

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032323\
 Data File : BM039121.D
 Acq On : 23 Mar 2023 18:10
 Operator : CG/JU
 Sample : 02036-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 72-11939

Quant Time: Mar 24 04:31:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 03:36:20 2023
 Response via : Initial Calibration

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

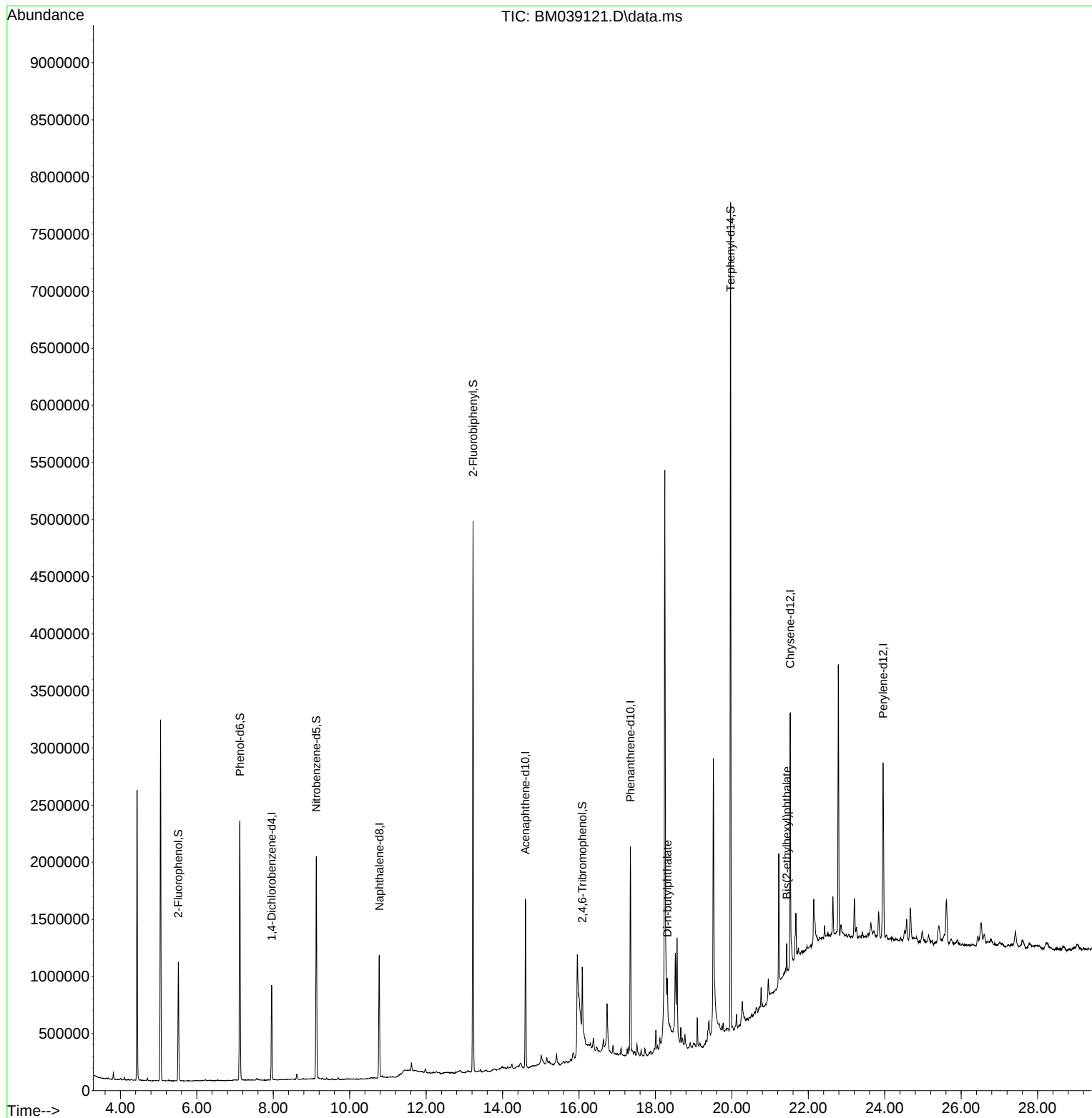
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	227871	20.000	ng	-0.01
21) Naphthalene-d8	10.774	136	891825	20.000	ng	0.00
39) Acenaphthene-d10	14.598	164	515702	20.000	ng	-0.01
64) Phenanthrene-d10	17.345	188	1058448	20.000	ng	0.00
76) Chrysene-d12	21.527	240	990523	20.000	ng	0.00
86) Perylene-d12	23.956	264	1094256	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	446444	29.766	ng	0.00
7) Phenol-d6	7.128	99	1351739	69.385	ng	0.00
23) Nitrobenzene-d5	9.128	82	1090206	60.048	ng	-0.01
42) 2,4,6-Tribromophenol	16.086	330	96017	16.094	ng	-0.01
45) 2-Fluorobiphenyl	13.227	172	2332016	58.868	ng	0.00
79) Terphenyl-d14	19.968	244	3427576	63.267	ng	0.00
Target Compounds						
74) Di-n-butylphthalate	18.315	149	258019	5.400	ng	98
84) Bis(2-ethylhexyl)phtha...	21.433	149	88740	4.325	ng	98

