

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010722\
 Data File : BM033682.D
 Acq On : 07 Jan 2022 23:05
 Operator : CG/JU
 Sample : N1065-26
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 AMI-7

Quant Time: Jan 08 06:55:23 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)

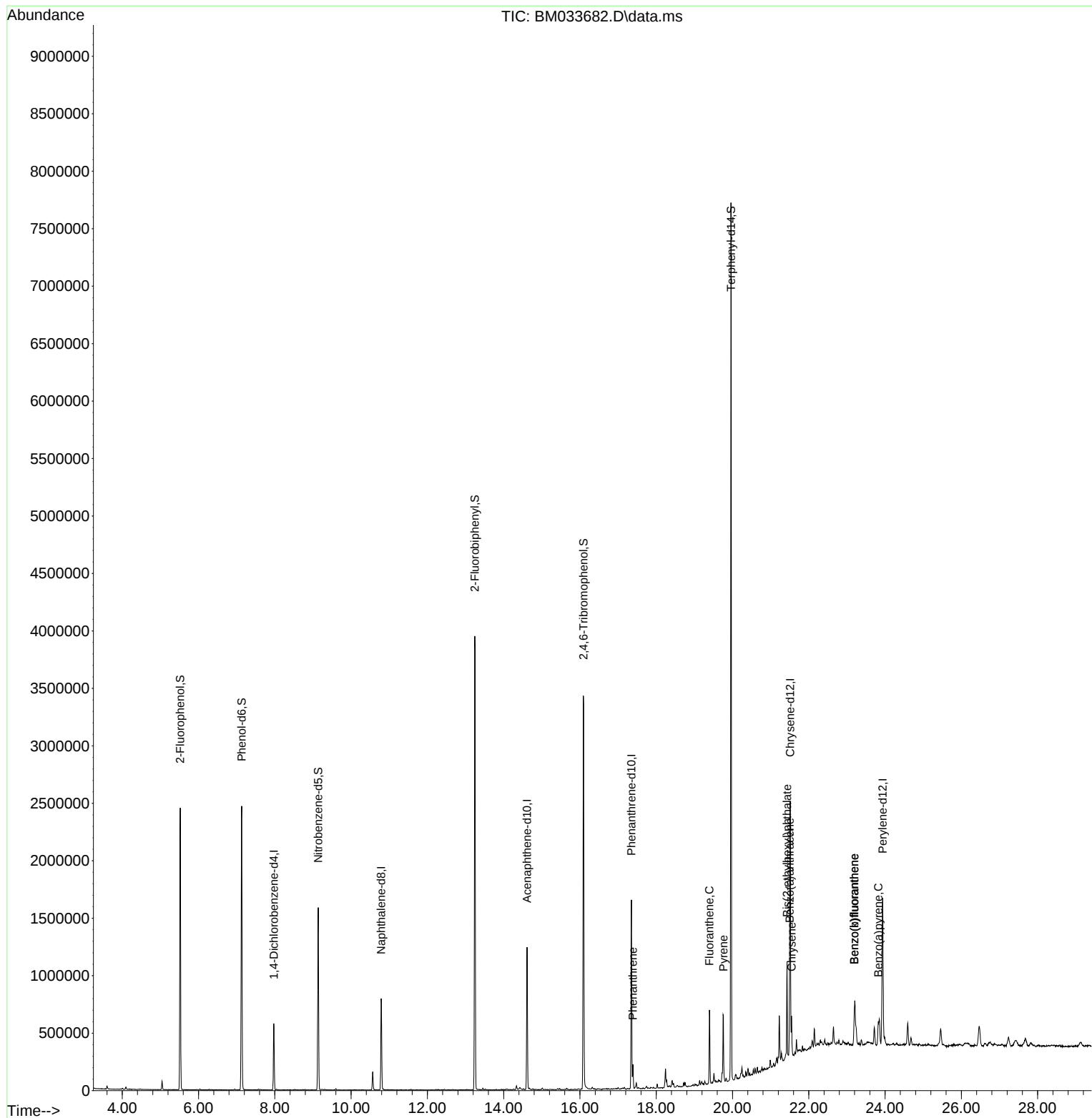
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.972	152	147128	20.000	ng	-0.01
21) Naphthalene-d8	10.789	136	615151	20.000	ng	-0.02
39) Acenaphthene-d10	14.613	164	418107	20.000	ng	-0.01
64) Phenanthrene-d10	17.348	188	919354	20.000	ng	-0.01
76) Chrysene-d12	21.512	240	1001194	20.000	ng	-0.01
86) Perylene-d12	23.936	264	934906	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.519	112	964407	103.380	ng	0.00
7) Phenol-d6	7.131	99	1279654	101.778	ng	0.00
23) Nitrobenzene-d5	9.137	82	861770	64.698	ng	-0.02
42) 2,4,6-Tribromophenol	16.095	330	593376	135.877	ng	-0.01
45) 2-Fluorobiphenyl	13.242	172	1900929	59.550	ng	-0.02
79) Terphenyl-d14	19.959	244	3208041	57.676	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	7.078	77	152	Below Cal	#	49
71) Phenanthrene	17.389	178	117067	2.225	ng	99
75) Fluoranthene	19.395	202	358763	6.496	ng	99
78) Pyrene	19.759	202	342779	4.863	ng	99
81) Benzo(a)anthracene	21.495	228	176625	2.602	ng	94
83) Chrysene	21.547	228	182658	2.811	ng	99
84) Bis(2-ethylhexyl)phtha...	21.430	149	260146	5.424	ng	99
88) Benzo(b)fluoranthene	23.194	252	325841	5.467	ng	# 96
89) Benzo(k)fluoranthene	23.194	252	325841	5.640	ng	98
90) Benzo(a)pyrene	23.824	252	142635	2.883	ng	# 96

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

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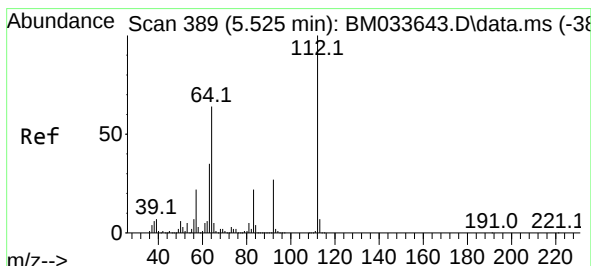
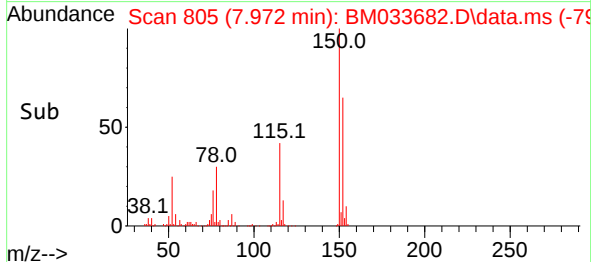
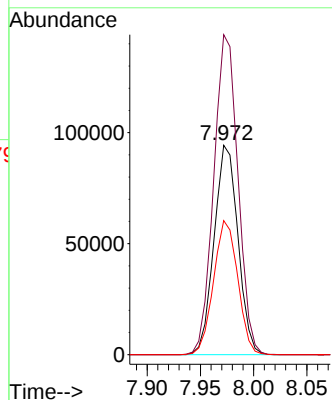
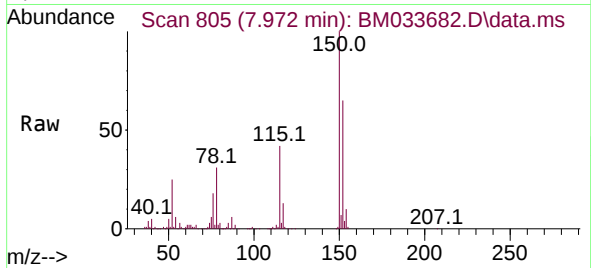




