

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072225\
 Data File : BN037537.D
 Acq On : 22 Jul 2025 13:52
 Operator : RC/JU
 Sample : Q2643-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 22 14:49:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 19 01:46:16 2025
 Response via : Initial Calibration

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

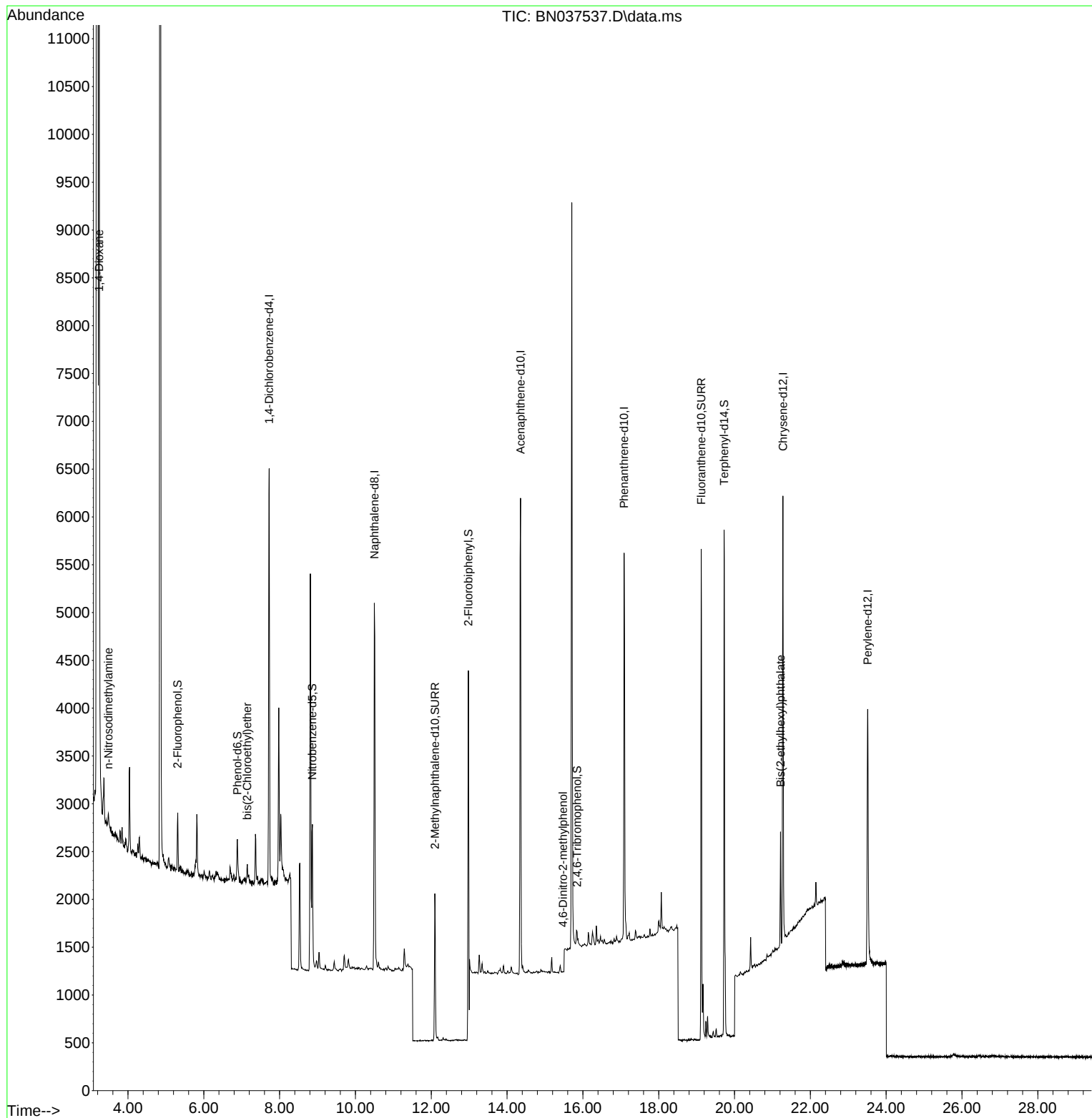
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	2157	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	5570	0.400	ng	#-0.01
13) Acenaphthene-d10	14.356	164	3011	0.400	ng	0.00
19) Phenanthrene-d10	17.087	188	5819	0.400	ng	#-0.01
29) Chrysene-d12	21.277	240	4394	0.400	ng	0.00
35) Perylene-d12	23.513	264	3754	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	483	0.091	ng	0.00
5) Phenol-d6	6.887	99	429	0.064	ng	0.00
8) Nitrobenzene-d5	8.865	82	1293	0.311	ng	0.00
11) 2-Methylnaphthalene-d10	12.096	152	2205	0.276	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	106	0.072	ng	0.00
15) 2-Fluorobiphenyl	12.978	172	4999	0.319	ng	0.00
27) Fluoranthene-d10	19.123	212	5622	0.365	ng	0.00
31) Terphenyl-d14	19.726	244	4981	0.528	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.239	88	6628	3.196	ng	97
3) n-Nitrosodimethylamine	3.485	42	54	0.021	ng	# 1
6) bis(2-Chloroethyl)ether	7.147	93	127	0.023	ng	# 89
20) 4,6-Dinitro-2-methylph...	15.478	198	9	0.105	ng	# 9
34) Bis(2-ethylhexyl)phtha...	21.214	149	1085	0.157	ng	95

