

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060525\
 Data File : BN037185.D
 Acq On : 05 Jun 2025 18:10
 Operator : RC/JU
 Sample : Q2200-05DL 10X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 05 18:38:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 04 01:52:03 2025
 Response via : Initial Calibration

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

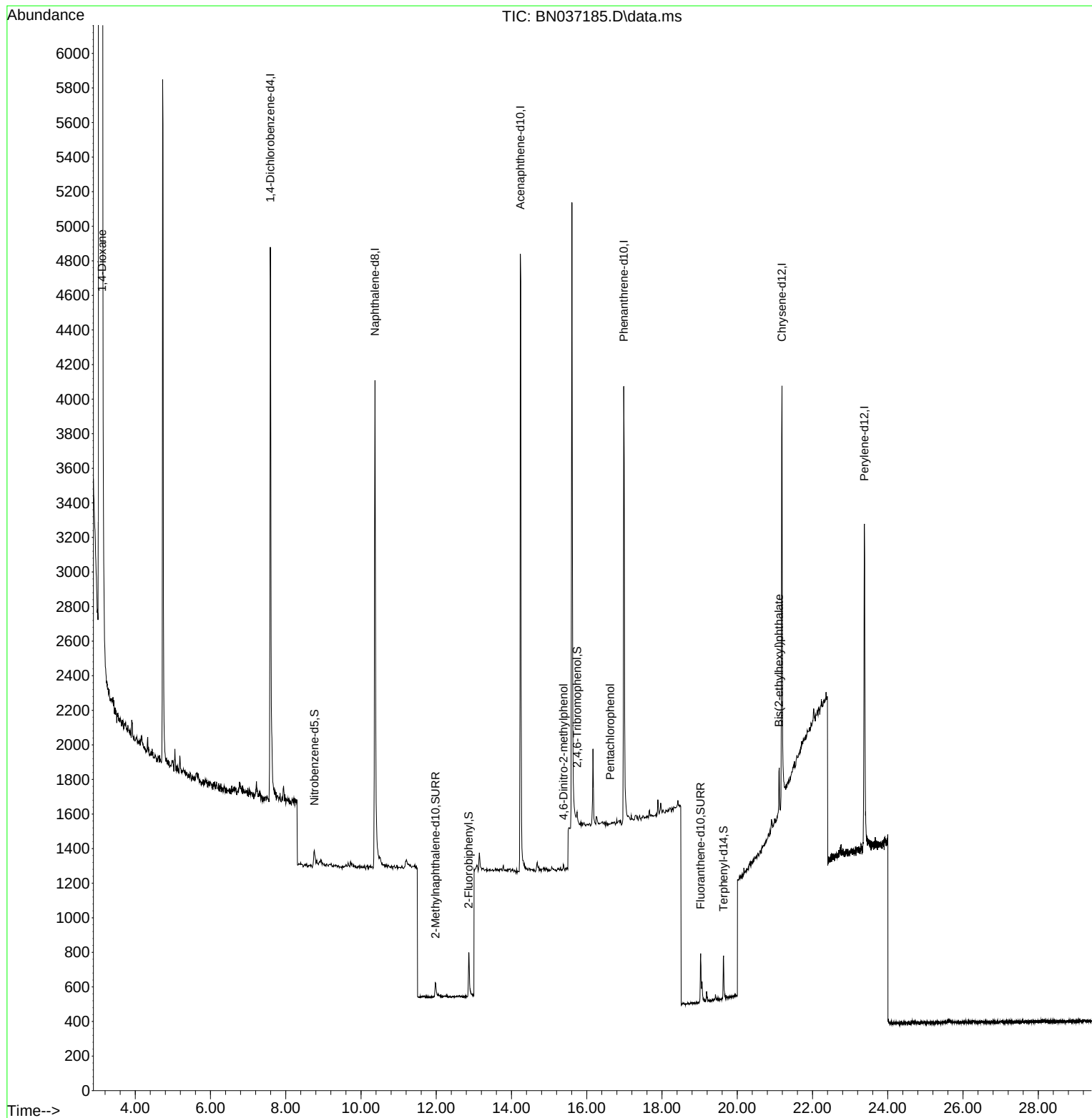
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	1668	0.400	ng	0.00
7) Naphthalene-d8	10.372	136	4203	0.400	ng	0.00
13) Acenaphthene-d10	14.234	164	2312	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	4171	0.400	ng	0.00
29) Chrysene-d12	21.188	240	2654	0.400	ng	0.00
35) Perylene-d12	23.377	264	2589	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.184	112	65	0.016	ng	0.00
5) Phenol-d6	6.773	99	43	0.009	ng	0.00
8) Nitrobenzene-d5	8.760	82	160	0.036	ng	0.02
11) 2-Methylnaphthalene-d10	11.981	152	181	0.031	ng	0.00
14) 2,4,6-Tribromophenol	15.742	330	42	0.045	ng	0.00
15) 2-Fluorobiphenyl	12.863	172	325	0.033	ng	0.00
27) Fluoranthene-d10	19.026	212	390	0.037	ng	0.00
31) Terphenyl-d14	19.635	244	283	0.045	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.119	88	5418	2.437	ng	99
20) 4,6-Dinitro-2-methylph...	15.378	198	1	0.275	ng	# 4
24) Pentachlorophenol	16.624	266	13	0.223	ng	# 30
34) Bis(2-ethylhexyl)phtha...	21.108	149	342	0.056	ng	# 88