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.972 min Scan# 807
Delta R.T. -0.012 min
Lab File: BM033682.D
Acq: 07 Jan 2022 23:05

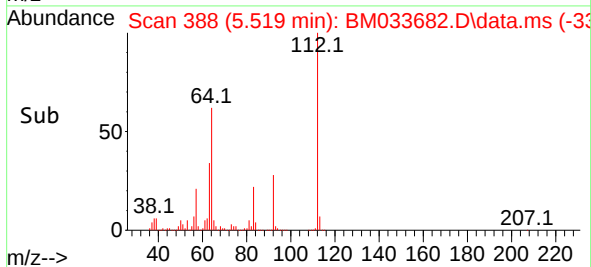
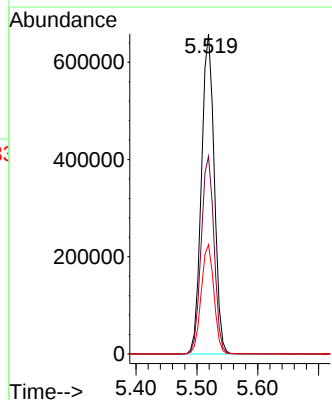
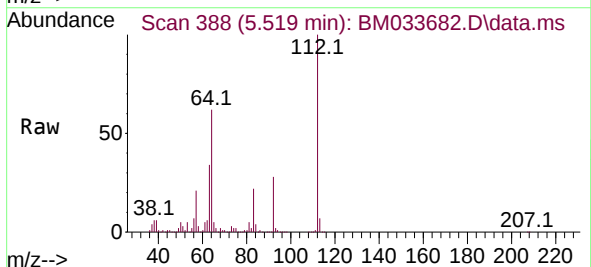
Instrument :
BNA_M
ClientSampleId :
AMI-7

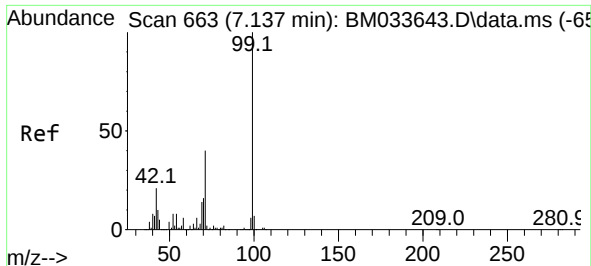
Tgt Ion:152 Resp: 147128
Ion Ratio Lower Upper
152 100
150 152.8 128.9 193.3
115 64.0 53.0 79.6



#5
2-Fluorophenol
Concen: 103.380 ng
RT: 5.519 min Scan# 388
Delta R.T. -0.006 min
Lab File: BM033682.D
Acq: 07 Jan 2022 23:05

Tgt Ion:112 Resp: 964407
Ion Ratio Lower Upper
112 100
64 61.8 55.5 83.3
63 34.1 31.3 46.9

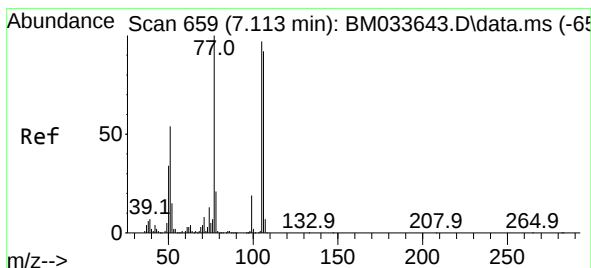
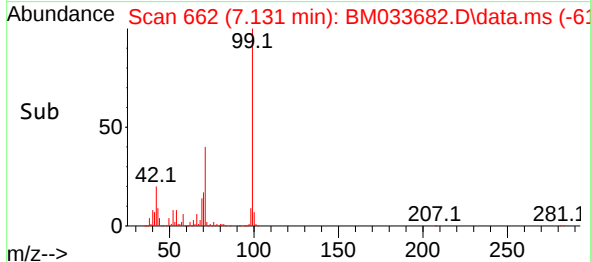
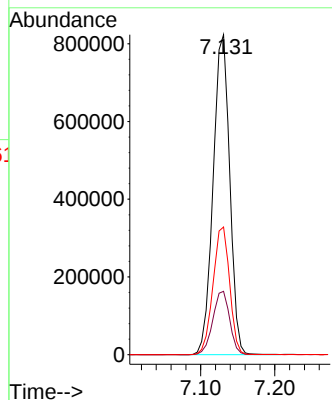
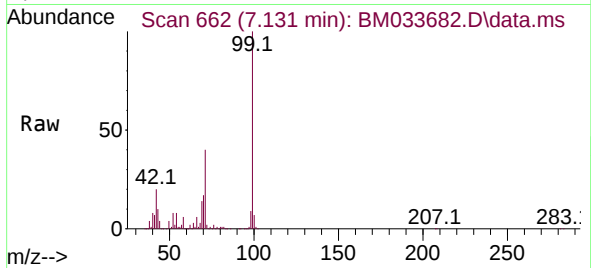




#7
Phenol-d6
Concen: 101.778 ng
RT: 7.131 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM033682.D
Acq: 07 Jan 2022 23:05

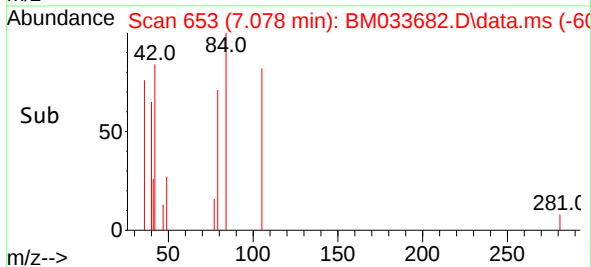
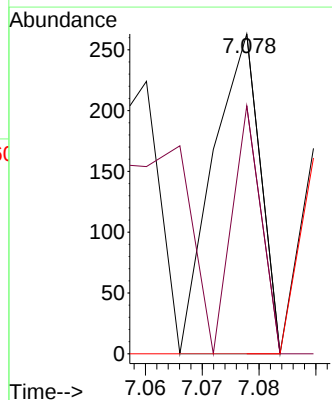
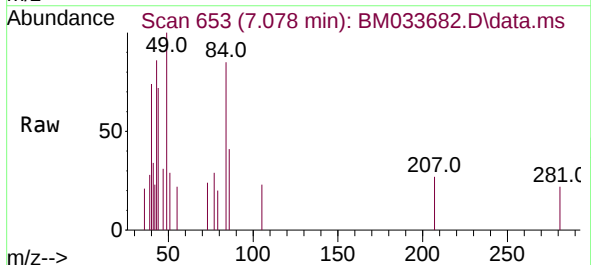
Instrument :
BNA_M
ClientSampleId :
AMI-7