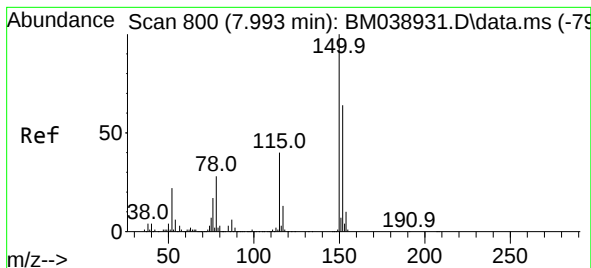
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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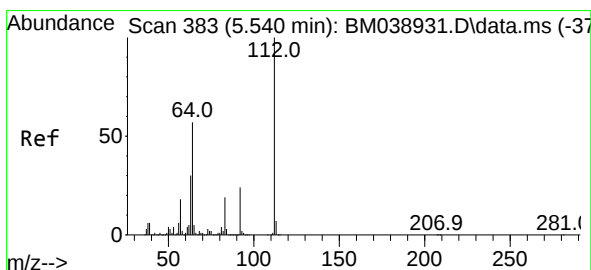
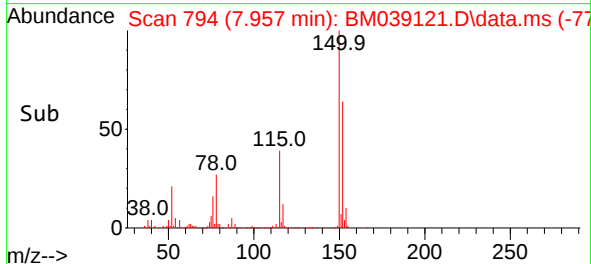
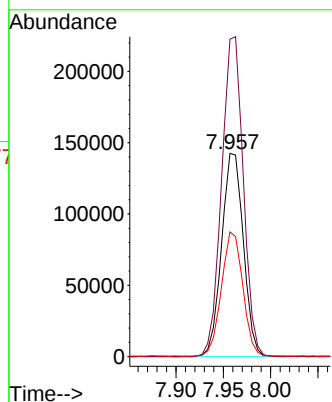
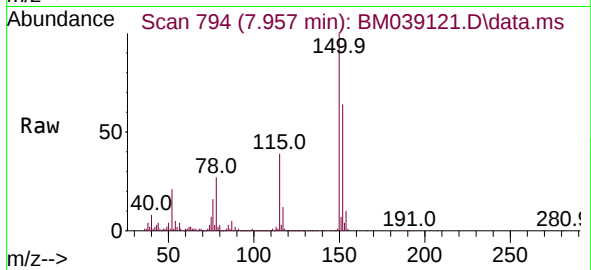




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.957 min Scan# 79
 Delta R.T. -0.012 min
 Lab File: BM039121.D
 Acq: 23 Mar 2023 18:10

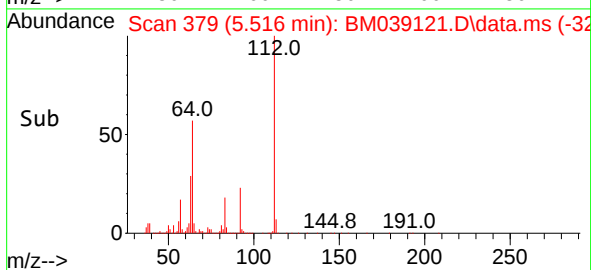
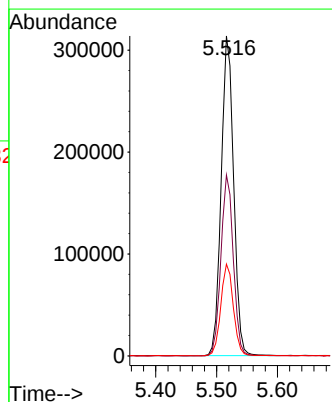
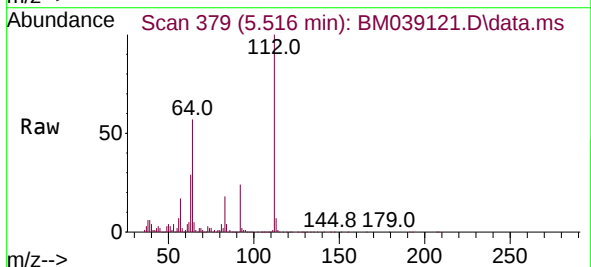
Instrument :
 BNA_M
 ClientSampleId :
 72-11939