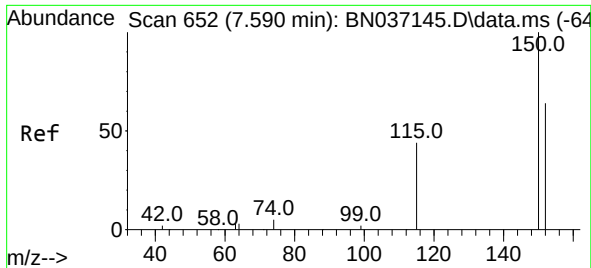
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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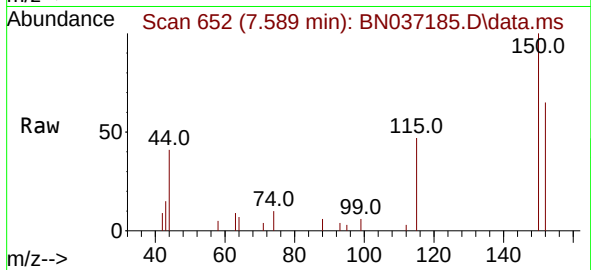
Quant Time: Jun 05 18:38:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
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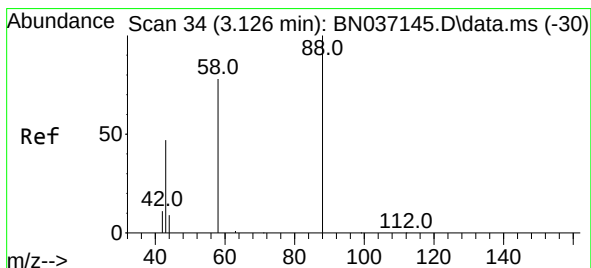
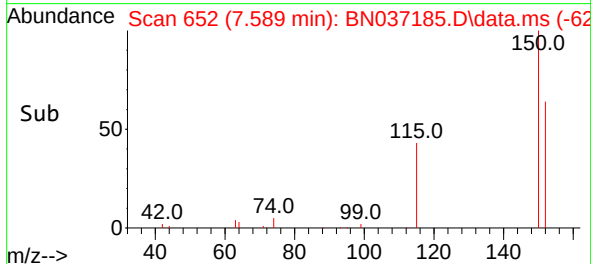
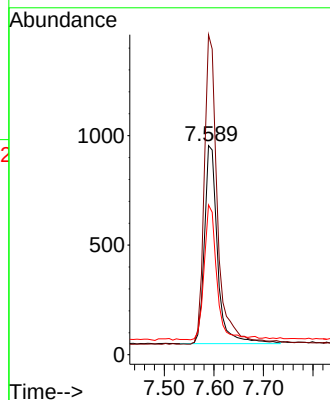


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.589 min Scan# 61
 Delta R.T. -0.001 min
 Lab File: BN037185.D
 Acq: 05 Jun 2025 18:10

Instrument :
 BNA_N
 ClientSampleId :

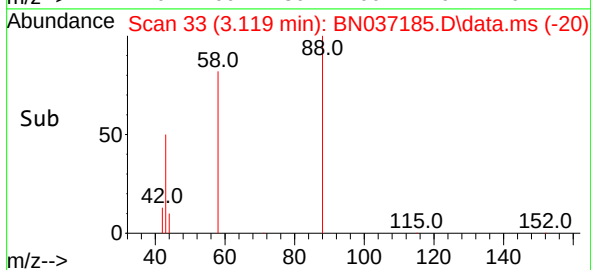
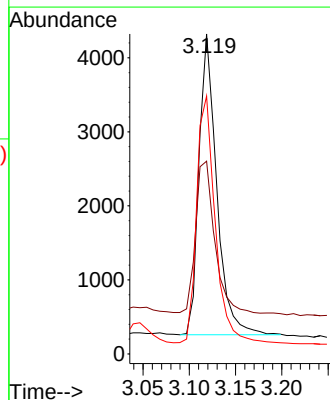
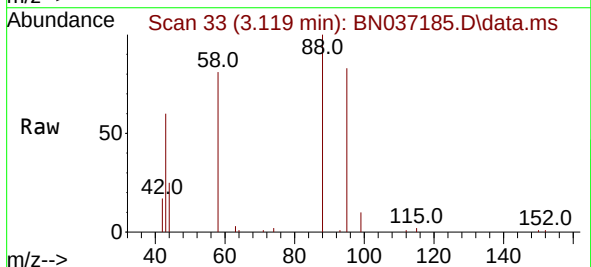


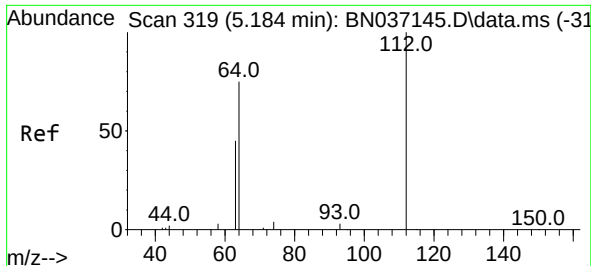
Tgt Ion:152 Resp: 1668
 Ion Ratio Lower Upper
 152 100
 150 153.0 123.2 184.8
 115 71.6 56.6 85.0



#2
 1,4-Dioxane
 Concen: 2.437 ng
 RT: 3.119 min Scan# 33
 Delta R.T. -0.007 min
 Lab File: BN037185.D
 Acq: 05 Jun 2025 18:10

Tgt Ion: 88 Resp: 5418
 Ion Ratio Lower Upper
 88 100
 43 55.0 43.5 65.3
 58 85.6 67.7 101.5