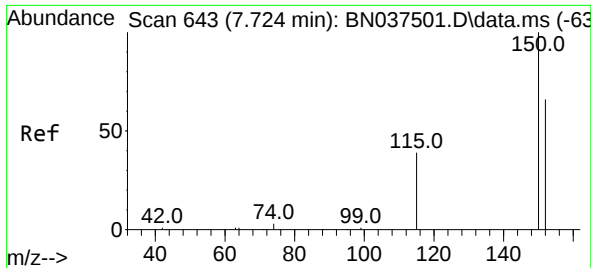
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072225\
Data File : BN037537.D
Acq On : 22 Jul 2025 13:52
Operator : RC/JU
Sample : Q2643-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

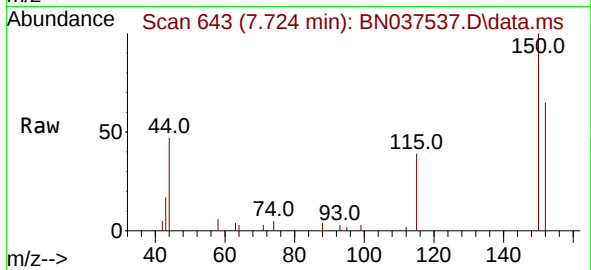
Quant Time: Jul 22 14:49:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 19 01:46:16 2025
Response via : Initial Calibration



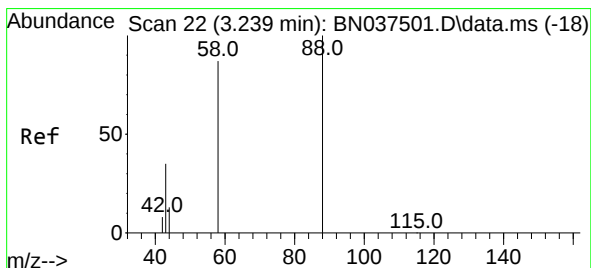
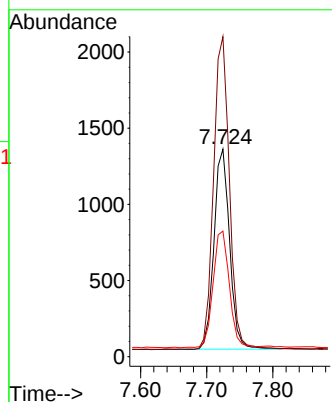
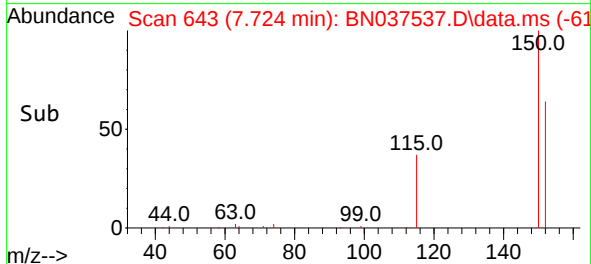


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN037537.D
 Acq: 22 Jul 2025 13:52

