

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040725\
 Data File : BM049837.D
 Acq On : 07 Apr 2025 13:24
 Operator : RC/JU
 Sample : Q1675-20
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 K2

Quant Time: Apr 07 14:11:59 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)

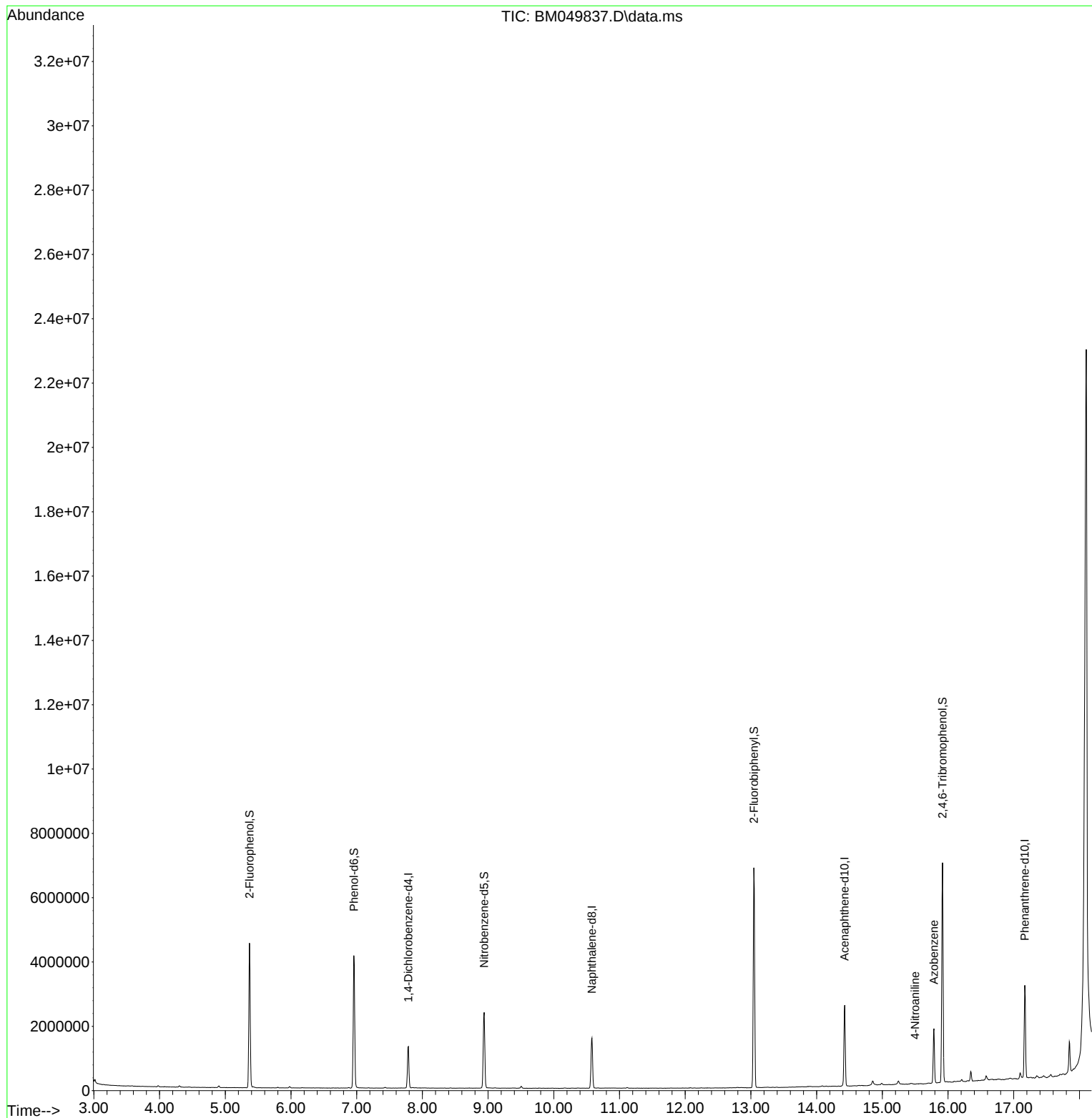
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.786	152	388663	20.000	ng	-0.02
21) Naphthalene-d8	10.580	136	1349629	20.000	ng	-0.02
39) Acenaphthene-d10	14.427	164	890473	20.000	ng	-0.02
64) Phenanthrene-d10	17.168	188	1740086	20.000	ng	-0.02
76) Chrysene-d12	21.403	240	1657124	20.000	ng	-0.02
86) Perylene-d12	24.409	264	1901763	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	2017653	87.594	ng	-0.02
7) Phenol-d6	6.957	99	2393051	82.785	ng	-0.02
23) Nitrobenzene-d5	8.939	82	1375296	52.318	ng	-0.02
42) 2,4,6-Tribromophenol	15.915	330	1406785	135.293	ng	-0.02
45) 2-Fluorobiphenyl	13.045	172	3685119	51.828	ng	-0.02
79) Terphenyl-d14	19.797	244	5518910	56.122	ng	-0.01
Target Compounds						
						Qvalue
62) 4-Nitroaniline	15.498	138	72	3.762	ng	# 63
63) Azobenzene	15.786	77	438052	7.942	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.315	149	153685	2.745	ng	98

