

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020223\
 Data File : BM038667.D
 Acq On : 02 Feb 2023 17:27
 Operator : CG/JU
 Sample : 01389-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ROW-2

Quant Time: Feb 03 05:36:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 02 03:31:45 2023
 Response via : Initial Calibration

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

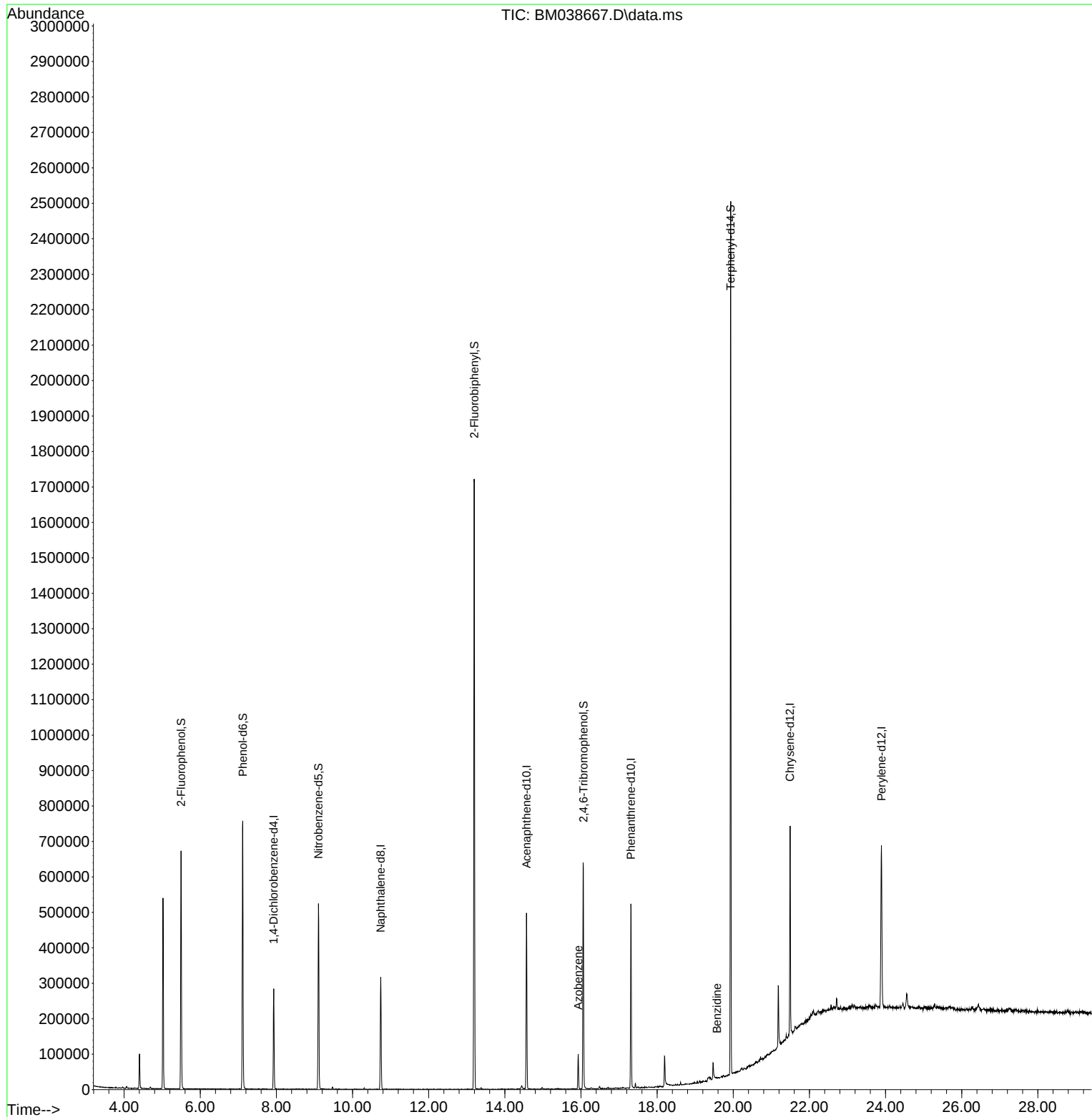
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	81360	20.000	ng	-0.01
21) Naphthalene-d8	10.739	136	257280	20.000	ng	-0.01
39) Acenaphthene-d10	14.568	164	170597	20.000	ng	0.00
64) Phenanthrene-d10	17.309	188	318790	20.000	ng	-0.01
76) Chrysene-d12	21.492	240	252017	20.000	ng	0.00
86) Perylene-d12	23.891	264	337950	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	300609	72.378	ng	0.00
7) Phenol-d6	7.116	99	412178	87.013	ng	0.00
23) Nitrobenzene-d5	9.104	82	275704	60.868	ng	-0.01
42) 2,4,6-Tribromophenol	16.062	330	126108	54.385	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	904476	67.498	ng	0.00
79) Terphenyl-d14	19.933	244	1069675	74.901	ng	0.00
Target Compounds						
						Qvalue
63) Azobenzene	15.927	77	24418	2.406	ng	# 1
77) Benzidine	19.574	184	61	3.121	ng	# 68

