Lab File: BM033692.D
Acq: 10 Jan 2022 18:28

Instrument :
BNA_M
ClientSampleId :
OB-CS-13

Tgt Ion:278 Resp: 154828
Ion Ratio Lower Upper
278 100
139 30.4 10.9 16.3#
279 45.1 17.7 26.5#



#92
Benzo(g,h,i)perylene
Concen: 16.348 ng
RT: 27.300 min Scan# 4091
Delta R.T. 0.012 min
Lab File: BM033692.D
Acq: 10 Jan 2022 18:28

Tgt Ion:276 Resp: 825076
Ion Ratio Lower Upper
276 100
277 25.1 19.1 28.7
138 20.0 14.8 22.2