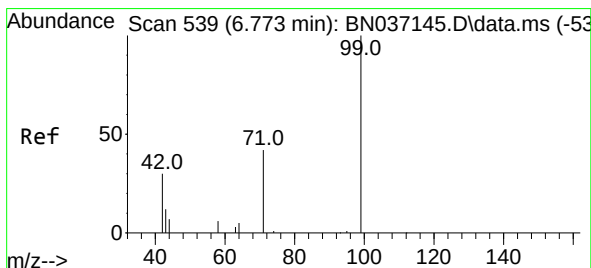
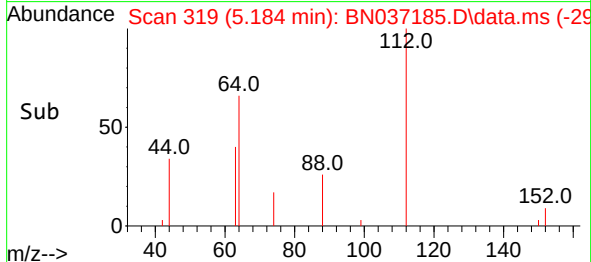
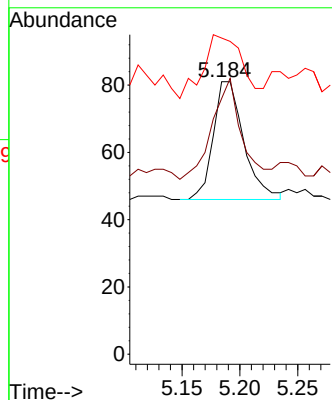
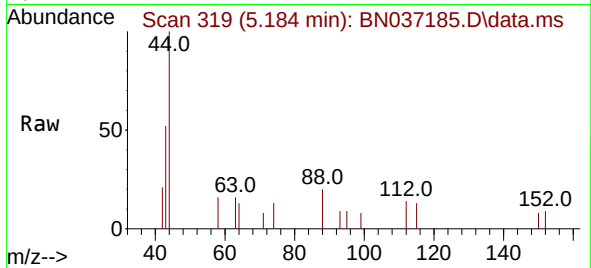




#4
2-Fluorophenol
Concen: 0.016 ng
RT: 5.184 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN037185.D
Acq: 05 Jun 2025 18:10

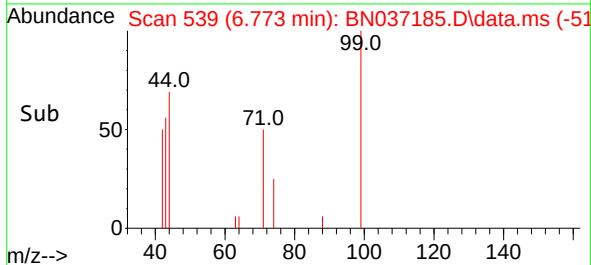
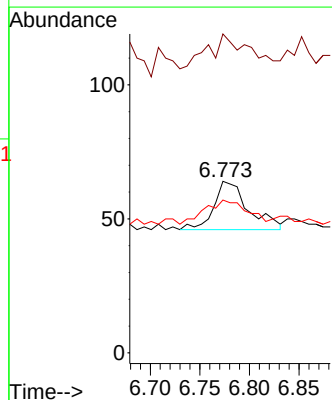
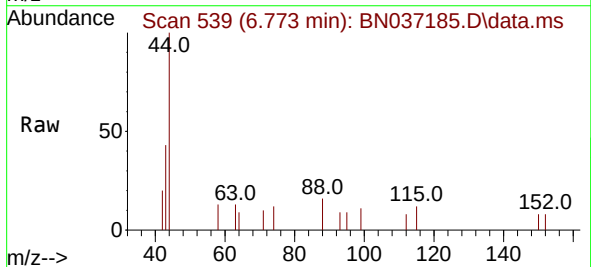
Instrument :
BNA_N
ClientSampleId :

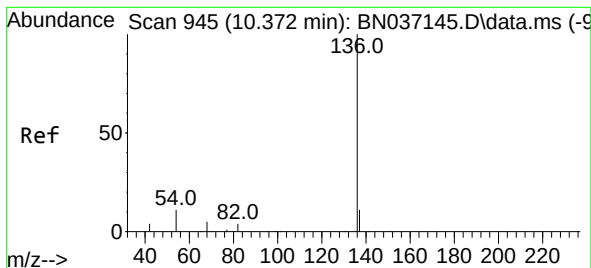
Tgt Ion:112 Resp: 65
Ion Ratio Lower Upper
112 100
64 78.5 56.3 84.5
63 64.6 36.2 54.4#



#5
Phenol-d6
Concen: 0.009 ng
RT: 6.773 min Scan# 539
Delta R.T. -0.000 min
Lab File: BN037185.D
Acq: 05 Jun 2025 18:10

Tgt Ion: 99 Resp: 43
Ion Ratio Lower Upper
99 100
42 83.7 31.3 46.9#
71 67.4 38.2 57.2#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.372 min Scan# 94

Delta R.T. -0.000 min

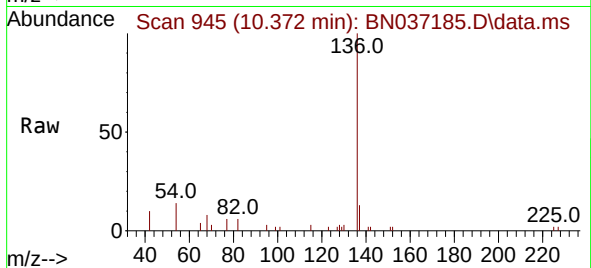
Lab File: BN037185.D

Acq: 05 Jun 2025 18:10

Instrument :

BNA_N

ClientSampleId :



Tgt Ion:136 Resp: 4203

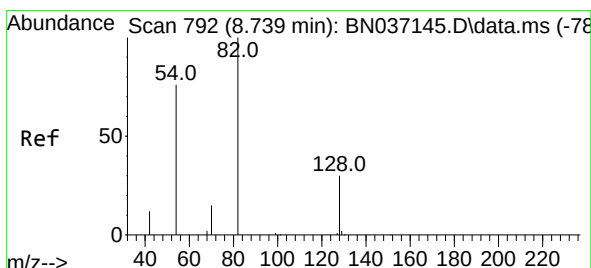
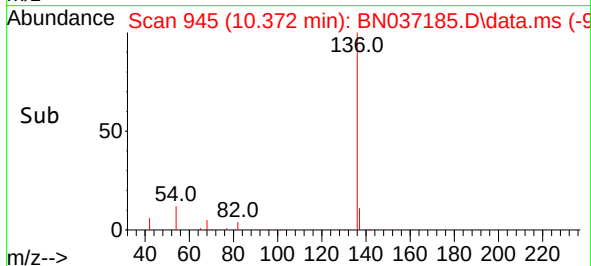
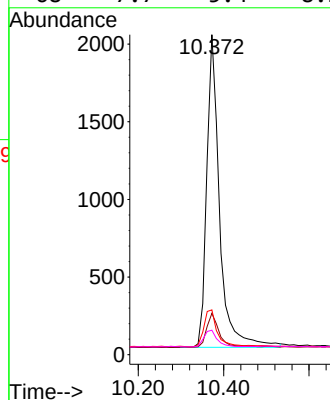
Ion Ratio Lower Upper

