

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032023\
 Data File : BM039048.D
 Acq On : 20 Mar 2023 17:24
 Operator : CG/JU
 Sample : 01965-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COMP-1

Quant Time: Mar 21 01:45:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 17 05:25:34 2023
 Response via : Initial Calibration

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

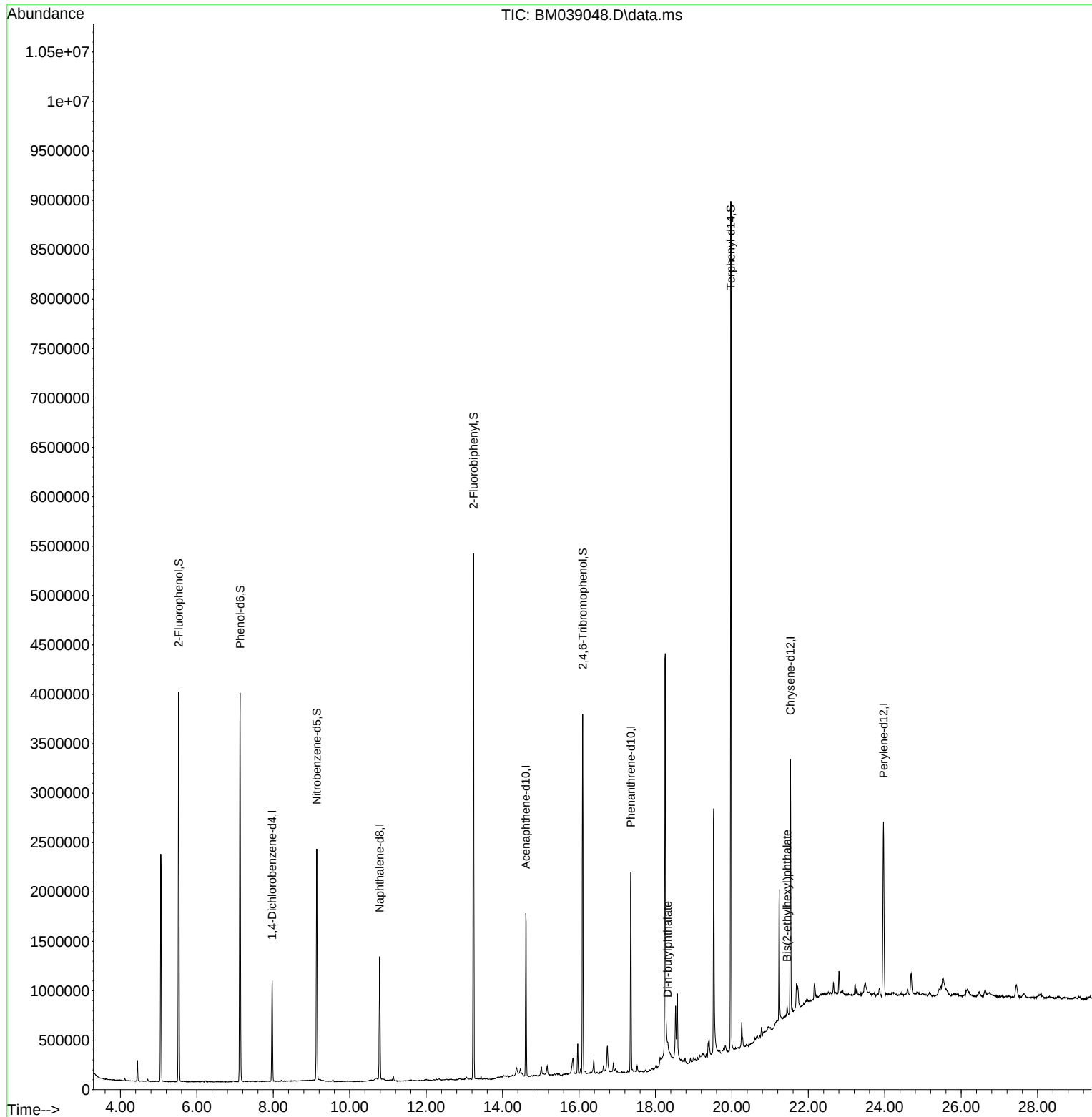
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	257890	20.000	ng	0.00
21) Naphthalene-d8	10.786	136	998948	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	544633	20.000	ng	0.00
64) Phenanthrene-d10	17.357	188	1134830	20.000	ng	0.00
76) Chrysene-d12	21.533	240	1123226	20.000	ng	0.00
86) Perylene-d12	23.968	264	1278485	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1651214	97.277	ng	0.00
7) Phenol-d6	7.134	99	2165653	98.224	ng	0.00
23) Nitrobenzene-d5	9.139	82	1296835	63.769	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	567083	90.005	ng	0.00
45) 2-Fluorobiphenyl	13.239	172	2509692	59.987	ng	0.00
79) Terphenyl-d14	19.974	244	3802700	61.898	ng	0.00
Target Compounds						
74) Di-n-butylphthalate	18.321	149	24341	2.115	ng	# 91
84) Bis(2-ethylhexyl)phtha...	21.445	149	23111	2.908	ng	# 93

