

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020223\
 Data File : BM038670.D
 Acq On : 02 Feb 2023 19:19
 Operator : CG/JU
 Sample : 01390-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 STOCKPILE-1

Quant Time: Feb 03 05:37:35 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	85146	20.000	ng	-0.01
21) Naphthalene-d8	10.739	136	256627	20.000	ng	-0.01
39) Acenaphthene-d10	14.568	164	166174	20.000	ng	0.00
64) Phenanthrene-d10	17.309	188	304201	20.000	ng	-0.01
76) Chrysene-d12	21.486	240	240340	20.000	ng	-0.01
86) Perylene-d12	23.885	264	332827	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	581512	133.785	ng	0.00
7) Phenol-d6	7.116	99	580060	117.009	ng	0.00
23) Nitrobenzene-d5	9.110	82	418812	92.698	ng	0.00
42) 2,4,6-Tribromophenol	16.062	330	331319	146.688	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	1308435	100.242	ng	-0.01
79) Terphenyl-d14	19.927	244	1506229	110.593	ng	0.00

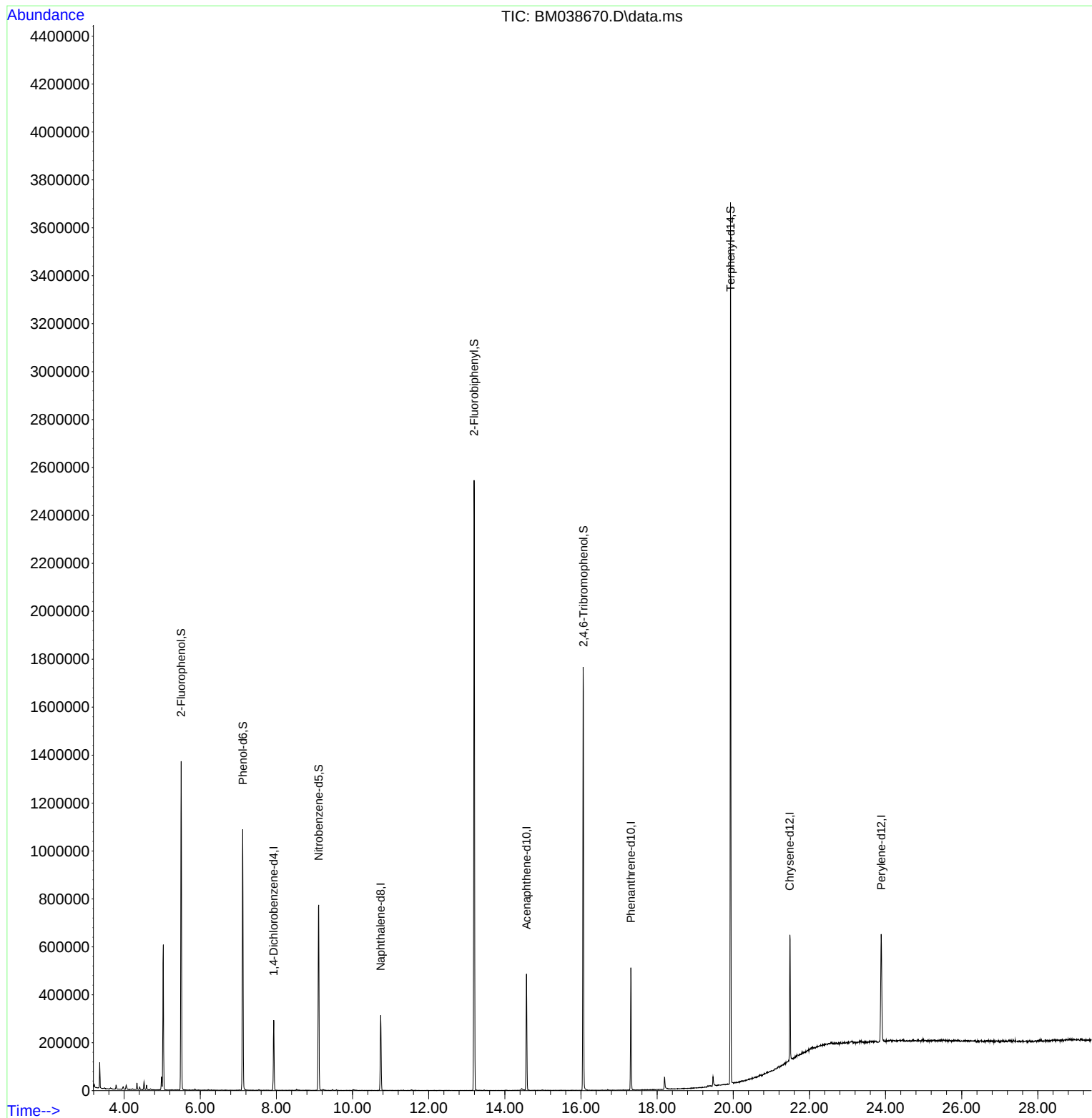
Target Compounds	Qvalue

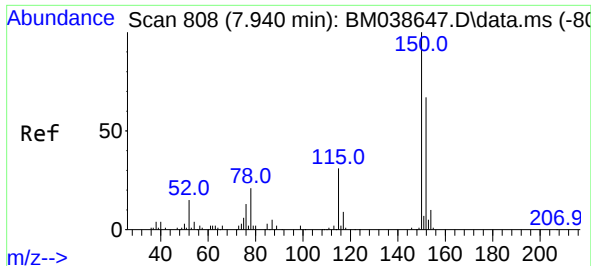
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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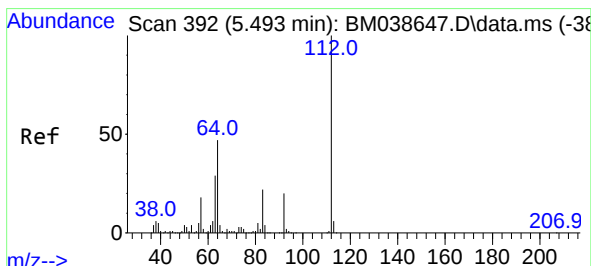
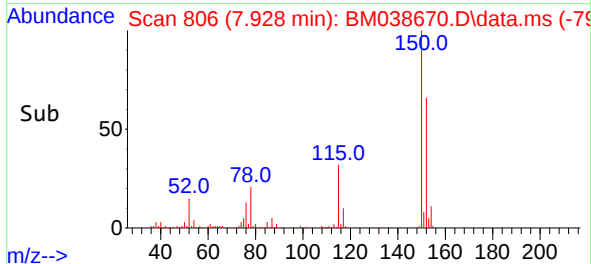
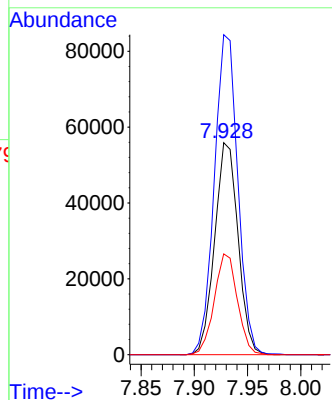
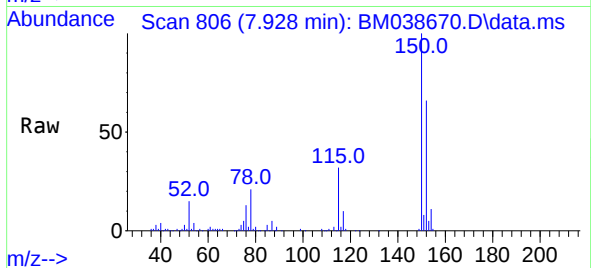




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 80
Delta R.T. -0.012 min
Lab File: BM038670.D
Acq: 02 Feb 2023 19:19

