

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040725\
 Data File : BM049836.D
 Acq On : 07 Apr 2025 12:45
 Operator : RC/JU
 Sample : Q1675-21
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 K3

Quant Time: Apr 07 13:29:02 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)

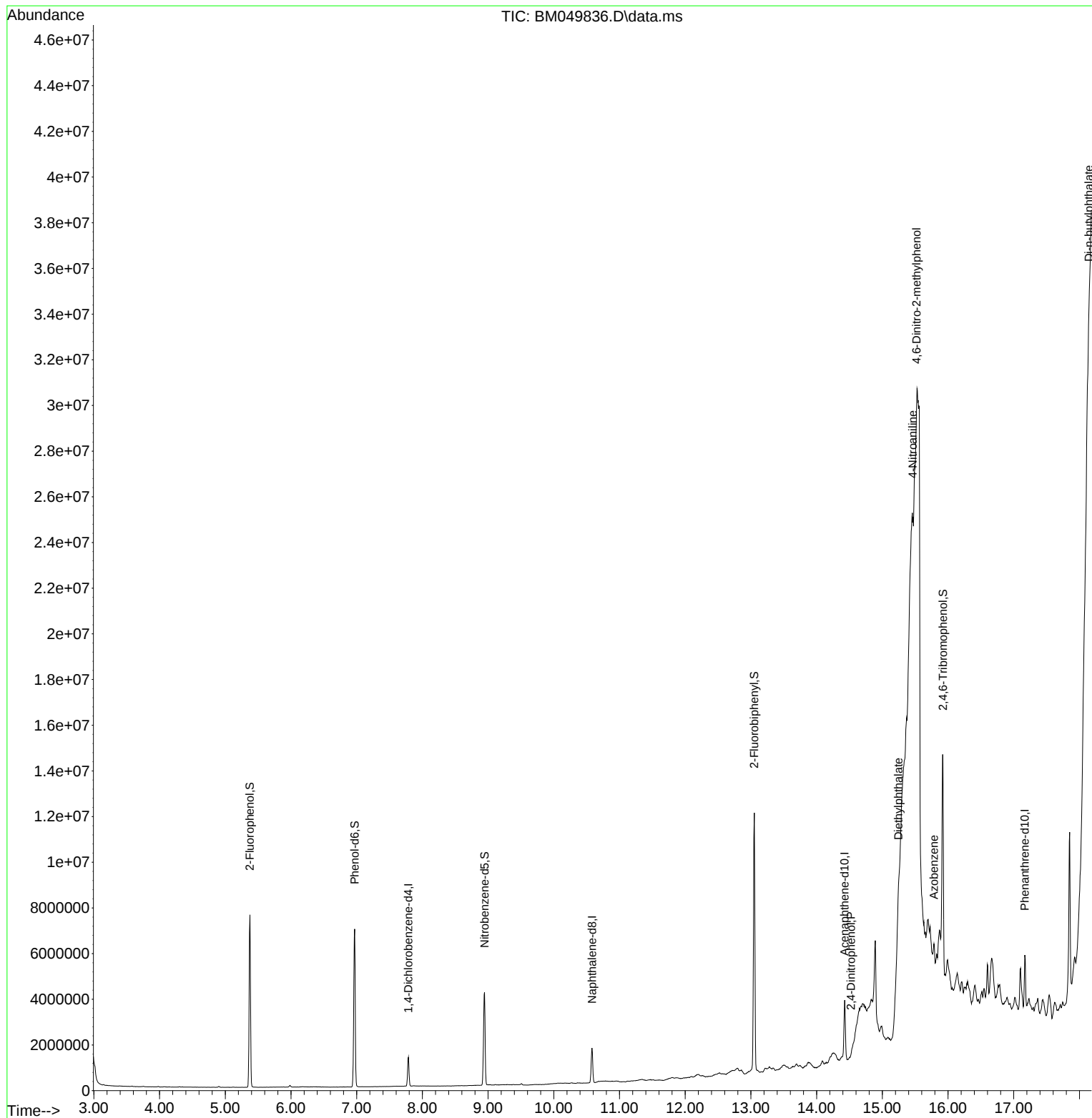
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	363599	20.000	ng	-0.02
21) Naphthalene-d8	10.581	136	1272904	20.000	ng	-0.02
39) Acenaphthene-d10	14.427	164	788938	20.000	ng	-0.02
64) Phenanthrene-d10	17.168	188	1589873	20.000	ng	-0.02
76) Chrysene-d12	21.409	240	1823026	20.000	ng	-0.02
86) Perylene-d12	24.415	264	1861603	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	3364924	156.153	ng	-0.01
7) Phenol-d6	6.969	99	4105952	151.832	ng	-0.01
23) Nitrobenzene-d5	8.945	82	2393867	96.555	ng	-0.02
42) 2,4,6-Tribromophenol	15.922	330	2402066	260.742	ng	-0.01
45) 2-Fluorobiphenyl	13.051	172	6079965	96.515	ng	-0.02
79) Terphenyl-d14	19.804	244	9616381	88.889	ng	0.00
Target Compounds						
						Qvalue
54) 2,4-Dinitrophenol	14.522	184	150	3.219	ng	# 1
60) Diethylphthalate	15.245	149	540955	10.574	ng	95
62) 4-Nitroaniline	15.463	138	27895	5.844	ng	# 63
63) Azobenzene	15.786	77	175160	3.585	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.522	198	694	3.110	ng	# 1
74) Di-n-butylphthalate	18.145	149	447257	5.270	ng	# 96
84) Bis(2-ethylhexyl)phtha...	21.321	149	202063	3.280	ng	98

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

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ALS Vial : 5 Sample Multiplier: 1