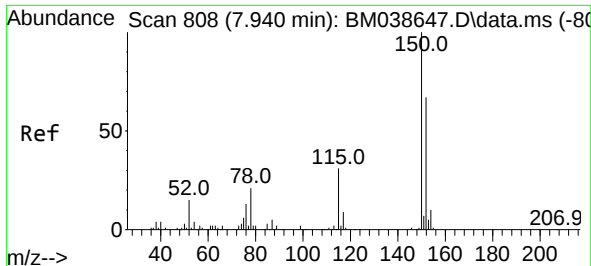
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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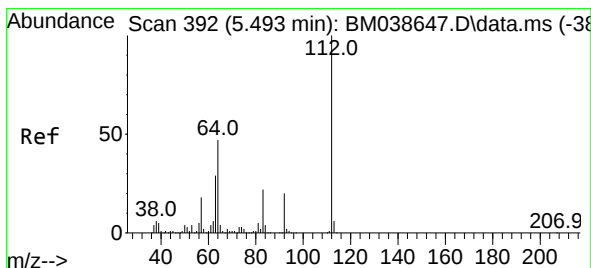
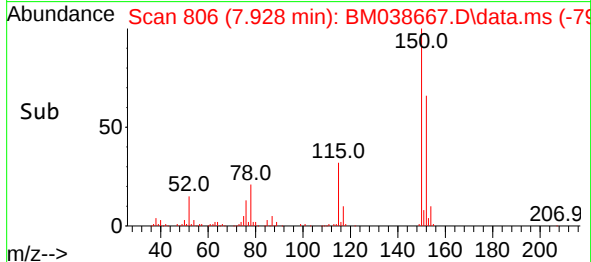
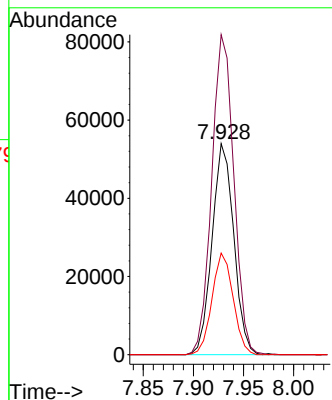
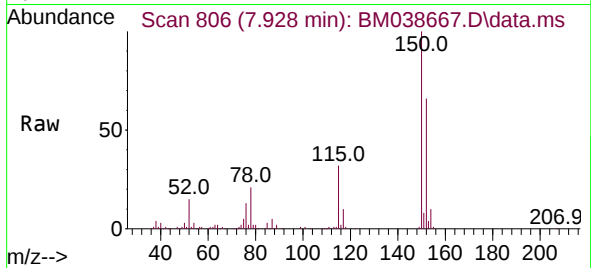




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 808
Delta R.T. -0.012 min
Lab File: BM038667.D
Acq: 02 Feb 2023 17:27

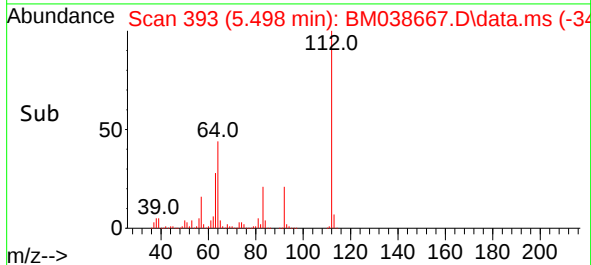
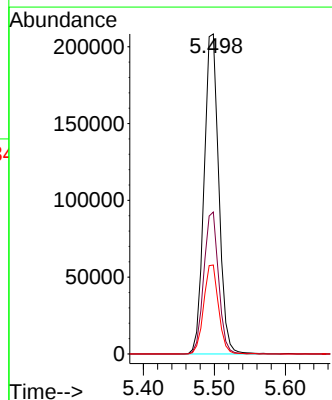
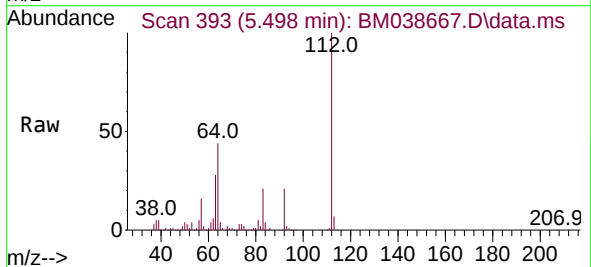
Instrument :
BNA_M
ClientSampleId :
ROW-2

