

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022023\
 Data File : BM038794.D
 Acq On : 20 Feb 2023 19:34
 Operator : CG/JU
 Sample : 01611-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-13-SB02

Quant Time: Feb 21 02:10:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 21 02:04:34 2023
 Response via : Initial Calibration

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

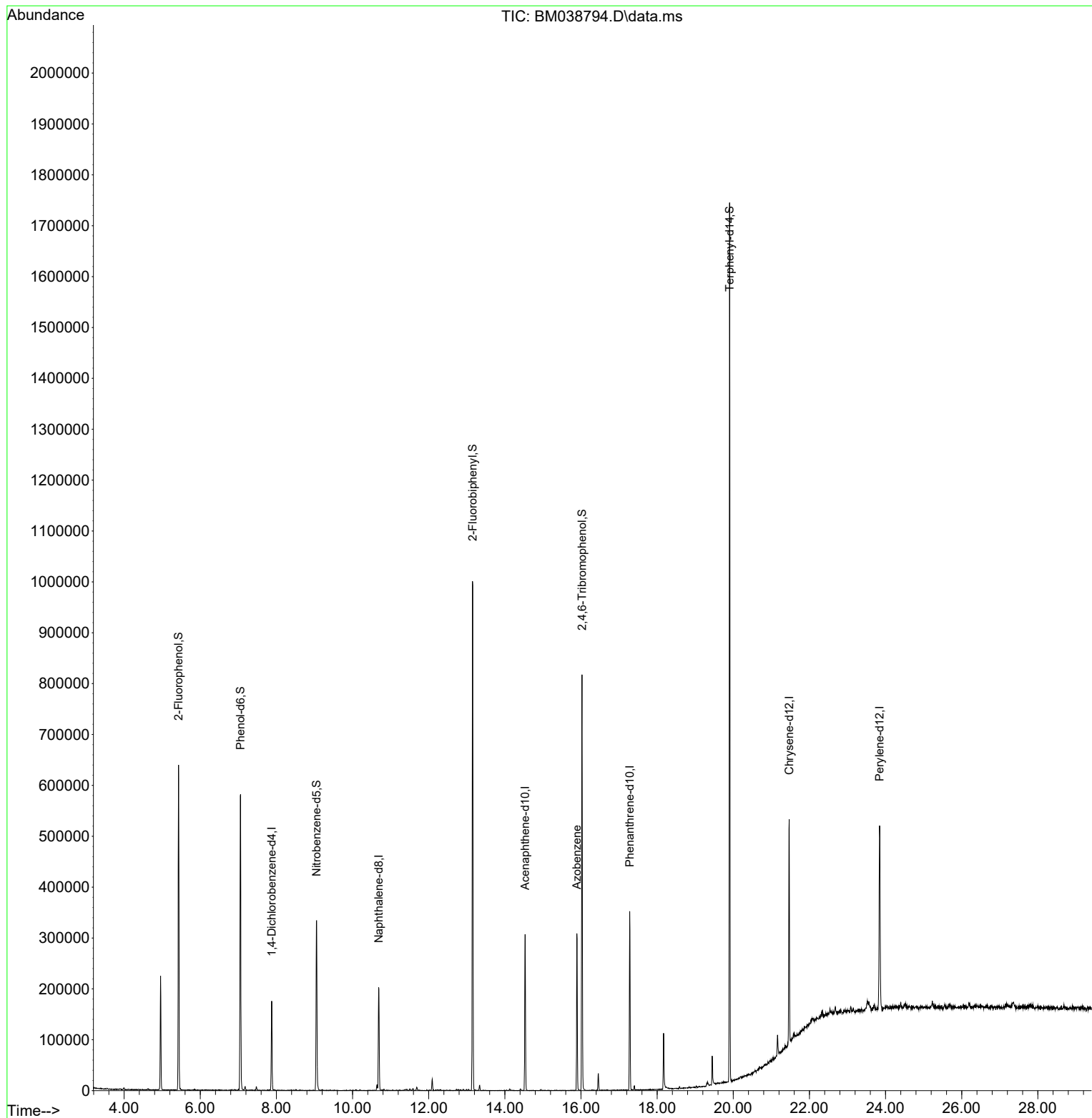
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	47503	20.000	ng	0.00
21) Naphthalene-d8	10.686	136	171121	20.000	ng	0.00
39) Acenaphthene-d10	14.533	164	102484	20.000	ng	0.00
64) Phenanthrene-d10	17.280	188	193422	20.000	ng	0.00
76) Chrysene-d12	21.468	240	183895	20.000	ng	0.00
86) Perylene-d12	23.844	264	245948	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	286185	118.016	ng	0.00
7) Phenol-d6	7.057	99	337673	122.091	ng	0.00
23) Nitrobenzene-d5	9.051	82	188352	62.520	ng	0.00
42) 2,4,6-Tribromophenol	16.027	330	137605	98.784	ng	0.00
45) 2-Fluorobiphenyl	13.157	172	484479	60.184	ng	0.00
79) Terphenyl-d14	19.903	244	661324	63.461	ng	0.00
Target Compounds						
63) Azobenzene	15.892	77	82945	13.607	ng	Qvalue # 1