136 100

137 12.9 9.7 14.5

54 14.0 9.7 14.5

68 7.7 5.4 8.2



#8

Nitrobenzene-d5

Concen: 0.036 ng

RT: 8.760 min Scan# 794

Delta R.T. 0.021 min

Lab File: BN037185.D

Acq: 05 Jun 2025 18:10

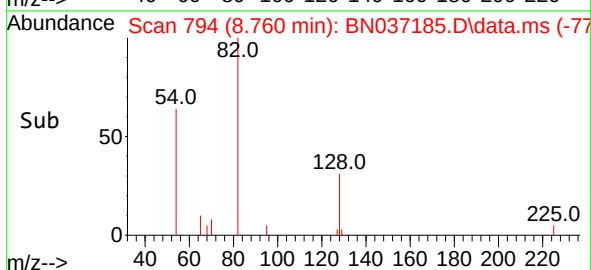
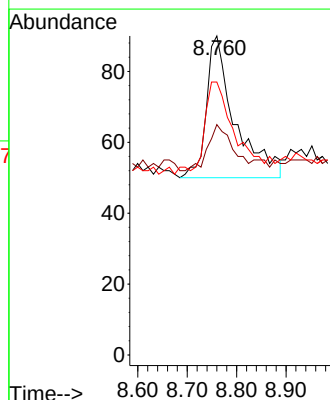
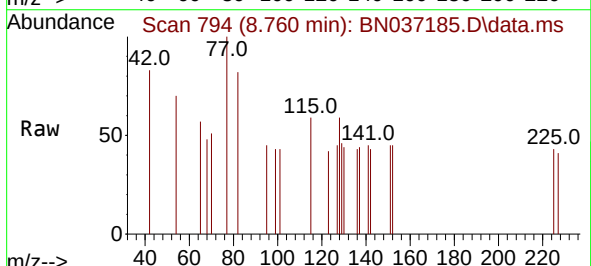
Tgt Ion: 82 Resp: 160

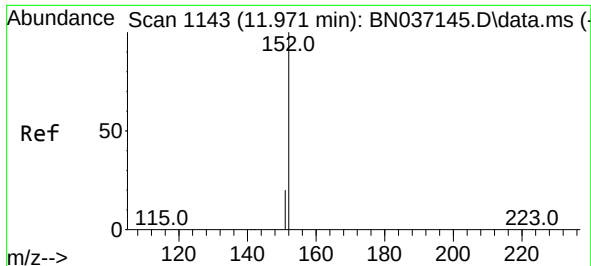
Ion Ratio Lower Upper

82 100

128 72.2 26.9 40.3#

54 85.6 61.4 92.2

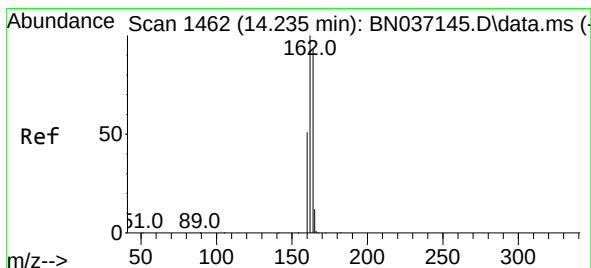
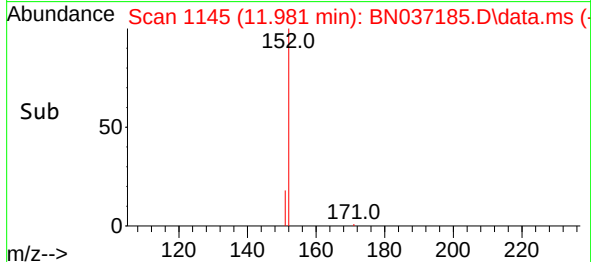
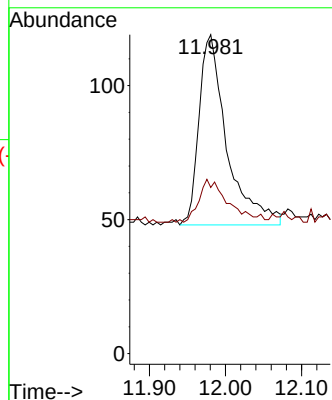
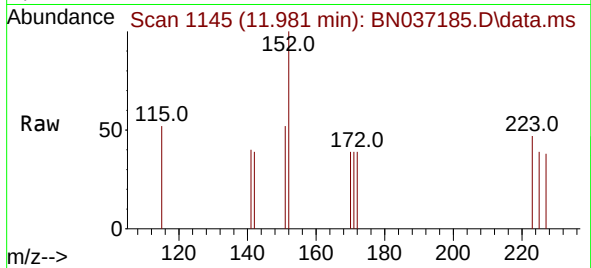




#11
2-Methylnaphthalene-d10
Concen: 0.031 ng
RT: 11.981 min Scan# 1145
Delta R.T. 0.010 min
Lab File: BN037185.D
Acq: 05 Jun 2025 18:10