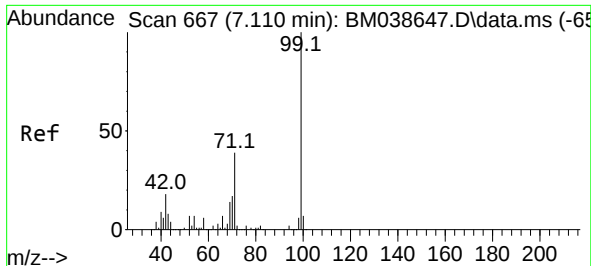
Tgt Ion:152 Resp: 81360
Ion Ratio Lower Upper
152 100
150 151.7 119.5 179.3
115 48.2 37.6 56.4



#5
2-Fluorophenol
Concen: 72.378 ng
RT: 5.498 min Scan# 393
Delta R.T. 0.006 min
Lab File: BM038667.D
Acq: 02 Feb 2023 17:27

Tgt Ion:112 Resp: 300609
Ion Ratio Lower Upper
112 100
64 44.3 37.9 56.9
63 27.8 23.3 34.9

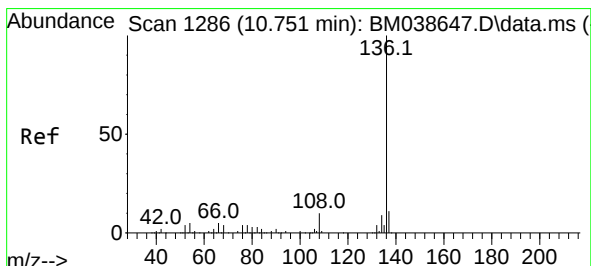
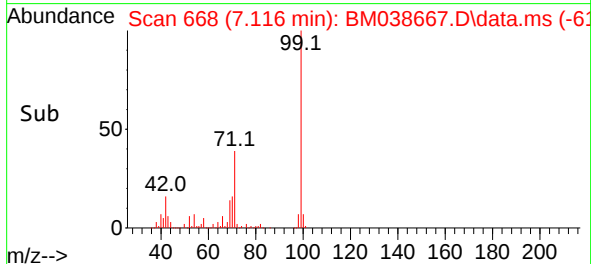
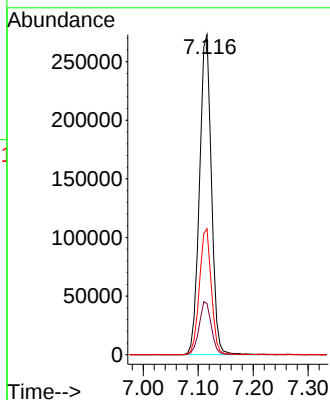
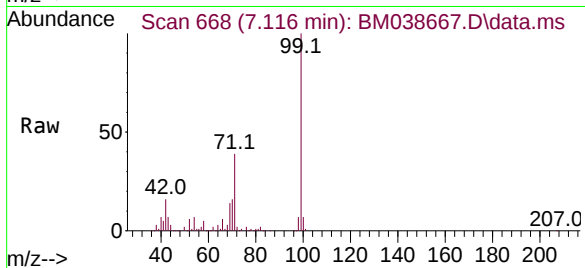




#7
Phenol-d6
Concen: 87.013 ng
RT: 7.116 min Scan# 60
Delta R.T. 0.006 min
Lab File: BM038667.D
Acq: 02 Feb 2023 17:27

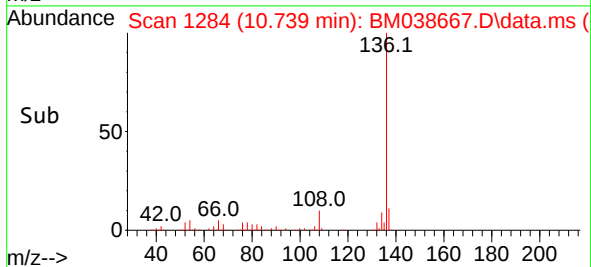
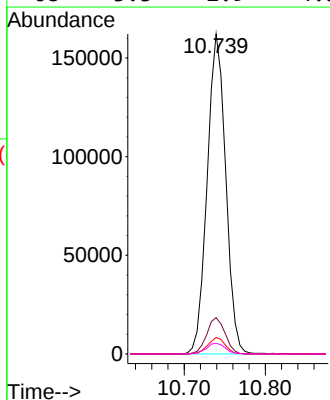
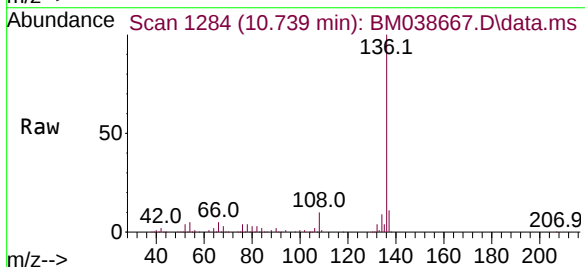
Instrument :
BNA_M
ClientSampleId :
ROW-2