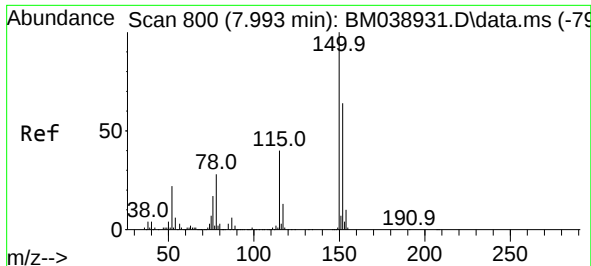
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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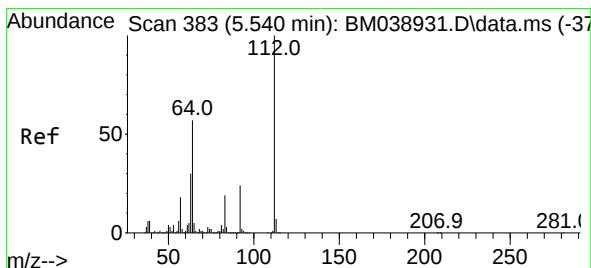
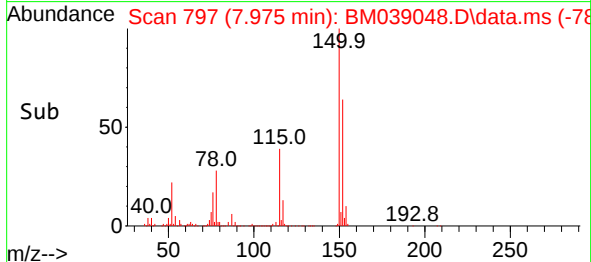
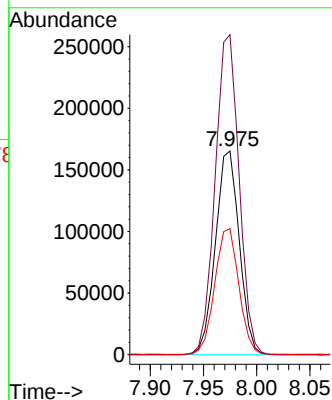
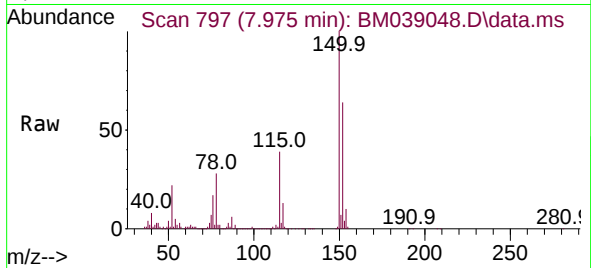




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.975 min Scan# 79
Delta R.T. -0.000 min
Lab File: BM039048.D
Acq: 20 Mar 2023 17:24

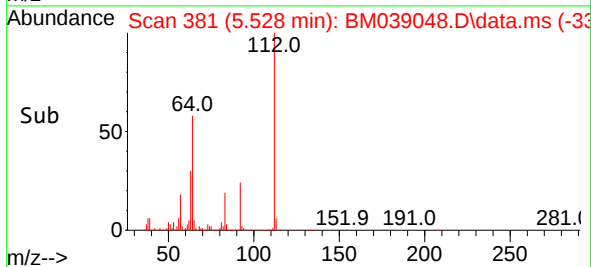
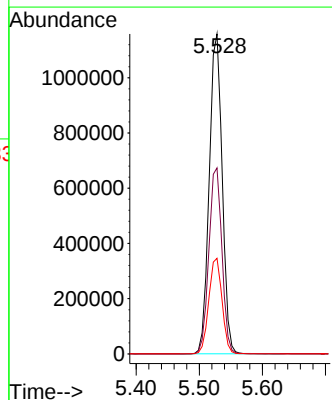
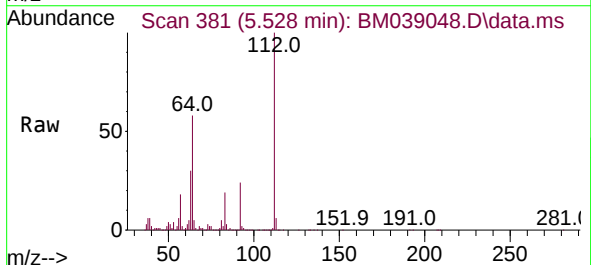
Instrument :
BNA_M
ClientSampleId :
COMP-1