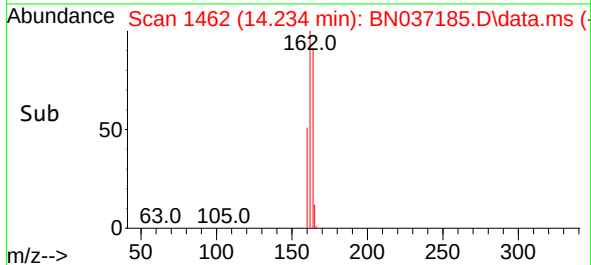
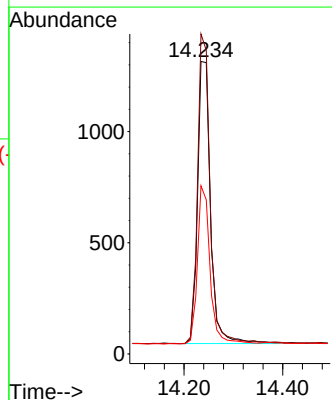
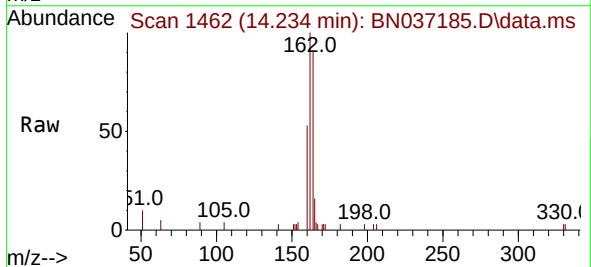
Instrument :
BNA_N
ClientSampleId :

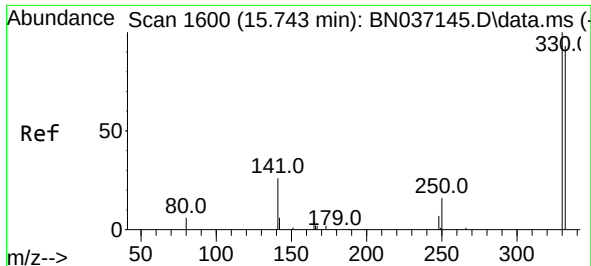
Tgt Ion:152 Resp: 181
Ion Ratio Lower Upper
152 100
151 25.4 17.1 25.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.234 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BN037185.D
Acq: 05 Jun 2025 18:10

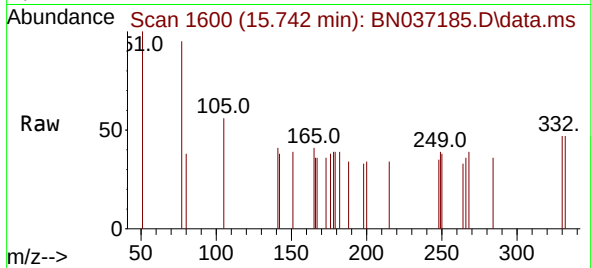
Tgt Ion:164 Resp: 2312
Ion Ratio Lower Upper
164 100
162 109.4 85.5 128.3
160 57.5 44.6 67.0



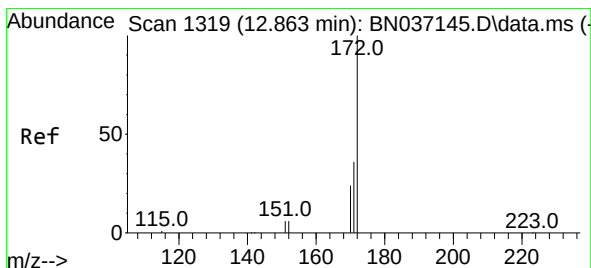
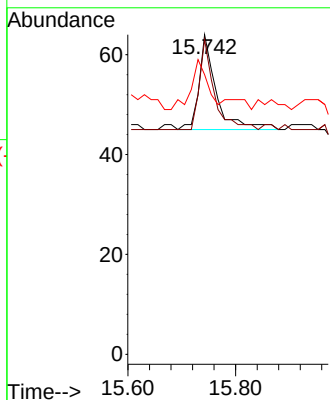
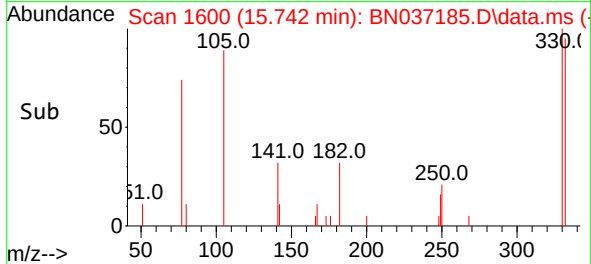


#14
2,4,6-Tribromophenol
Concen: 0.045 ng
RT: 15.742 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037185.D
Acq: 05 Jun 2025 18:10

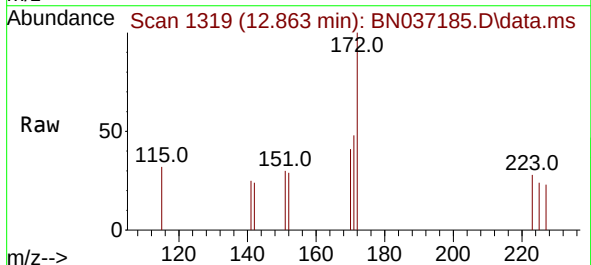
Instrument :
BNA_N
ClientSampleId :



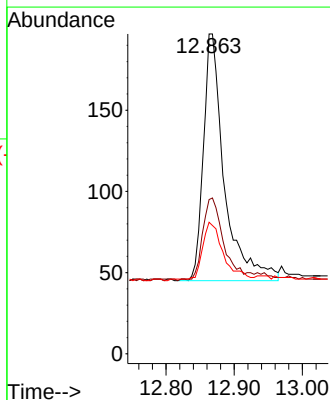
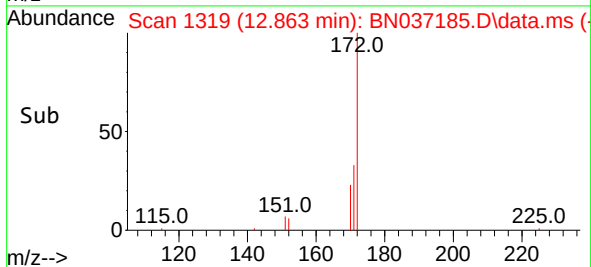
Tgt Ion:330 Resp: 42
Ion Ratio Lower Upper
330 100
332 81.0 77.1 115.7
141 50.0 46.4 69.6