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

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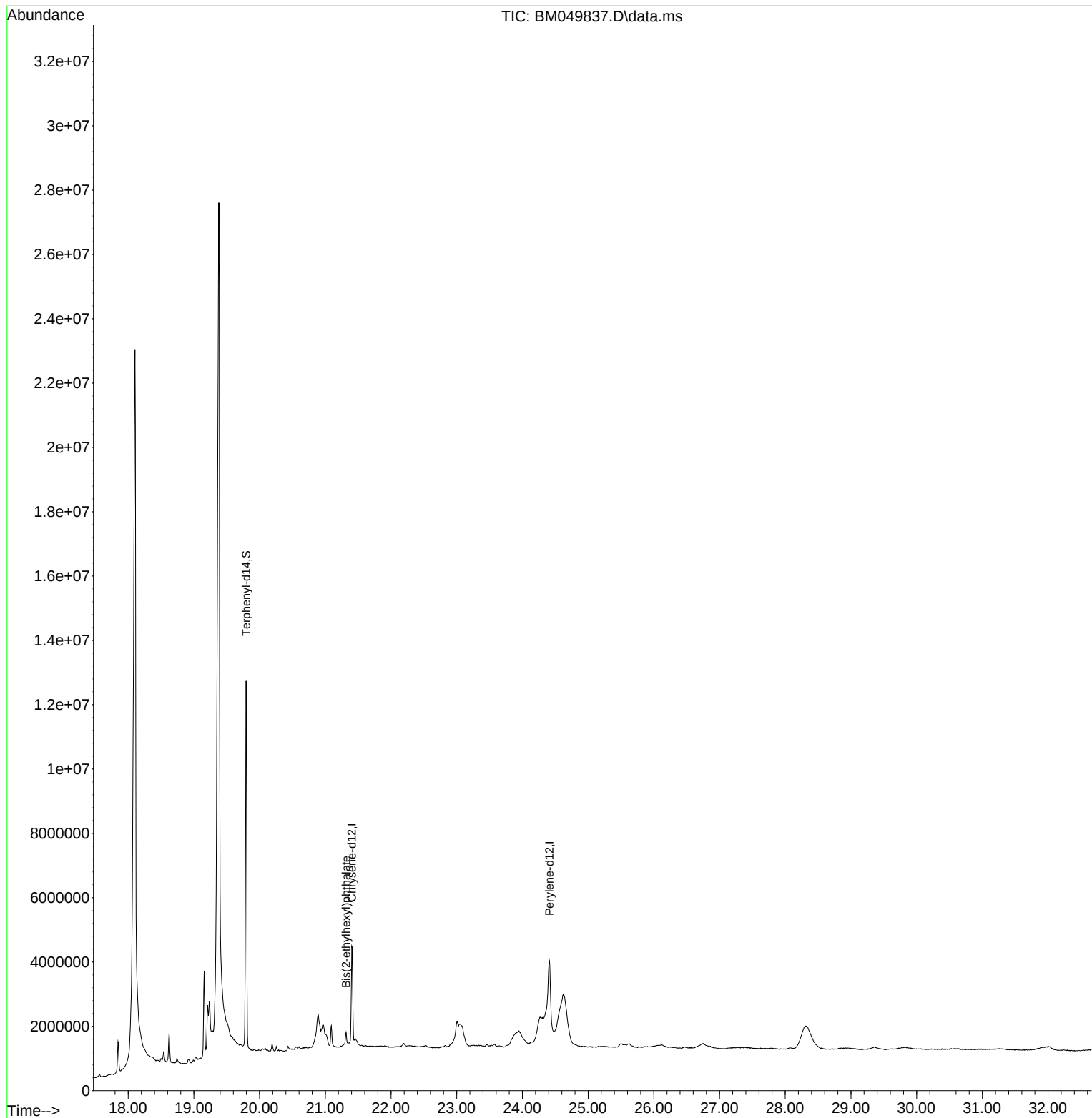
Quant Time: Apr 07 14:11:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 14:55:34 2025
Response via : Initial Calibration

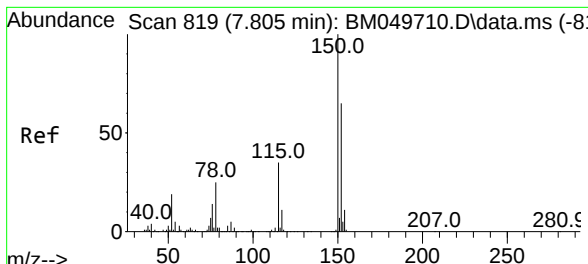


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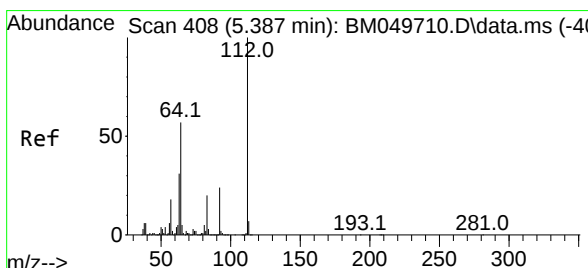
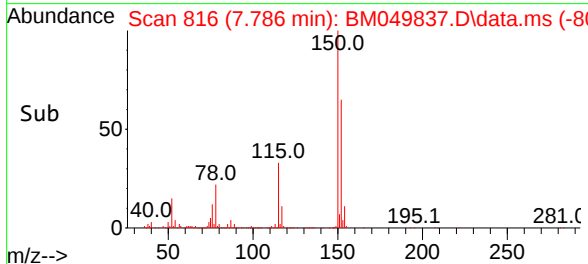
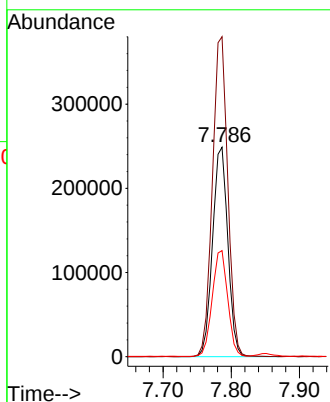
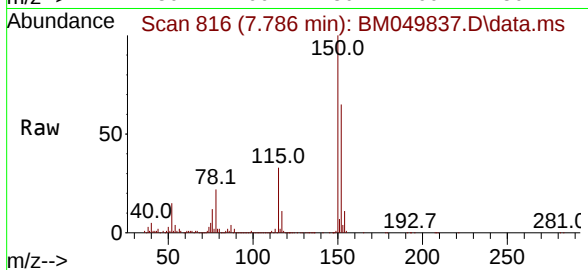