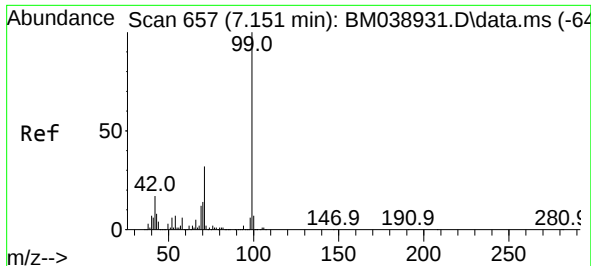
Tgt Ion:152 Resp: 257890
Ion Ratio Lower Upper
152 100
150 157.1 125.1 187.7
115 61.8 49.6 74.4



#5
2-Fluorophenol
Concen: 97.277 ng
RT: 5.528 min Scan# 381
Delta R.T. 0.000 min
Lab File: BM039048.D
Acq: 20 Mar 2023 17:24

Tgt Ion:112 Resp: 1651214
Ion Ratio Lower Upper
112 100
64 58.1 45.9 68.9
63 29.9 23.8 35.8

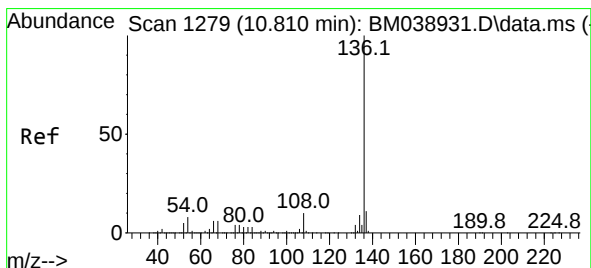
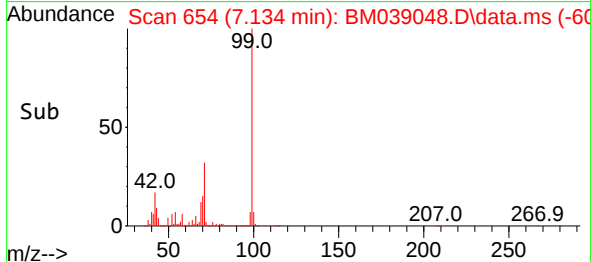
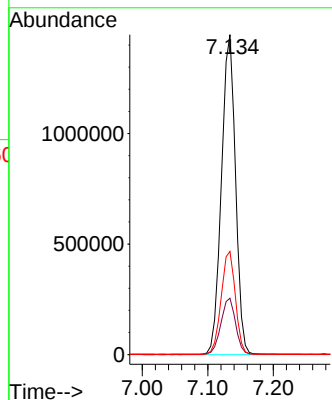
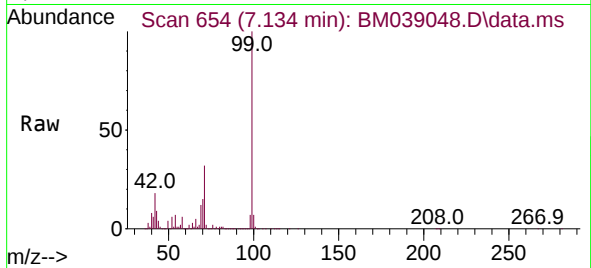




#7
Phenol-d6
Concen: 98.224 ng
RT: 7.134 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM039048.D
Acq: 20 Mar 2023 17:24

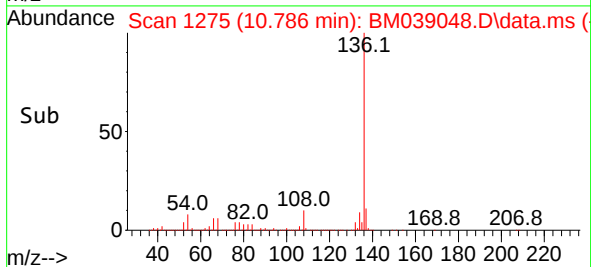
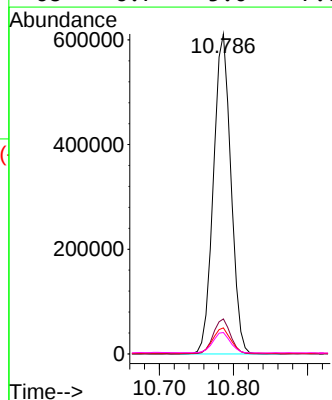
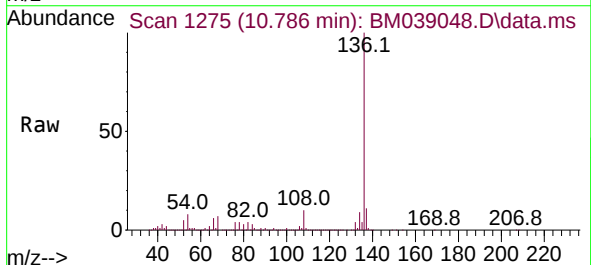
Instrument :
BNA_M
ClientSampleId :
COMP-1