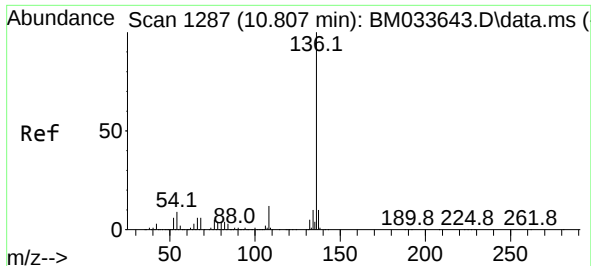
Tgt Ion: 99 Resp: 1279654
Ion Ratio Lower Upper
99 100
42 19.8 20.3 30.5#
71 39.9 34.5 51.7



#9
Benzaldehyde
Concen: Below Cal
RT: 7.078 min Scan# 653
Delta R.T. -0.035 min
Lab File: BM033682.D
Acq: 07 Jan 2022 23:05

Tgt Ion: 77 Resp: 152
Ion Ratio Lower Upper
77 100
105 77.6 67.1 107.1
106 0.0 64.3 104.3#

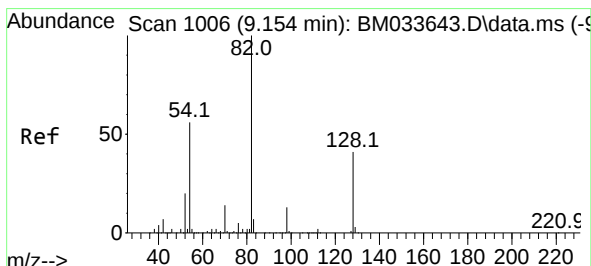
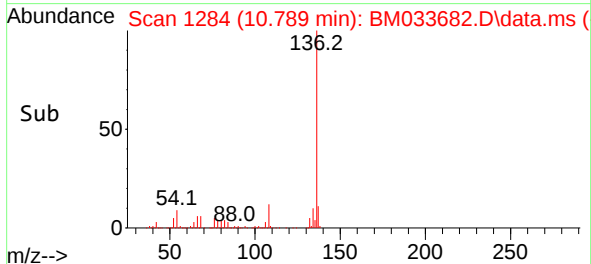
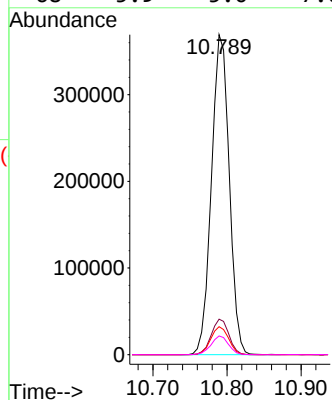
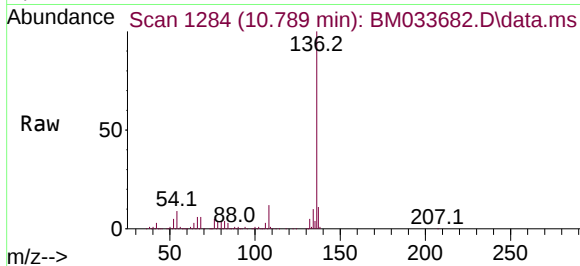




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.789 min Scan# 1003
Delta R.T. -0.018 min
Lab File: BM033682.D
Acq: 07 Jan 2022 23:05

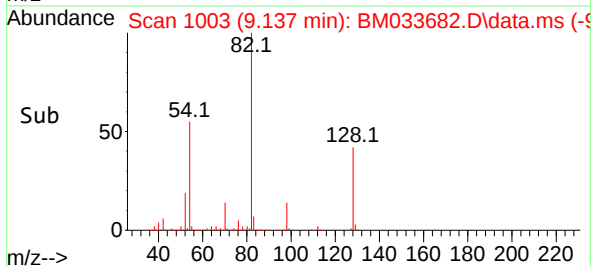
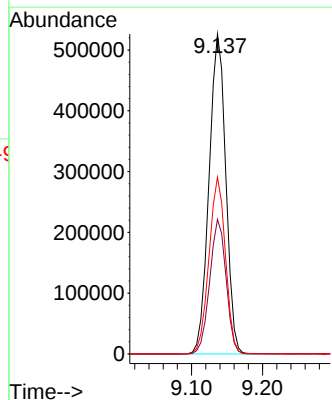
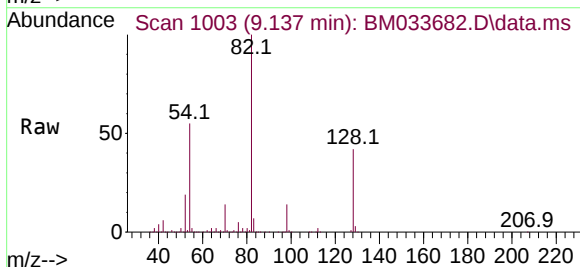
Instrument :
BNA_M
ClientSampleId :
AMI-7

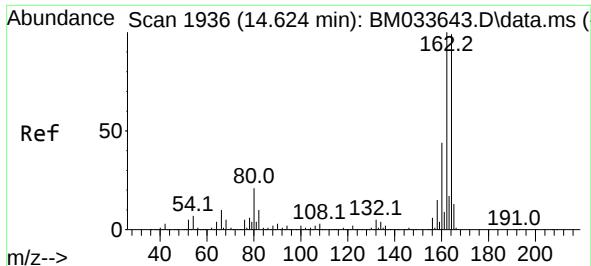
Tgt Ion:136	Resp: 615151
Ion Ratio	Lower Upper
136	100
137	11.1 8.6 13.0
54	8.8 8.3 12.5
68	5.9 5.0 7.6



#23
Nitrobenzene-d5
Concen: 64.698 ng
RT: 9.137 min Scan# 1003
Delta R.T. -0.018 min
Lab File: BM033682.D
Acq: 07 Jan 2022 23:05

Tgt Ion: 82	Resp: 861770
Ion Ratio	Lower Upper
82	100
128	42.0 28.1 42.1
54	55.3 46.1 69.1

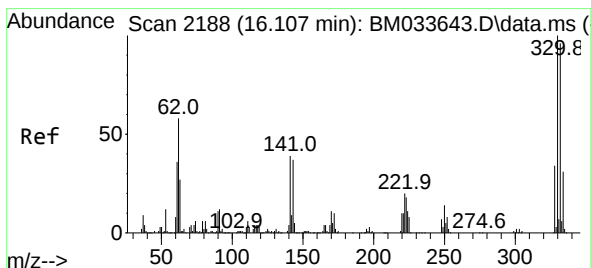
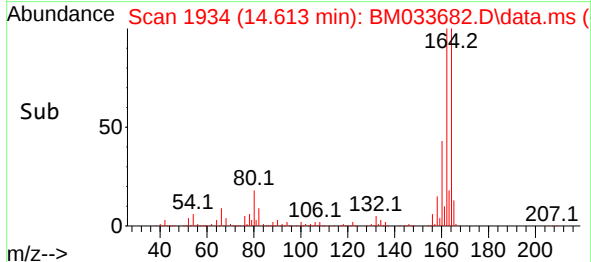
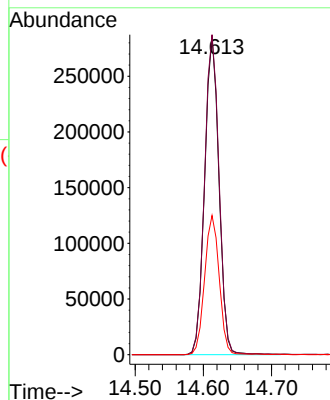
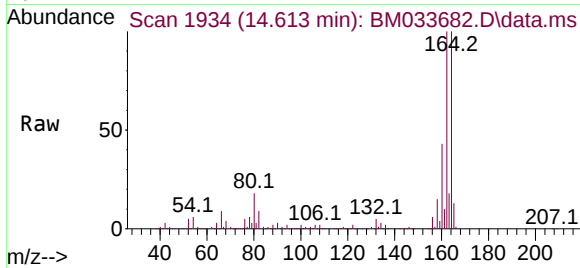