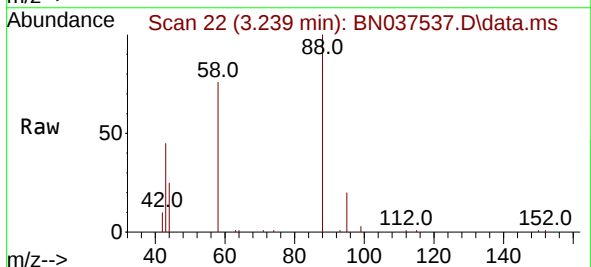
Instrument :
 BNA_N
 ClientSampleId :



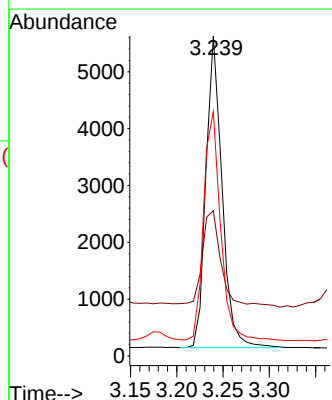
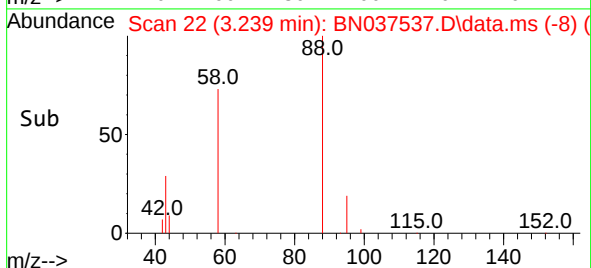
Tgt Ion:152 Resp: 2157
 Ion Ratio Lower Upper
 152 100
 150 154.1 119.8 179.8
 115 60.5 49.1 73.7

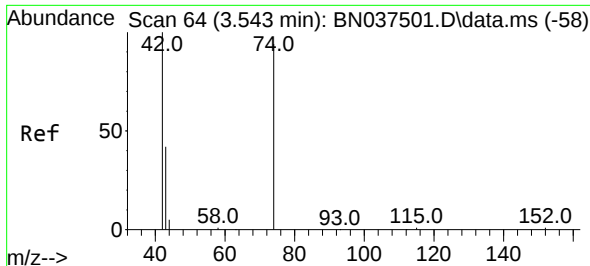


#2
 1,4-Dioxane
 Concen: 3.196 ng
 RT: 3.239 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: BN037537.D
 Acq: 22 Jul 2025 13:52



Tgt Ion: 88 Resp: 6628
 Ion Ratio Lower Upper
 88 100
 43 37.1 27.5 41.3
 58 76.8 62.7 94.1

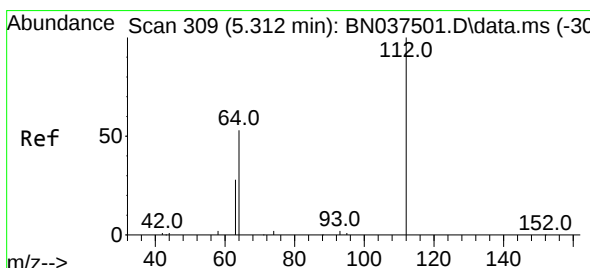
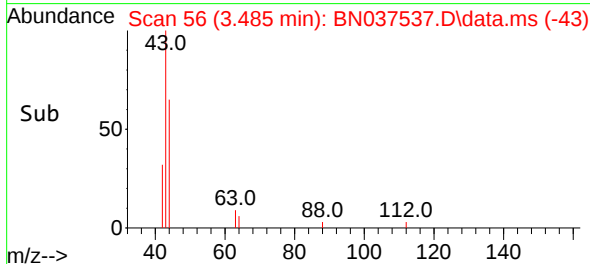
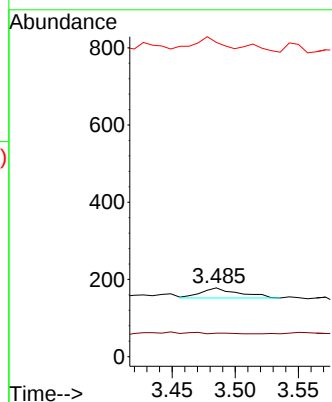
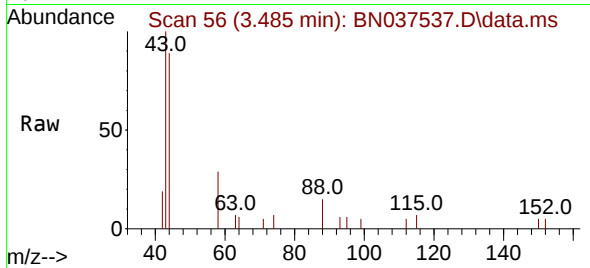