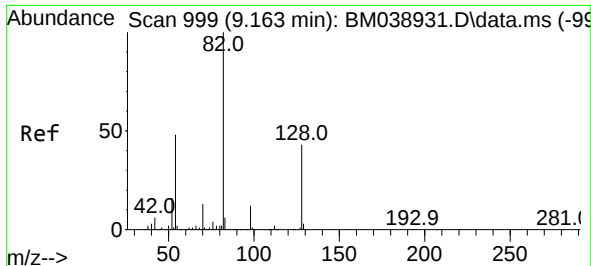
Tgt Ion: 99 Resp: 2165653
Ion Ratio Lower Upper
99 100
42 17.6 13.5 20.3
71 32.2 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.786 min Scan# 1275
Delta R.T. -0.006 min
Lab File: BM039048.D
Acq: 20 Mar 2023 17:24

Tgt Ion: 136 Resp: 998948
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 8.1 6.3 9.5
68 6.7 5.0 7.6

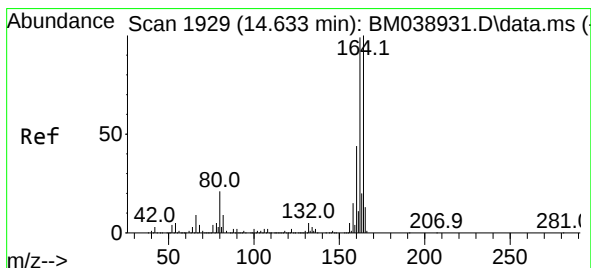
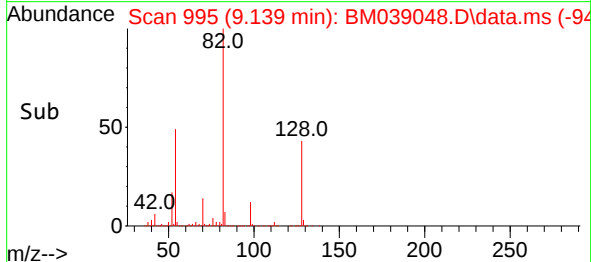
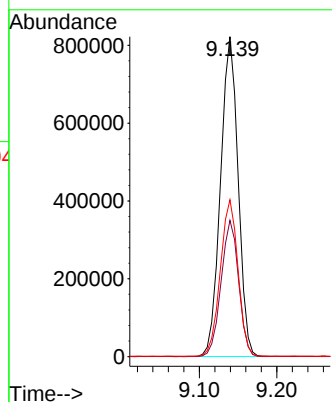
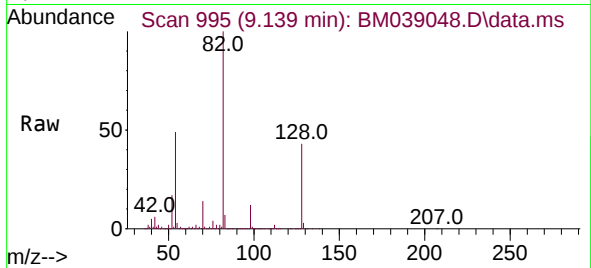




#23
Nitrobenzene-d5
Concen: 63.769 ng
RT: 9.139 min Scan# 995
Delta R.T. -0.006 min
Lab File: BM039048.D
Acq: 20 Mar 2023 17:24

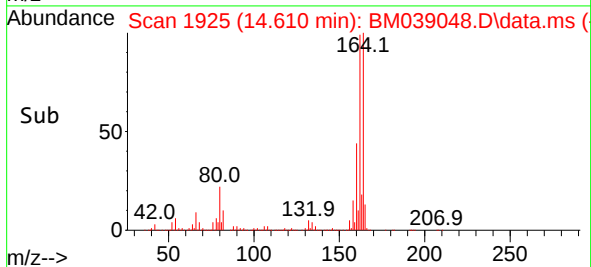
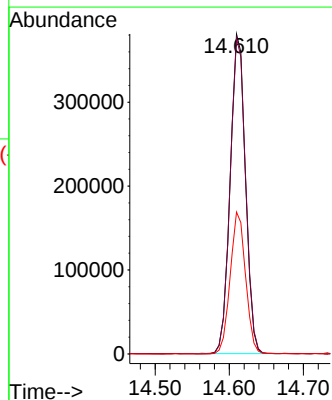
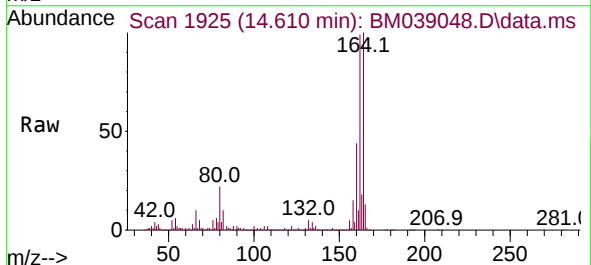
Instrument :
BNA_M
ClientSampleId :
COMP-1