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.786 min Scan# 81
 Delta R.T. -0.019 min
 Lab File: BM049837.D
 Acq: 07 Apr 2025 13:24

Instrument :
 BNA_M
 ClientSampleId :
 K2

Tgt Ion:152 Resp: 388663

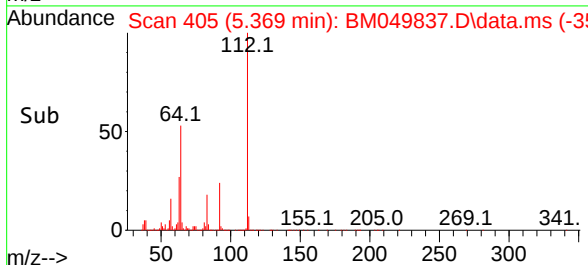
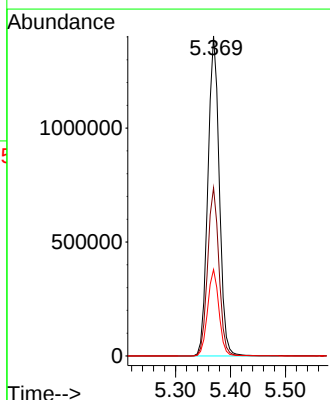
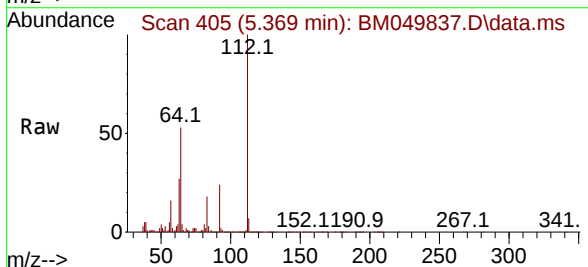
Ion	Ratio	Lower	Upper
152	100		
150	152.7	123.8	185.8
115	50.6	43.0	64.6

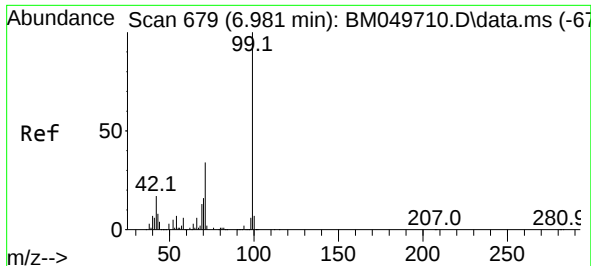


#5
 2-Fluorophenol
 Concen: 87.594 ng
 RT: 5.369 min Scan# 405
 Delta R.T. -0.018 min
 Lab File: BM049837.D
 Acq: 07 Apr 2025 13:24

Tgt Ion:112 Resp: 2017653

Ion	Ratio	Lower	Upper
112	100		
64	52.6	45.3	67.9
63	27.0	24.4	36.6

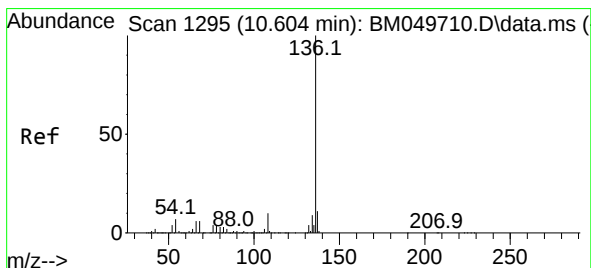
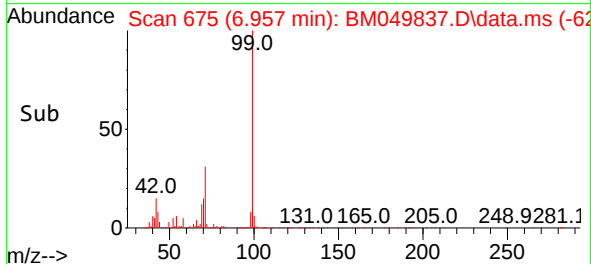
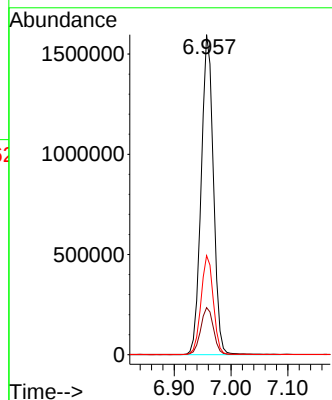
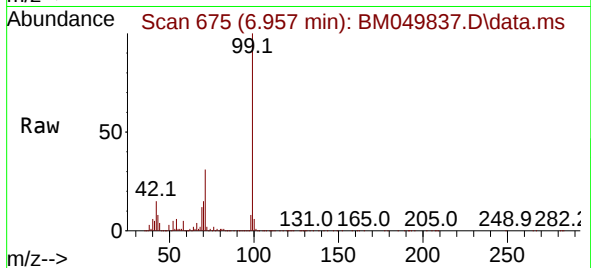