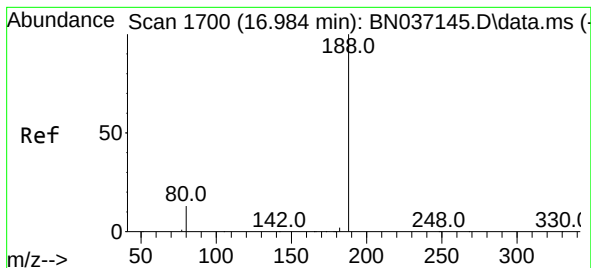


#15
2-Fluorobiphenyl
Concen: 0.033 ng
RT: 12.863 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BN037185.D
Acq: 05 Jun 2025 18:10



Tgt Ion:172 Resp: 325
Ion Ratio Lower Upper
172 100
171 48.2 29.6 44.4#
170 41.1 20.3 30.5#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.984 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN037185.D

Acq: 05 Jun 2025 18:10

Instrument :

BNA_N

ClientSampleId :

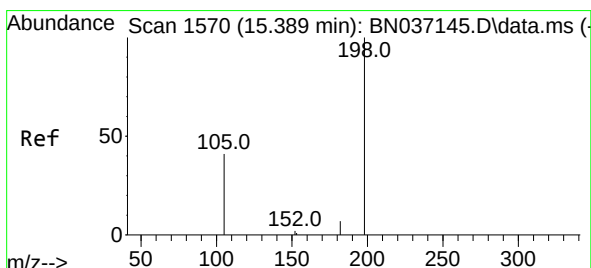
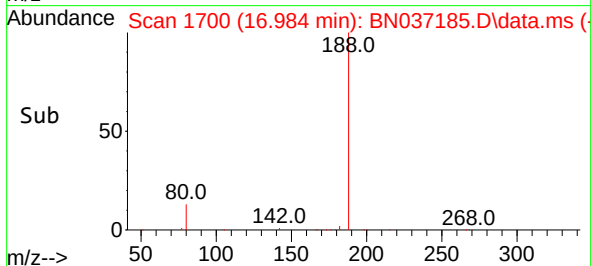
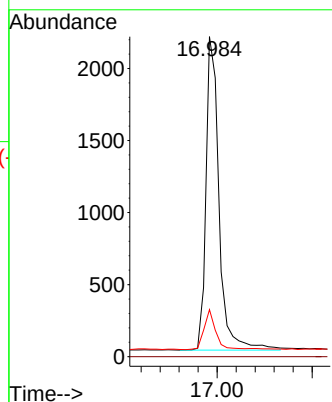
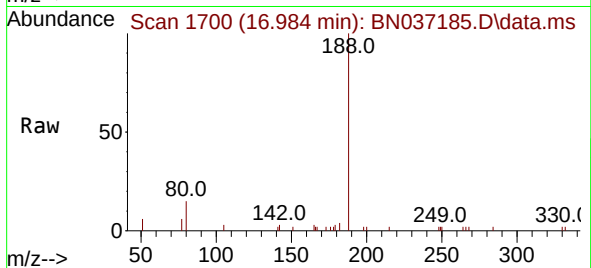
Tgt Ion:188 Resp: 4171

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.7 11.3 16.9



#20

4,6-Dinitro-2-methylphenol

Concen: 0.275 ng

RT: 15.378 min Scan# 1569

Delta R.T. -0.011 min

Lab File: BN037185.D

Acq: 05 Jun 2025 18:10

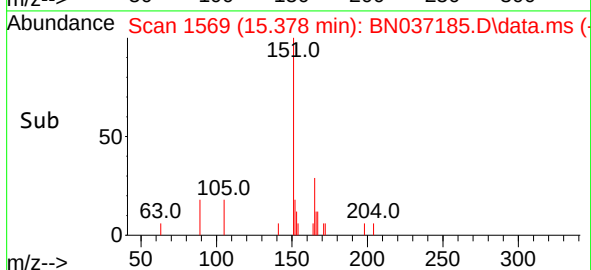
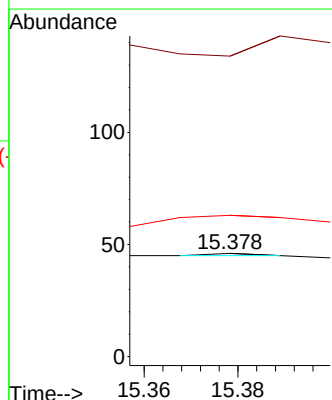
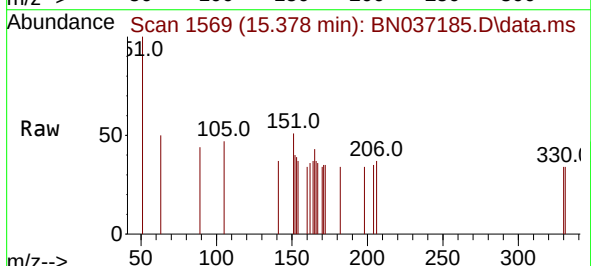
Tgt Ion:198 Resp: 1

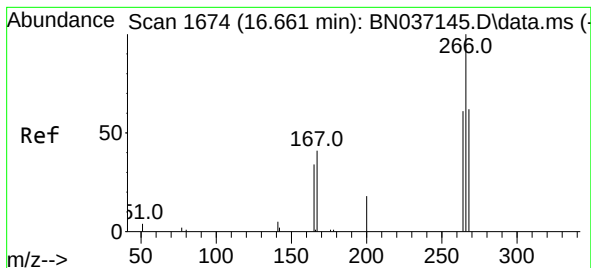
Ion Ratio Lower Upper

198 100

51 291.3 125.2 187.8#

105 137.0 57.1 85.7#





#24

Pentachlorophenol

Concen: 0.223 ng

RT: 16.624 min Scan# 1671

Delta R.T. -0.037 min

Lab File: BN037185.D

Acq: 05 Jun 2025 18:10

Instrument :

BNA_N

ClientSampleId :

