

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040725\
 Data File : BM049838.D
 Acq On : 07 Apr 2025 14:04
 Operator : RC/JU
 Sample : Q1675-18
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 K1P

Quant Time: Apr 07 14:55:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 14:55:34 2025
 Response via : Initial Calibration

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

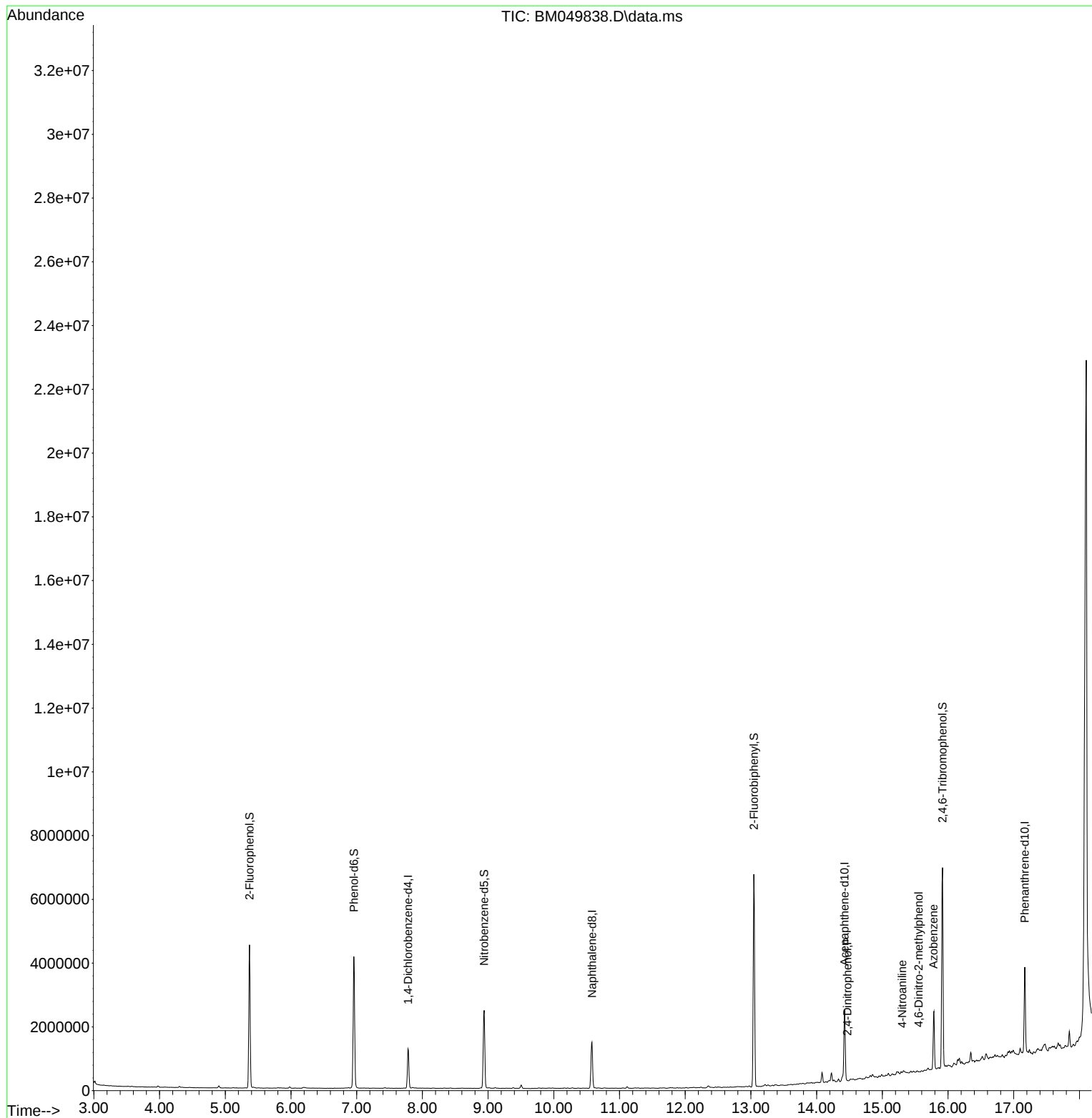
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	359832	20.000	ng	-0.02
21) Naphthalene-d8	10.580	136	1263445	20.000	ng	-0.02
39) Acenaphthene-d10	14.427	164	811796	20.000	ng	-0.02
64) Phenanthrene-d10	17.168	188	1511487	20.000	ng	-0.02
76) Chrysene-d12	21.403	240	1443653	20.000	ng	-0.02
86) Perylene-d12	24.409	264	1643723	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1985128	93.087	ng	-0.02
7) Phenol-d6	6.957	99	2415578	90.260	ng	-0.02
23) Nitrobenzene-d5	8.939	82	1416069	57.544	ng	-0.02
42) 2,4,6-Tribromophenol	15.915	330	1303619	137.522	ng	-0.02
45) 2-Fluorobiphenyl	13.045	172	3537935	54.581	ng	-0.02
79) Terphenyl-d14	19.798	244	4902521	57.225	ng	-0.01
Target Compounds						
						Qvalue
54) 2,4-Dinitrophenol	14.468	184	57	3.198	ng	# 1
62) 4-Nitroaniline	15.304	138	9539	4.451	ng	84
63) Azobenzene	15.780	77	481156	9.569	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.551	198	58	3.023	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.315	149	610951	12.524	ng	100