#7
Phenol-d6
Concen: 82.785 ng
RT: 6.957 min Scan# 61
Delta R.T. -0.024 min
Lab File: BM049837.D
Acq: 07 Apr 2025 13:24

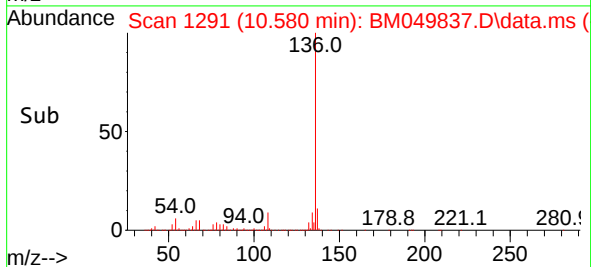
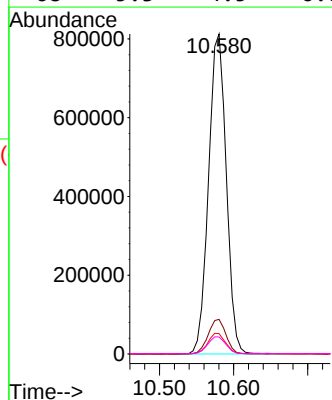
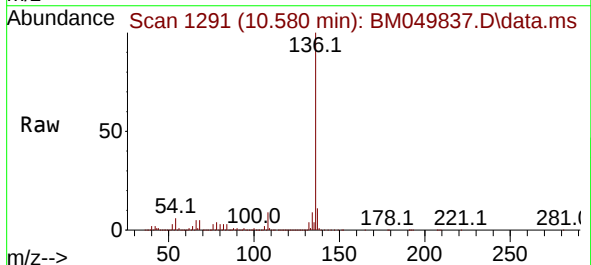
Instrument :
BNA_M
ClientSampleId :
K2

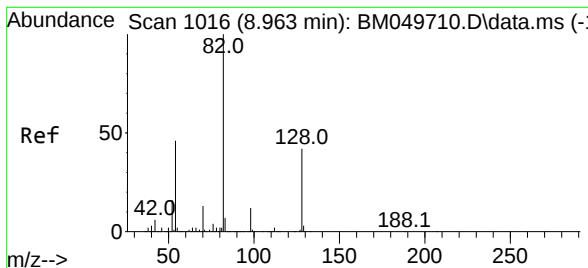
Tgt Ion: 99 Resp: 2393051
Ion Ratio Lower Upper
99 100
42 14.7 13.6 20.4
71 31.0 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.580 min Scan# 1291
Delta R.T. -0.024 min
Lab File: BM049837.D
Acq: 07 Apr 2025 13:24

Tgt Ion: 136 Resp: 1349629
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 6.4 5.8 8.8
68 5.3 4.5 6.7





#23

Nitrobenzene-d5

Concen: 52.318 ng

RT: 8.939 min Scan# 1012

Delta R.T. -0.024 min

Lab File: BM049837.D

Acq: 07 Apr 2025 13:24

Instrument :

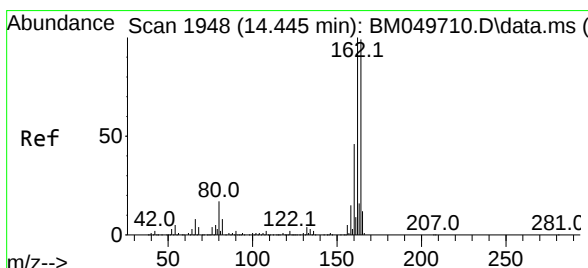
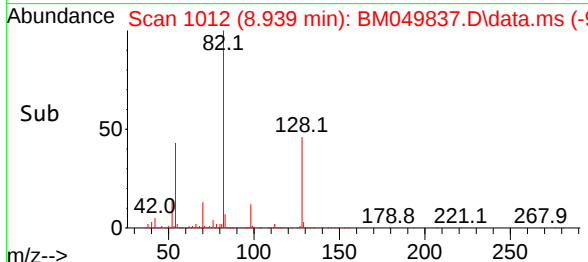
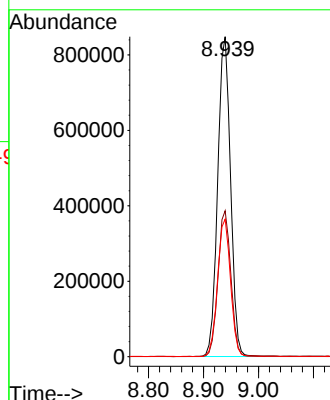
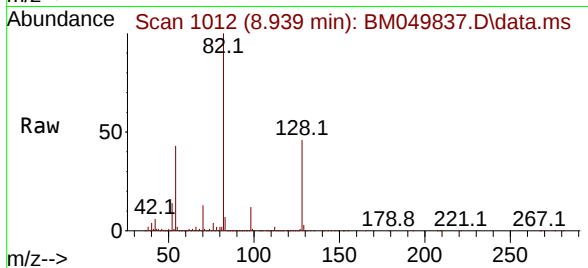
BNA_M

ClientSampleId :

K2

Tgt Ion: 82 Resp: 1375296

Ion	Ratio	Lower	Upper
82	100		
128	45.6	33.4	50.0
54	43.0	36.4	54.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.427 min Scan# 1945