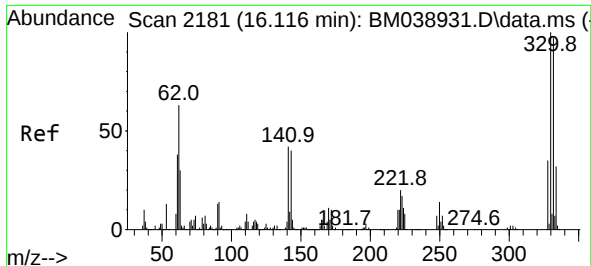
Tgt Ion: 82 Resp: 1296835
Ion Ratio Lower Upper
82 100
128 42.6 34.4 51.6
54 49.0 38.8 58.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.610 min Scan# 1925
Delta R.T. -0.006 min
Lab File: BM039048.D
Acq: 20 Mar 2023 17:24

Tgt Ion:164 Resp: 544633
Ion Ratio Lower Upper
164 100
162 98.8 79.2 118.8
160 44.3 35.5 53.3

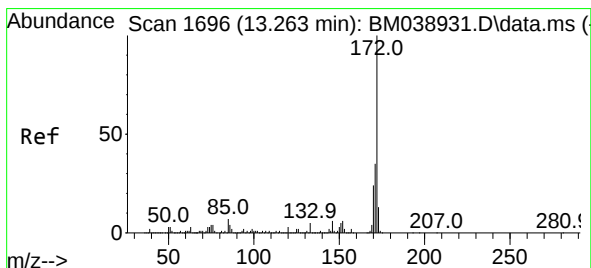
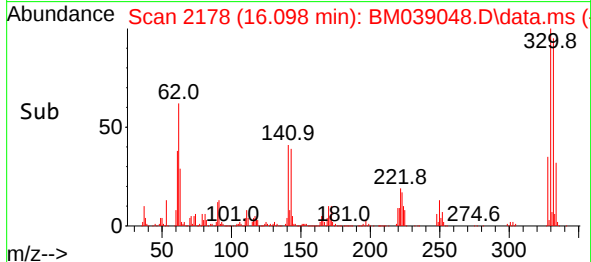
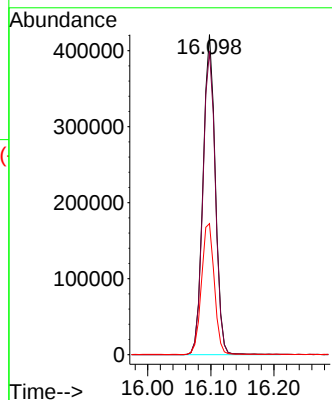
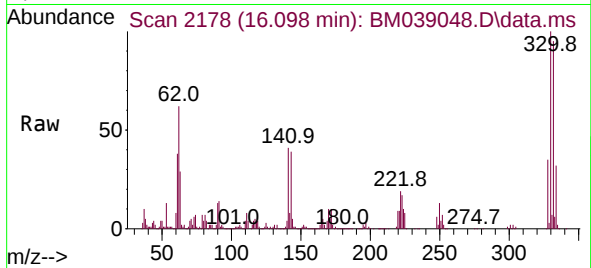




#42
2,4,6-Tribromophenol
Concen: 90.005 ng
RT: 16.098 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BM039048.D
Acq: 20 Mar 2023 17:24

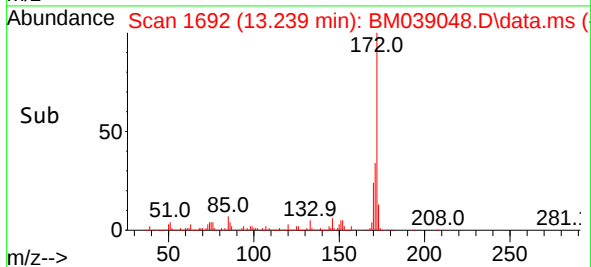
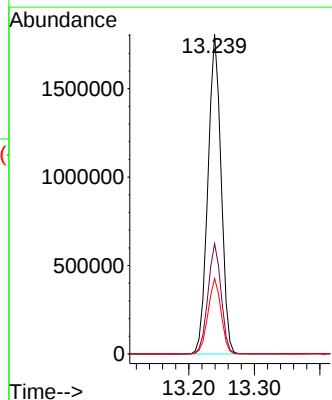
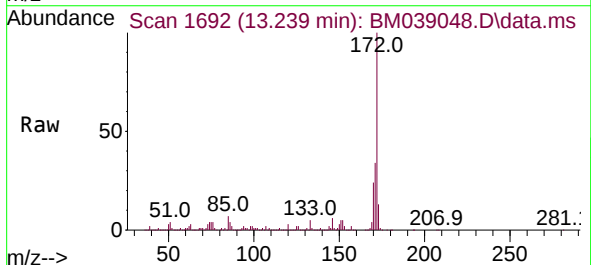
Instrument :
BNA_M
ClientSampleId :
COMP-1