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

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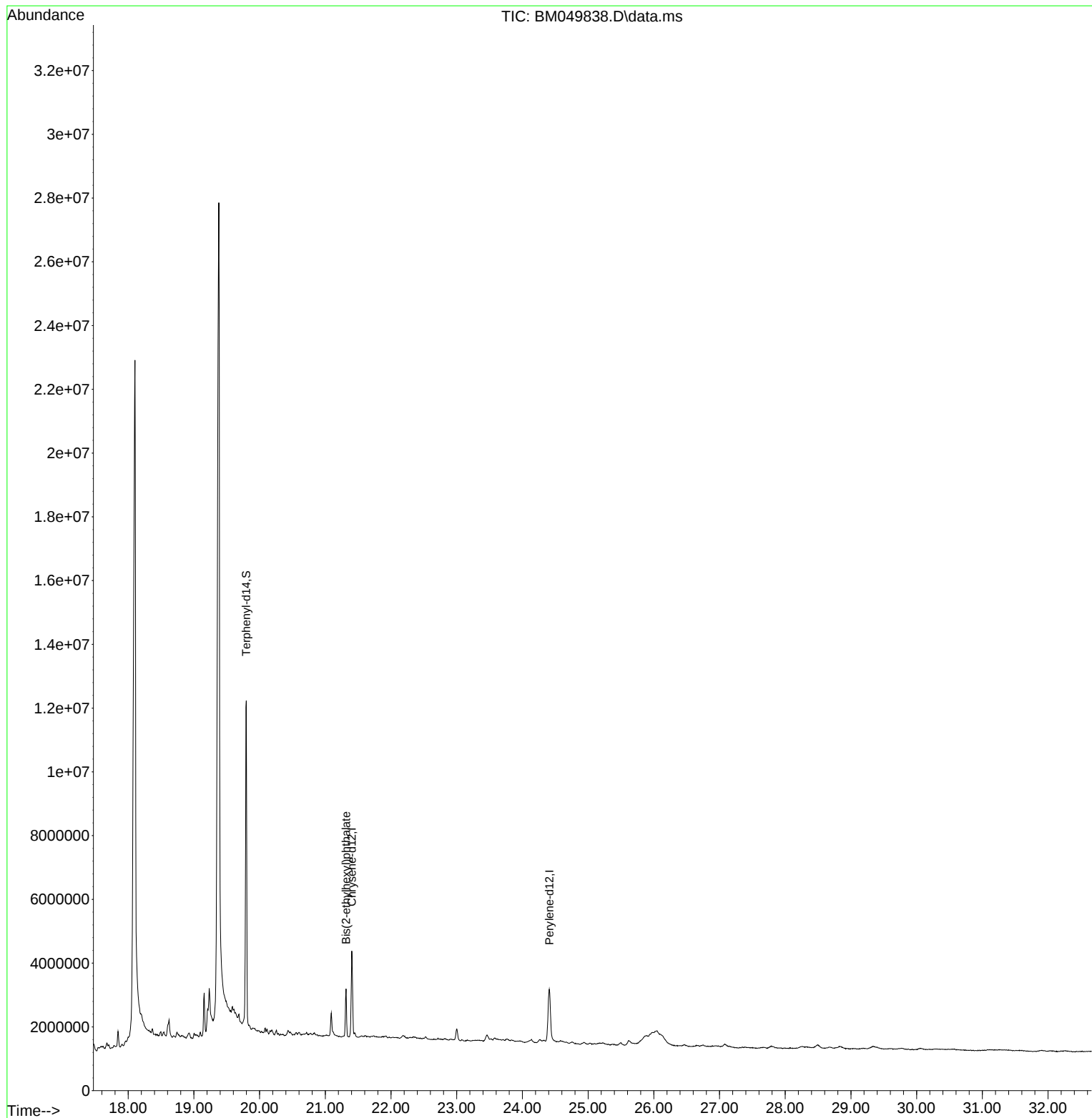
Quant Time: Apr 07 14:55:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 14:55:34 2025
Response via : Initial Calibration

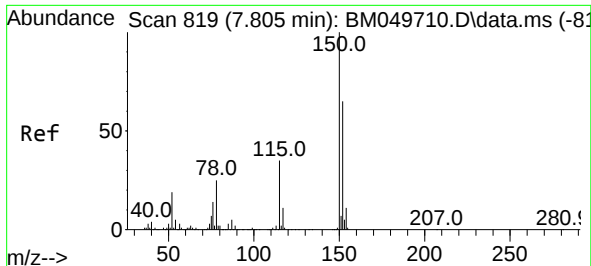


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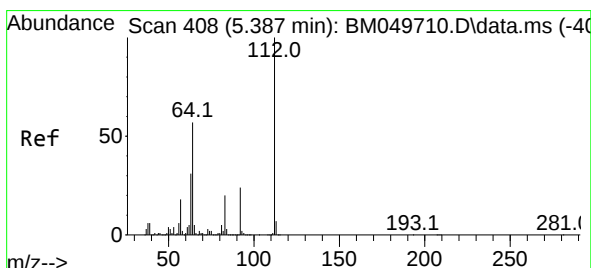
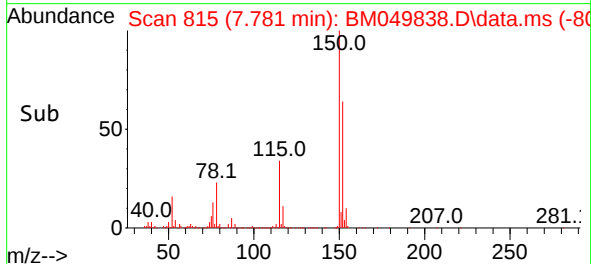
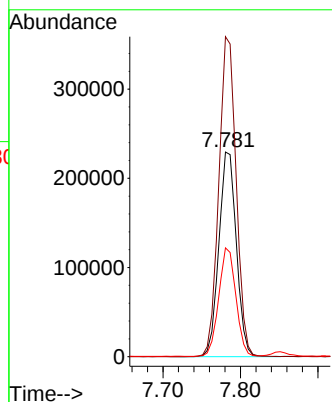
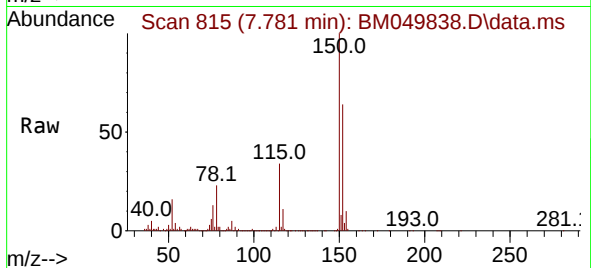




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.781 min Scan# 819
 Delta R.T. -0.024 min
 Lab File: BM049838.D
 Acq: 07 Apr 2025 14:04