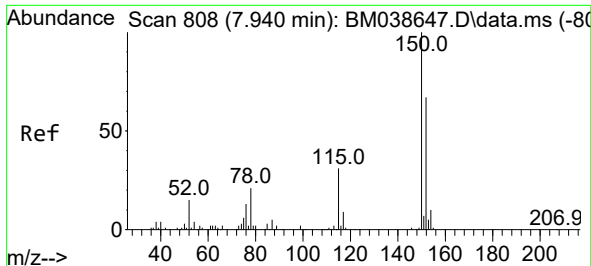
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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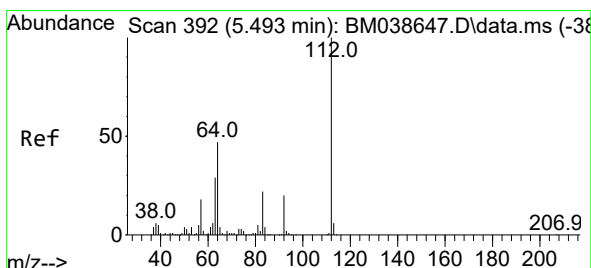
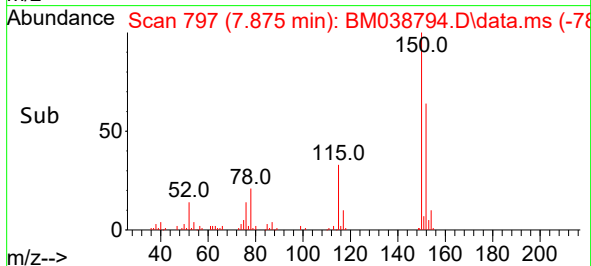
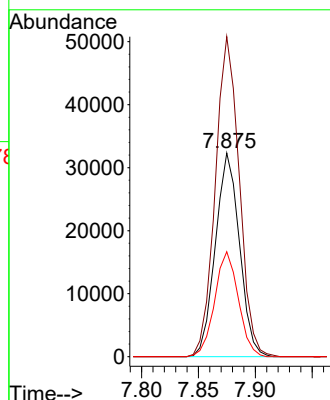
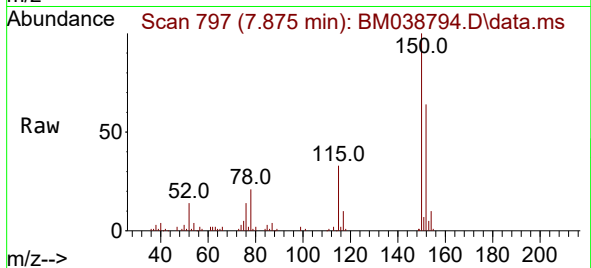




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.875 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM038794.D
Acq: 20 Feb 2023 19:34

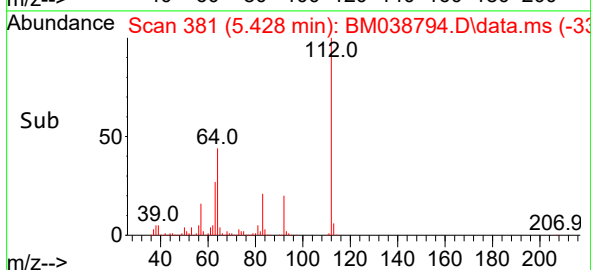
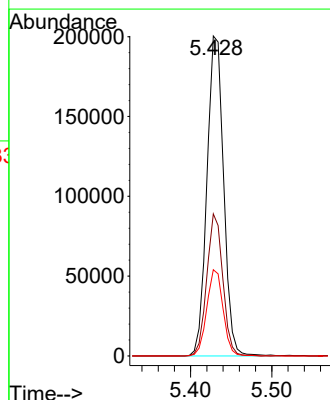
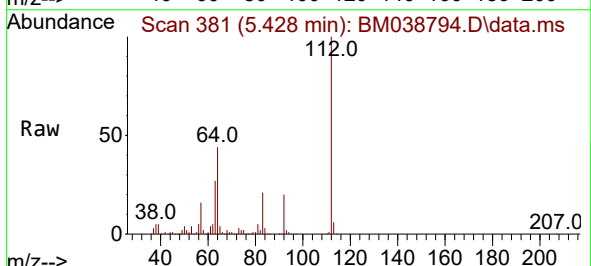
Instrument :
BNA_M
ClientSampleId :
B-13-SB02