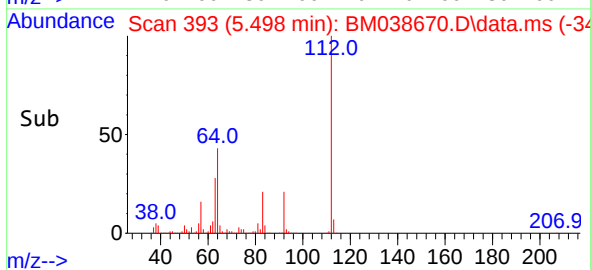
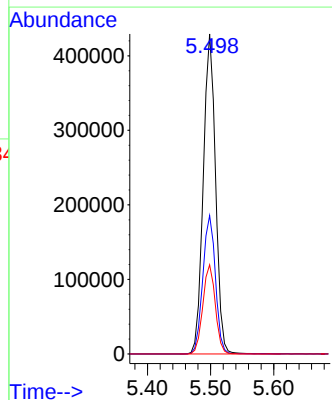
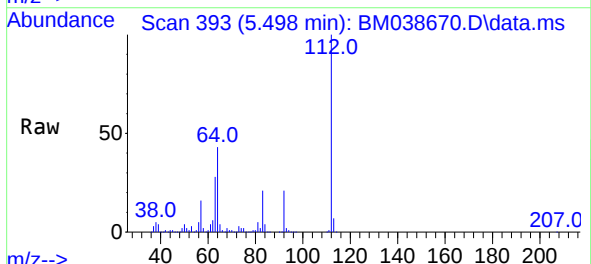
Instrument :
BNA_M
ClientSampleId :
STOCKPILE-1

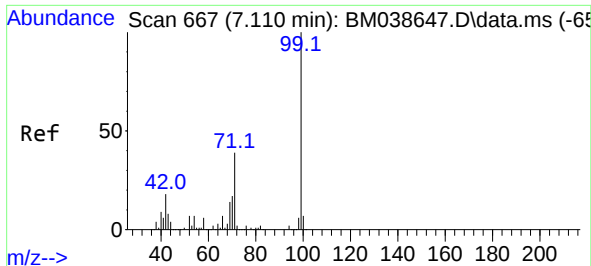
Tgt Ion:152 Resp: 85146
Ion Ratio Lower Upper
152 100
150 151.0 119.5 179.3
115 47.6 37.6 56.4



#5
2-Fluorophenol
Concen: 133.785 ng
RT: 5.498 min Scan# 393
Delta R.T. 0.006 min
Lab File: BM038670.D
Acq: 02 Feb 2023 19:19

Tgt Ion:112 Resp: 581512
Ion Ratio Lower Upper
112 100
64 43.3 37.9 56.9
63 27.8 23.3 34.9

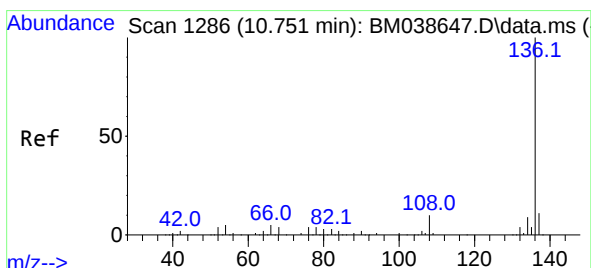
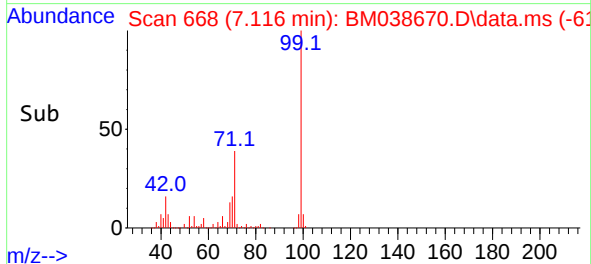
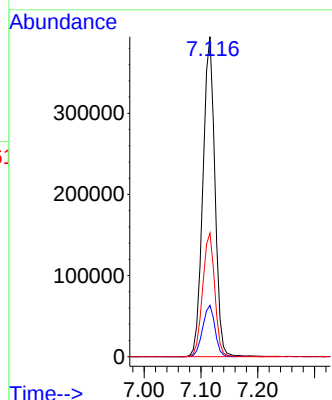
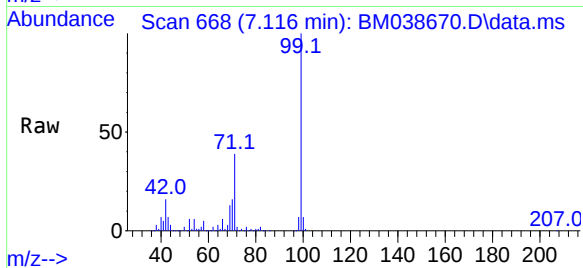