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.613 min Scan# 1934
Delta R.T. -0.012 min
Lab File: BM033682.D
Acq: 07 Jan 2022 23:05

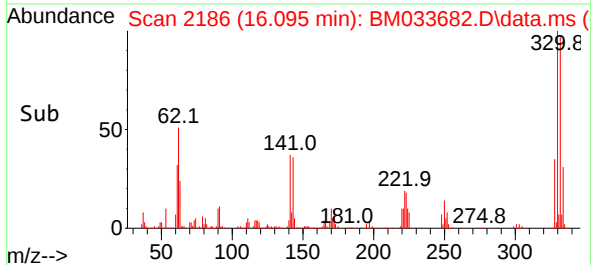
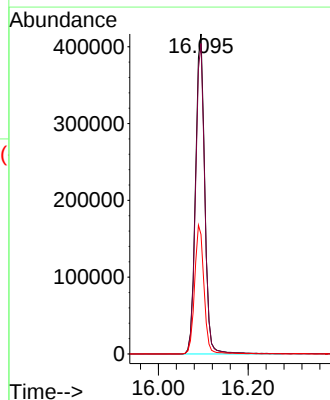
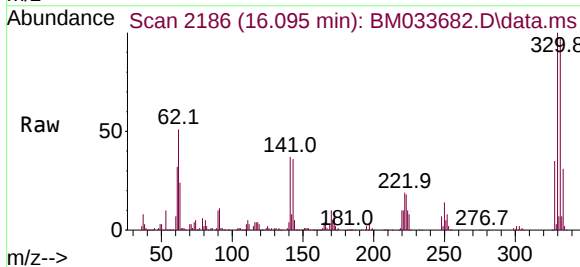
Instrument :
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ClientSampleId :
AMI-7

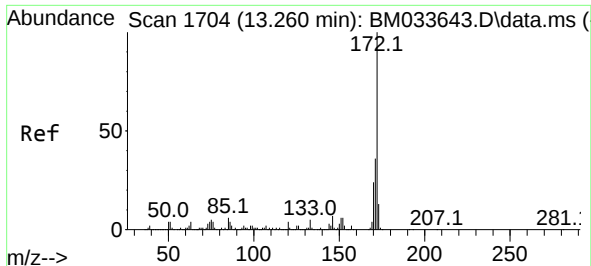
Tgt Ion:164 Resp: 418107
Ion Ratio Lower Upper
164 100
162 100.4 79.7 119.5
160 43.7 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 135.877 ng
RT: 16.095 min Scan# 2186
Delta R.T. -0.012 min
Lab File: BM033682.D
Acq: 07 Jan 2022 23:05

Tgt Ion:330 Resp: 593376
Ion Ratio Lower Upper
330 100
332 96.3 76.5 114.7
141 41.0 35.9 53.9

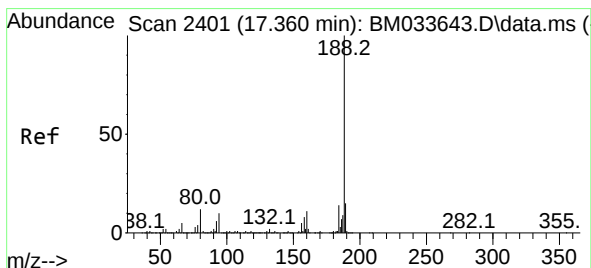
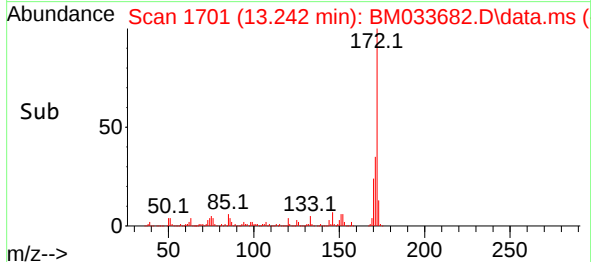
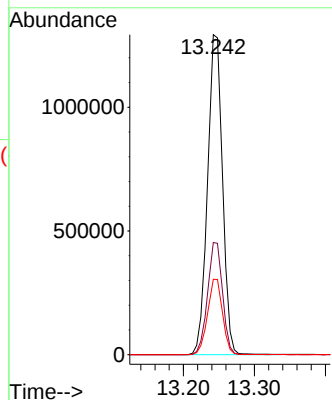
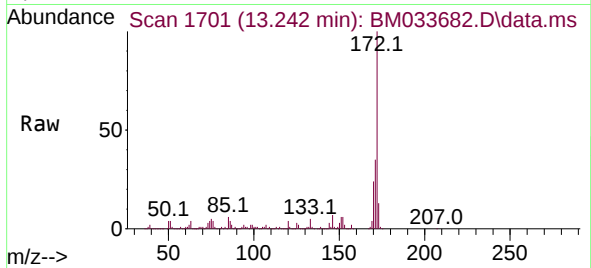




#45
2-Fluorobiphenyl
Concen: 59.550 ng
RT: 13.242 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM033682.D
Acq: 07 Jan 2022 23:05

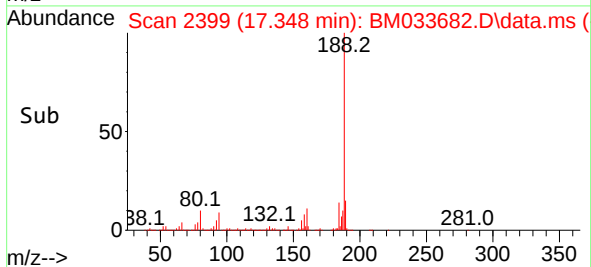
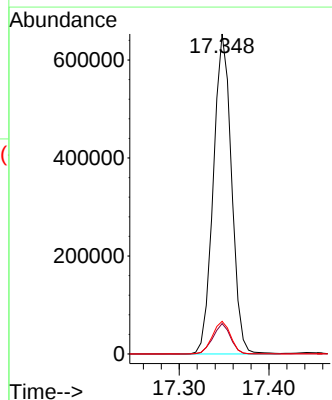
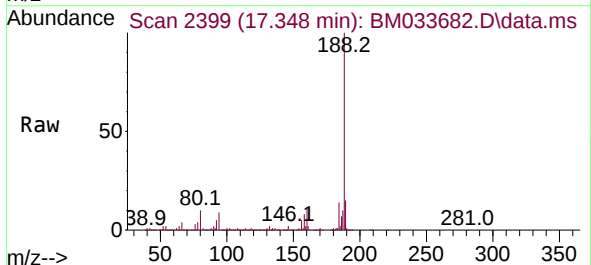
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ClientSampleId :
AMI-7