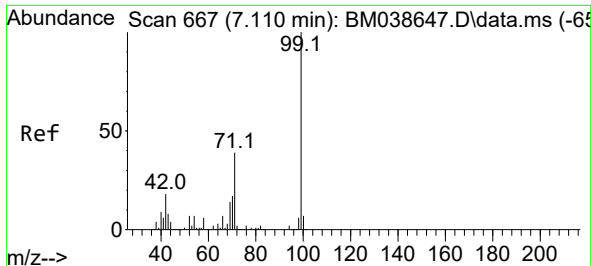
Tgt Ion:152 Resp: 47503
Ion Ratio Lower Upper
152 100
150 157.2 119.5 179.3
115 51.6 37.6 56.4



#5
2-Fluorophenol
Concen: 118.016 ng
RT: 5.428 min Scan# 381
Delta R.T. -0.006 min
Lab File: BM038794.D
Acq: 20 Feb 2023 19:34

Tgt Ion:112 Resp: 286185
Ion Ratio Lower Upper
112 100
64 44.4 37.9 56.9
63 26.9 23.3 34.9

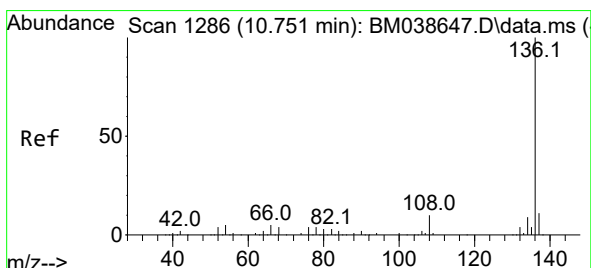
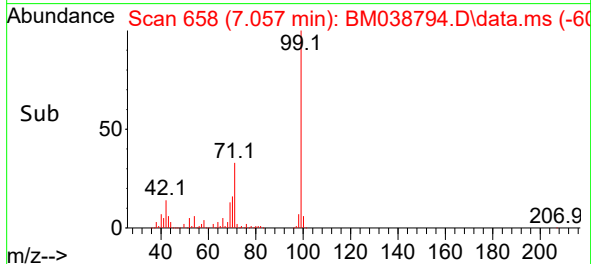
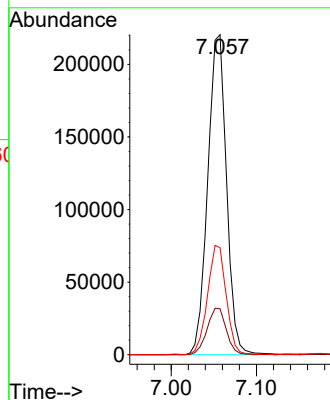
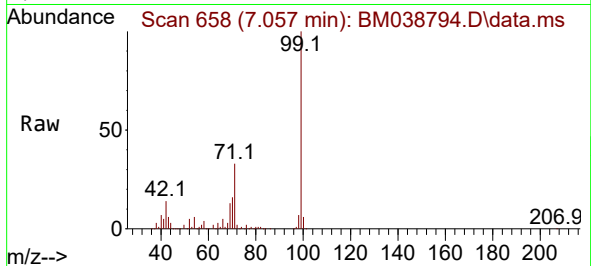




#7
Phenol-d6
Concen: 122.091 ng
RT: 7.057 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM038794.D
Acq: 20 Feb 2023 19:34