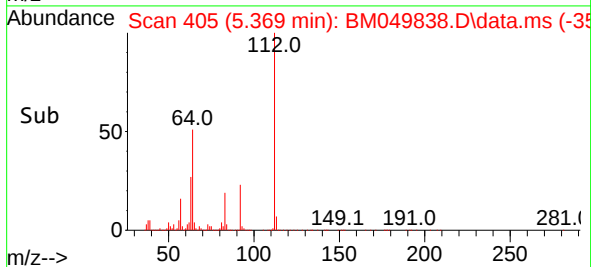
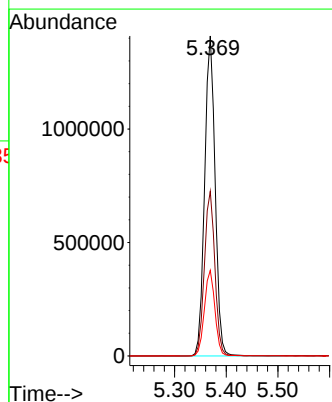
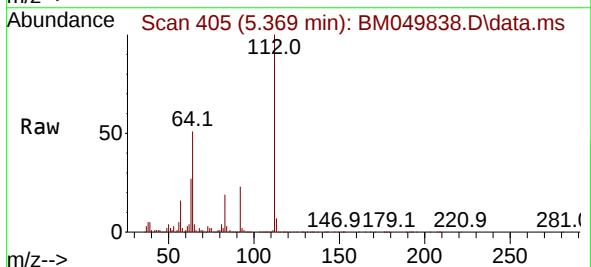
Instrument :
 BNA_M
 ClientSampleId :
 K1P

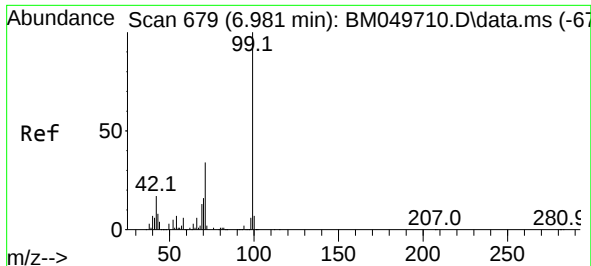
Tgt Ion:152 Resp: 359832
 Ion Ratio Lower Upper
 152 100
 150 156.3 123.8 185.8
 115 53.1 43.0 64.6



#5
 2-Fluorophenol
 Concen: 93.087 ng
 RT: 5.369 min Scan# 405
 Delta R.T. -0.018 min
 Lab File: BM049838.D
 Acq: 07 Apr 2025 14:04

Tgt Ion:112 Resp: 1985128
 Ion Ratio Lower Upper
 112 100
 64 51.5 45.3 67.9
 63 26.7 24.4 36.6



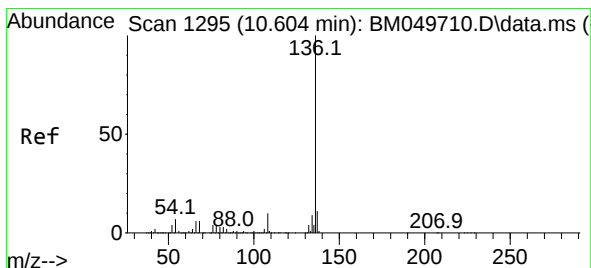
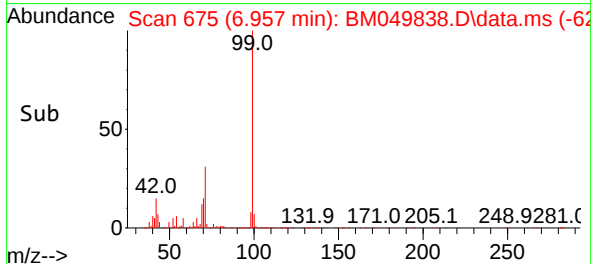
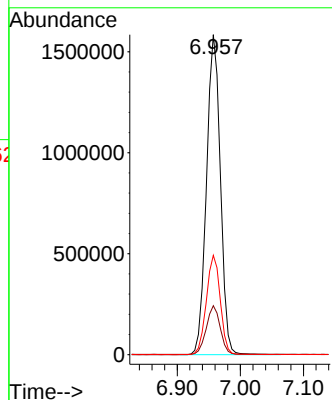
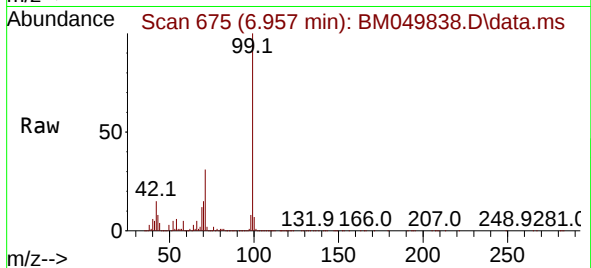


#7
Phenol-d6
Concen: 90.260 ng
RT: 6.957 min Scan# 61
Delta R.T. -0.024 min
Lab File: BM049838.D
Acq: 07 Apr 2025 14:04

Instrument :
BNA_M
ClientSampleId :
K1P

Tgt Ion: 99 Resp: 2415578

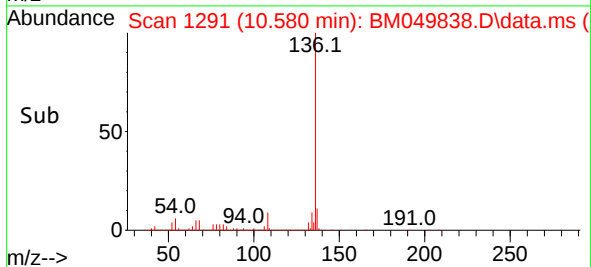
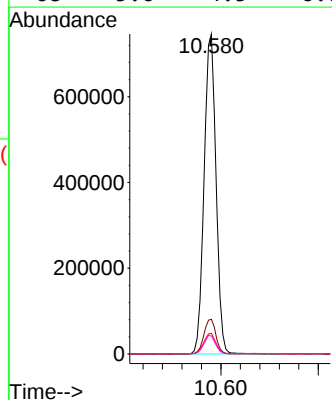
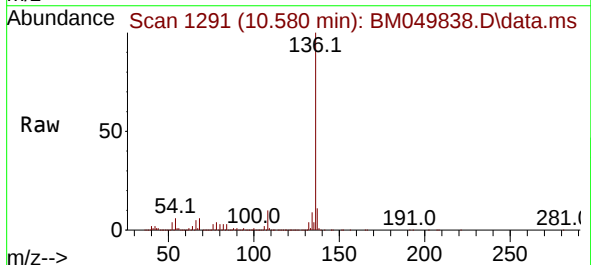
Ion	Ratio	Lower	Upper
99	100		
42	15.3	13.6	20.4
71	31.1	27.0	40.6