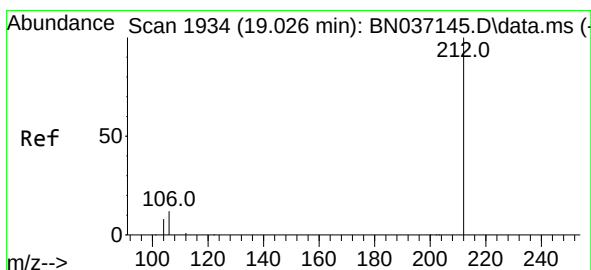
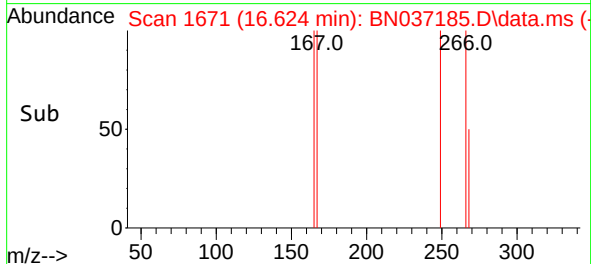
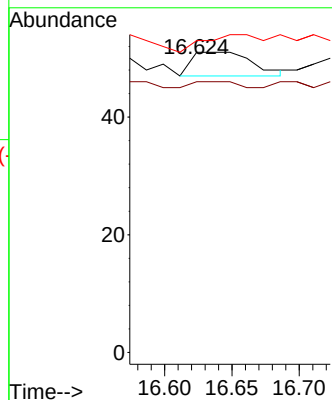
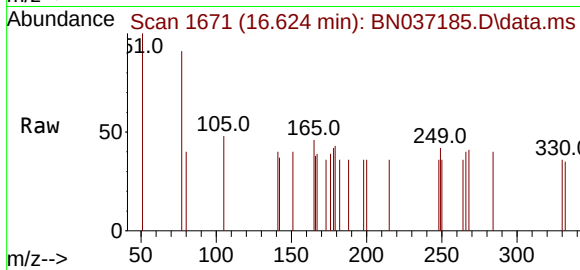
Tgt Ion:266 Resp: 13

Ion Ratio Lower Upper

266 100

264 15.4 49.3 73.9#

268 0.0 49.0 73.4#



#27

Fluoranthene-d10

Concen: 0.037 ng

RT: 19.026 min Scan# 1934

Delta R.T. -0.000 min

Lab File: BN037185.D

Acq: 05 Jun 2025 18:10

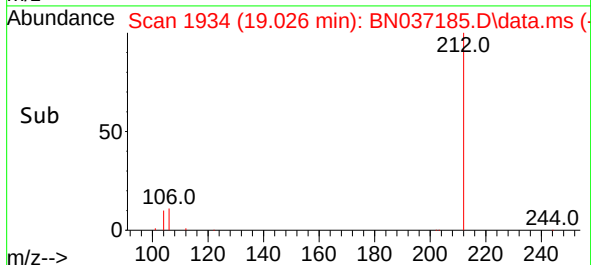
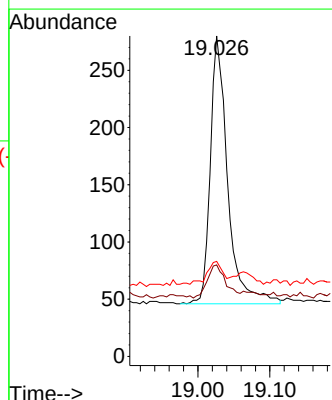
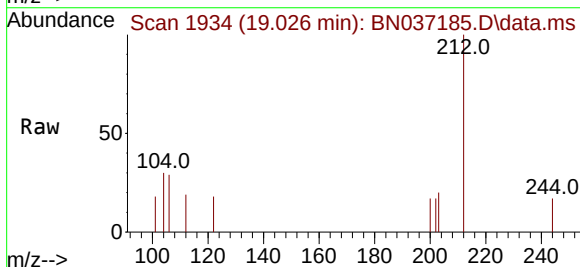
Tgt Ion:212 Resp: 390

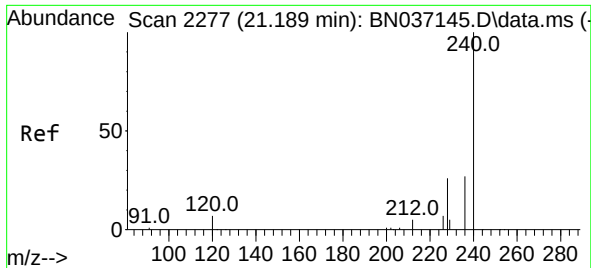
Ion Ratio Lower Upper

212 100

106 13.1 10.6 15.8

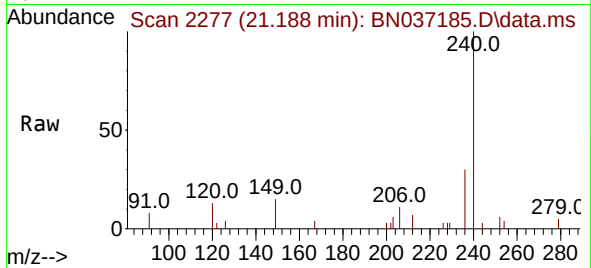
104 8.5 6.6 9.8



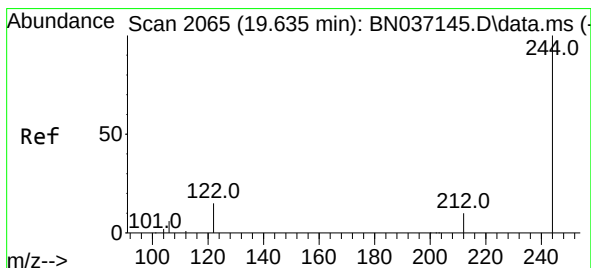
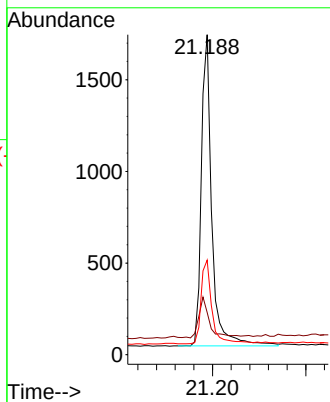
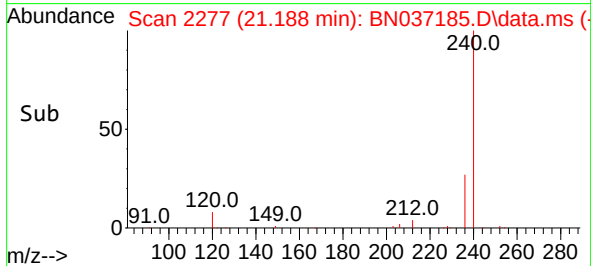