#7
Phenol-d6
Concen: 117.009 ng
RT: 7.116 min Scan# 60
Delta R.T. 0.006 min
Lab File: BM038670.D
Acq: 02 Feb 2023 19:19

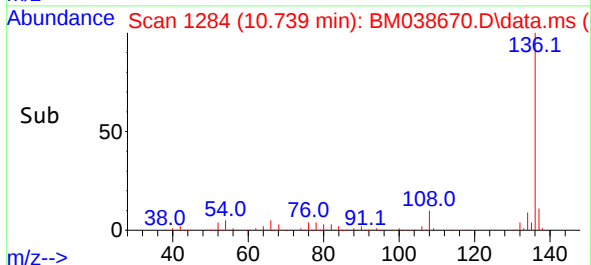
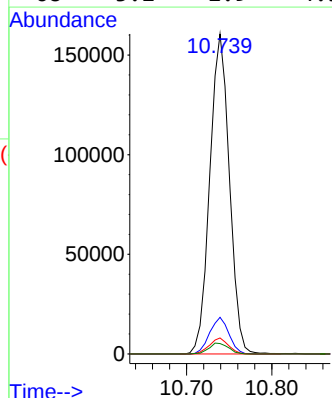
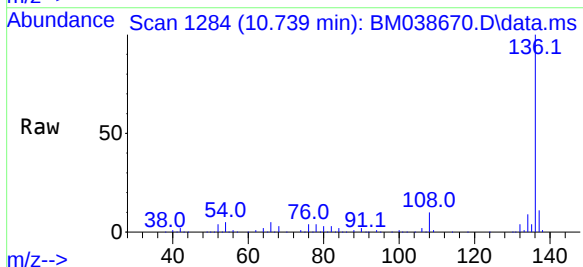
Instrument :
BNA_M
ClientSampleId :
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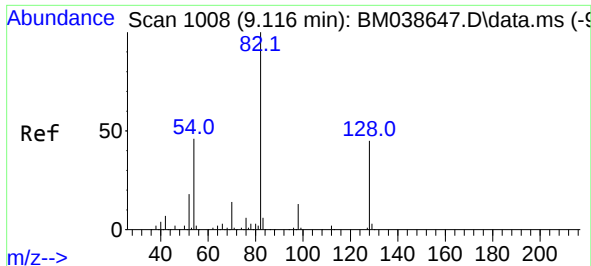
Tgt Ion: 99 Resp: 580060
Ion Ratio Lower Upper
99 100
42 16.0 14.6 22.0
71 38.7 31.0 46.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.739 min Scan# 1284
Delta R.T. -0.012 min
Lab File: BM038670.D
Acq: 02 Feb 2023 19:19

Tgt Ion: 136 Resp: 256627
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 5.0 4.2 6.4
68 3.2 2.9 4.3