Tgt Ion:152 Resp: 227871
 Ion Ratio Lower Upper
 152 100
 150 156.1 125.1 187.7
 115 61.4 49.6 74.4



#5
 2-Fluorophenol
 Concen: 29.766 ng
 RT: 5.516 min Scan# 379
 Delta R.T. -0.006 min
 Lab File: BM039121.D
 Acq: 23 Mar 2023 18:10

Tgt Ion:112 Resp: 446444
 Ion Ratio Lower Upper
 112 100
 64 56.6 45.9 68.9
 63 28.7 23.8 35.8

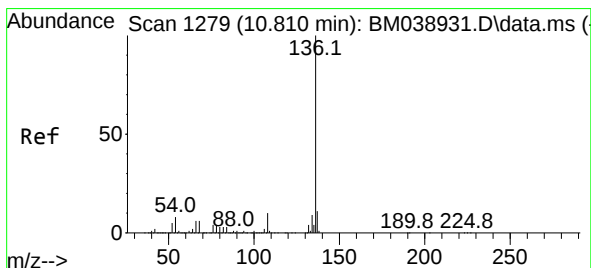
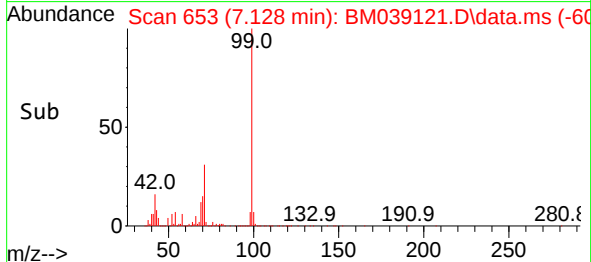
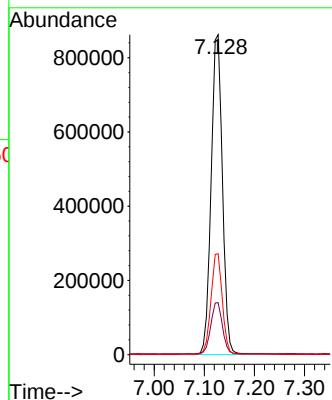
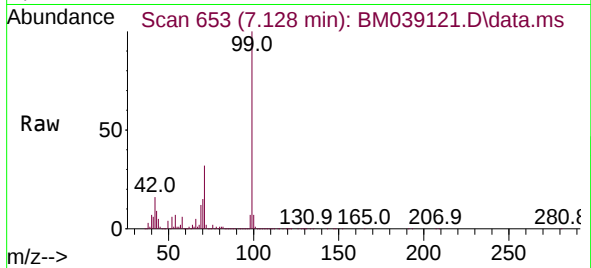




#7
Phenol-d6
Concen: 69.385 ng
RT: 7.128 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM039121.D
Acq: 23 Mar 2023 18:10

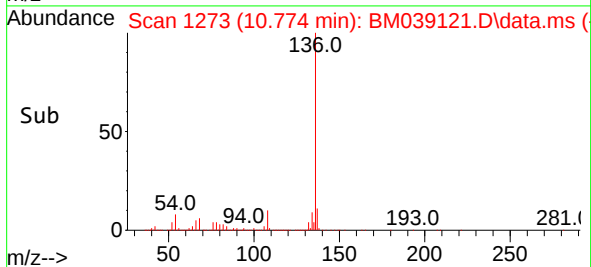
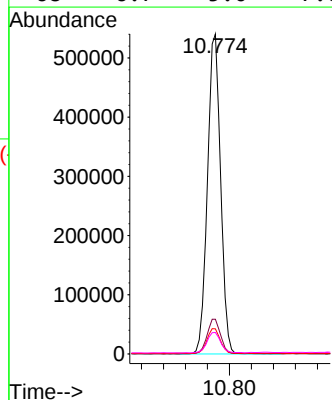
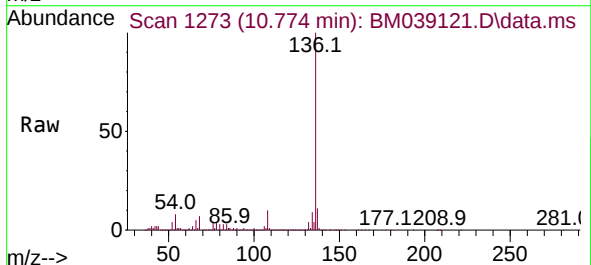
Instrument :
BNA_M
ClientSampleId :
72-11939