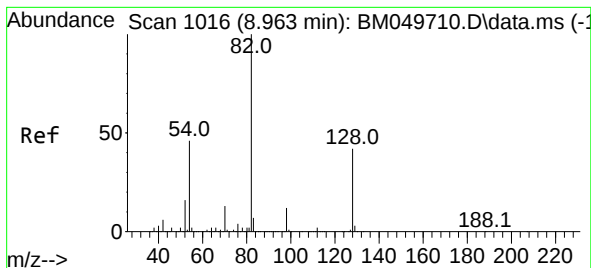


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.580 min Scan# 1291
Delta R.T. -0.024 min
Lab File: BM049838.D
Acq: 07 Apr 2025 14:04

Tgt Ion: 136 Resp: 1263445

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	6.4	5.8	8.8
68	5.6	4.5	6.7





#23

Nitrobenzene-d5

Concen: 57.544 ng

RT: 8.939 min Scan# 1012

Delta R.T. -0.024 min

Lab File: BM049838.D

Acq: 07 Apr 2025 14:04

Instrument :

BNA_M

ClientSampleId :

K1P

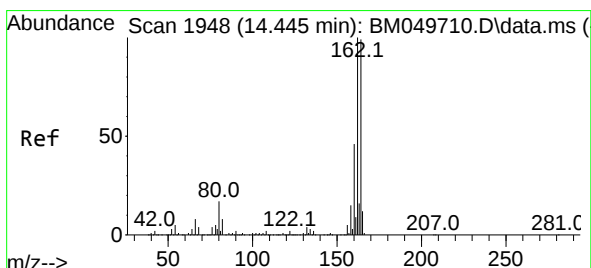
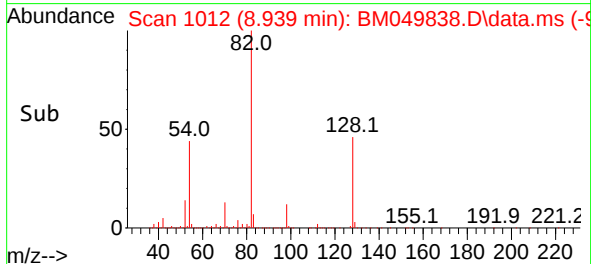
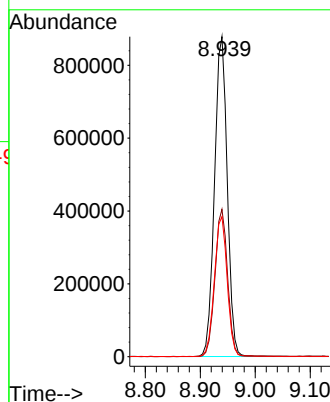
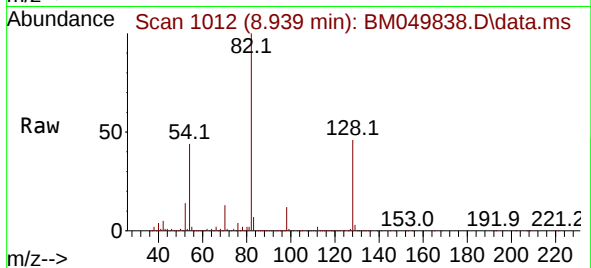
Tgt Ion: 82 Resp: 1416069

Ion Ratio Lower Upper

82 100

128 46.0 33.4 50.0

54 43.7 36.4 54.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.427 min Scan# 1945

Delta R.T. -0.018 min

Lab File: BM049838.D

Acq: 07 Apr 2025 14:04

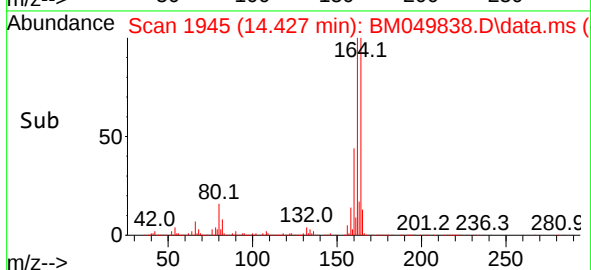
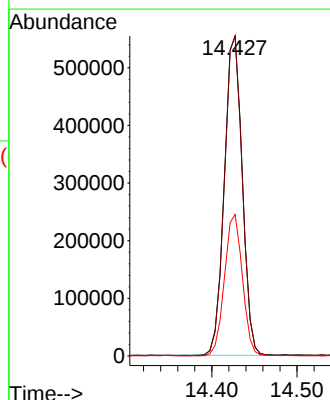
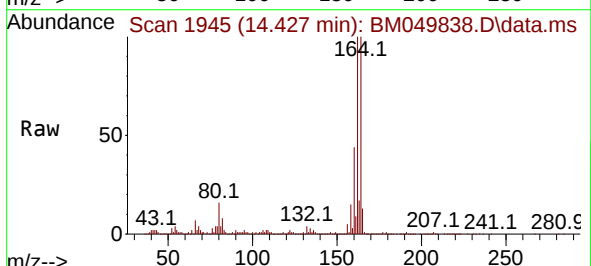
Tgt Ion:164 Resp: 811796