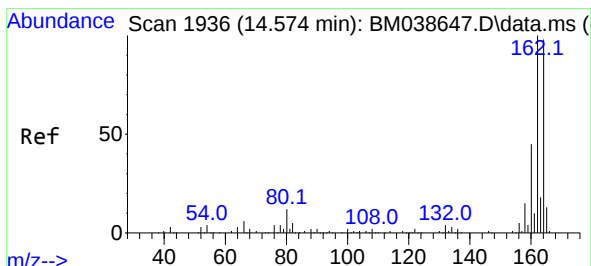
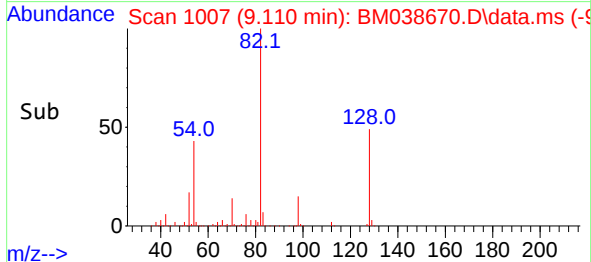
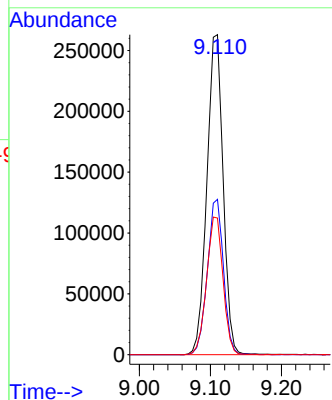
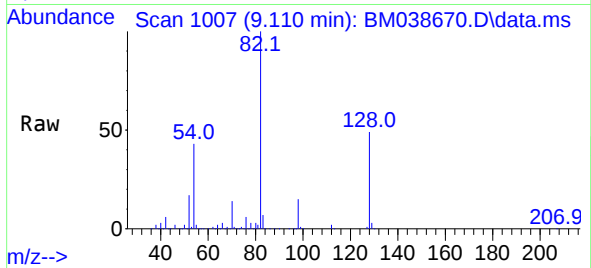




#23
Nitrobenzene-d5
Concen: 92.698 ng
RT: 9.110 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BM038670.D
Acq: 02 Feb 2023 19:19

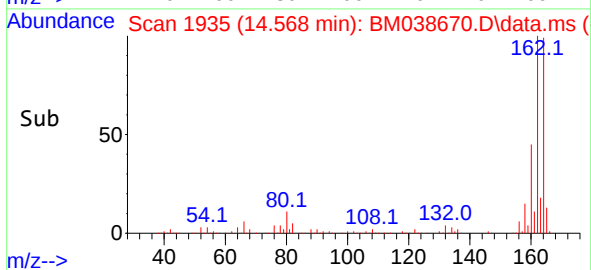
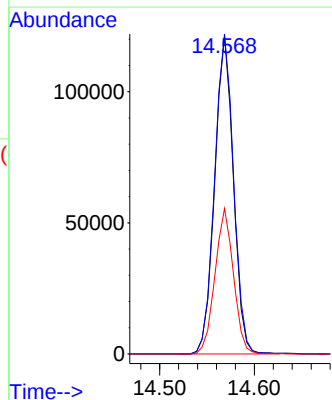
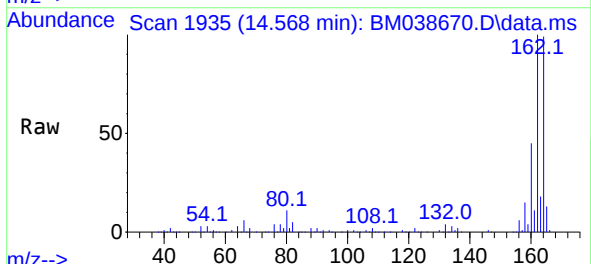
Instrument :
BNA_M
ClientSampleId :
STOCKPILE-1

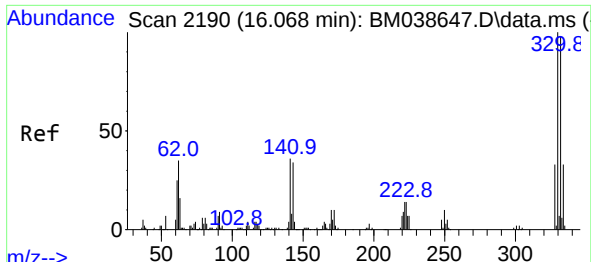
Tgt Ion: 82 Resp: 418812
Ion Ratio Lower Upper
82 100
128 48.6 36.0 54.0
54 42.7 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.568 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BM038670.D
Acq: 02 Feb 2023 19:19

Tgt Ion: 164 Resp: 166174
Ion Ratio Lower Upper
164 100
162 100.6 81.4 122.0
160 45.7 36.5 54.7