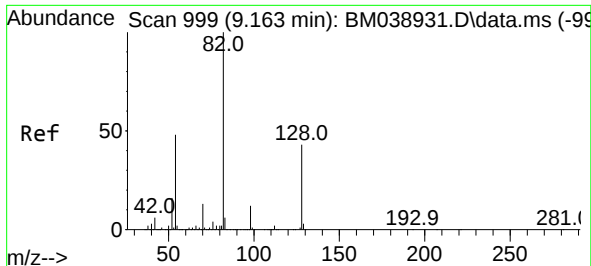
Tgt Ion: 99 Resp: 1351739
Ion Ratio Lower Upper
99 100
42 16.2 13.5 20.3
71 31.5 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.774 min Scan# 1273
Delta R.T. -0.006 min
Lab File: BM039121.D
Acq: 23 Mar 2023 18:10

Tgt Ion: 136 Resp: 891825
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 7.8 6.3 9.5
68 6.7 5.0 7.6

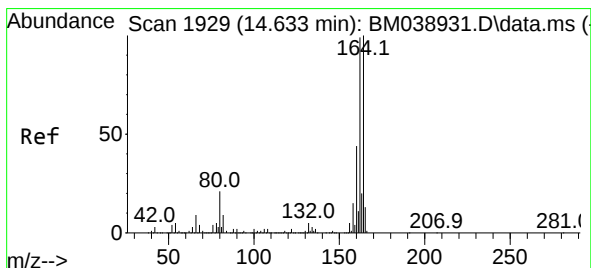
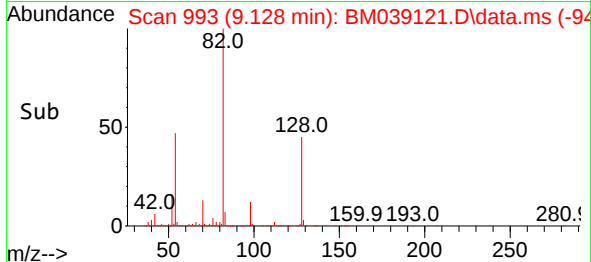
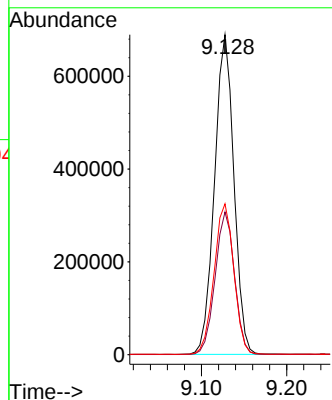
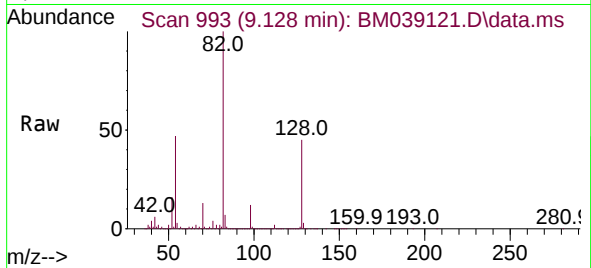




#23
Nitrobenzene-d5
Concen: 60.048 ng
RT: 9.128 min Scan# 999
Delta R.T. -0.012 min
Lab File: BM039121.D
Acq: 23 Mar 2023 18:10

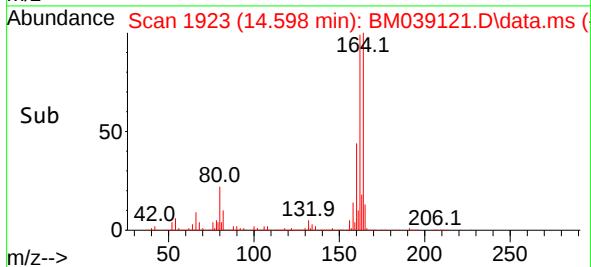
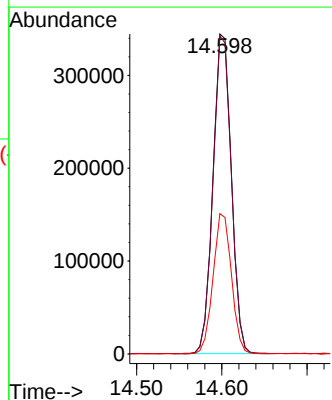
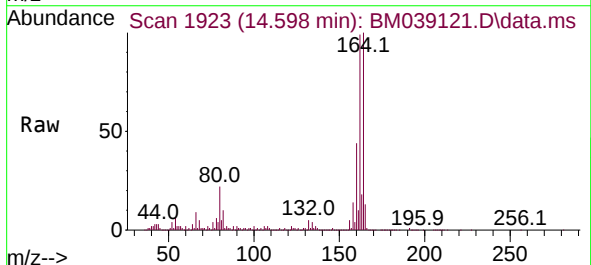
Instrument :
BNA_M
ClientSampleId :
72-11939