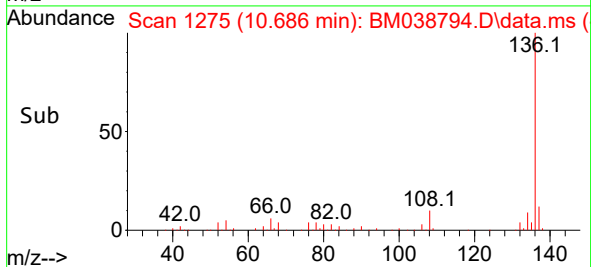
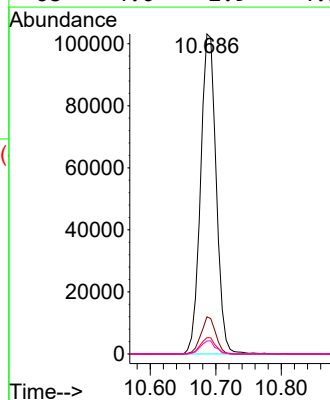
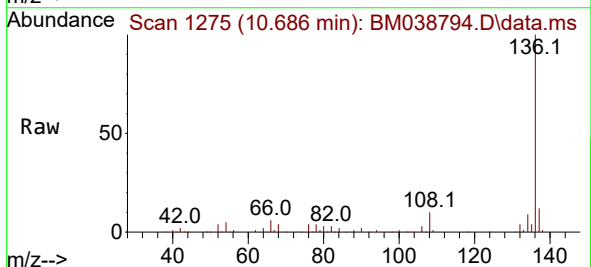
Instrument :
BNA_M
ClientSampleId :
B-13-SB02

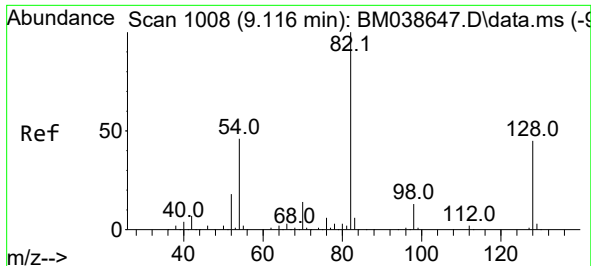
Tgt Ion: 99 Resp: 337673
Ion Ratio Lower Upper
99 100
42 14.3 14.6 22.0#
71 33.4 31.0 46.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.686 min Scan# 1275
Delta R.T. -0.006 min
Lab File: BM038794.D
Acq: 20 Feb 2023 19:34

Tgt Ion: 136 Resp: 171121
Ion Ratio Lower Upper
136 100
137 11.6 8.8 13.2
54 5.1 4.2 6.4
68 4.0 2.9 4.3

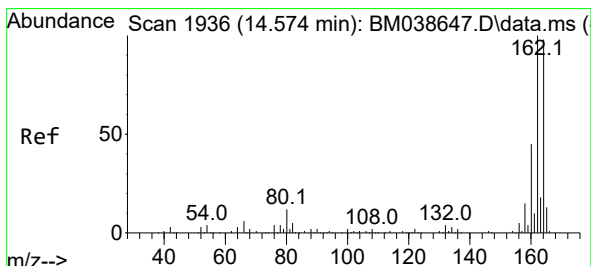
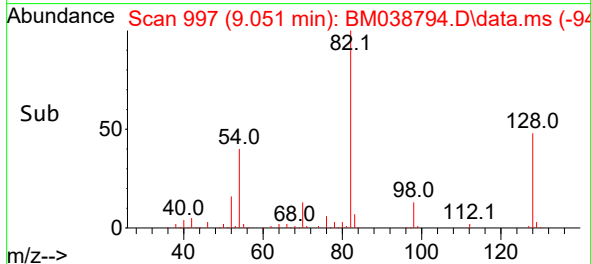
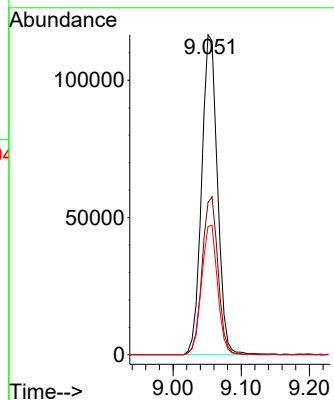
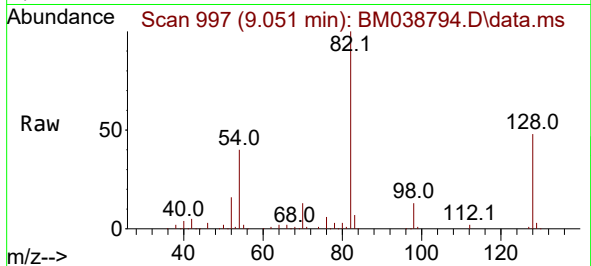




#23
Nitrobenzene-d5
Concen: 62.520 ng
RT: 9.051 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM038794.D
Acq: 20 Feb 2023 19:34