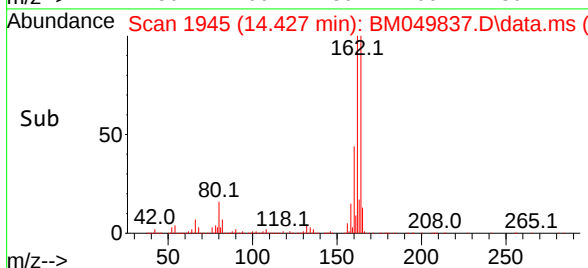
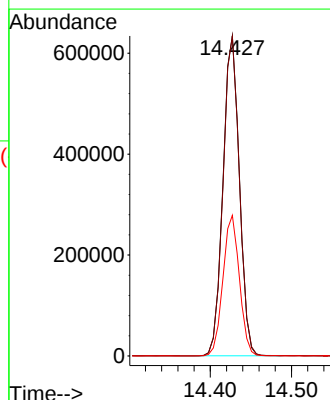
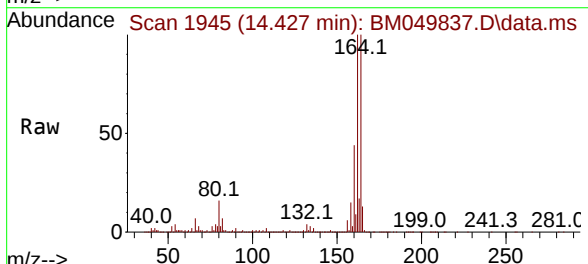
Delta R.T. -0.018 min

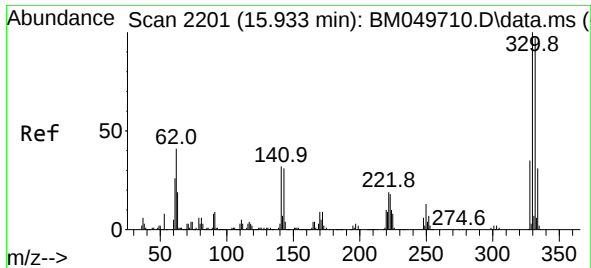
Lab File: BM049837.D

Acq: 07 Apr 2025 13:24

Tgt Ion:164 Resp: 890473

Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.5	120.7
160	44.0	36.9	55.3

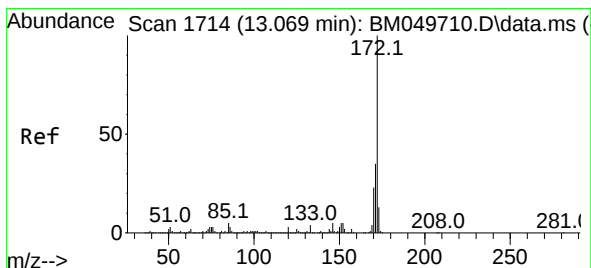
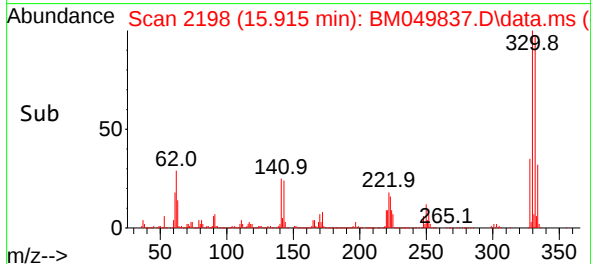
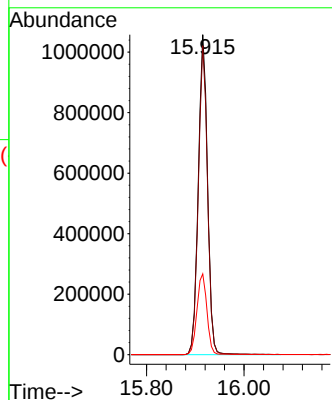
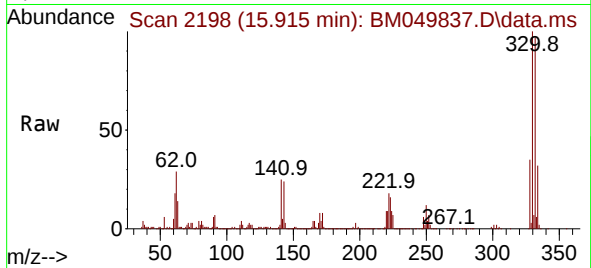




#42
2,4,6-Tribromophenol
Concen: 135.293 ng
RT: 15.915 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM049837.D
Acq: 07 Apr 2025 13:24

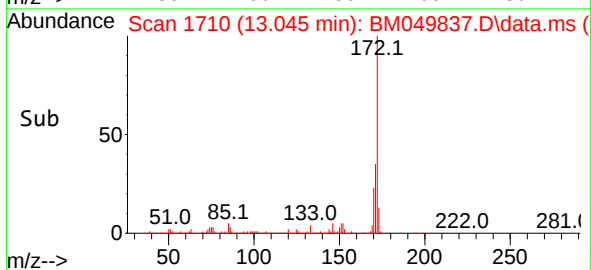
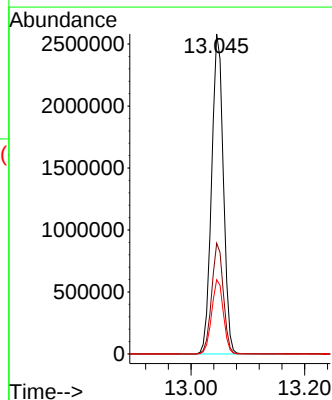
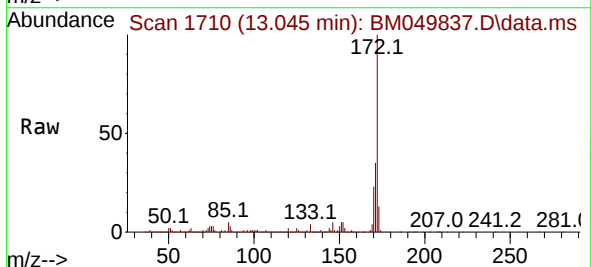
Instrument :
BNA_M
ClientSampleId :
K2