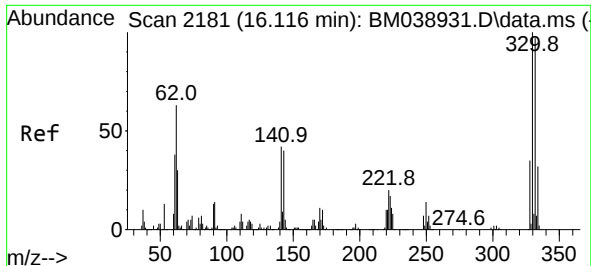
Tgt Ion: 82 Resp: 1090206
Ion Ratio Lower Upper
82 100
128 44.6 34.4 51.6
54 47.1 38.8 58.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.598 min Scan# 1923
Delta R.T. -0.012 min
Lab File: BM039121.D
Acq: 23 Mar 2023 18:10

Tgt Ion: 164 Resp: 515702
Ion Ratio Lower Upper
164 100
162 99.4 79.2 118.8
160 43.8 35.5 53.3

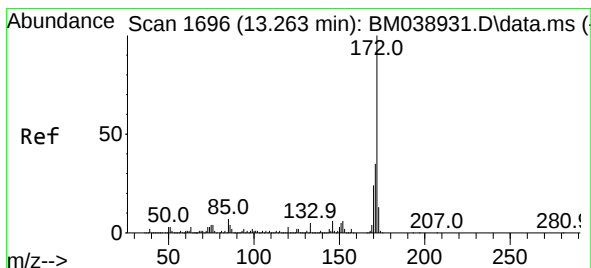
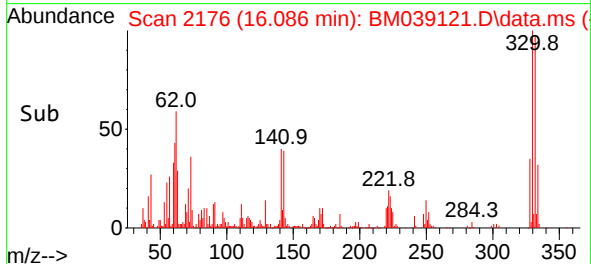
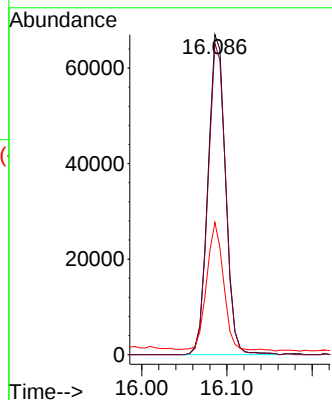
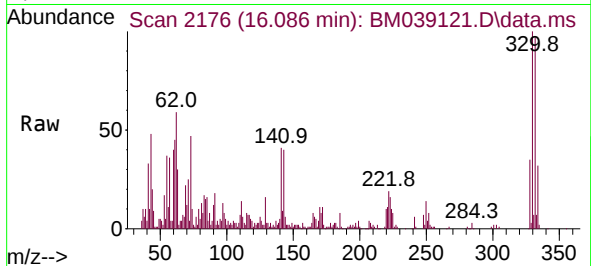




#42
2,4,6-Tribromophenol
Concen: 16.094 ng
RT: 16.086 min Scan# 2181
Delta R.T. -0.012 min
Lab File: BM039121.D
Acq: 23 Mar 2023 18:10

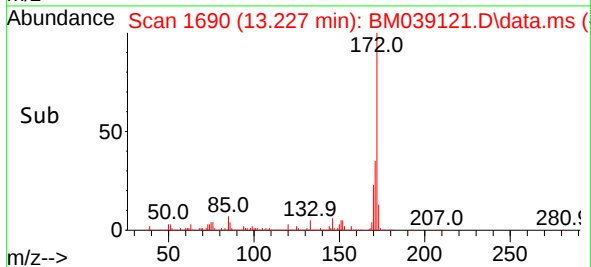
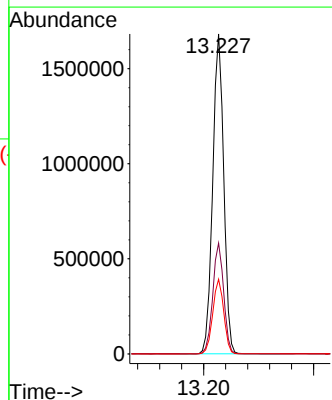
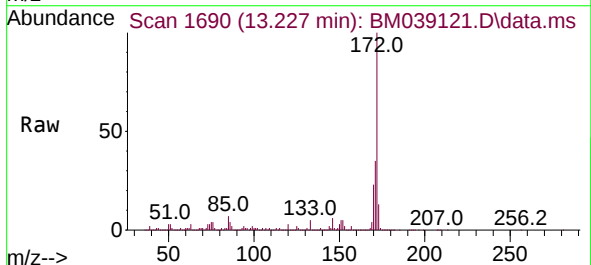
Instrument :
BNA_M
ClientSampleId :
72-11939