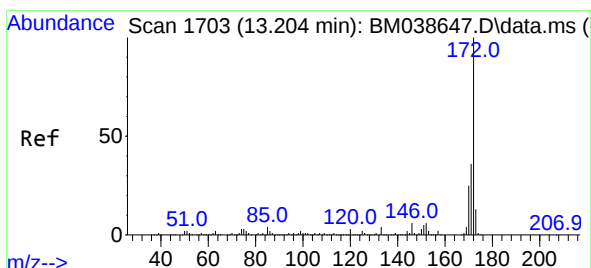
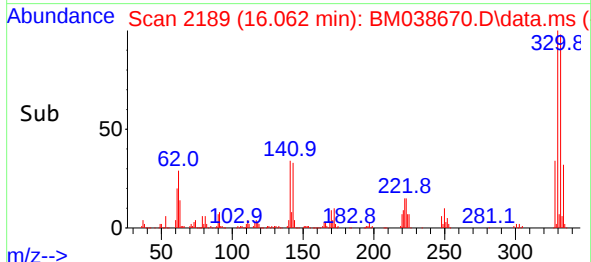
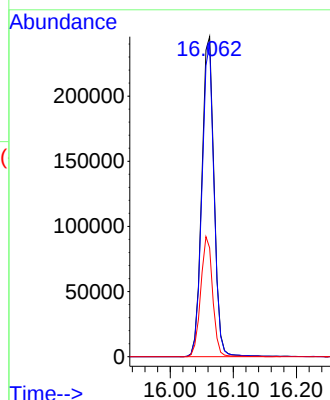
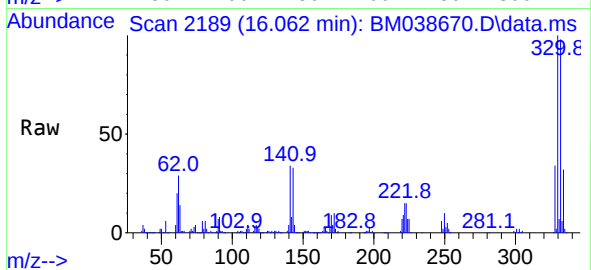




#42
2,4,6-Tribromophenol
Concen: 146.688 ng
RT: 16.062 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BM038670.D
Acq: 02 Feb 2023 19:19

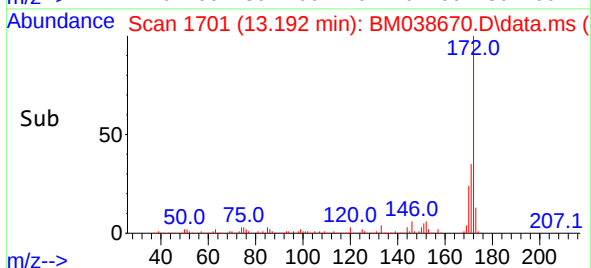
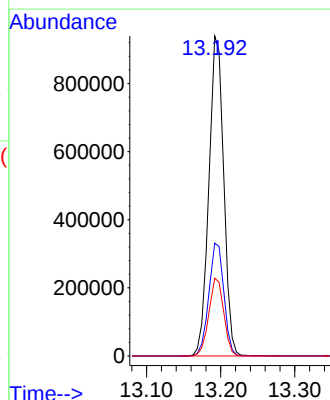
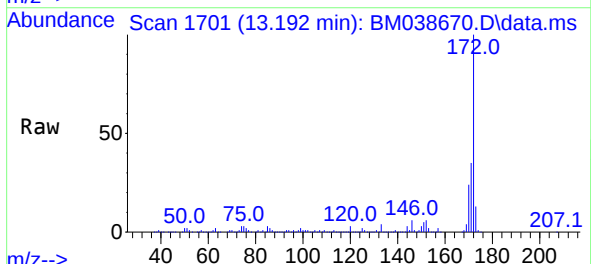
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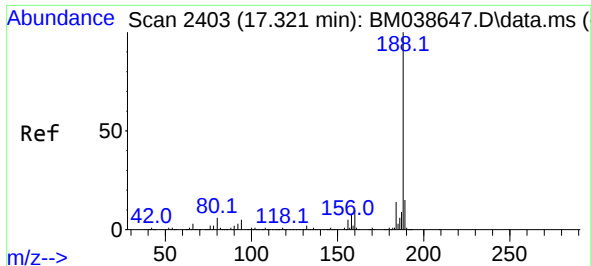
Tgt Ion:330 Resp: 331319
Ion Ratio Lower Upper
330 100
332 96.4 77.8 116.6
141 36.5 31.0 46.6