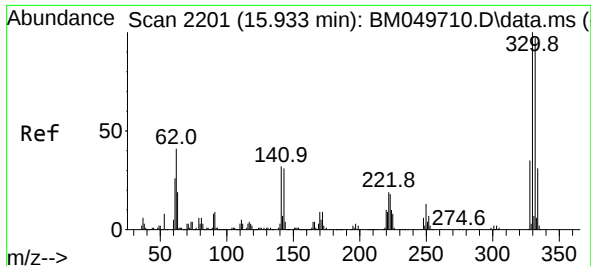
Ion Ratio Lower Upper

164 100

162 100.1 80.5 120.7

160 44.3 36.9 55.3

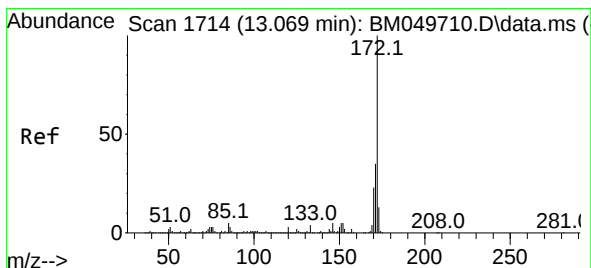
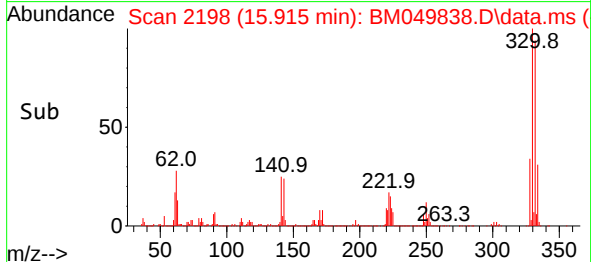
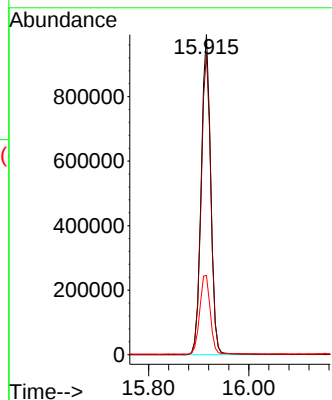
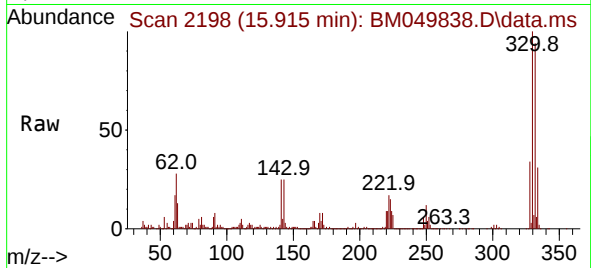




#42
2,4,6-Tribromophenol
Concen: 137.522 ng
RT: 15.915 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM049838.D
Acq: 07 Apr 2025 14:04

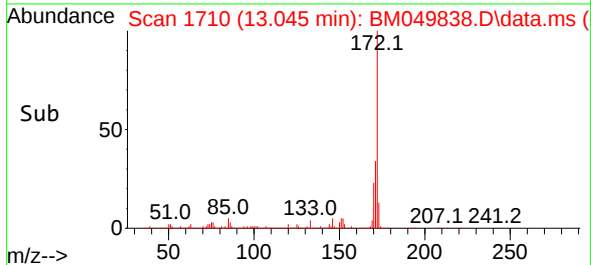
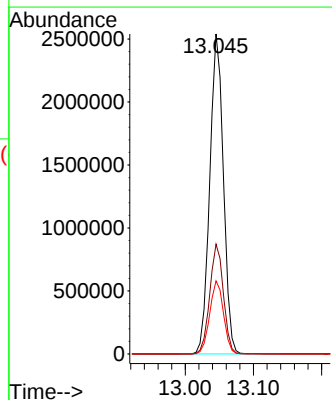
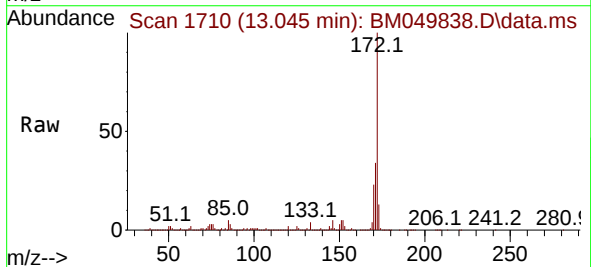
Instrument :
BNA_M
ClientSampleId :
K1P

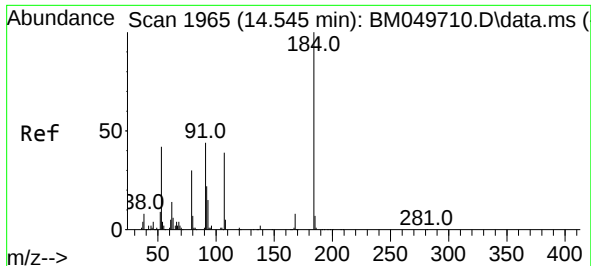
Tgt Ion:330 Resp: 1303619
Ion Ratio Lower Upper
330 100
332 95.8 77.0 115.4
141 27.0 27.8 41.6#



#45
2-Fluorobiphenyl
Concen: 54.581 ng
RT: 13.045 min Scan# 1710
Delta R.T. -0.024 min
Lab File: BM049838.D
Acq: 07 Apr 2025 14:04

Tgt Ion:172 Resp: 3537935
Ion Ratio Lower Upper
172 100
171 34.3 27.9 41.9
170 22.8 18.6 28.0

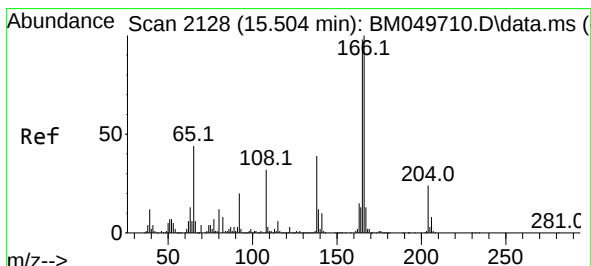
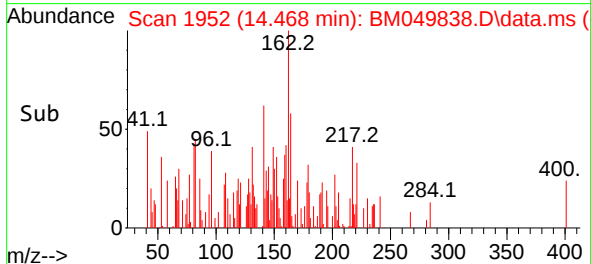
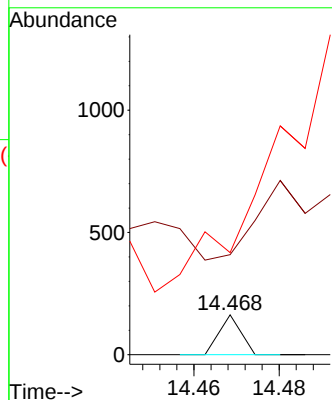
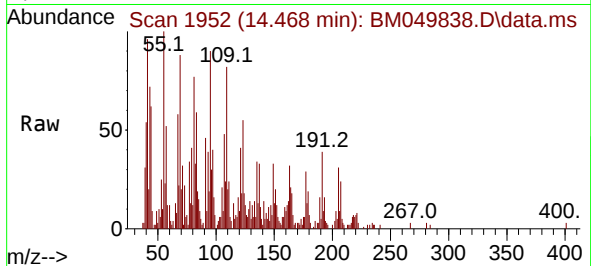