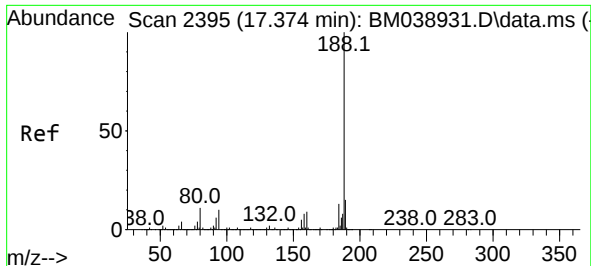
Tgt Ion:330 Resp: 96017
Ion Ratio Lower Upper
330 100
332 97.3 77.4 116.0
141 37.5 32.2 48.4



#45
2-Fluorobiphenyl
Concen: 58.868 ng
RT: 13.227 min Scan# 1690
Delta R.T. -0.006 min
Lab File: BM039121.D
Acq: 23 Mar 2023 18:10

Tgt Ion:172 Resp: 2332016
Ion Ratio Lower Upper
172 100
171 34.6 28.2 42.2
170 23.3 19.1 28.7

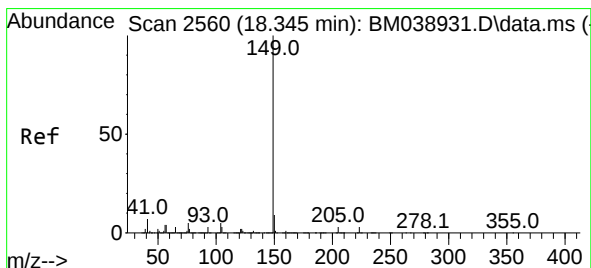
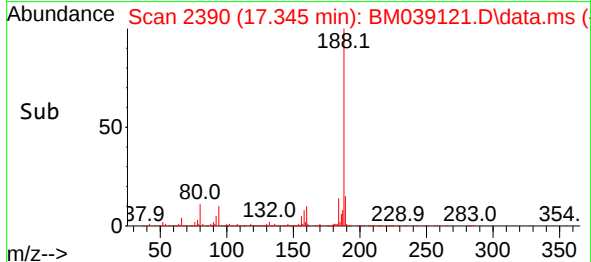
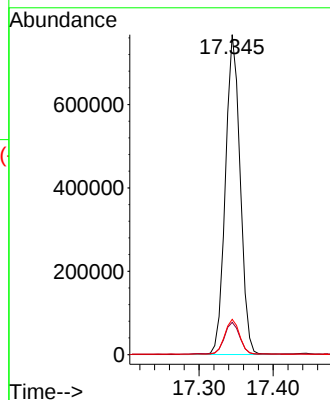
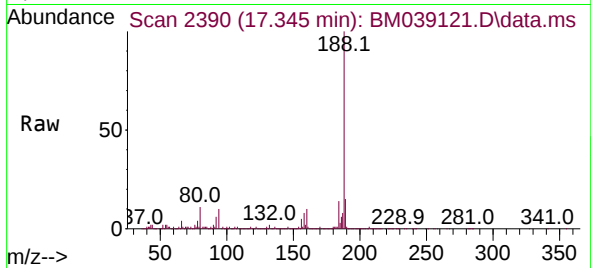




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.345 min Scan# 2395
Delta R.T. -0.006 min
Lab File: BM039121.D
Acq: 23 Mar 2023 18:10

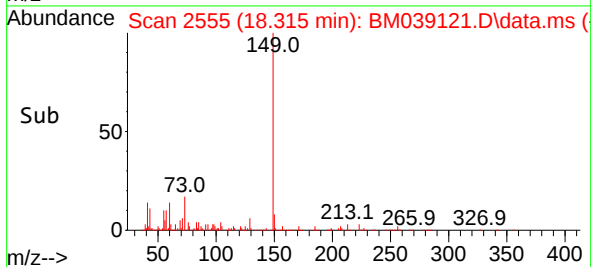
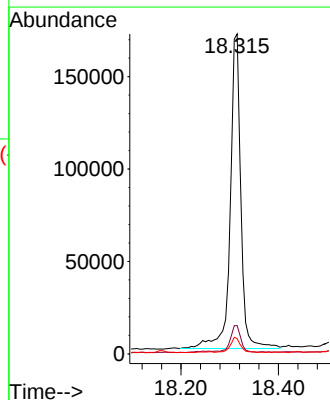
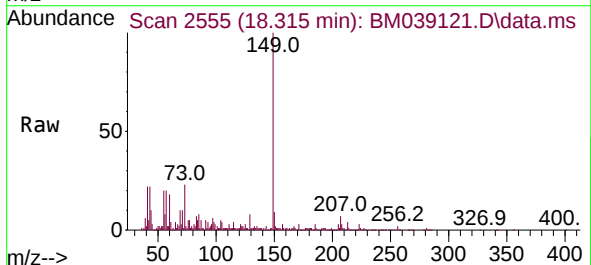
Instrument :
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72-11939