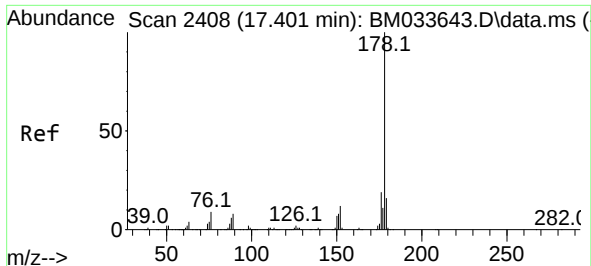
Tgt Ion:172 Resp: 1900929
Ion Ratio Lower Upper
172 100
171 35.1 27.2 40.8
170 23.6 18.7 28.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.348 min Scan# 2399
Delta R.T. -0.012 min
Lab File: BM033682.D
Acq: 07 Jan 2022 23:05

Tgt Ion:188 Resp: 919354
Ion Ratio Lower Upper
188 100
94 9.5 7.5 11.3
80 10.2 8.9 13.3

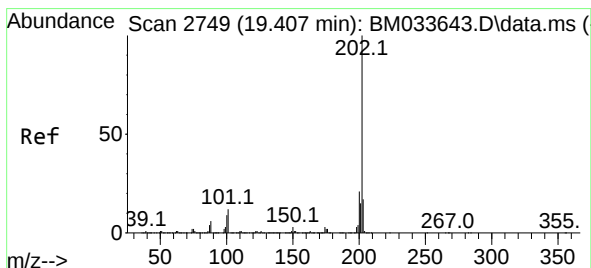
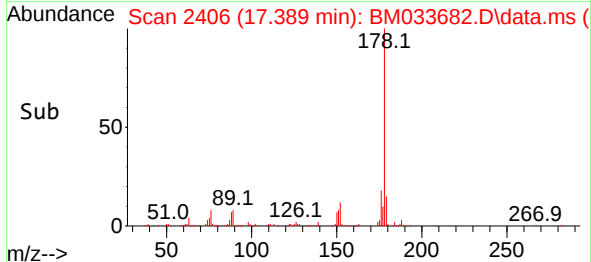
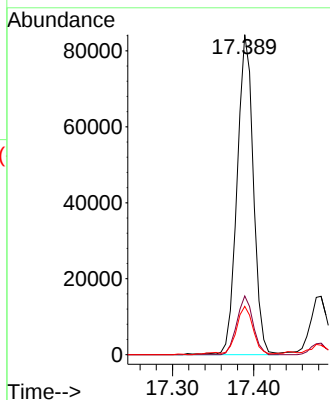
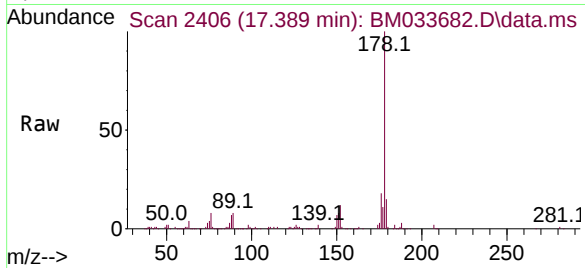




#71
Phenanthrene
Concen: 2.225 ng
RT: 17.389 min Scan# 2406
Delta R.T. -0.012 min
Lab File: BM033682.D
Acq: 07 Jan 2022 23:05

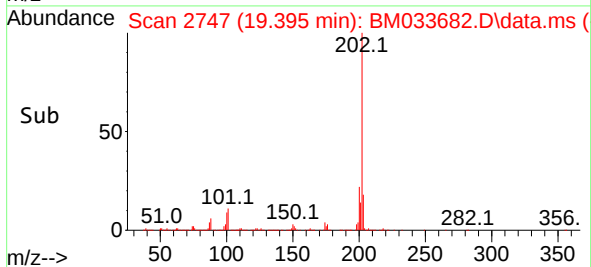
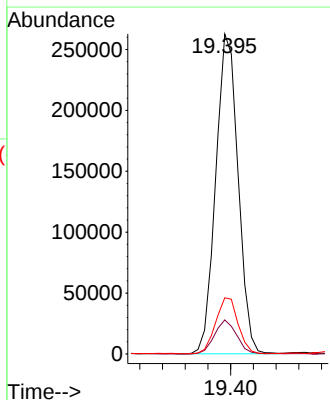
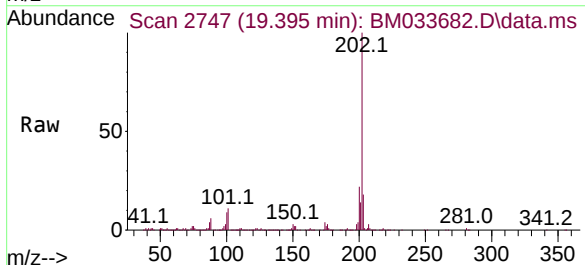
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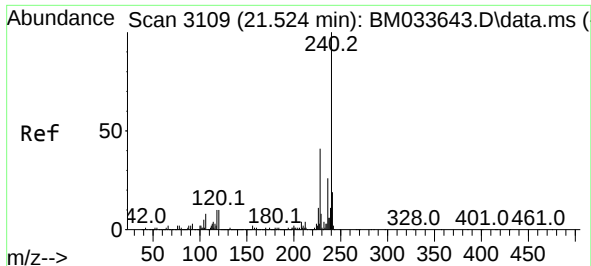
Tgt Ion:178 Resp: 117067
Ion Ratio Lower Upper
178 100
176 18.4 15.1 22.7
179 15.1 12.0 18.0



#75
Fluoranthene
Concen: 6.496 ng
RT: 19.395 min Scan# 2747
Delta R.T. -0.012 min
Lab File: BM033682.D
Acq: 07 Jan 2022 23:05

Tgt Ion:202 Resp: 358763
Ion Ratio Lower Upper
202 100
101 10.6 0.0 30.8
203 17.5 0.0 37.2