#54
2,4-Dinitrophenol
Concen: 3.198 ng
RT: 14.468 min Scan# 1965
Delta R.T. -0.077 min
Lab File: BM049838.D
Acq: 07 Apr 2025 14:04

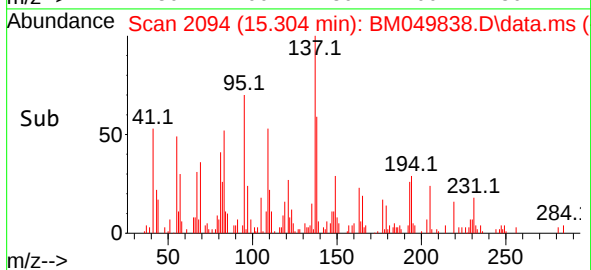
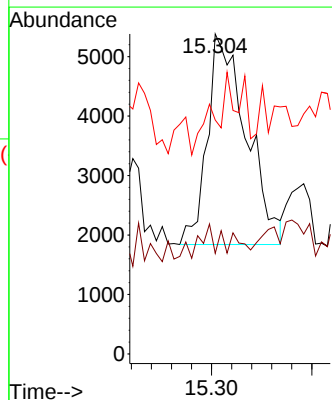
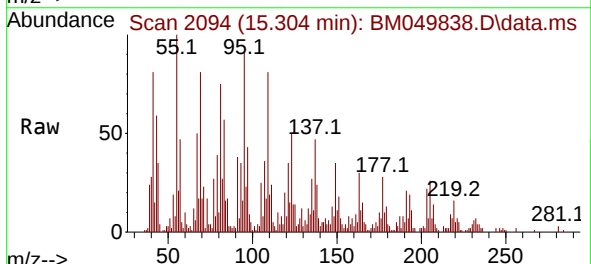
Instrument :
BNA_M
ClientSampleId :
K1P

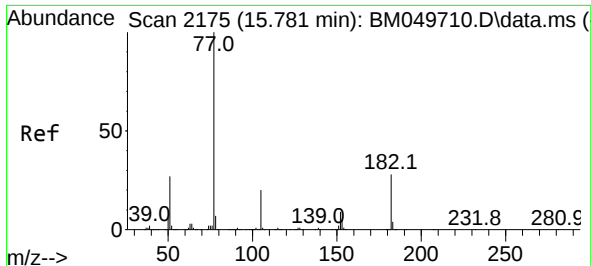
Tgt Ion:184 Resp: 57
Ion Ratio Lower Upper
184 100
63 250.9 47.2 70.8#
154 256.4 49.9 74.9#



#62
4-Nitroaniline
Concen: 4.451 ng
RT: 15.304 min Scan# 2094
Delta R.T. -0.200 min
Lab File: BM049838.D
Acq: 07 Apr 2025 14:04

Tgt Ion:138 Resp: 9539
Ion Ratio Lower Upper
138 100
92 31.4 29.8 69.8
108 73.1 61.3 101.3

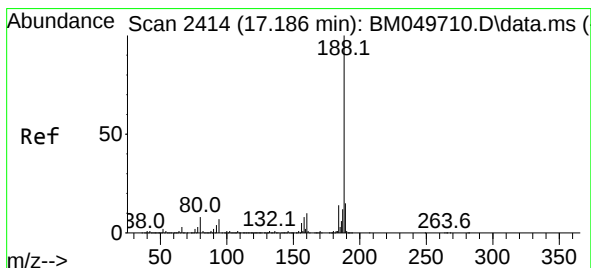
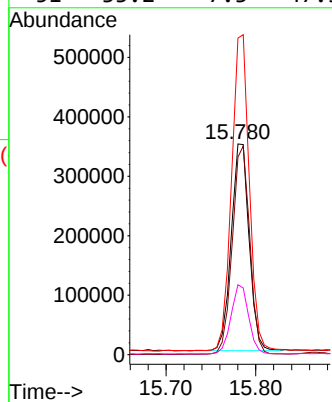
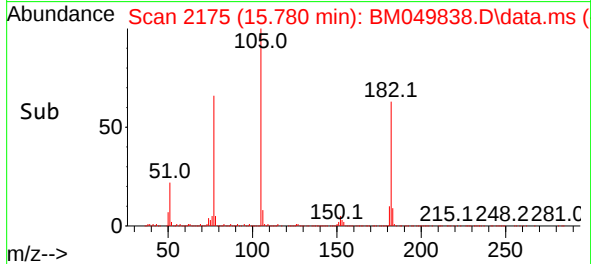
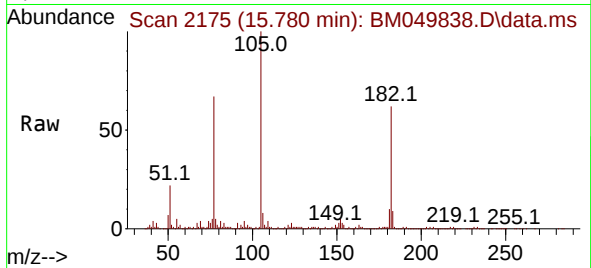




#63
Azobenzene
Concen: 9.569 ng
RT: 15.780 min Scan# 2175
Delta R.T. -0.000 min
Lab File: BM049838.D
Acq: 07 Apr 2025 14:04