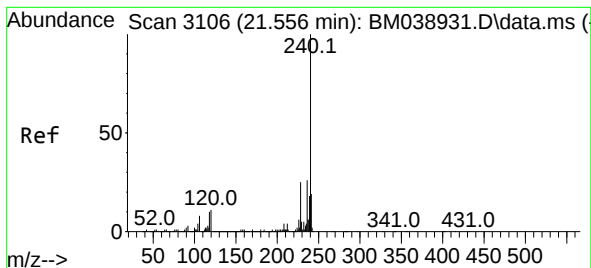
Tgt Ion:188 Resp: 1058448
Ion Ratio Lower Upper
188 100
94 10.1 7.9 11.9
80 11.0 8.5 12.7



#74
Di-n-butylphthalate
Concen: 5.400 ng
RT: 18.315 min Scan# 2555
Delta R.T. -0.006 min
Lab File: BM039121.D
Acq: 23 Mar 2023 18:10

Tgt Ion:149 Resp: 258019
Ion Ratio Lower Upper
149 100
150 8.8 7.4 11.2
104 4.8 4.3 6.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.527 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM039121.D

Acq: 23 Mar 2023 18:10

Instrument :

BNA_M

ClientSampleId :

72-11939

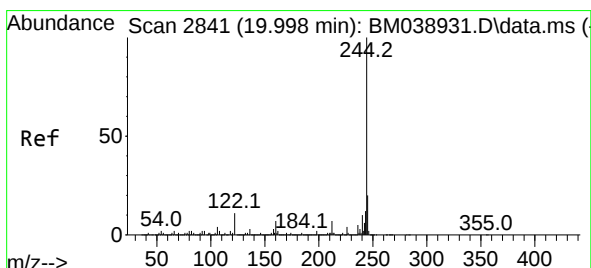
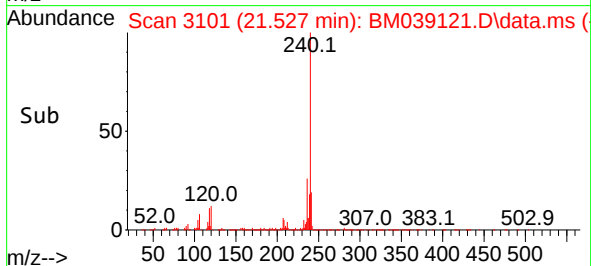
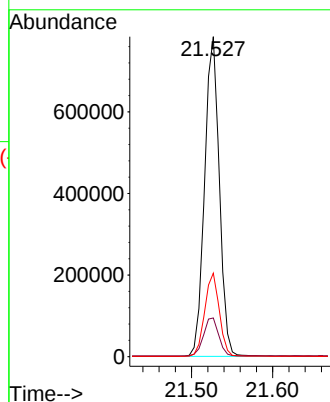
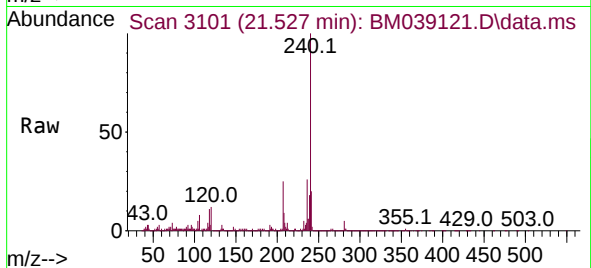
Tgt Ion:240 Resp: 990523