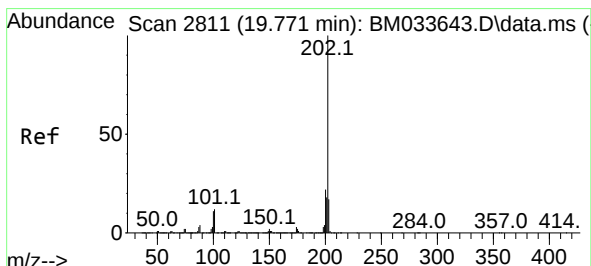
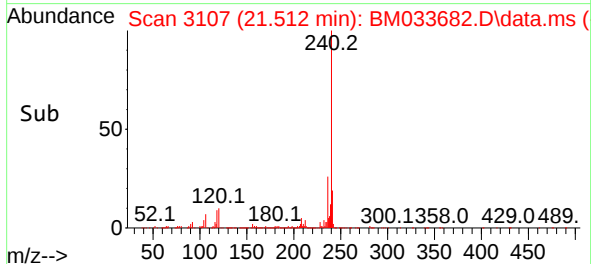
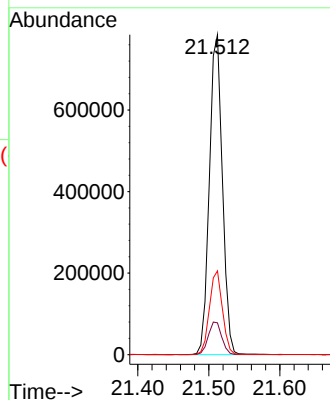
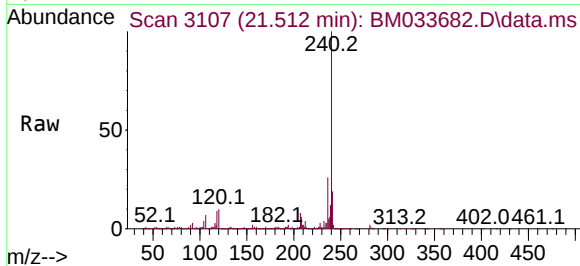




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.512 min Scan# 3109
Delta R.T. -0.012 min
Lab File: BM033682.D
Acq: 07 Jan 2022 23:05

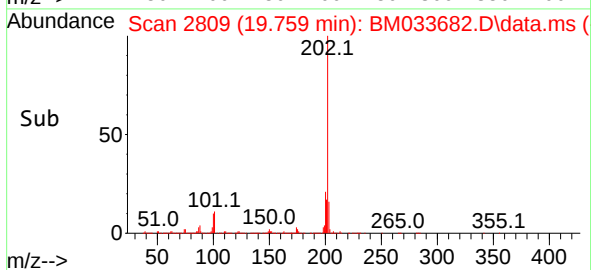
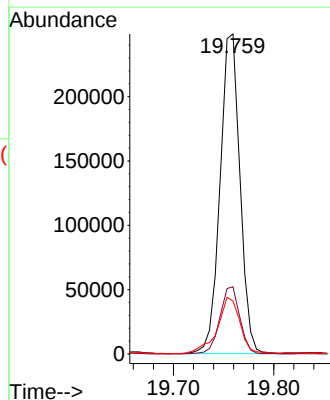
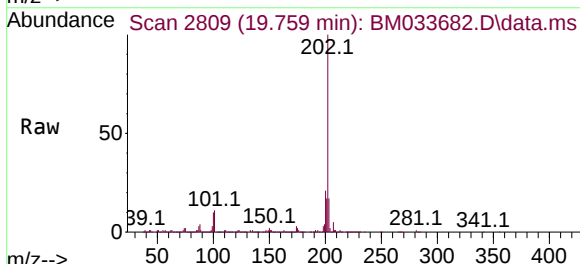
Instrument :
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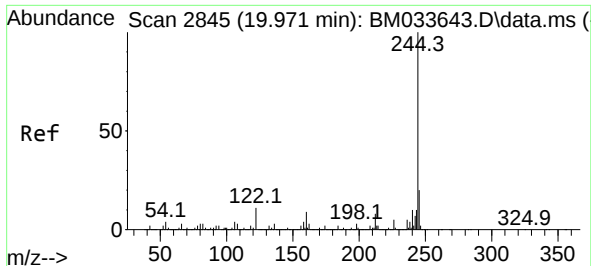
Tgt Ion:240 Resp: 1001194
Ion Ratio Lower Upper
240 100
120 10.0 7.8 11.6
236 26.2 20.3 30.5



#78
Pyrene
Concen: 4.863 ng
RT: 19.759 min Scan# 2809
Delta R.T. -0.012 min
Lab File: BM033682.D
Acq: 07 Jan 2022 23:05

Tgt Ion:202 Resp: 342779
Ion Ratio Lower Upper
202 100
200 21.0 16.4 24.6
203 16.6 13.5 20.3

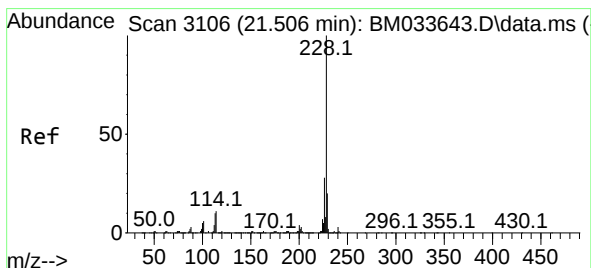
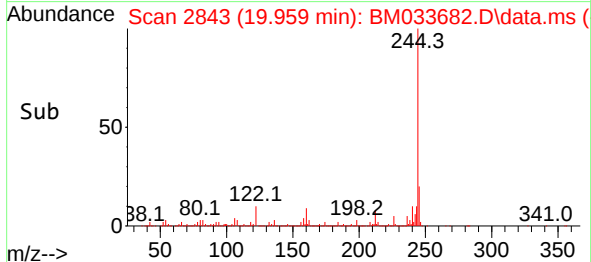
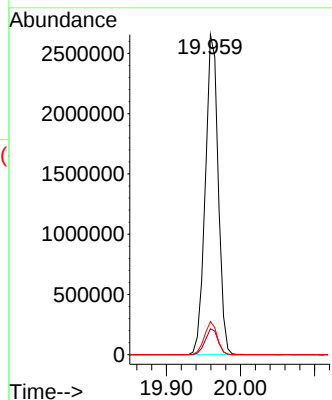
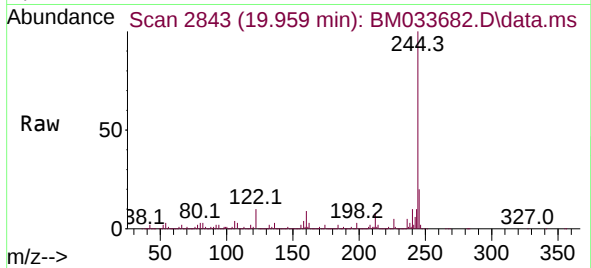




#79
 Terphenyl-d14
 Concen: 57.676 ng
 RT: 19.959 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM033682.D
 Acq: 07 Jan 2022 23:05

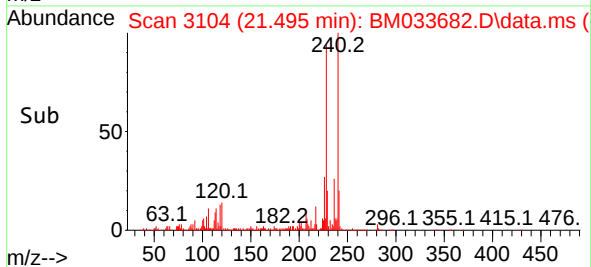
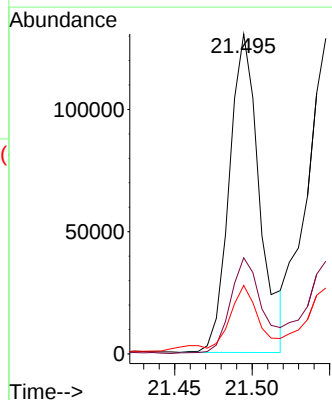
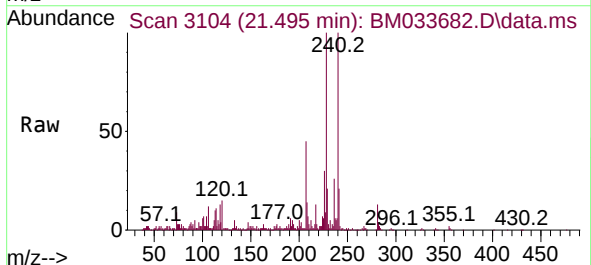
Instrument :
 BNA_M
 ClientSampleId :
 AMI-7