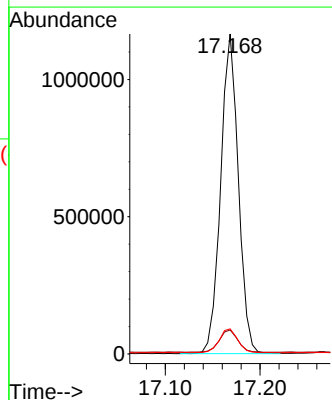
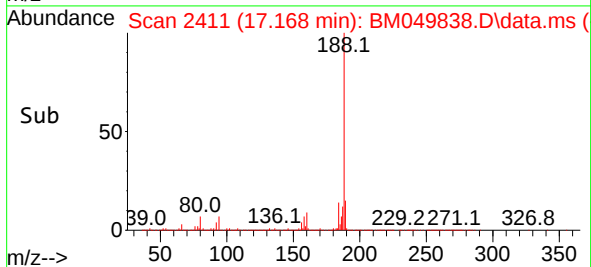
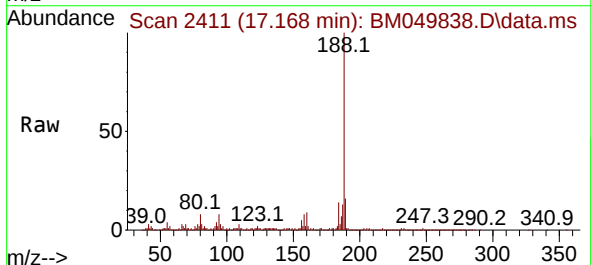
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ClientSampleId :
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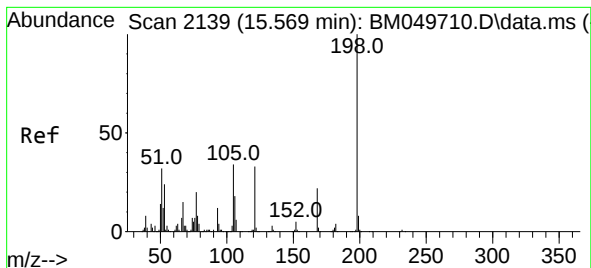
Tgt Ion: 77 Resp: 481156
Ion Ratio Lower Upper
77 100
182 93.8 8.0 48.0#
105 150.3 0.0 40.0#
51 33.2 7.3 47.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.168 min Scan# 2411
Delta R.T. -0.018 min
Lab File: BM049838.D
Acq: 07 Apr 2025 14:04

Tgt Ion:188 Resp: 1511487
Ion Ratio Lower Upper
188 100
94 7.5 5.8 8.6
80 7.8 6.3 9.5

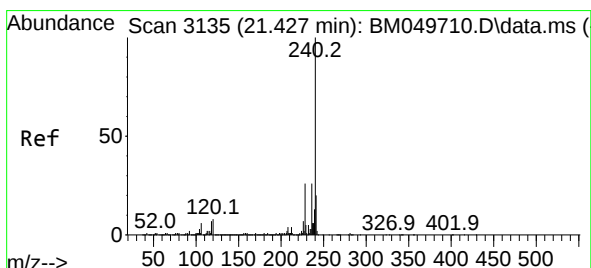
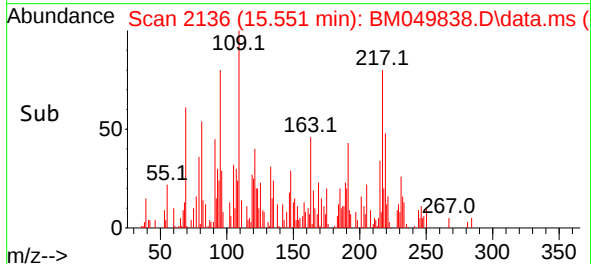
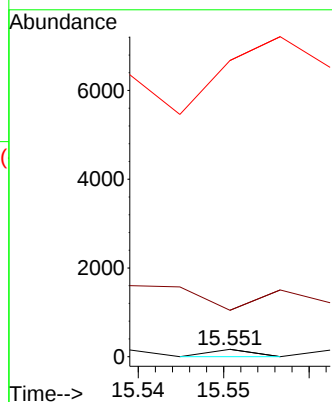
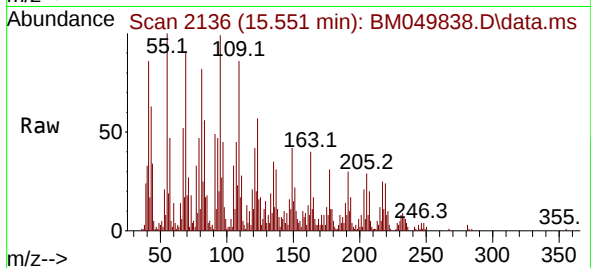




#65
4,6-Dinitro-2-methylphenol
Concen: 3.023 ng
RT: 15.551 min Scan# 2136
Delta R.T. -0.018 min
Lab File: BM049838.D
Acq: 07 Apr 2025 14:04

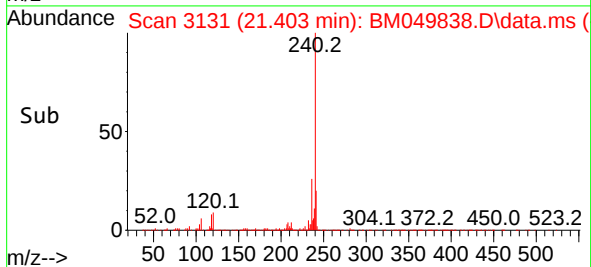
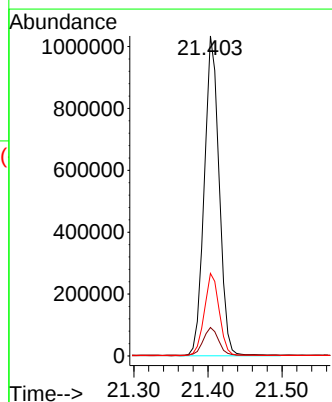
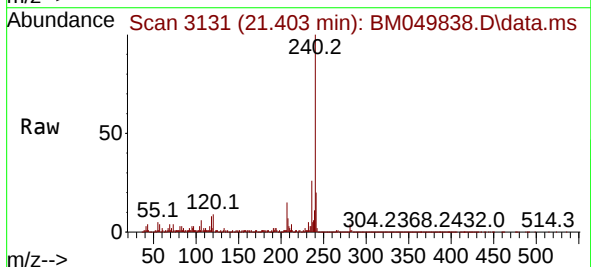
Instrument :
BNA_M
ClientSampleId :
K1P