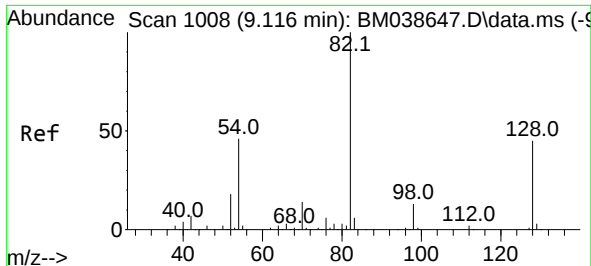
Tgt Ion: 99 Resp: 412178
Ion Ratio Lower Upper
99 100
42 16.0 14.6 22.0
71 39.4 31.0 46.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.739 min Scan# 1284
Delta R.T. -0.012 min
Lab File: BM038667.D
Acq: 02 Feb 2023 17:27

Tgt Ion: 136 Resp: 257280
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 5.1 4.2 6.4
68 3.3 2.9 4.3

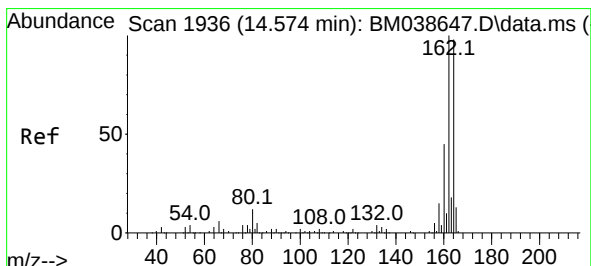
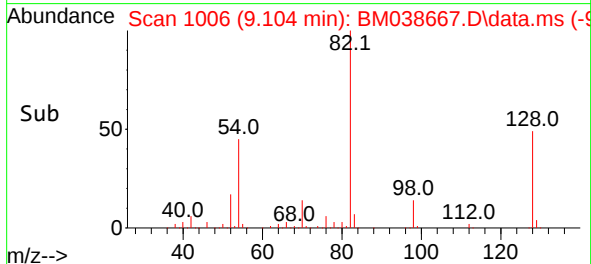
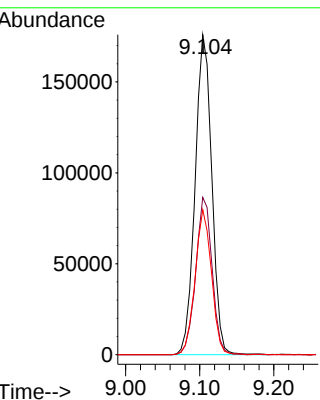
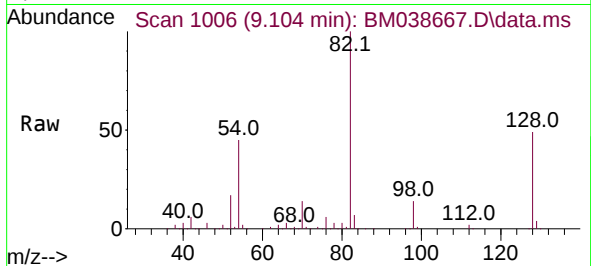




#23
Nitrobenzene-d5
Concen: 60.868 ng
RT: 9.104 min Scan# 1006
Delta R.T. -0.012 min
Lab File: BM038667.D
Acq: 02 Feb 2023 17:27

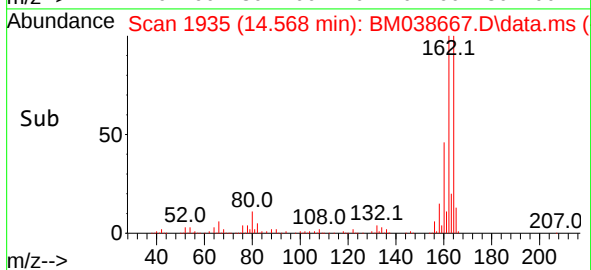
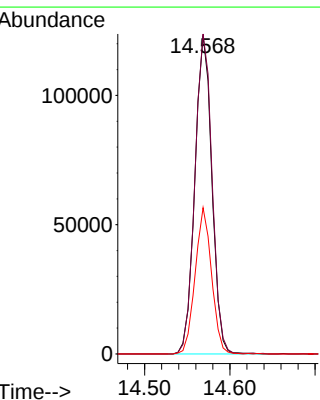
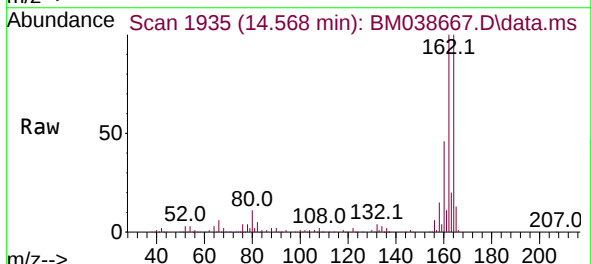
Instrument :
BNA_M
ClientSampleId :
ROW-2