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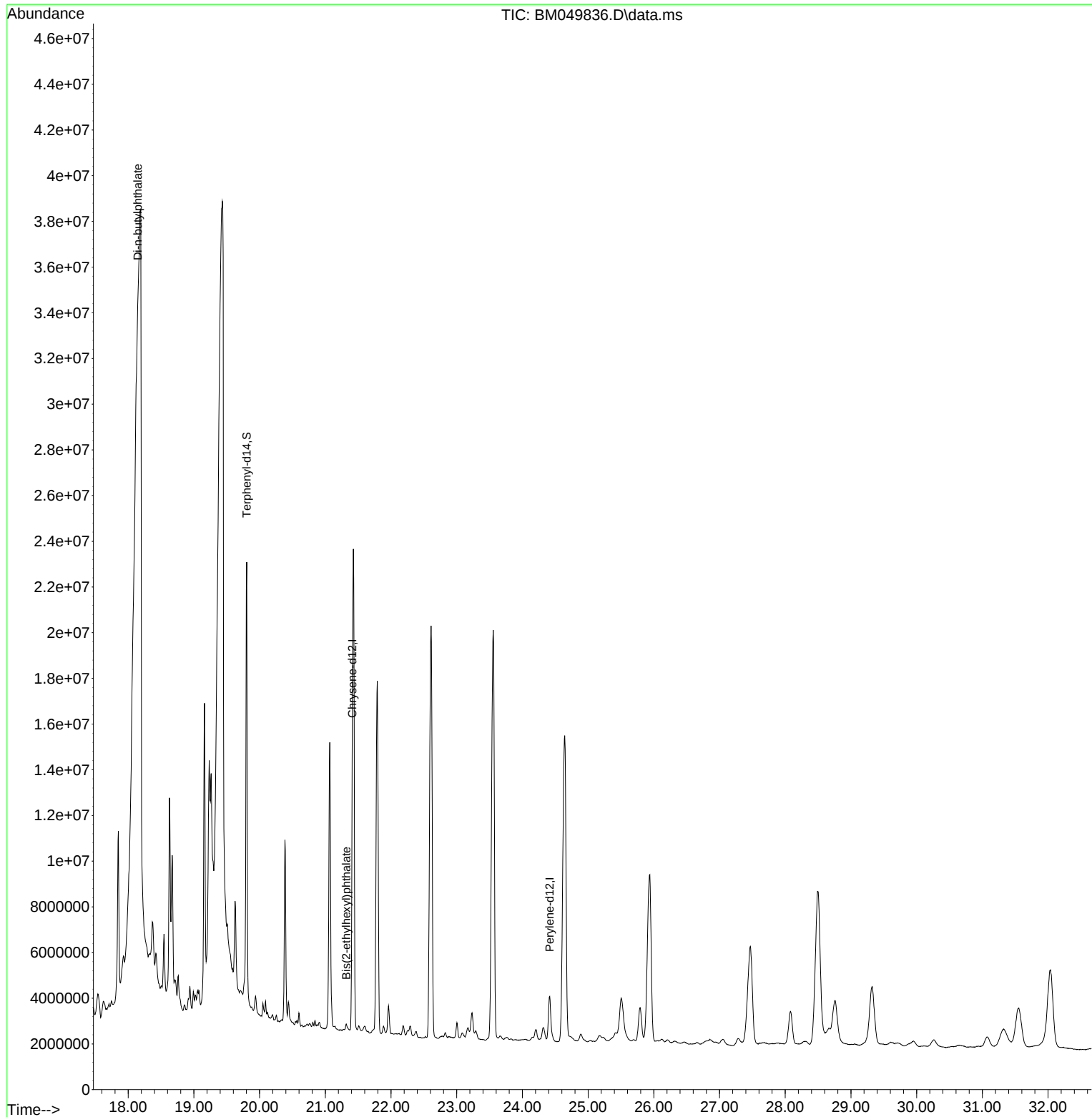
Quant Time: Apr 07 13:29:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 14:55:34 2025
Response via : Initial Calibration

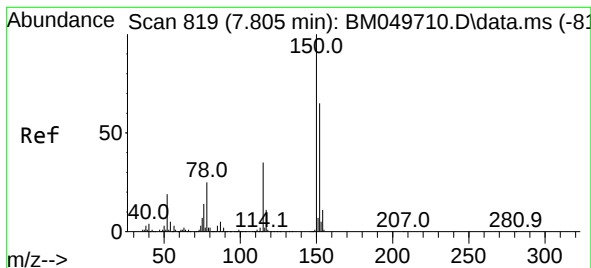


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040725\
Data File : BM049836.D
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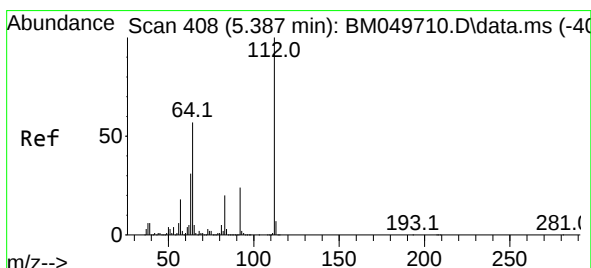
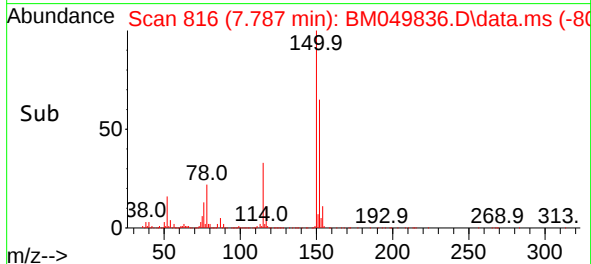
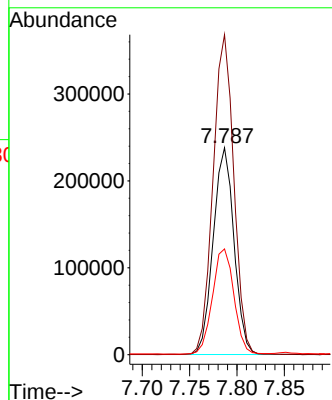
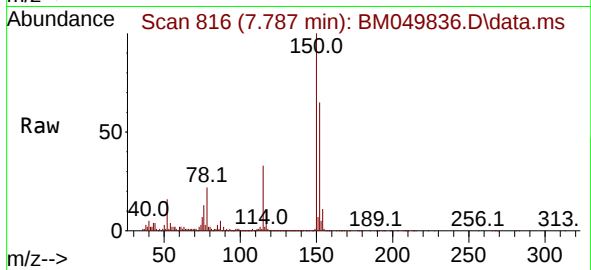




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 819
Delta R.T. -0.018 min
Lab File: BM049836.D
Acq: 07 Apr 2025 12:45

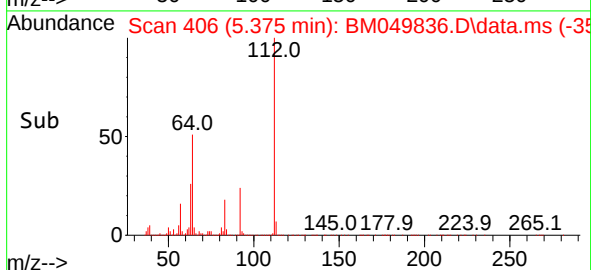
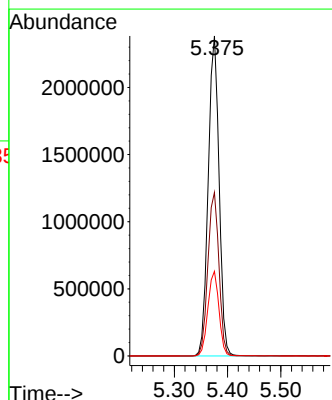
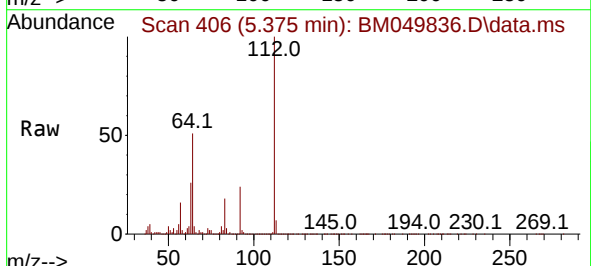
Instrument :
BNA_M
ClientSampleId :
K3