Ion Ratio Lower Upper

240 100

120 12.1 9.2 13.8

236 26.1 20.8 31.2



#79

Terphenyl-d14

Concen: 63.267 ng

RT: 19.968 min Scan# 2836

Delta R.T. -0.000 min

Lab File: BM039121.D

Acq: 23 Mar 2023 18:10

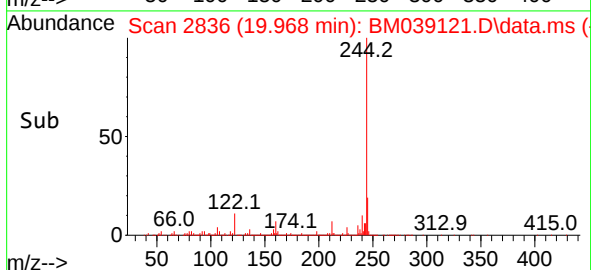
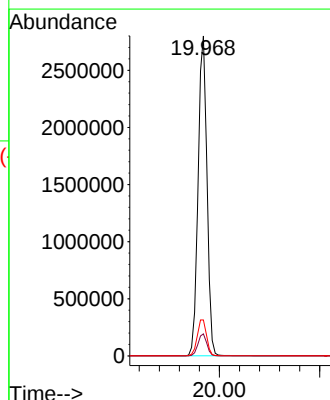
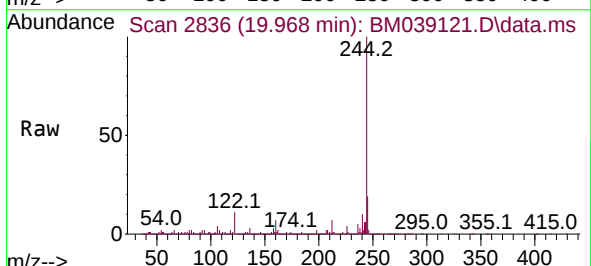
Tgt Ion:244 Resp: 3427576

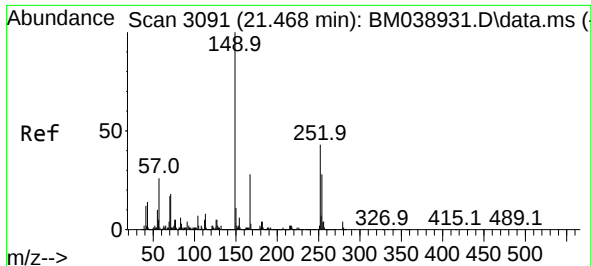
Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 11.2 9.0 13.4

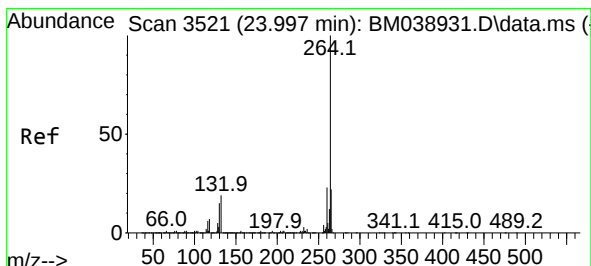
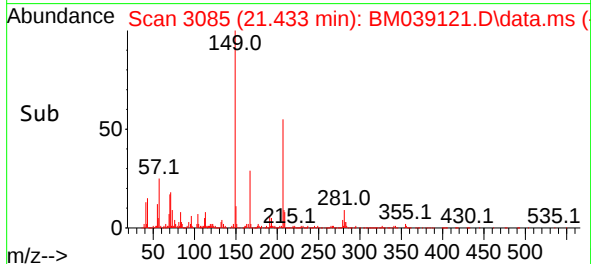
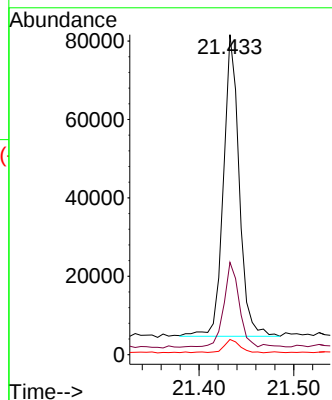
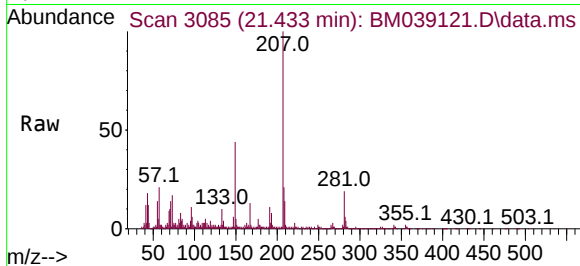




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.325 ng
RT: 21.433 min Scan# 3091
Delta R.T. -0.006 min
Lab File: BM039121.D
Acq: 23 Mar 2023 18:10

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:149 Resp: 88740
Ion Ratio Lower Upper
149 100
167 28.8 22.3 33.5
279 4.7 3.2 4.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.956 min Scan# 3514
Delta R.T. -0.006 min
Lab File: BM039121.D
Acq: 23 Mar 2023 18:10

Tgt Ion:264 Resp: 1094256
Ion Ratio Lower Upper
264 100
260 23.6 18.7 28.1
265 22.1 17.9 26.9