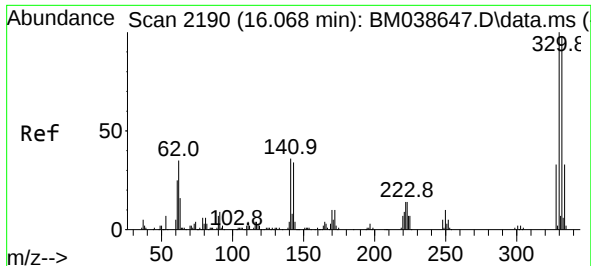
Tgt Ion: 82 Resp: 275704
Ion Ratio Lower Upper
82 100
128 49.1 36.0 54.0
54 45.3 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.568 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BM038667.D
Acq: 02 Feb 2023 17:27

Tgt Ion:164 Resp: 170597
Ion Ratio Lower Upper
164 100
162 100.5 81.4 122.0
160 45.9 36.5 54.7

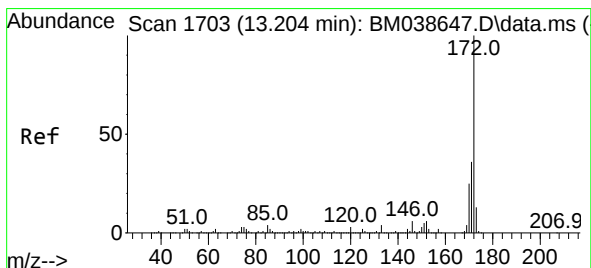
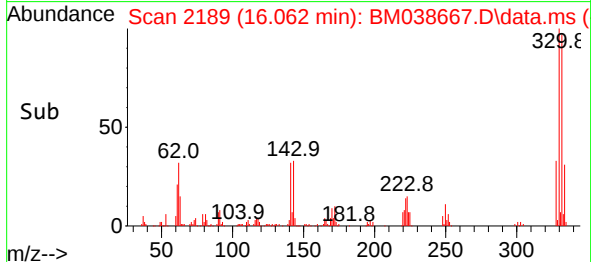
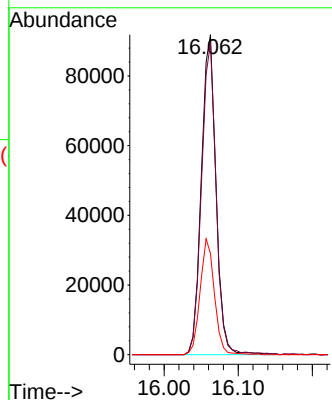
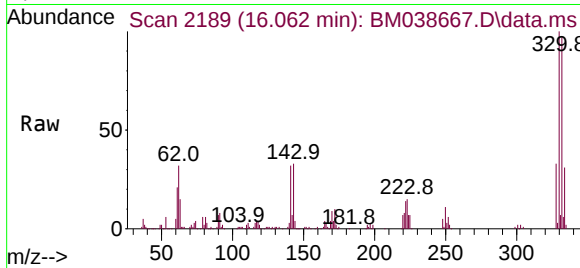




#42
2,4,6-Tribromophenol
Concen: 54.385 ng
RT: 16.062 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BM038667.D
Acq: 02 Feb 2023 17:27

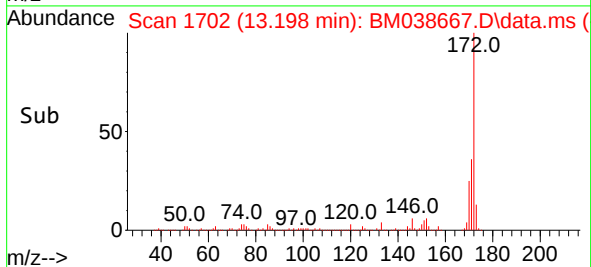
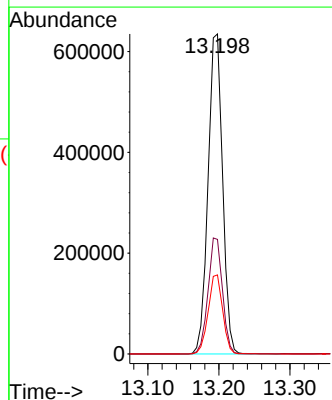
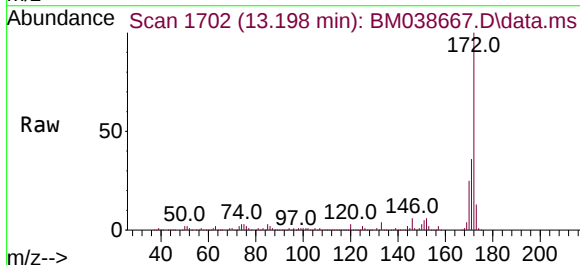
Instrument :
BNA_M
ClientSampleId :
ROW-2