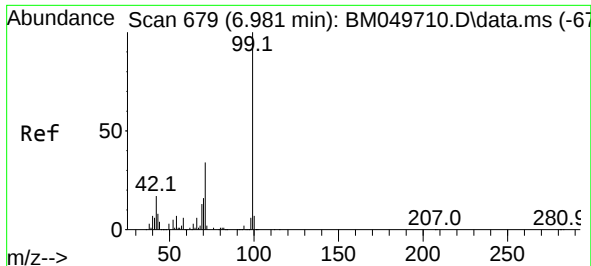
Tgt Ion:152 Resp: 363599
Ion Ratio Lower Upper
152 100
150 154.7 123.8 185.8
115 51.1 43.0 64.6



#5
2-Fluorophenol
Concen: 156.153 ng
RT: 5.375 min Scan# 406
Delta R.T. -0.012 min
Lab File: BM049836.D
Acq: 07 Apr 2025 12:45

Tgt Ion:112 Resp: 3364924
Ion Ratio Lower Upper
112 100
64 51.1 45.3 67.9
63 26.5 24.4 36.6



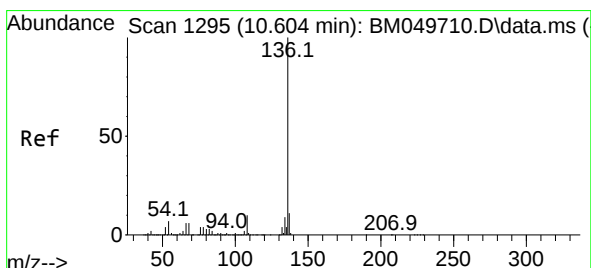
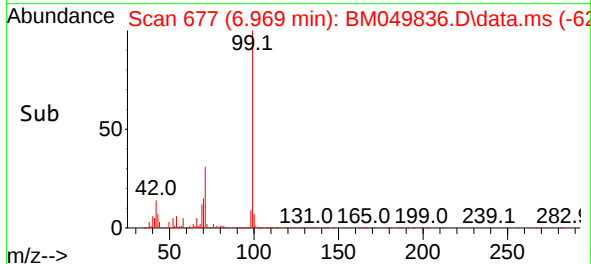
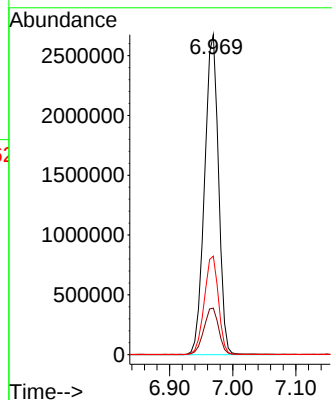
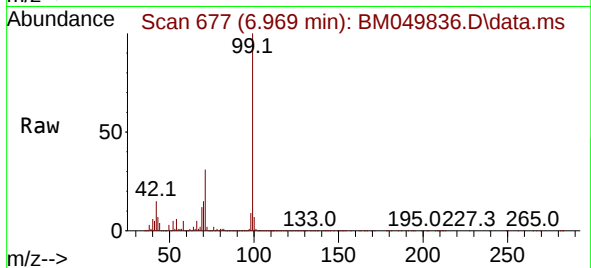


#7
Phenol-d6
Concen: 151.832 ng
RT: 6.969 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM049836.D
Acq: 07 Apr 2025 12:45

Instrument :
BNA_M
ClientSampleId :
K3

Tgt Ion: 99 Resp: 4105952

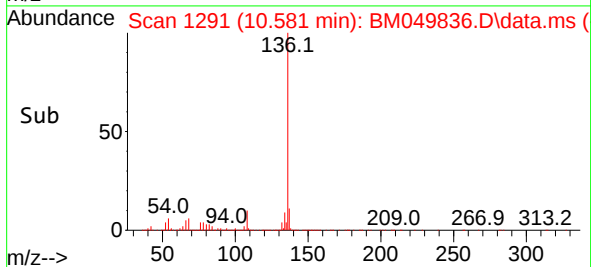
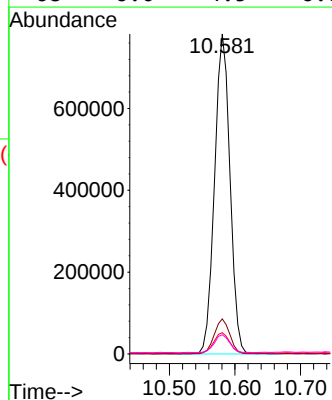
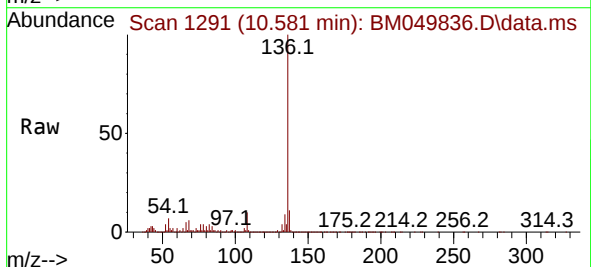
Ion	Ratio	Lower	Upper
99	100		
42	14.5	13.6	20.4
71	30.8	27.0	40.6

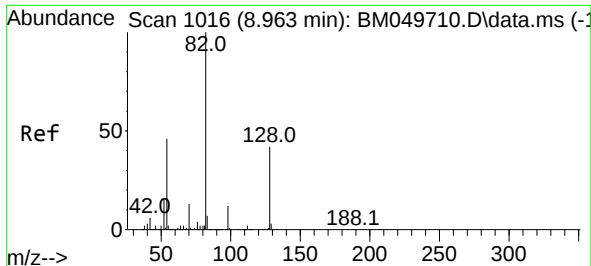


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 1291
Delta R.T. -0.024 min
Lab File: BM049836.D
Acq: 07 Apr 2025 12:45