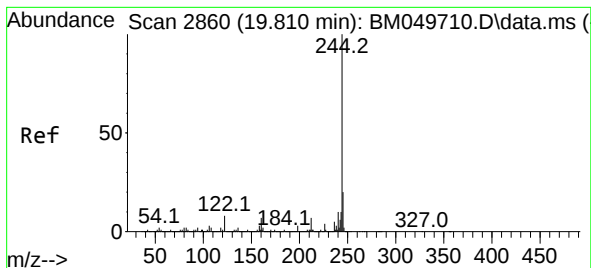
Tgt Ion:198 Resp: 58
Ion Ratio Lower Upper
198 100
51 635.2 13.8 53.8#
105 4046.7 14.0 54.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.403 min Scan# 3131
Delta R.T. -0.024 min
Lab File: BM049838.D
Acq: 07 Apr 2025 14:04

Tgt Ion:240 Resp: 1443653
Ion Ratio Lower Upper
240 100
120 8.9 6.5 9.7
236 25.8 20.7 31.1





#79

Terphenyl-d14

Concen: 57.225 ng

RT: 19.798 min Scan# 2

Delta R.T. -0.012 min

Lab File: BM049838.D

Acq: 07 Apr 2025 14:04

Instrument :

BNA_M

ClientSampleId :

K1P

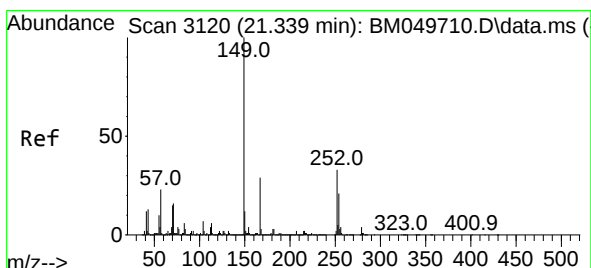
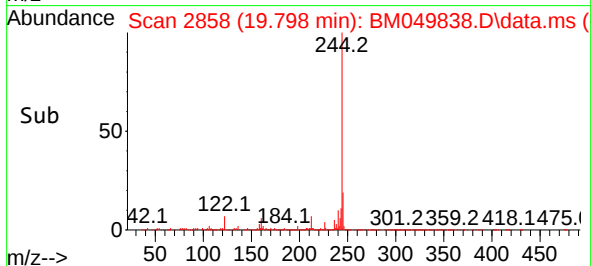
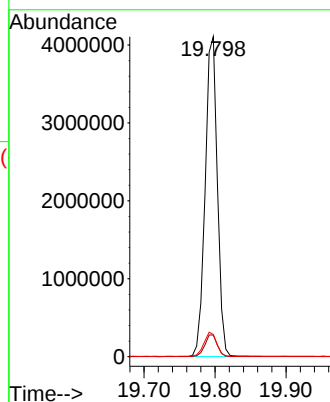
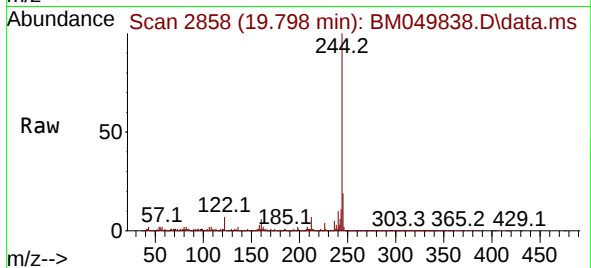
Tgt Ion:244 Resp: 4902521

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.6

122 6.9 6.0 9.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 12.524 ng

RT: 21.315 min Scan# 3116

Delta R.T. -0.024 min

Lab File: BM049838.D

Acq: 07 Apr 2025 14:04

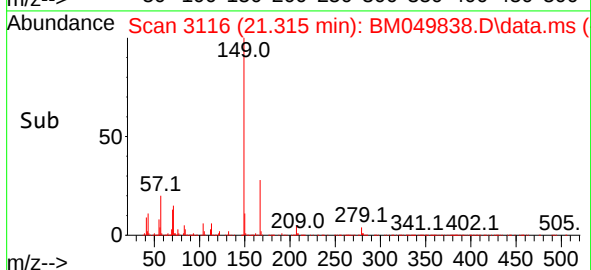
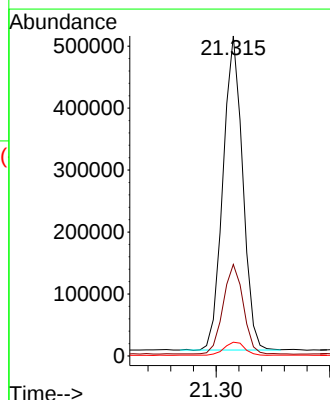
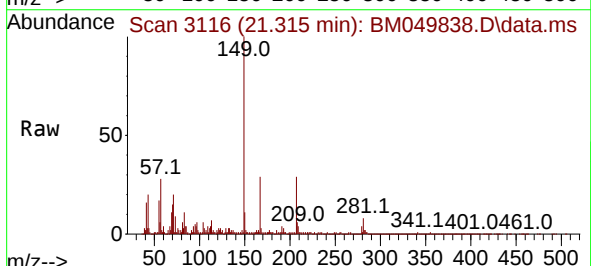
Tgt Ion:149 Resp: 610951

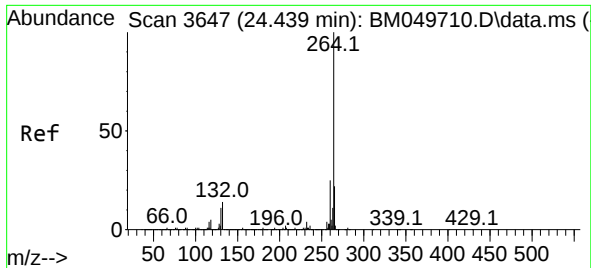
Ion Ratio Lower Upper

149 100

167 28.6 22.9 34.3

279 4.3 3.5 5.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.409 min Scan# 30
 Delta R.T. -0.030 min
 Lab File: BM049838.D
 Acq: 07 Apr 2025 14:04

Instrument :
 BNA_M
 ClientSampleId :
 K1P

Tgt Ion:264 Resp: 1643723
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.6 29.4
 265 22.3 18.2 27.2