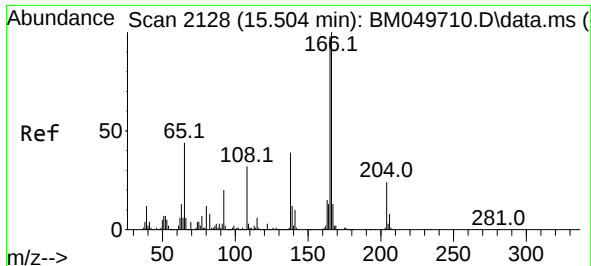
Tgt Ion:330 Resp: 1406785
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.4
141 27.0 27.8 41.6#



#45
2-Fluorobiphenyl
Concen: 51.828 ng
RT: 13.045 min Scan# 1710
Delta R.T. -0.024 min
Lab File: BM049837.D
Acq: 07 Apr 2025 13:24

Tgt Ion:172 Resp: 3685119
Ion Ratio Lower Upper
172 100
171 34.6 27.9 41.9
170 23.2 18.6 28.0

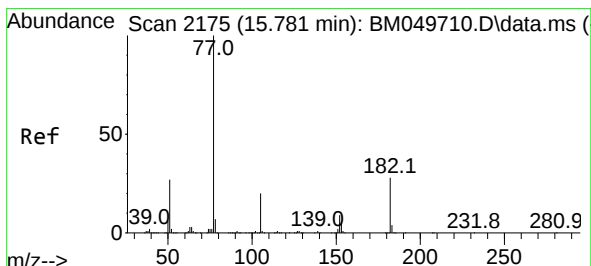
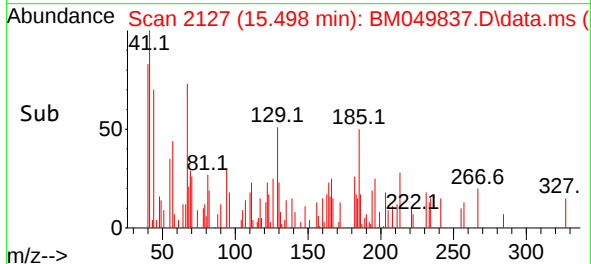
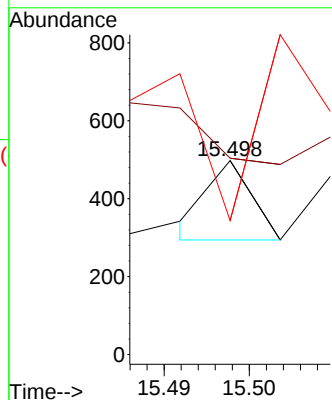
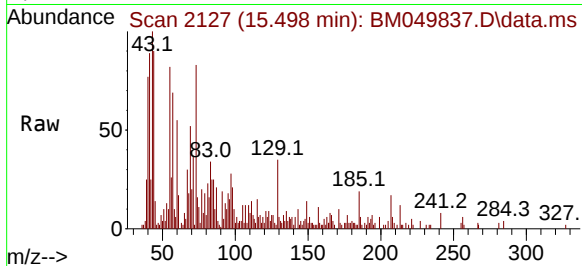




#62
4-Nitroaniline
Concen: 3.762 ng
RT: 15.498 min Scan# 2128
Delta R.T. -0.006 min
Lab File: BM049837.D
Acq: 07 Apr 2025 13:24

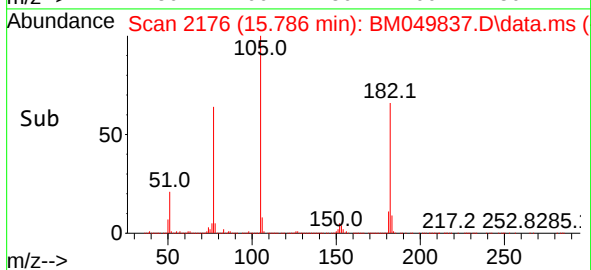
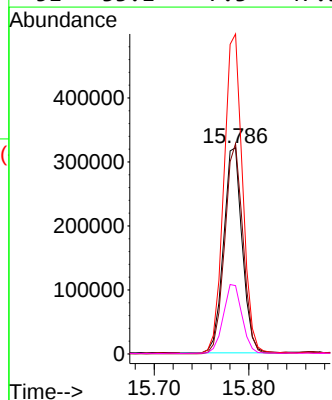
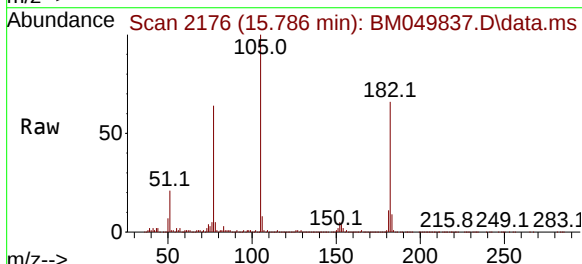
Instrument :
BNA_M
ClientSampleId :
K2