Tgt Ion: 136 Resp: 1272904

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	6.7	5.8	8.8
68	6.0	4.5	6.7

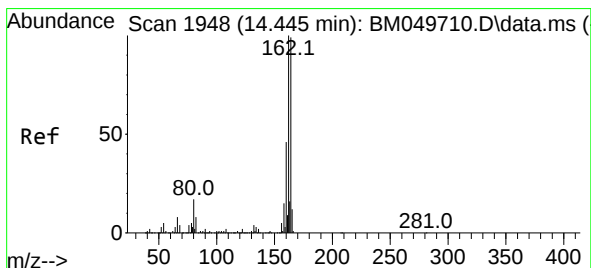
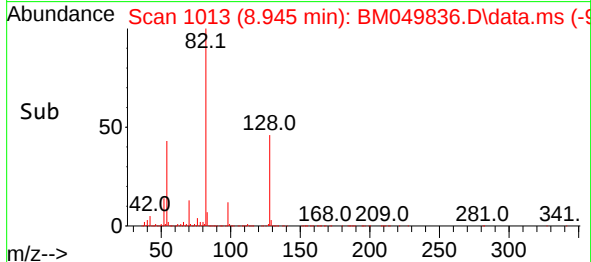
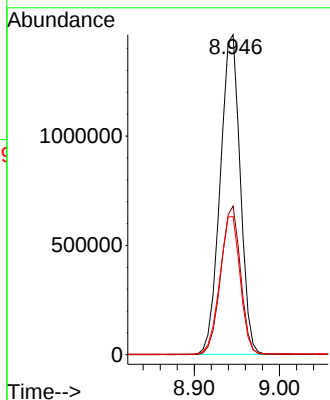
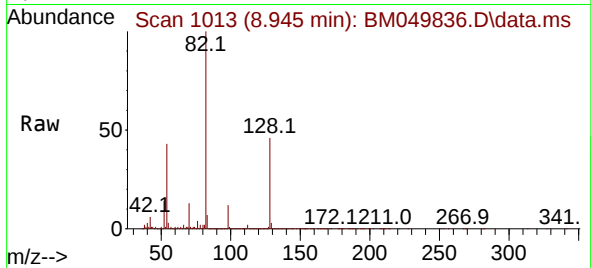




#23
Nitrobenzene-d5
Concen: 96.555 ng
RT: 8.945 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BM049836.D
Acq: 07 Apr 2025 12:45

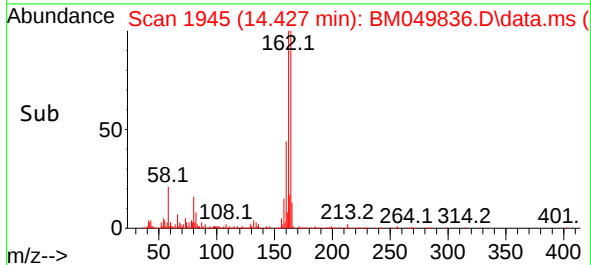
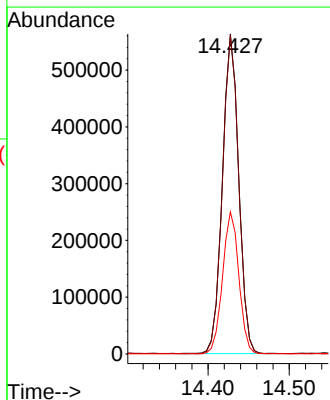
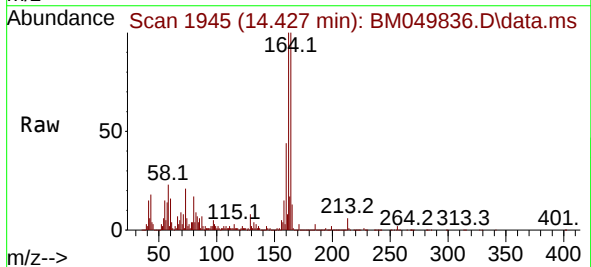
Instrument :
BNA_M
ClientSampleId :
K3

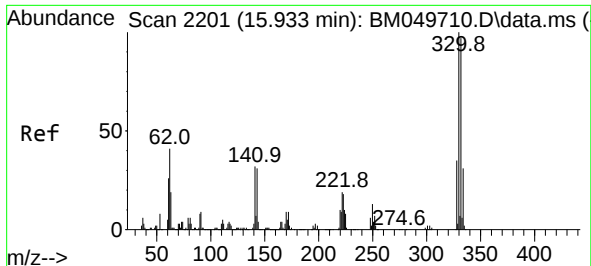
Tgt Ion: 82 Resp: 2393867
Ion Ratio Lower Upper
82 100
128 46.4 33.4 50.0
54 43.2 36.4 54.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.427 min Scan# 1945
Delta R.T. -0.018 min
Lab File: BM049836.D
Acq: 07 Apr 2025 12:45

Tgt Ion: 164 Resp: 788938
Ion Ratio Lower Upper
164 100
162 99.5 80.5 120.7
160 44.4 36.9 55.3

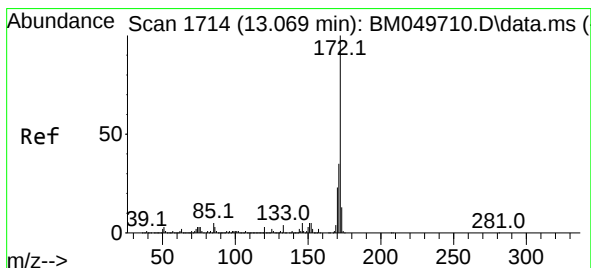
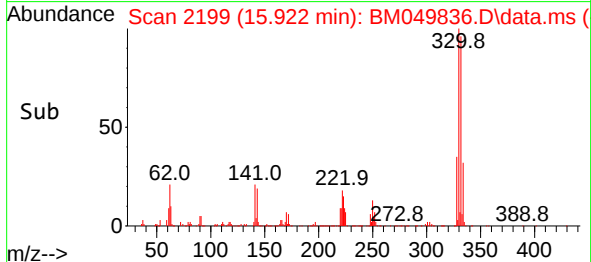
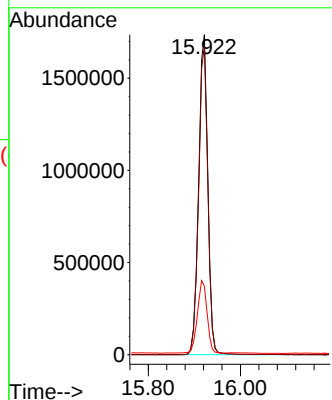
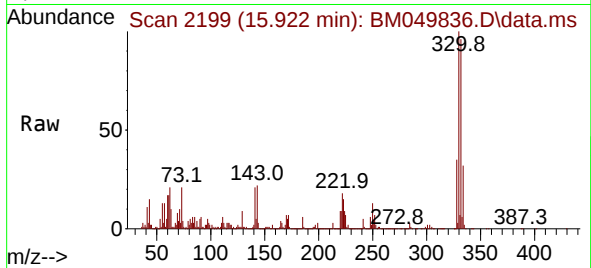




#42
2,4,6-Tribromophenol
Concen: 260.742 ng
RT: 15.922 min Scan# 21199
Delta R.T. -0.011 min
Lab File: BM049836.D
Acq: 07 Apr 2025 12:45