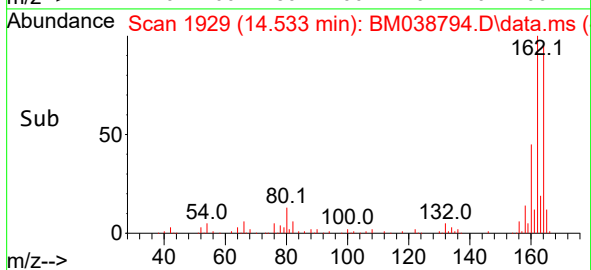
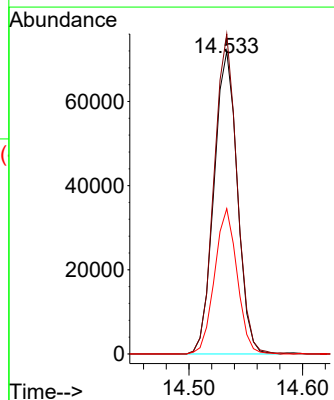
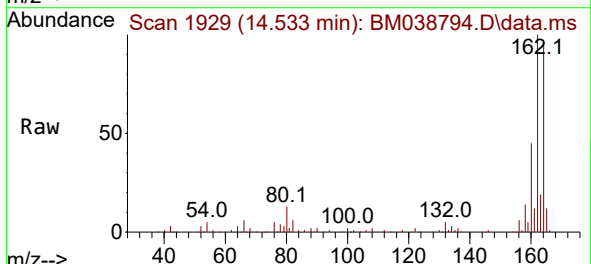
Instrument :
BNA_M
ClientSampleId :
B-13-SB02

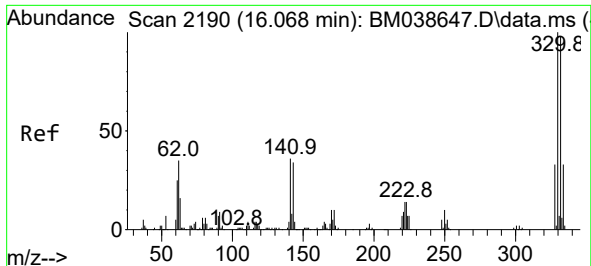
Tgt Ion: 82 Resp: 188352
Ion Ratio Lower Upper
82 100
128 47.6 36.0 54.0
54 40.1 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.533 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BM038794.D
Acq: 20 Feb 2023 19:34

Tgt Ion:164 Resp: 102484
Ion Ratio Lower Upper
164 100
162 105.7 81.4 122.0
160 48.0 36.5 54.7

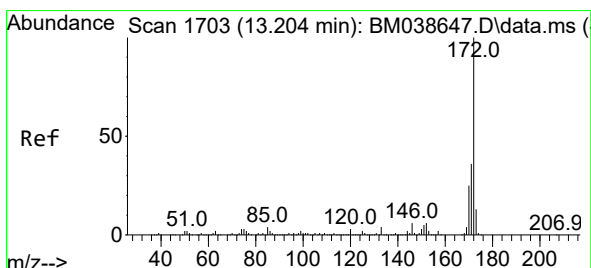
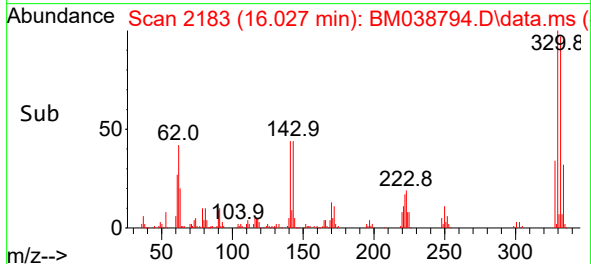
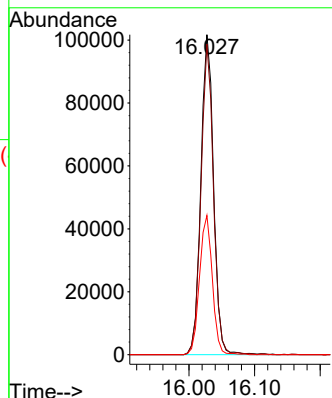
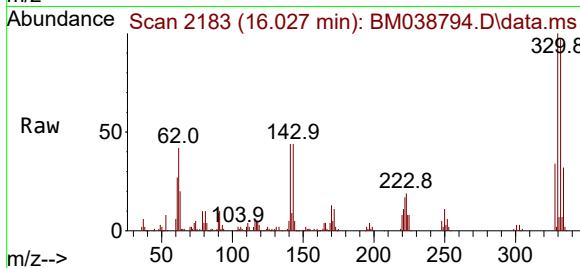