#45
2-Fluorobiphenyl
Concen: 100.242 ng
RT: 13.192 min Scan# 1701
Delta R.T. -0.012 min
Lab File: BM038670.D
Acq: 02 Feb 2023 19:19

Tgt Ion:172 Resp: 1308435
Ion Ratio Lower Upper
172 100
171 35.3 28.7 43.1
170 24.3 20.0 30.0

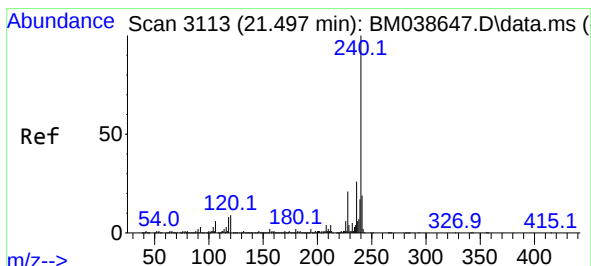
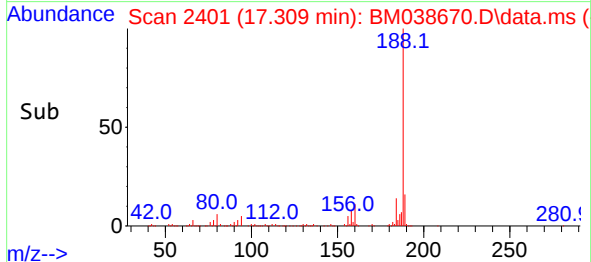
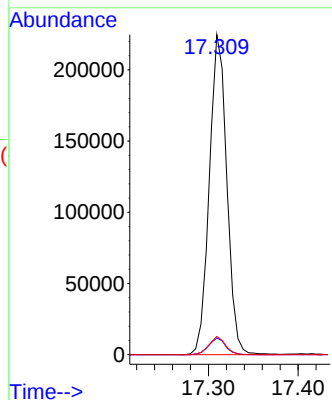
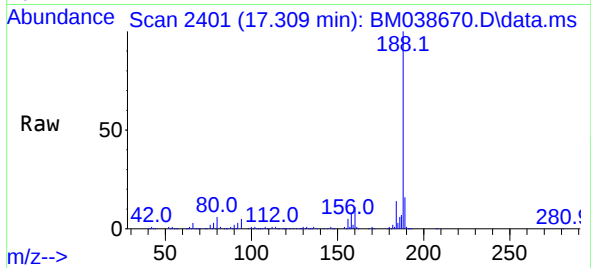




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.309 min Scan# 2403
Delta R.T. -0.012 min
Lab File: BM038670.D
Acq: 02 Feb 2023 19:19