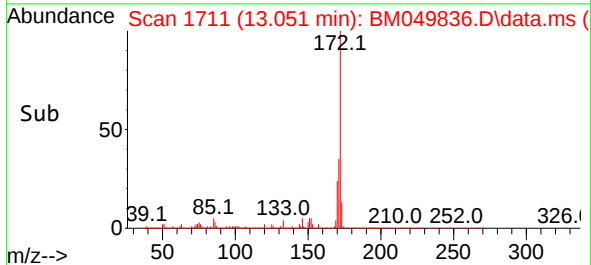
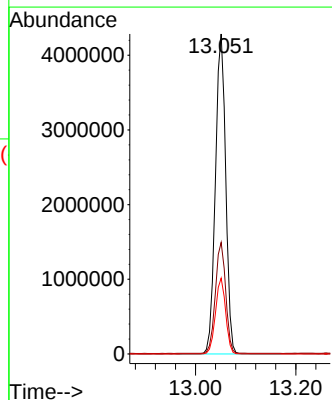
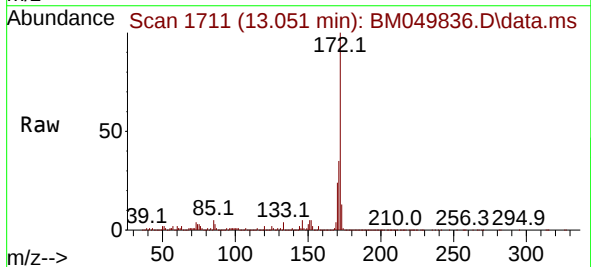
Instrument :
BNA_M
ClientSampleId :
K3

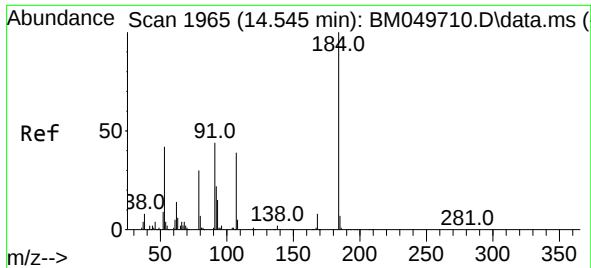
Tgt Ion:330 Resp: 2402066
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.4
141 23.5 27.8 41.6#



#45
2-Fluorobiphenyl
Concen: 96.515 ng
RT: 13.051 min Scan# 1711
Delta R.T. -0.018 min
Lab File: BM049836.D
Acq: 07 Apr 2025 12:45

Tgt Ion:172 Resp: 6079965
Ion Ratio Lower Upper
172 100
171 34.8 27.9 41.9
170 23.7 18.6 28.0

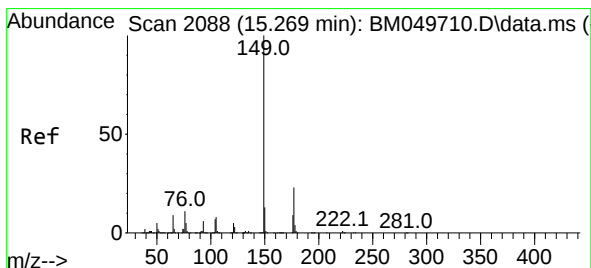
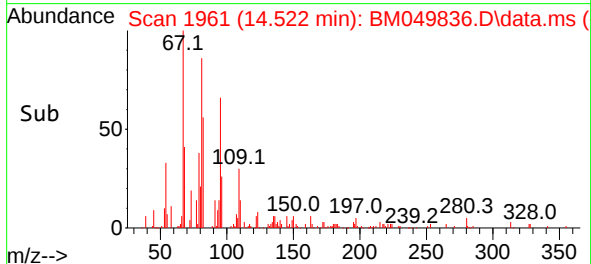
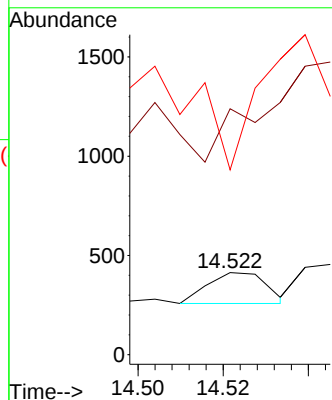
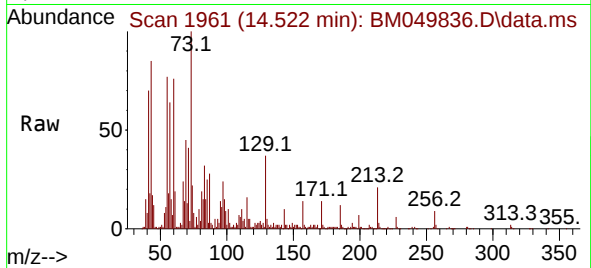




#54
2,4-Dinitrophenol
Concen: 3.219 ng
RT: 14.522 min Scan# 1961
Delta R.T. -0.023 min
Lab File: BM049836.D
Acq: 07 Apr 2025 12:45

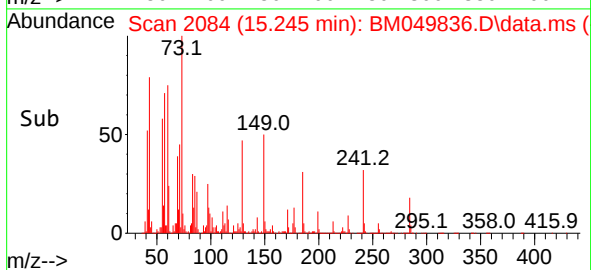
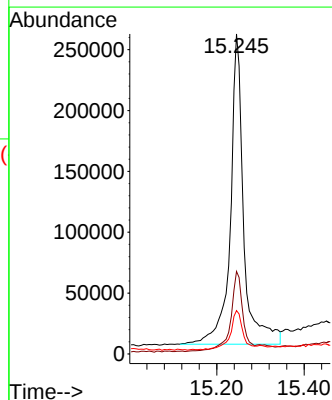
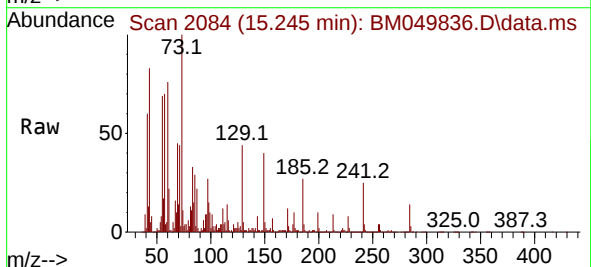
Instrument :
BNA_M
ClientSampleId :
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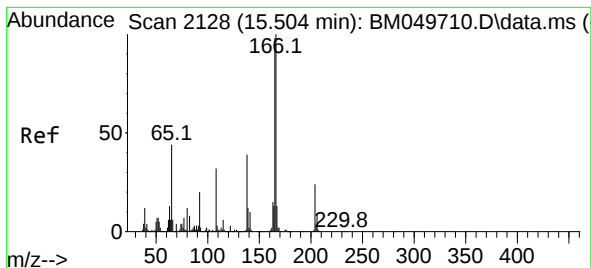
Tgt Ion:184 Resp: 150
Ion Ratio Lower Upper
184 100
63 299.3 47.2 70.8#
154 224.9 49.9 74.9#