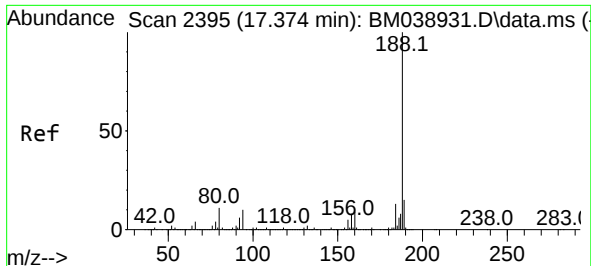
Tgt Ion:330 Resp: 567083
Ion Ratio Lower Upper
330 100
332 96.6 77.4 116.0
141 42.9 32.2 48.4



#45
2-Fluorobiphenyl
Concen: 59.987 ng
RT: 13.239 min Scan# 1692
Delta R.T. -0.006 min
Lab File: BM039048.D
Acq: 20 Mar 2023 17:24

Tgt Ion:172 Resp: 2509692
Ion Ratio Lower Upper
172 100
171 34.5 28.2 42.2
170 23.5 19.1 28.7

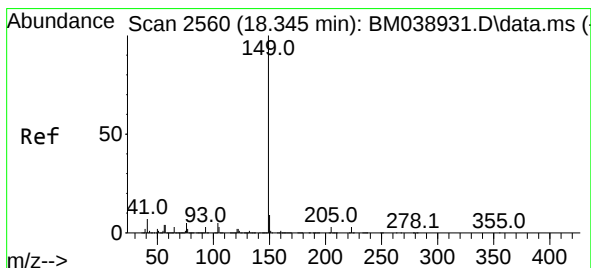
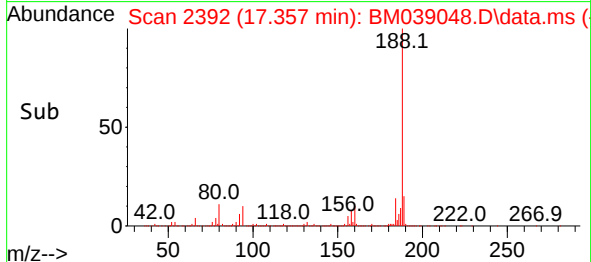
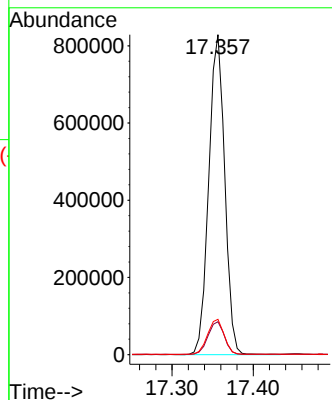
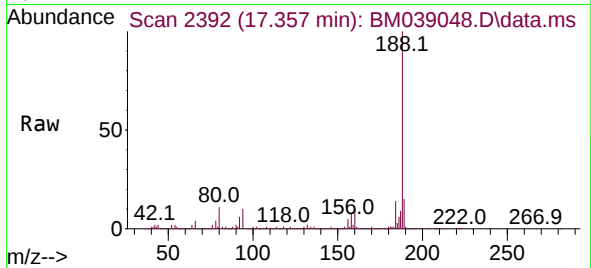




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.357 min Scan# 2395
Delta R.T. -0.006 min
Lab File: BM039048.D
Acq: 20 Mar 2023 17:24