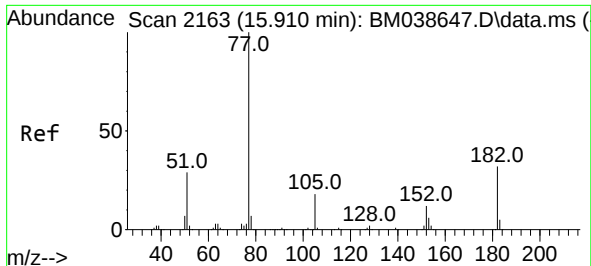
Tgt Ion:330 Resp: 126108
Ion Ratio Lower Upper
330 100
332 97.1 77.8 116.6
141 35.3 31.0 46.6



#45
2-Fluorobiphenyl
Concen: 67.498 ng
RT: 13.198 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BM038667.D
Acq: 02 Feb 2023 17:27

Tgt Ion:172 Resp: 904476
Ion Ratio Lower Upper
172 100
171 35.8 28.7 43.1
170 24.7 20.0 30.0

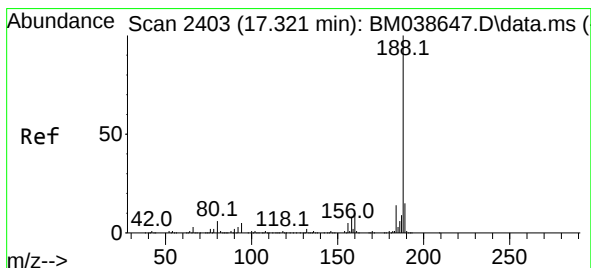
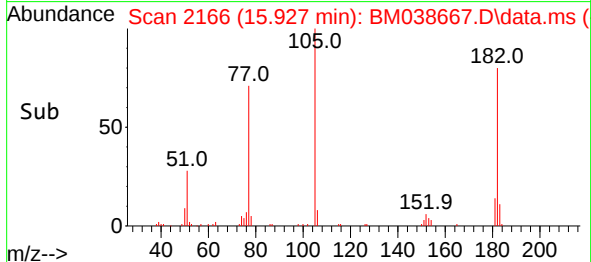
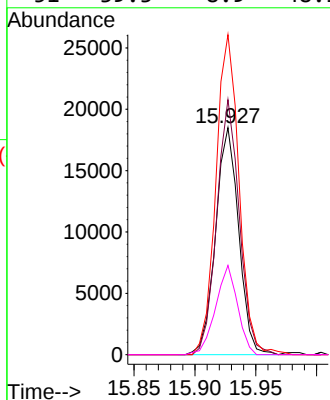
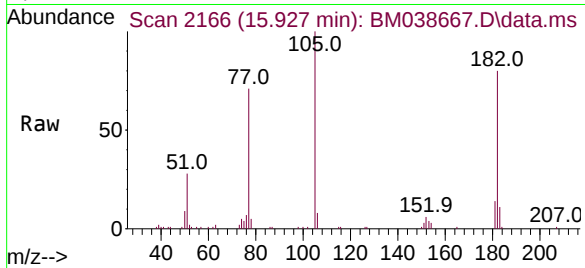




#63
 Azobenzene
 Concen: 2.406 ng
 RT: 15.927 min Scan# 2166
 Delta R.T. 0.018 min
 Lab File: BM038667.D
 Acq: 02 Feb 2023 17:27