#60
Diethylphthalate
Concen: 10.574 ng
RT: 15.245 min Scan# 2084
Delta R.T. -0.024 min
Lab File: BM049836.D
Acq: 07 Apr 2025 12:45

Tgt Ion:149 Resp: 540955
Ion Ratio Lower Upper
149 100
177 25.8 18.2 27.2
150 13.6 10.0 15.0





#62

4-Nitroaniline

Concen: 5.844 ng

RT: 15.463 min Scan# 2121

Delta R.T. -0.041 min

Lab File: BM049836.D

Acq: 07 Apr 2025 12:45

Instrument :

BNA_M

ClientSampleId :

K3

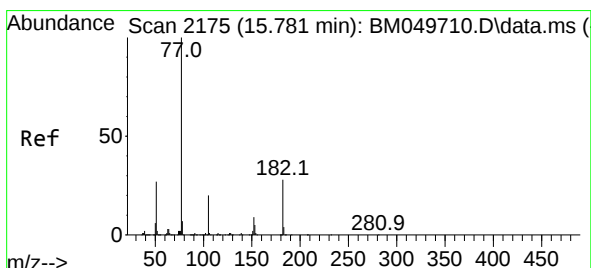
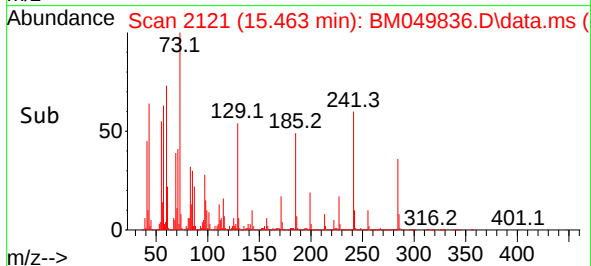
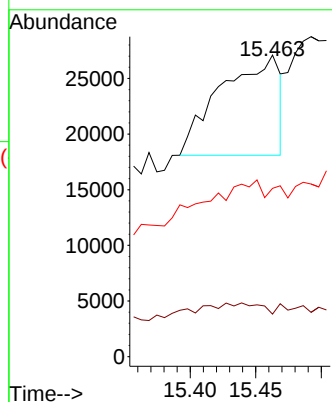
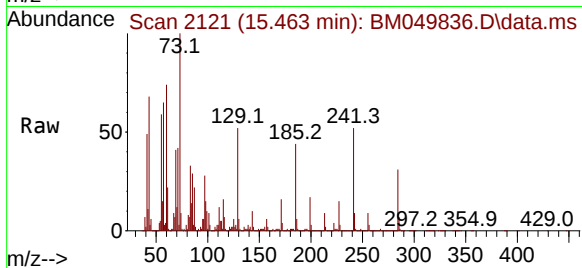
Tgt Ion:138 Resp: 27895

Ion Ratio Lower Upper

138 100

92 14.1 29.8 69.8#

108 55.8 61.3 101.3#



#63

Azobenzene

Concen: 3.585 ng

RT: 15.786 min Scan# 2176

Delta R.T. 0.006 min

Lab File: BM049836.D

Acq: 07 Apr 2025 12:45

Tgt Ion: 77 Resp: 175160

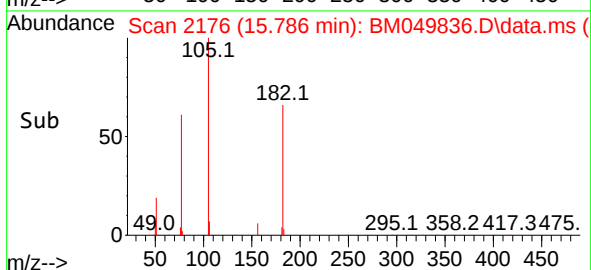
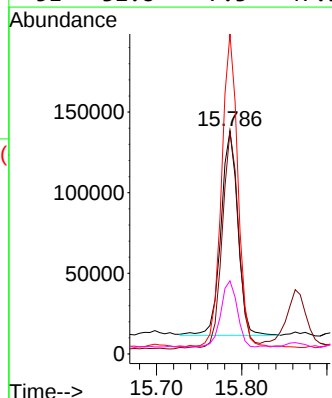
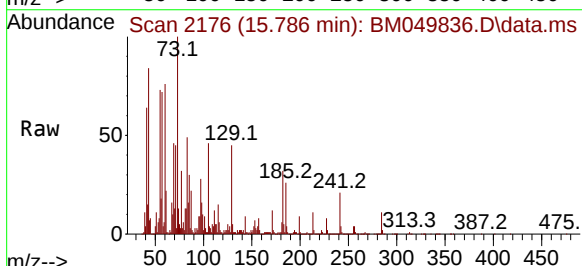
Ion Ratio Lower Upper

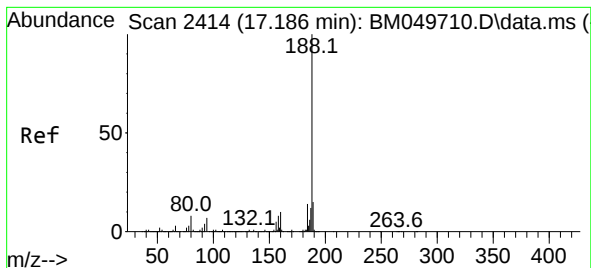
77 100

182 100.0 8.0 48.0#

105 143.7 0.0 40.0#

51 32.8 7.3 47.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.168 min Scan# 2414

Delta R.T. -0.018 min

Lab File: BM049836.D

Acq: 07 Apr 2025 12:45

Instrument :

BNA_M

ClientSampleId :