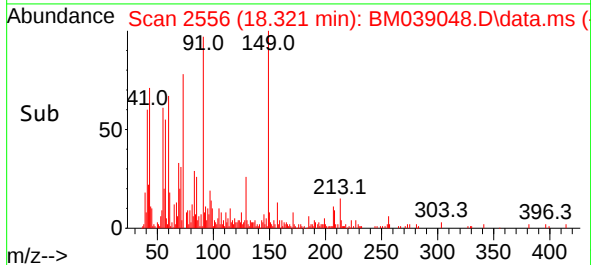
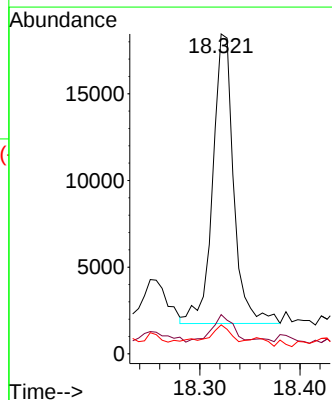
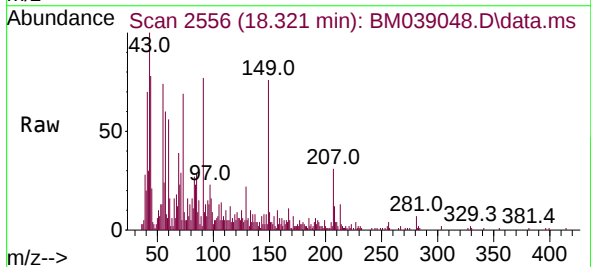
Instrument :
BNA_M
ClientSampleId :
COMP-1

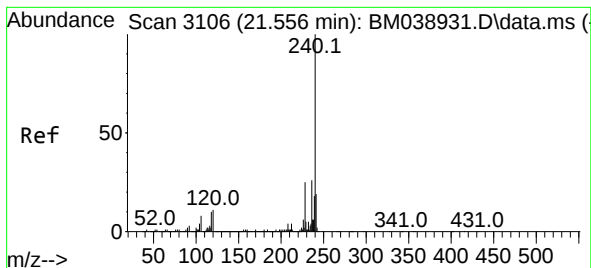
Tgt Ion:188 Resp: 1134830
Ion Ratio Lower Upper
188 100
94 10.3 7.9 11.9
80 11.0 8.5 12.7



#74
Di-n-butylphthalate
Concen: 2.115 ng
RT: 18.321 min Scan# 2556
Delta R.T. -0.006 min
Lab File: BM039048.D
Acq: 20 Mar 2023 17:24

Tgt Ion:149 Resp: 24341
Ion Ratio Lower Upper
149 100
150 12.3 7.4 11.2#
104 9.1 4.3 6.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.533 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM039048.D

Acq: 20 Mar 2023 17:24

Instrument :

BNA_M

ClientSampleId :

COMP-1

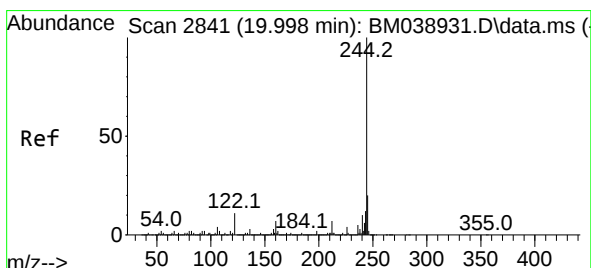
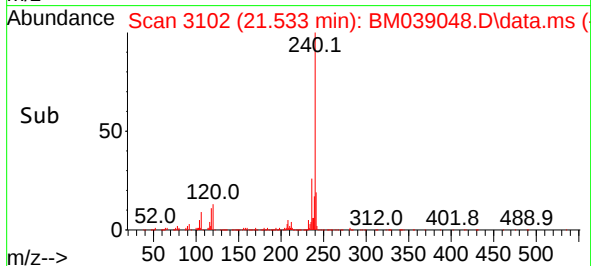
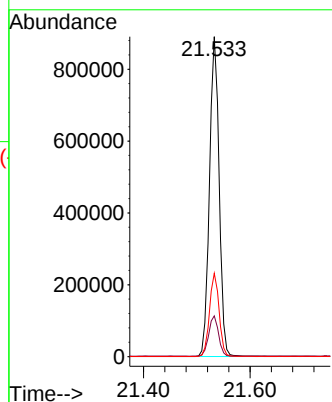
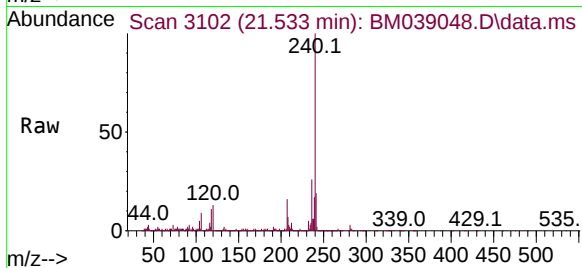
Tgt Ion:240 Resp: 1123226