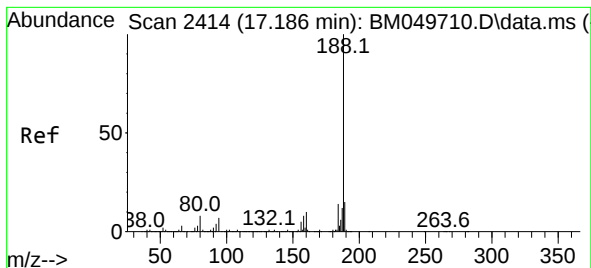
Tgt Ion:138 Resp: 72
Ion Ratio Lower Upper
138 100
92 101.2 29.8 69.8#
108 69.1 61.3 101.3



#63
Azobenzene
Concen: 7.942 ng
RT: 15.786 min Scan# 2176
Delta R.T. 0.005 min
Lab File: BM049837.D
Acq: 07 Apr 2025 13:24

Tgt Ion: 77 Resp: 438052
Ion Ratio Lower Upper
77 100
182 102.0 8.0 48.0#
105 155.2 0.0 40.0#
51 33.1 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: BM049837.D

Acq: 07 Apr 2025 13:24

Instrument :

BNA_M

ClientSampleId :

K2

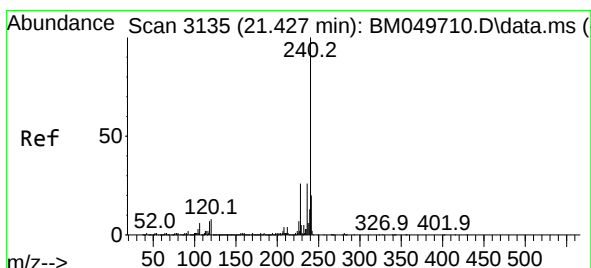
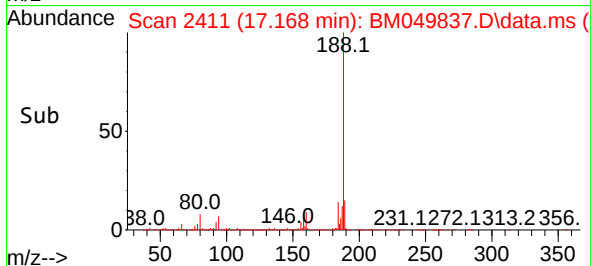
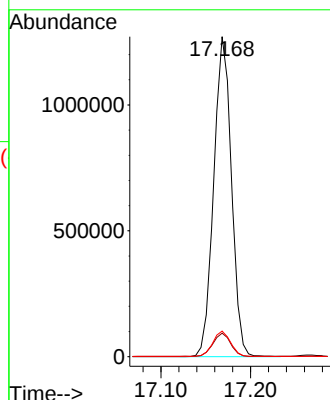
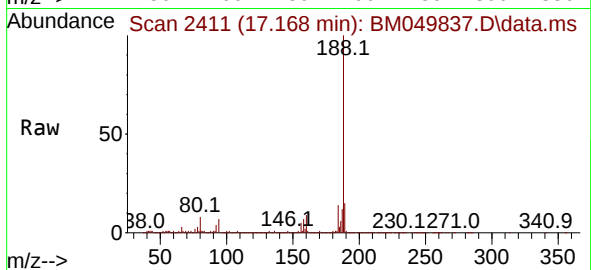
Tgt Ion:188 Resp: 1740086

Ion Ratio Lower Upper

188 100

94 7.3 5.8 8.6

80 8.0 6.3 9.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.403 min Scan# 3131

Delta R.T. -0.024 min

Lab File: BM049837.D

Acq: 07 Apr 2025 13:24

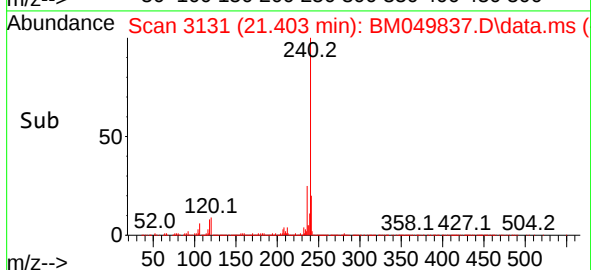
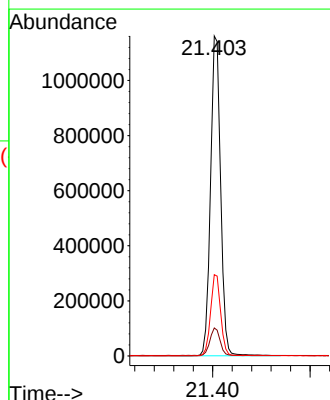
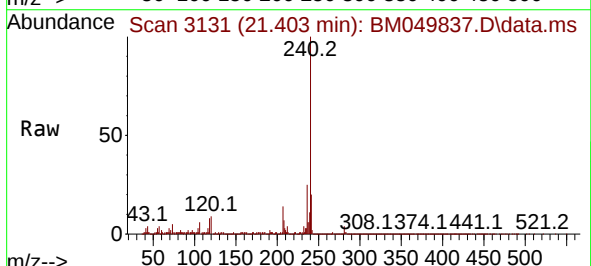
Tgt Ion:240 Resp: 1657124