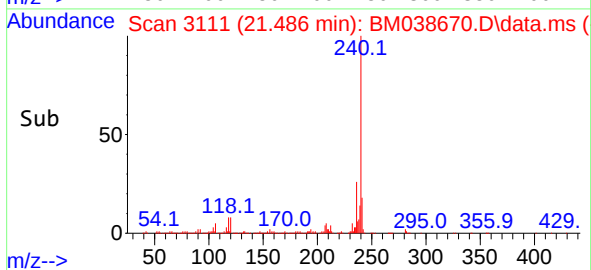
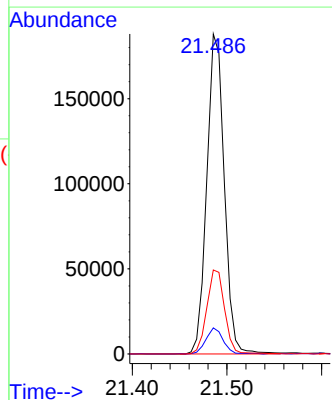
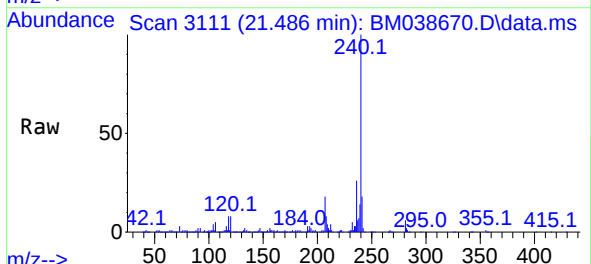
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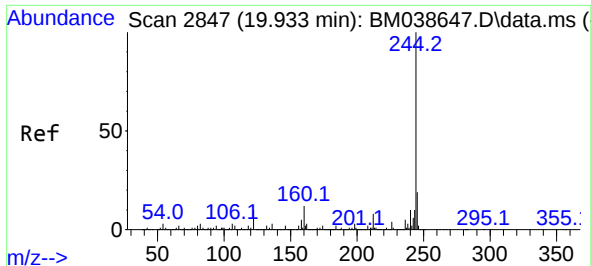
Tgt Ion:188 Resp: 304201
Ion Ratio Lower Upper
188 100
94 5.2 4.2 6.4
80 5.7 4.6 7.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.486 min Scan# 3111
Delta R.T. -0.012 min
Lab File: BM038670.D
Acq: 02 Feb 2023 19:19

Tgt Ion:240 Resp: 240340
Ion Ratio Lower Upper
240 100
120 8.1 7.0 10.4
236 26.3 20.9 31.3

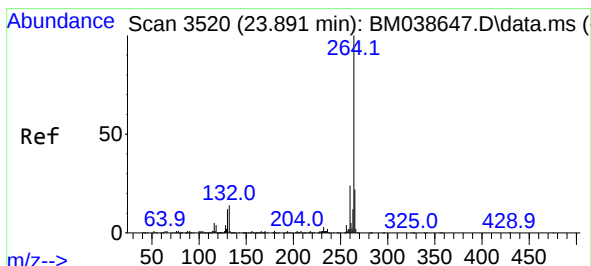
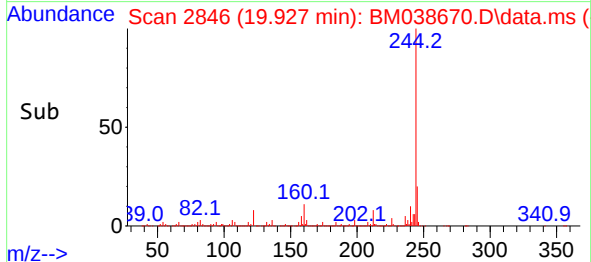
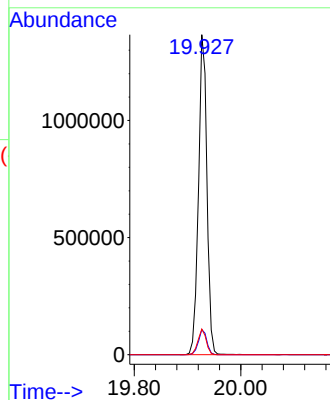
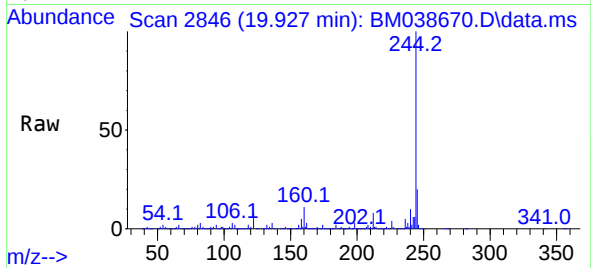




#79
 Terphenyl-d14
 Concen: 110.593 ng
 RT: 19.927 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM038670.D
 Acq: 02 Feb 2023 19:19

Instrument :
 BNA_M
 ClientSampleId :
 STOCKPILE-1

Tgt Ion:244 Resp: 1506229
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.6 9.8
 122 8.0 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.885 min Scan# 3519
 Delta R.T. -0.006 min
 Lab File: BM038670.D
 Acq: 02 Feb 2023 19:19

Tgt Ion:264 Resp: 332827
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.6 29.4
 265 22.1 17.9 26.9