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.188 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN037185.D
Acq: 05 Jun 2025 18:10

Instrument :
BNA_N
ClientSampleId :

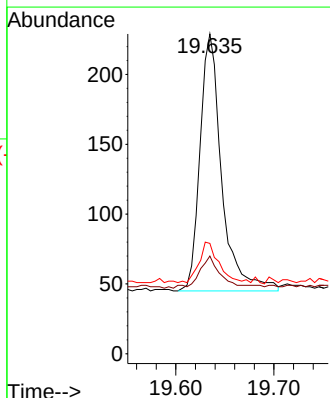
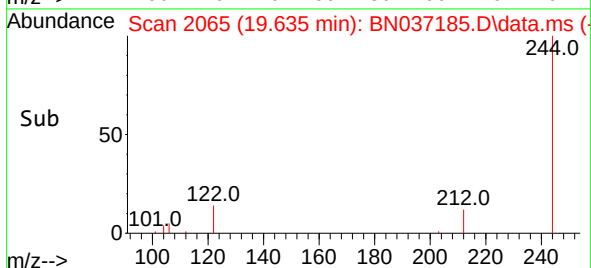
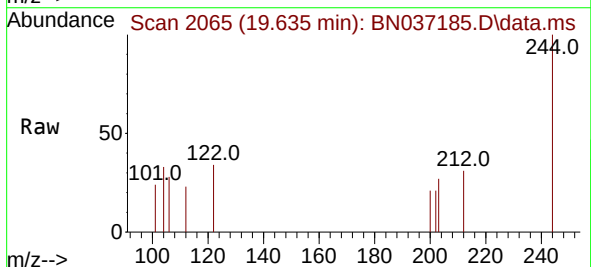


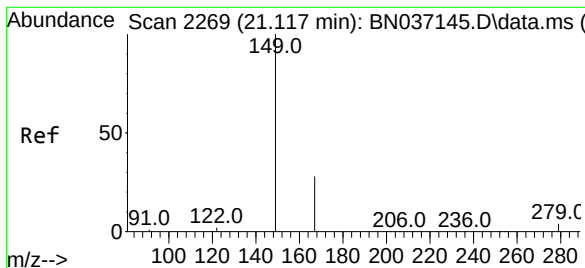
Tgt Ion:240 Resp: 2654
Ion Ratio Lower Upper
240 100
120 13.2 9.0 13.4
236 29.6 23.0 34.4



#31
Terphenyl-d14
Concen: 0.045 ng
RT: 19.635 min Scan# 2065
Delta R.T. -0.000 min
Lab File: BN037185.D
Acq: 05 Jun 2025 18:10

Tgt Ion:244 Resp: 283
Ion Ratio Lower Upper
244 100
212 30.6 10.0 15.0#
122 34.5 13.2 19.8#

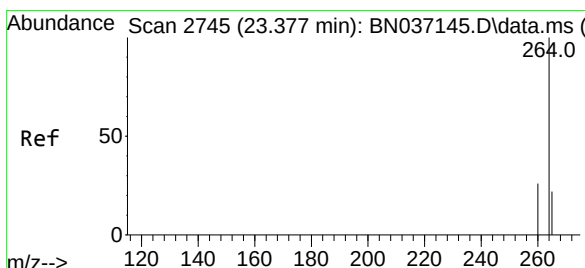
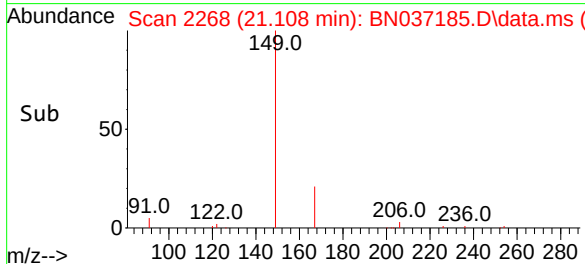
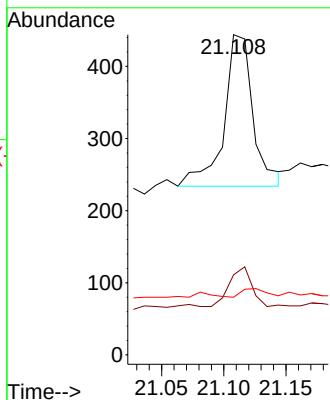
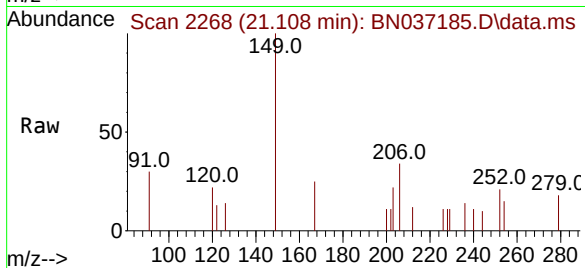




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.056 ng
 RT: 21.108 min Scan# 21108
 Delta R.T. -0.009 min
 Lab File: BN037185.D
 Acq: 05 Jun 2025 18:10

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:149 Resp: 342
 Ion Ratio Lower Upper
 149 100
 167 19.3 21.0 31.4#
 279 5.0 2.9 4.3#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.377 min Scan# 2745
 Delta R.T. -0.000 min
 Lab File: BN037185.D
 Acq: 05 Jun 2025 18:10

Tgt Ion:264 Resp: 2589
 Ion Ratio Lower Upper
 264 100
 260 27.4 22.1 33.1
 265 72.9 55.8 83.8