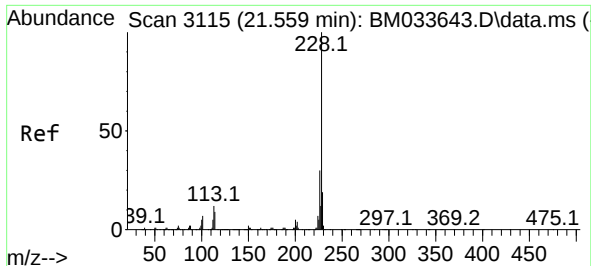
Tgt Ion:244 Resp: 3208041
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.9 8.9
 122 10.3 8.4 12.6



#81
 Benzo(a)anthracene
 Concen: 2.602 ng
 RT: 21.495 min Scan# 3104
 Delta R.T. -0.012 min
 Lab File: BM033682.D
 Acq: 07 Jan 2022 23:05

Tgt Ion:228 Resp: 176625
 Ion Ratio Lower Upper
 228 100
 226 30.0 21.0 31.6
 229 21.4 15.5 23.3

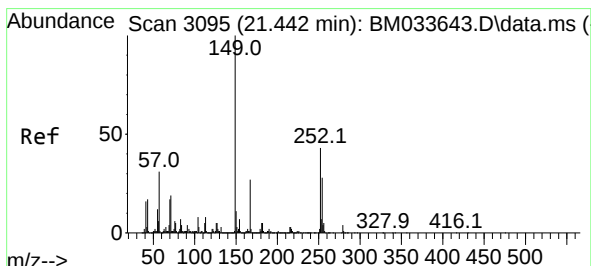
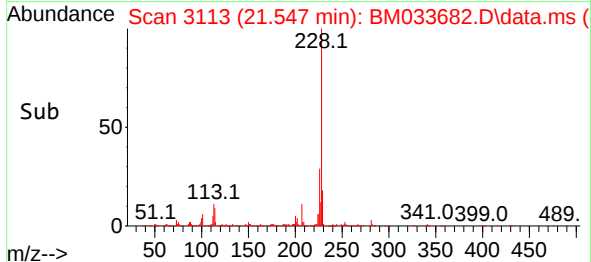
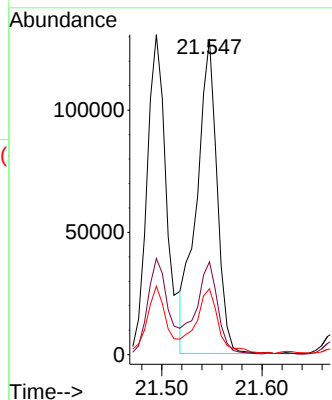
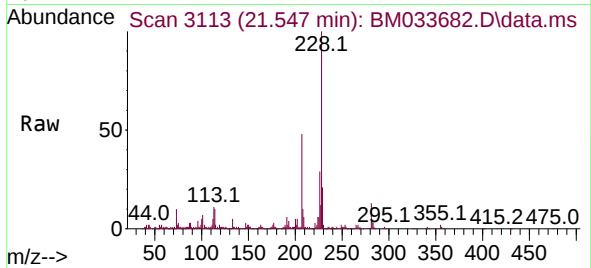




#83
Chrysene
Concen: 2.811 ng
RT: 21.547 min Scan# 3115
Delta R.T. -0.012 min
Lab File: BM033682.D
Acq: 07 Jan 2022 23:05

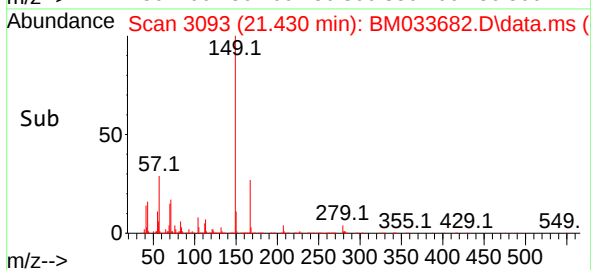
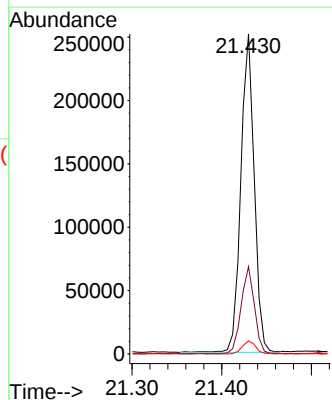
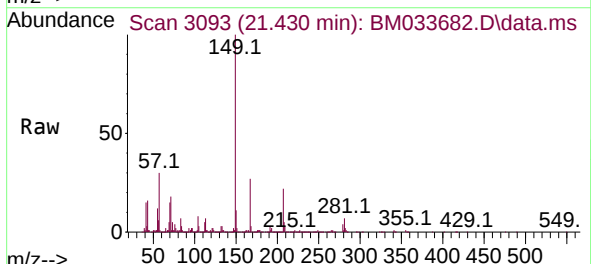
Instrument :
BNA_M
ClientSampleId :
AMI-7

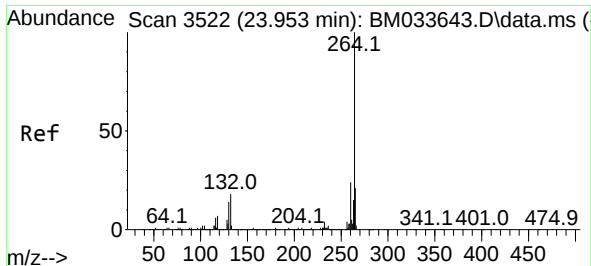
Tgt Ion:228	Resp: 182658
Ion Ratio	Lower Upper
228 100	
226 29.4	23.8 35.8
229 20.9	15.8 23.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 5.424 ng
RT: 21.430 min Scan# 3093
Delta R.T. -0.012 min
Lab File: BM033682.D
Acq: 07 Jan 2022 23:05

Tgt Ion:149	Resp: 260146
Ion Ratio	Lower Upper
149 100	
167 27.3	21.4 32.0
279 4.1	3.0 4.6