K3

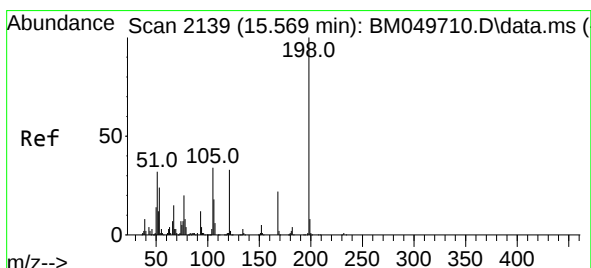
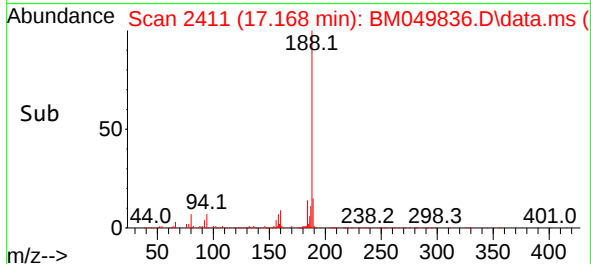
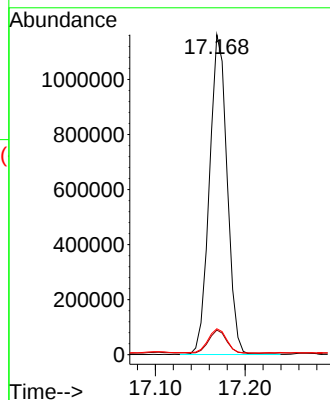
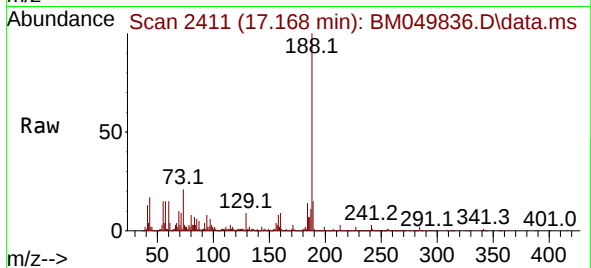
Tgt Ion:188 Resp: 1589873

Ion Ratio Lower Upper

188 100

94 7.7 5.8 8.6

80 8.1 6.3 9.5



#65

4,6-Dinitro-2-methylphenol

Concen: 3.110 ng

RT: 15.522 min Scan# 2131

Delta R.T. -0.047 min

Lab File: BM049836.D

Acq: 07 Apr 2025 12:45

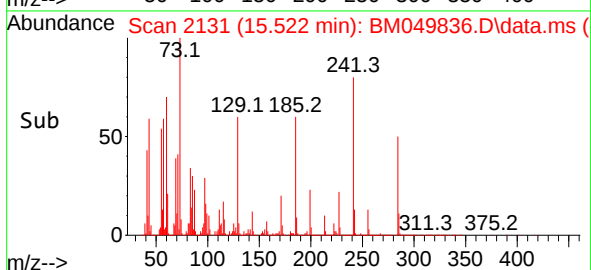
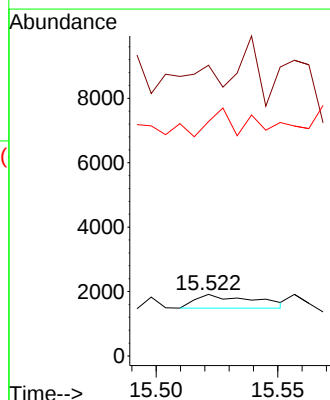
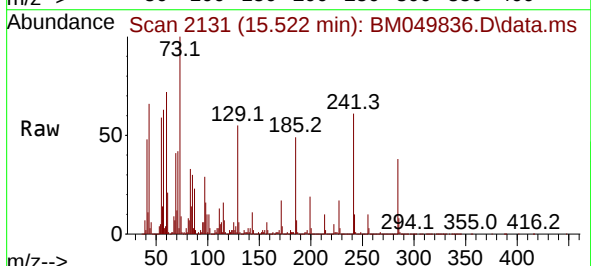
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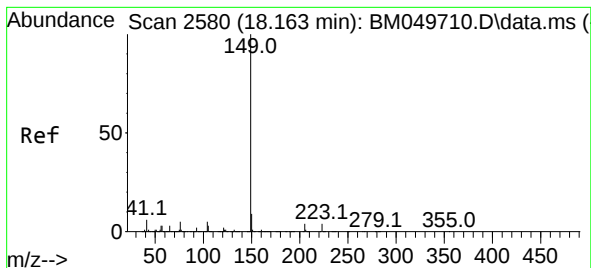
Ion Ratio Lower Upper

198 100

51 472.0 13.8 53.8#

105 380.6 14.0 54.0#





#74

Di-n-butylphthalate

Concen: 5.270 ng

RT: 18.145 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM049836.D

Acq: 07 Apr 2025 12:45

Instrument :

BNA_M

ClientSampleId :

K3

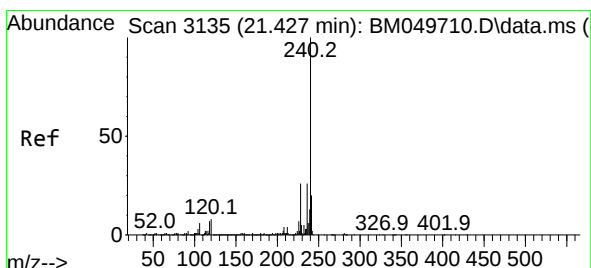
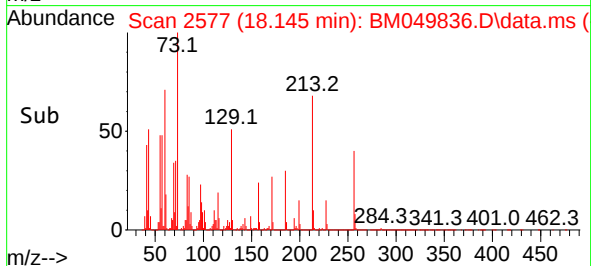
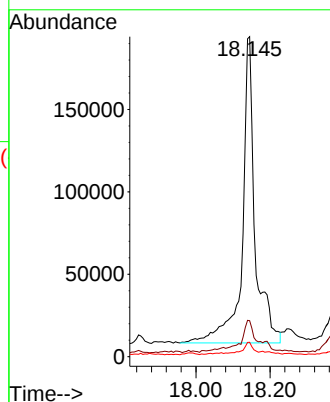
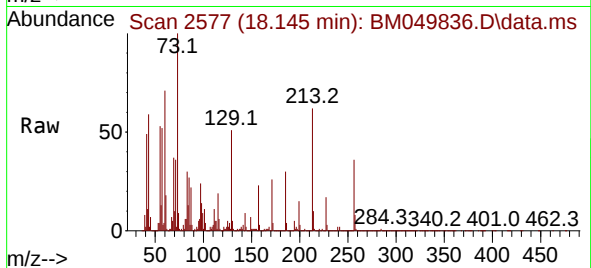
Tgt Ion:149 Resp: 447257

Ion Ratio Lower Upper

149 100

150 11.3 7.2 10.8#

104 4.5 3.9 5.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.409 min Scan# 3132