#42
2,4,6-Tribromophenol
Concen: 98.784 ng
RT: 16.027 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BM038794.D
Acq: 20 Feb 2023 19:34

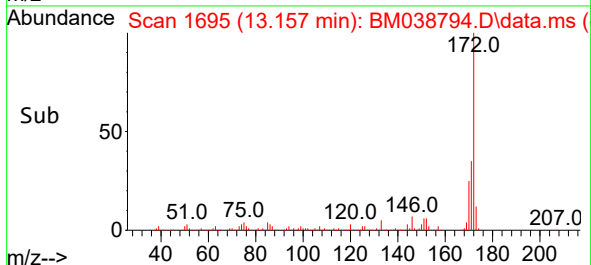
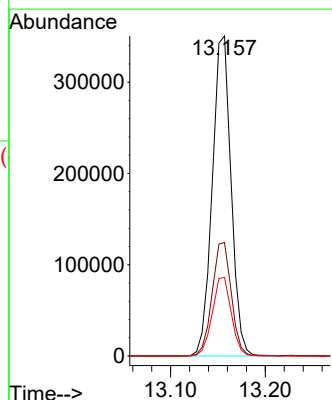
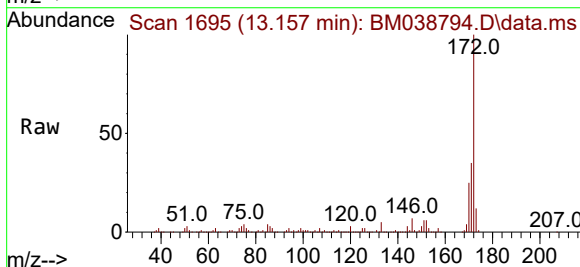
Instrument :
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ClientSampleId :
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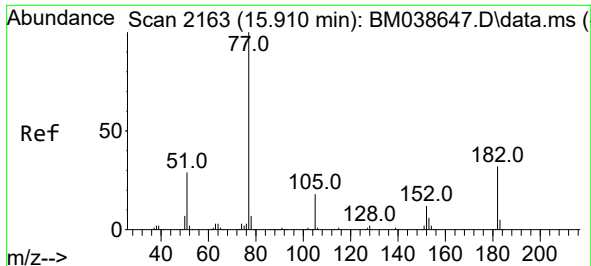
Tgt Ion:330 Resp: 137605
Ion Ratio Lower Upper
330 100
332 95.1 77.8 116.6
141 43.7 31.0 46.6



#45
2-Fluorobiphenyl
Concen: 60.184 ng
RT: 13.157 min Scan# 1695
Delta R.T. 0.000 min
Lab File: BM038794.D
Acq: 20 Feb 2023 19:34

Tgt Ion:172 Resp: 484479
Ion Ratio Lower Upper
172 100
171 35.5 28.7 43.1
170 24.5 20.0 30.0

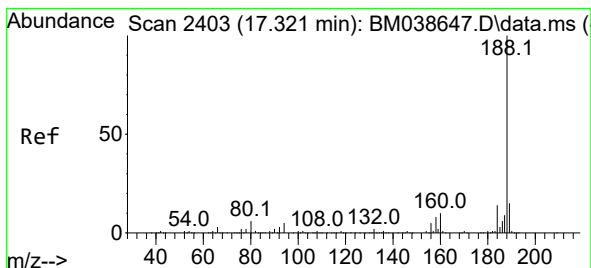
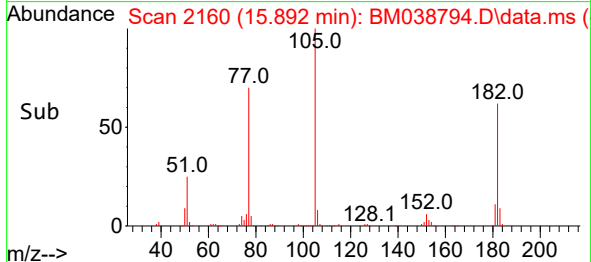
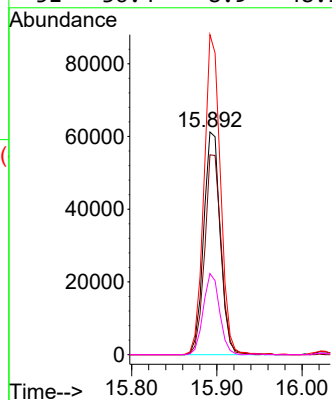
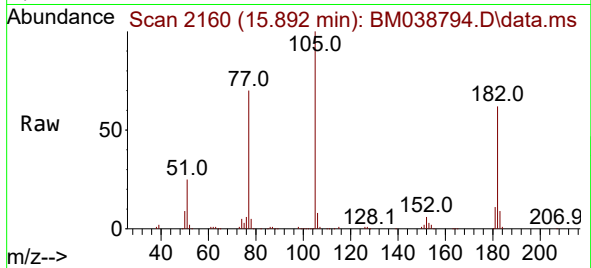