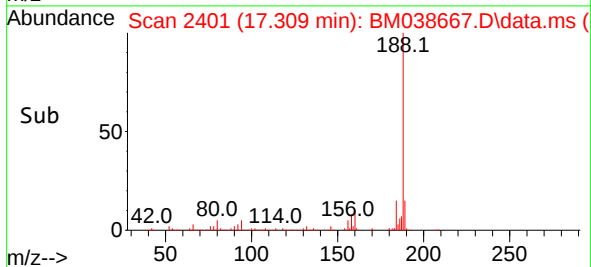
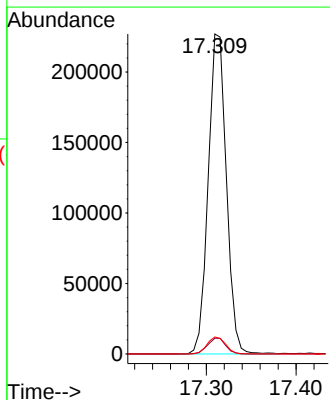
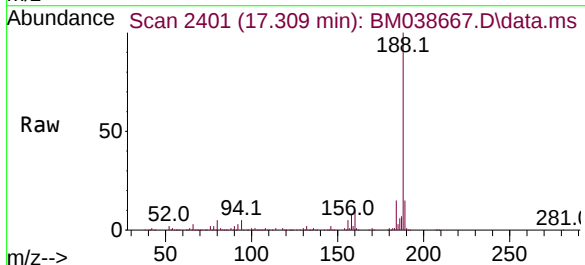
Instrument :
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 ROW-2

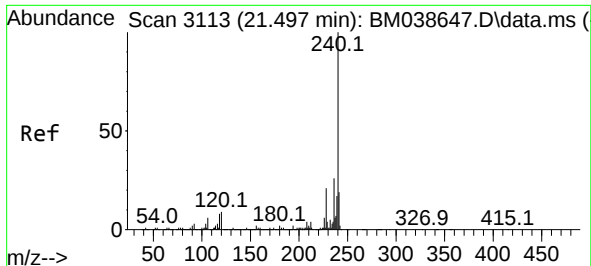
Tgt Ion: 77	Resp: 24418
Ion Ratio	Lower Upper
77 100	
182 112.3	12.0 52.0#
105 140.9	0.0 37.5#
51 39.3	8.9 48.9



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.309 min Scan# 2401
 Delta R.T. -0.012 min
 Lab File: BM038667.D
 Acq: 02 Feb 2023 17:27

Tgt Ion: 188	Resp: 318790
Ion Ratio	Lower Upper
188 100	
94 4.9	4.2 6.4
80 5.3	4.6 7.0

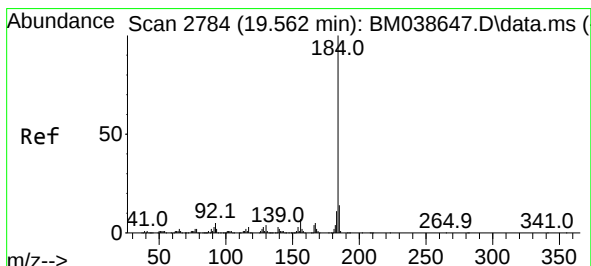
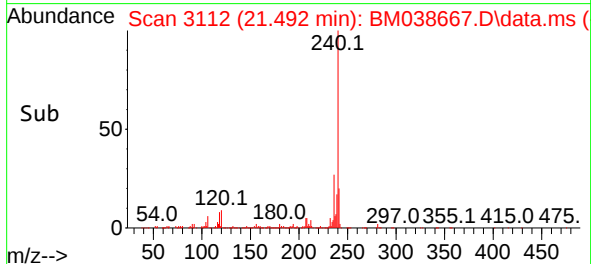
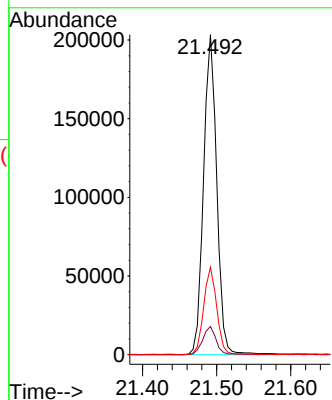
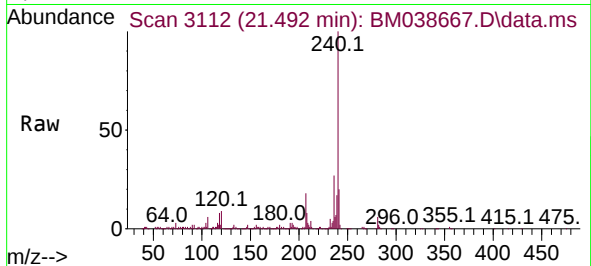




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.492 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BM038667.D
Acq: 02 Feb 2023 17:27