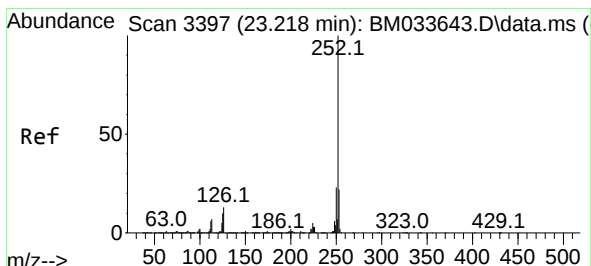
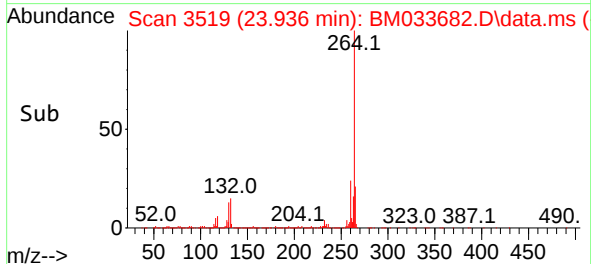
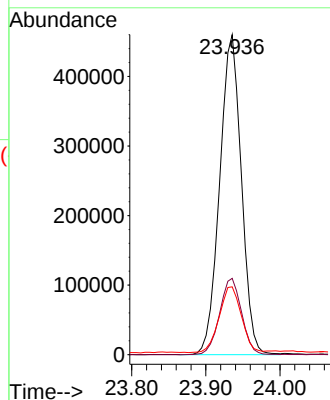
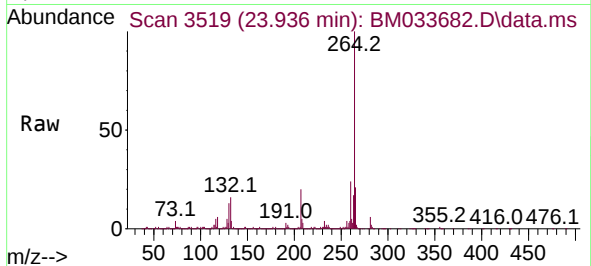




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.936 min Scan# 31
Delta R.T. -0.018 min
Lab File: BM033682.D
Acq: 07 Jan 2022 23:05

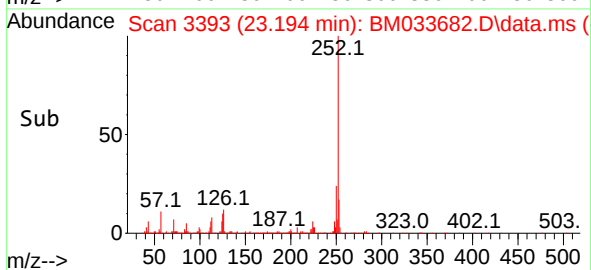
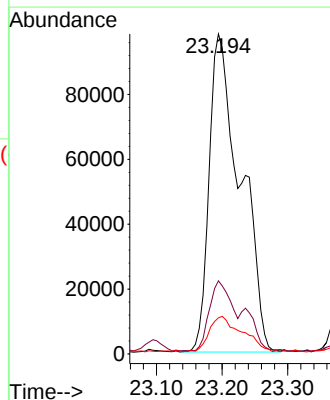
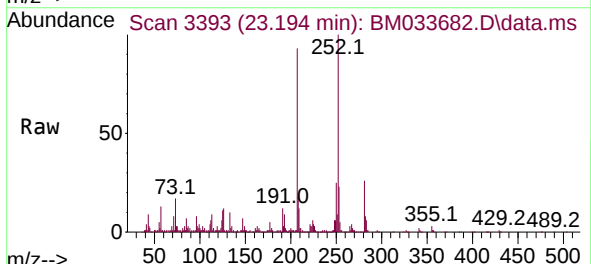
Instrument :
BNA_M
ClientSampleId :
AMI-7

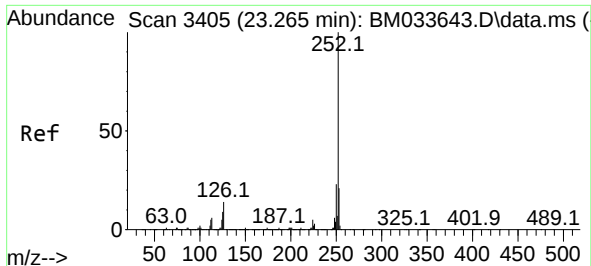
Tgt Ion:264 Resp: 934906
Ion Ratio Lower Upper
264 100
260 23.9 17.7 26.5
265 21.2 17.7 26.5



#88
Benzo(b)fluoranthene
Concen: 5.467 ng
RT: 23.194 min Scan# 3393
Delta R.T. -0.024 min
Lab File: BM033682.D
Acq: 07 Jan 2022 23:05

Tgt Ion:252 Resp: 325841
Ion Ratio Lower Upper
252 100
253 22.9 17.1 25.7
125 11.3 7.4 11.2#

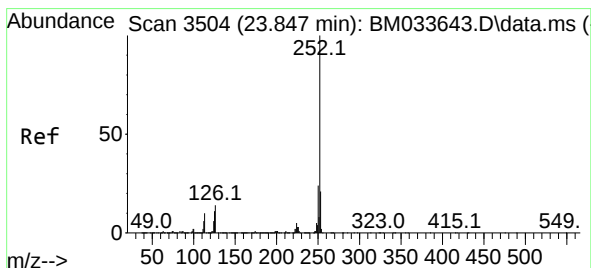
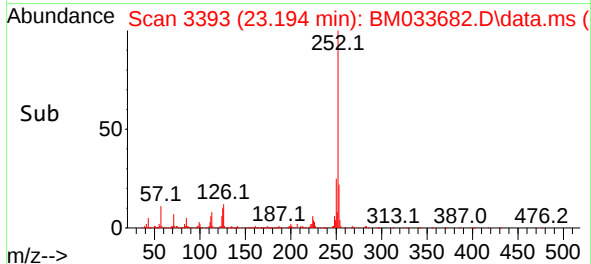
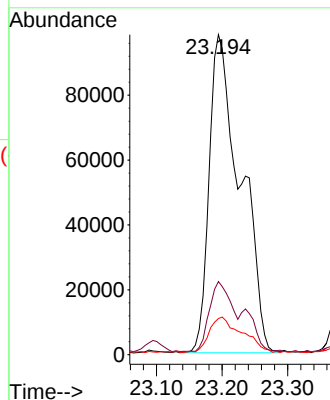
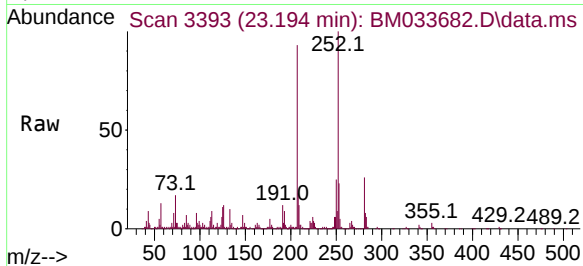




#89
Benzo(k)fluoranthene
Concen: 5.640 ng
RT: 23.194 min Scan# 31
Delta R.T. -0.071 min
Lab File: BM033682.D
Acq: 07 Jan 2022 23:05

Instrument :
BNA_M
ClientSampleId :
AMI-7

Tgt Ion:252 Resp: 325841
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 11.3 8.1 12.1



#90
Benzo(a)pyrene
Concen: 2.883 ng
RT: 23.824 min Scan# 3500
Delta R.T. -0.024 min
Lab File: BM033682.D
Acq: 07 Jan 2022 23:05

Tgt Ion:252 Resp: 142635
Ion Ratio Lower Upper
252 100
253 23.3 17.5 26.3
125 12.7 7.8 11.8#