#63
Azobenzene
Concen: 13.607 ng
RT: 15.892 min Scan# 2163
Delta R.T. 0.018 min
Lab File: BM038794.D
Acq: 20 Feb 2023 19:34

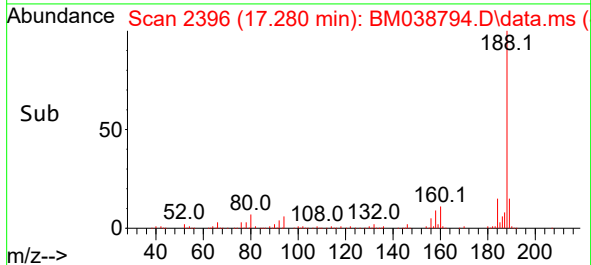
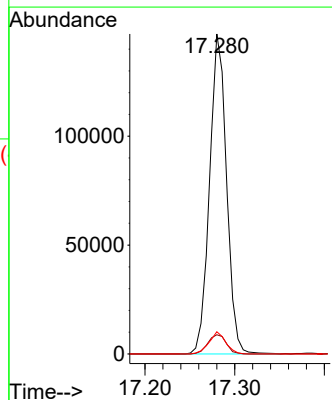
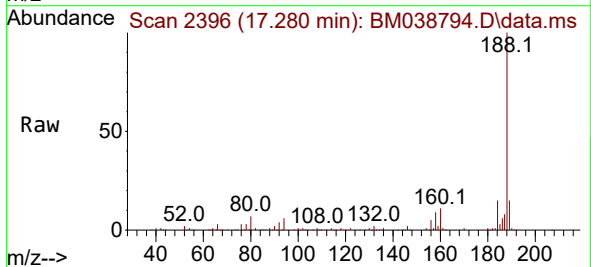
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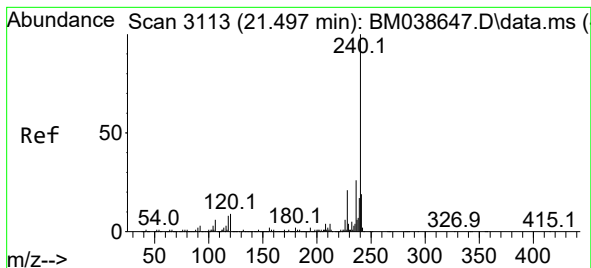
Tgt Ion: 77	Resp: 82945
Ion Ratio	Lower Upper
77 100	
182 89.7	12.0 52.0#
105 143.6	0.0 37.5#
51 36.4	8.9 48.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.280 min Scan# 2396
Delta R.T. -0.006 min
Lab File: BM038794.D
Acq: 20 Feb 2023 19:34

Tgt Ion: 188	Resp: 193422
Ion Ratio	Lower Upper
188 100	
94 6.0	4.2 6.4
80 7.0	4.6 7.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.468 min Scan# 3113

Delta R.T. 0.000 min

Lab File: BM038794.D

Acq: 20 Feb 2023 19:34

Instrument :

BNA_M

ClientSampleId :