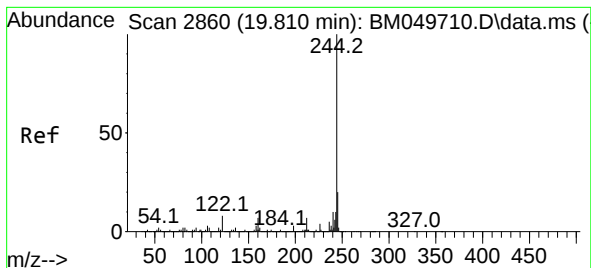
Ion Ratio Lower Upper

240 100

120 8.7 6.5 9.7

236 25.4 20.7 31.1





#79

Terphenyl-d14

Concen: 56.122 ng

RT: 19.797 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM049837.D

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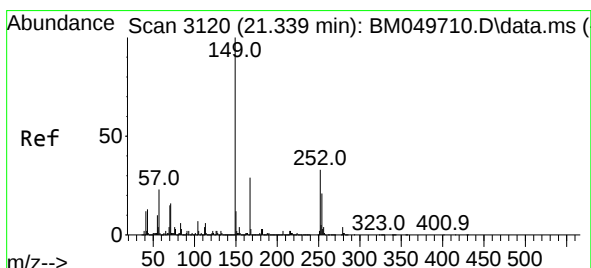
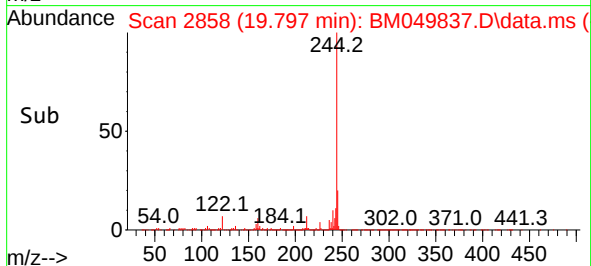
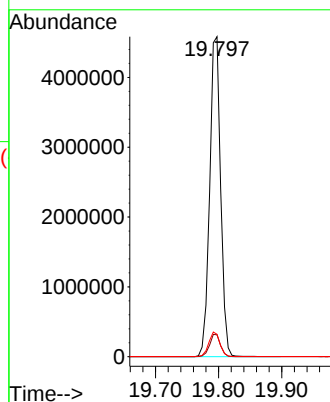
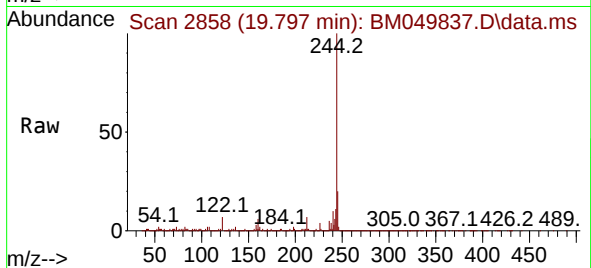
Tgt Ion:244 Resp: 5518910

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

122 7.0 6.0 9.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.745 ng

RT: 21.315 min Scan# 3116

Delta R.T. -0.024 min

Lab File: BM049837.D

Acq: 07 Apr 2025 13:24

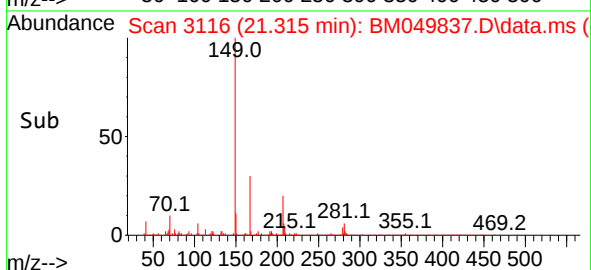
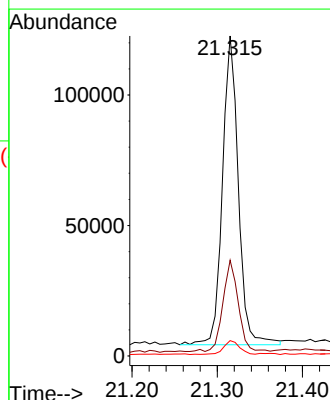
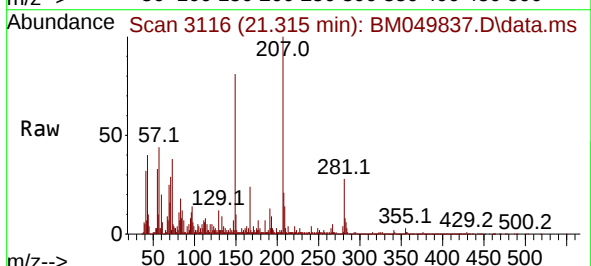
Tgt Ion:149 Resp: 153685

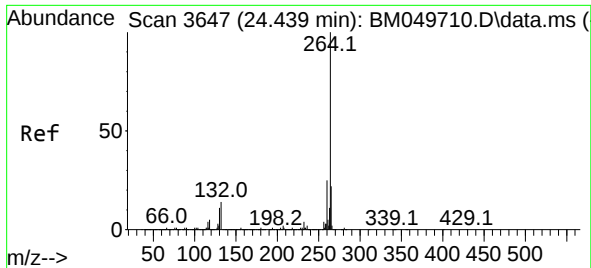
Ion Ratio Lower Upper

149 100

167 29.9 22.9 34.3

279 4.8 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: BM049837.D
 Acq: 07 Apr 2025 13:24

Instrument :
 BNA_M
 ClientSampleId :
 K2

Tgt Ion:264 Resp: 1901763
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.6 29.4
 265 22.3 18.2 27.2