Delta R.T. -0.018 min

Lab File: BM049836.D

Acq: 07 Apr 2025 12:45

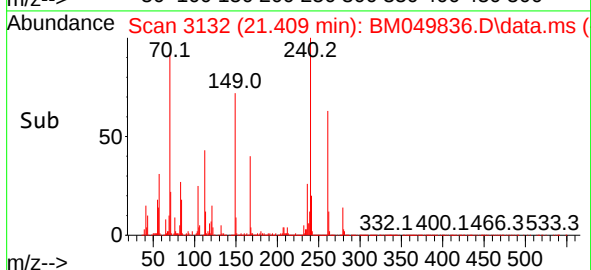
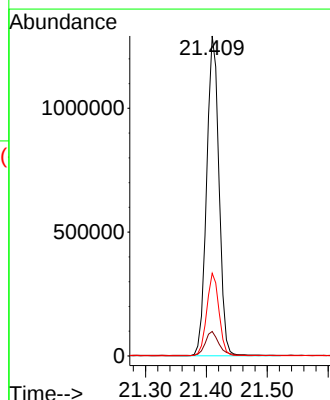
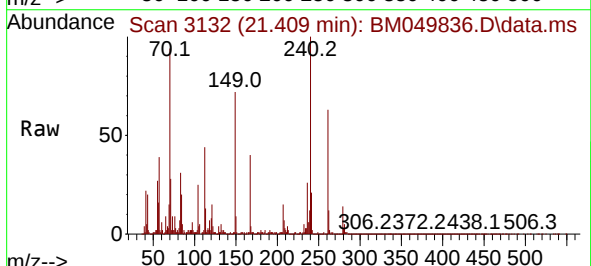
Tgt Ion:240 Resp: 1823026

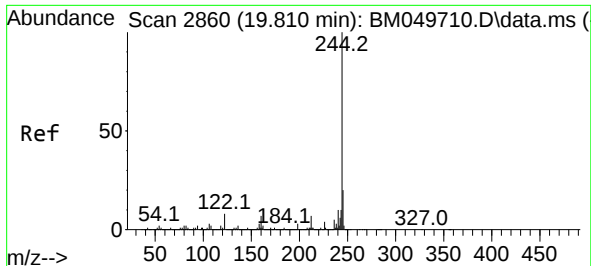
Ion Ratio Lower Upper

240 100

120 7.6 6.5 9.7

236 25.8 20.7 31.1

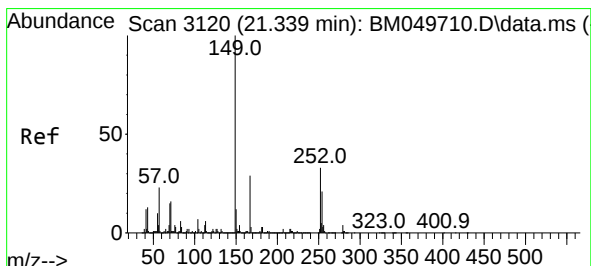
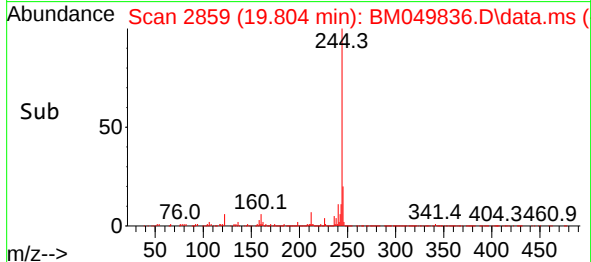
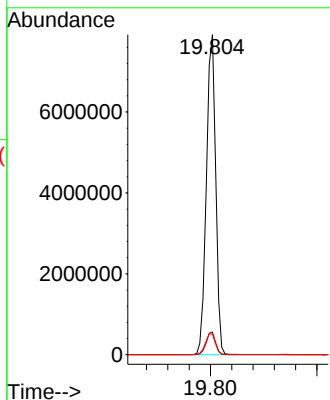
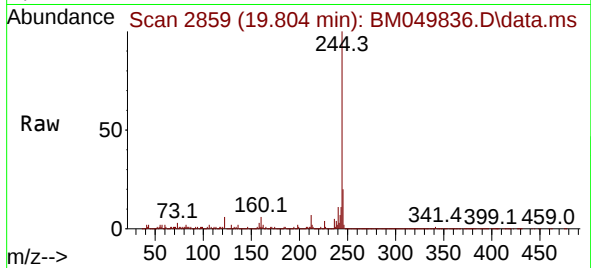




#79
 Terphenyl-d14
 Concen: 88.889 ng
 RT: 19.804 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM049836.D
 Acq: 07 Apr 2025 12:45

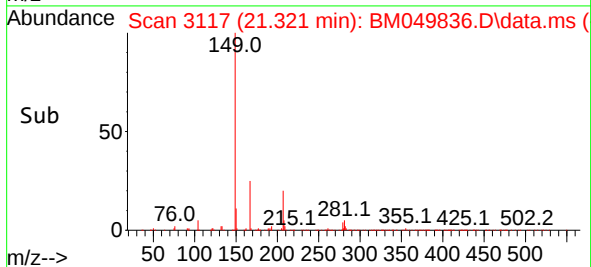
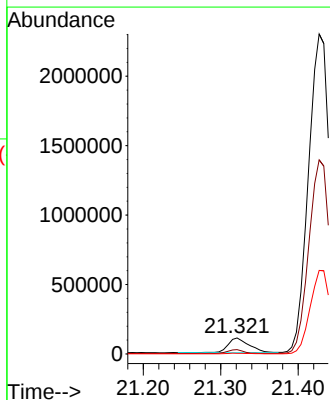
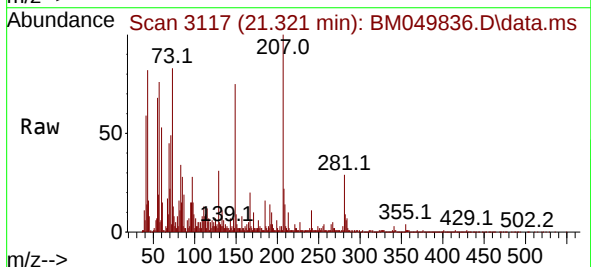
Instrument :
 BNA_M
 ClientSampleId :
 K3

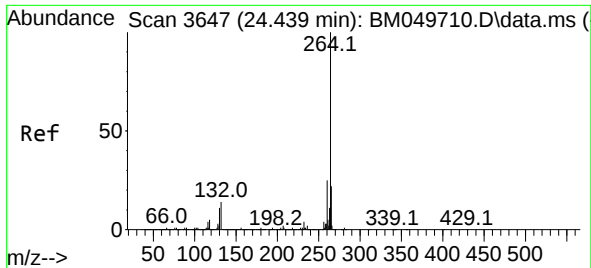
Tgt Ion:244 Resp: 9616381
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 6.5 6.0 9.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.280 ng
 RT: 21.321 min Scan# 3117
 Delta R.T. -0.018 min
 Lab File: BM049836.D
 Acq: 07 Apr 2025 12:45

Tgt Ion:149 Resp: 202063
 Ion Ratio Lower Upper
 149 100
 167 27.3 22.9 34.3
 279 4.5 3.5 5.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.415 min Scan# 30
 Delta R.T. -0.024 min
 Lab File: BM049836.D
 Acq: 07 Apr 2025 12:45

Instrument :
 BNA_M
 ClientSampleId :
 K3

Tgt Ion:264 Resp: 1861603

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.6	29.4
265	22.0	18.2	27.2