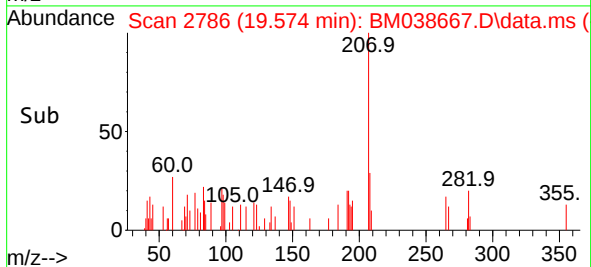
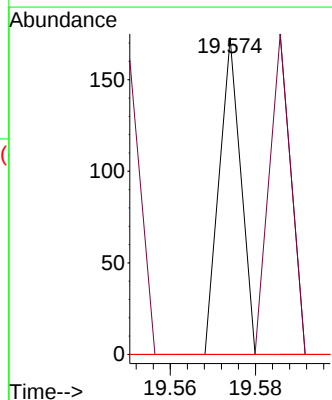
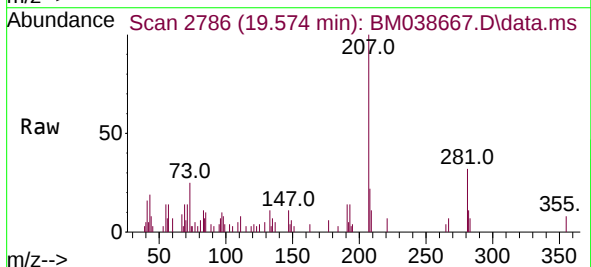
Instrument :
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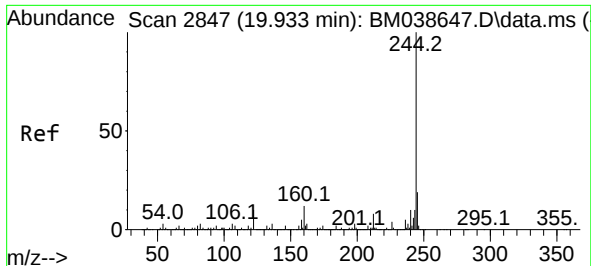
Tgt Ion:240 Resp: 252017
Ion Ratio Lower Upper
240 100
120 8.8 7.0 10.4
236 27.4 20.9 31.3



#77
Benzidine
Concen: 3.121 ng
RT: 19.574 min Scan# 2786
Delta R.T. 0.012 min
Lab File: BM038667.D
Acq: 02 Feb 2023 17:27

Tgt Ion:184 Resp: 61
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.8 13.2#

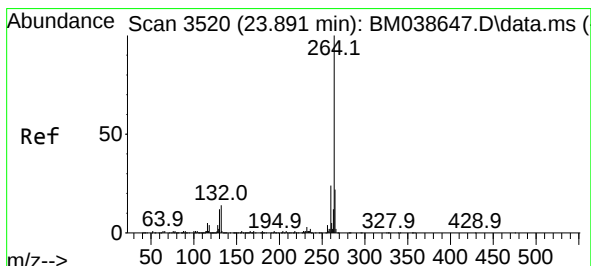
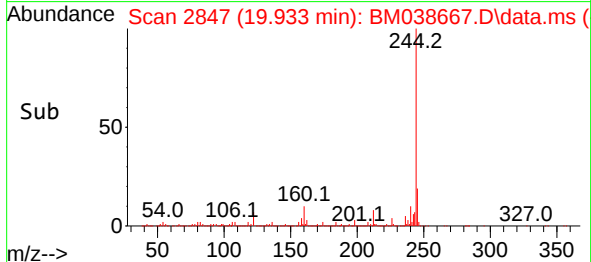
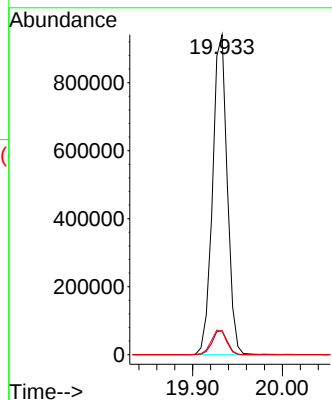
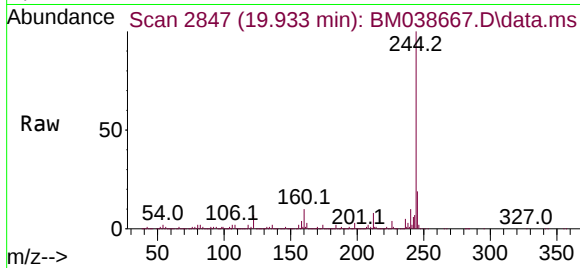




#79
 Terphenyl-d14
 Concen: 74.901 ng
 RT: 19.933 min Scan# 2847
 Delta R.T. -0.000 min
 Lab File: BM038667.D
 Acq: 02 Feb 2023 17:27

Instrument :
 BNA_M
 ClientSampleId :
 ROW-2

Tgt Ion:244 Resp: 1069675
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.6 9.8
 122 7.3 7.8 11.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.891 min Scan# 3520
 Delta R.T. -0.000 min
 Lab File: BM038667.D
 Acq: 02 Feb 2023 17:27

Tgt Ion:264 Resp: 337950
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.6 29.4
 265 22.7 17.9 26.9