Ion Ratio Lower Upper

240 100

120 12.7 9.2 13.8

236 26.0 20.8 31.2



#79

Terphenyl-d14

Concen: 61.898 ng

RT: 19.974 min Scan# 2837

Delta R.T. -0.006 min

Lab File: BM039048.D

Acq: 20 Mar 2023 17:24

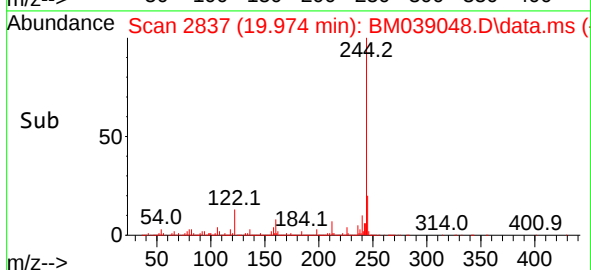
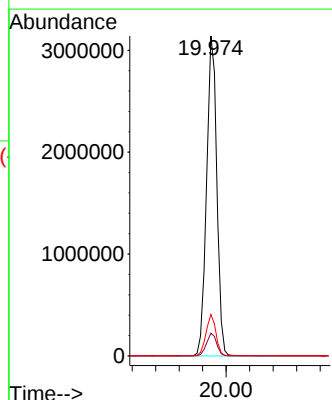
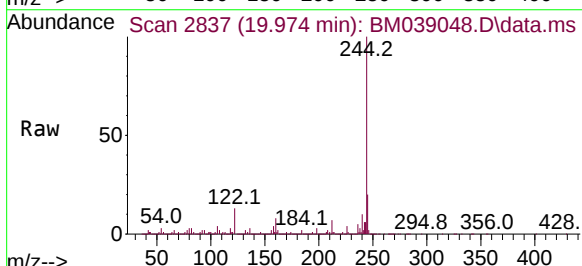
Tgt Ion:244 Resp: 3802700

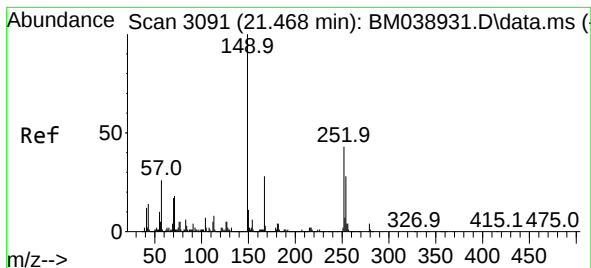
Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

122 12.9 9.0 13.4

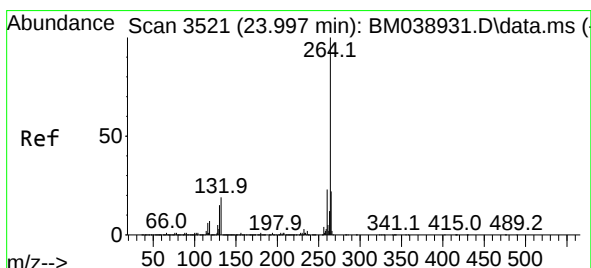
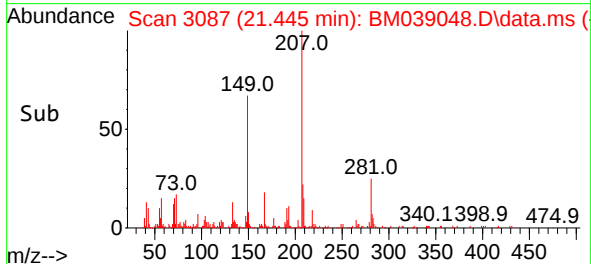
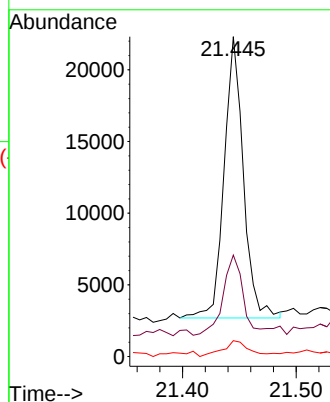
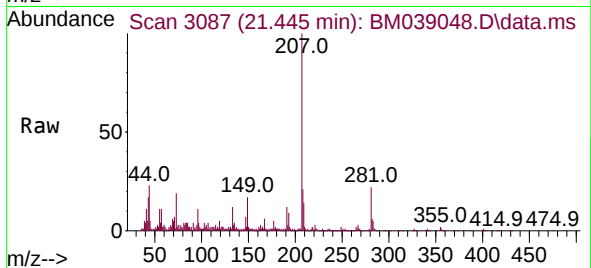




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.908 ng
RT: 21.445 min Scan# 3091
Delta R.T. -0.006 min
Lab File: BM039048.D
Acq: 20 Mar 2023 17:24

Instrument :
BNA_M
ClientSampleId :
COMP-1

Tgt Ion:149 Resp: 23111
Ion Ratio Lower Upper
149 100
167 31.7 22.3 33.5
279 5.0 3.2 4.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.968 min Scan# 3516
Delta R.T. -0.012 min
Lab File: BM039048.D
Acq: 20 Mar 2023 17:24

Tgt Ion:264 Resp: 1278485
Ion Ratio Lower Upper
264 100
260 23.9 18.7 28.1
265 22.0 17.9 26.9