B-13-SB02

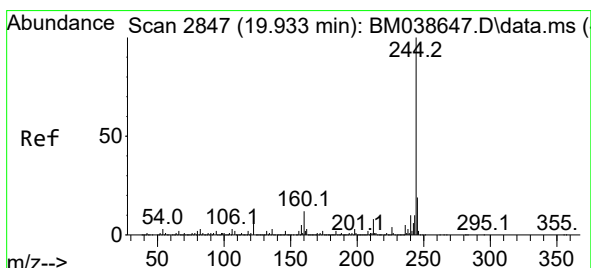
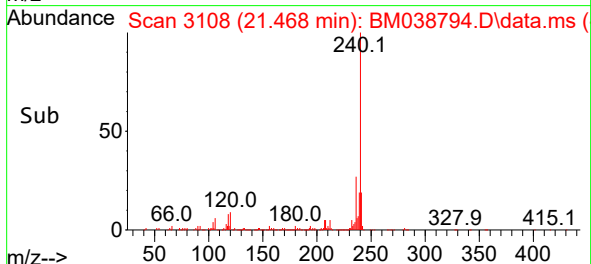
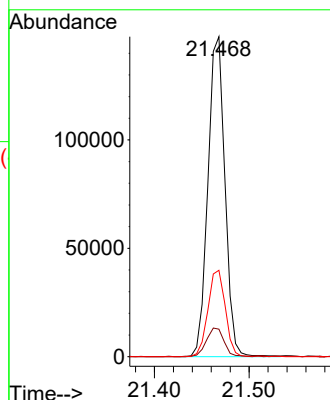
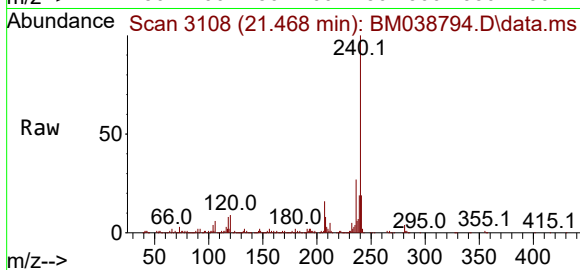
Tgt Ion:240 Resp: 183895

Ion Ratio Lower Upper

240 100

120 8.6 7.0 10.4

236 27.0 20.9 31.3



#79

Terphenyl-d14

Concen: 63.461 ng

RT: 19.903 min Scan# 2842

Delta R.T. -0.006 min

Lab File: BM038794.D

Acq: 20 Feb 2023 19:34

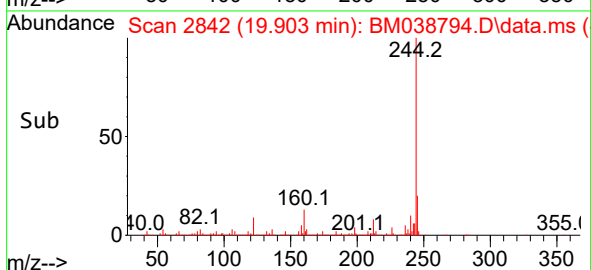
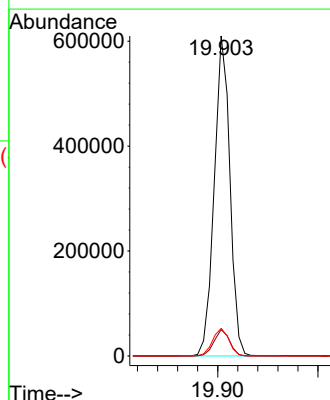
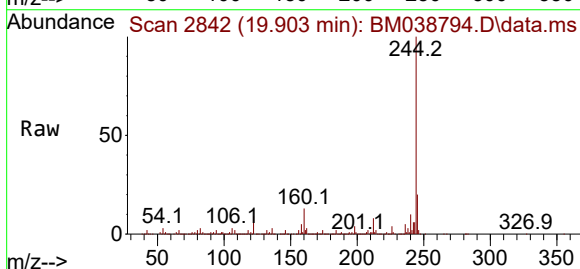
Tgt Ion:244 Resp: 661324

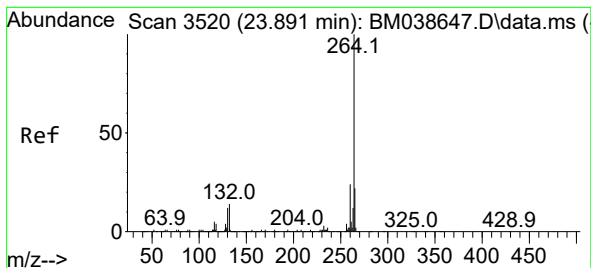
Ion Ratio Lower Upper

244 100

212 8.3 6.6 9.8

122 8.6 7.8 11.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.844 min Scan# 3

Delta R.T. -0.006 min

Lab File: BM038794.D

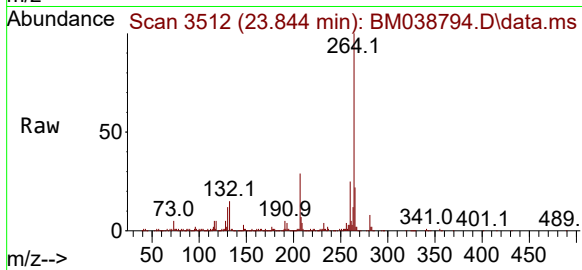
Acq: 20 Feb 2023 19:34

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Tgt Ion:264 Resp: 245948

Ion Ratio Lower Upper

264 100

260 24.6 19.6 29.4

265 21.6 17.9 26.9