#3
n-Nitrosodimethylamine
Concen: 0.021 ng
RT: 3.485 min Scan# 50
Delta R.T. -0.058 min
Lab File: BN037537.D
Acq: 22 Jul 2025 13:52

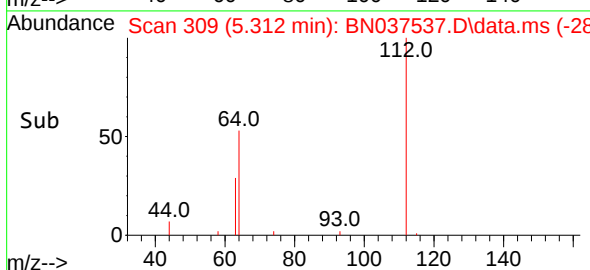
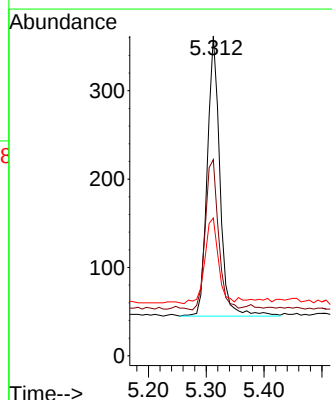
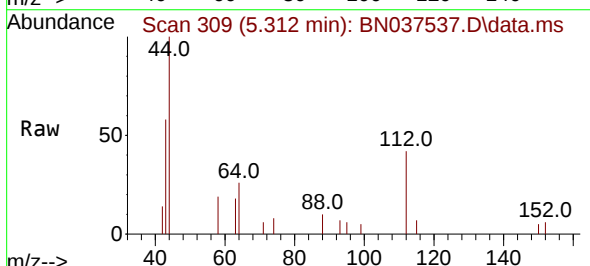
Instrument :
BNA_N
ClientSampleId :

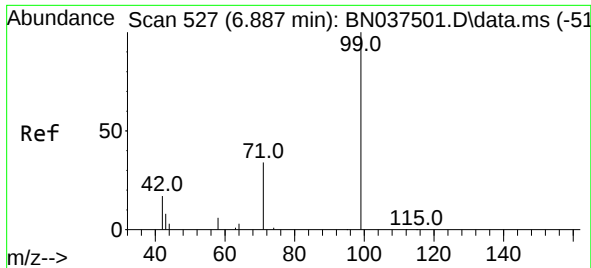
Tgt Ion: 42 Resp: 54
Ion Ratio Lower Upper
42 100
74 0.0 91.8 137.6#
44 55.6 15.0 22.6#



#4
2-Fluorophenol
Concen: 0.091 ng
RT: 5.312 min Scan# 309
Delta R.T. 0.000 min
Lab File: BN037537.D
Acq: 22 Jul 2025 13:52

Tgt Ion: 112 Resp: 483
Ion Ratio Lower Upper
112 100
64 55.9 45.1 67.7
63 32.7 23.8 35.8

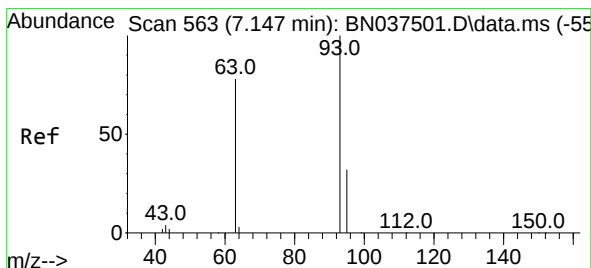
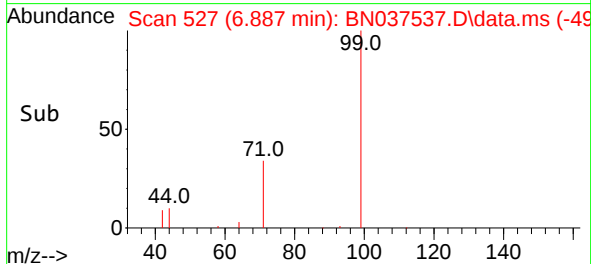
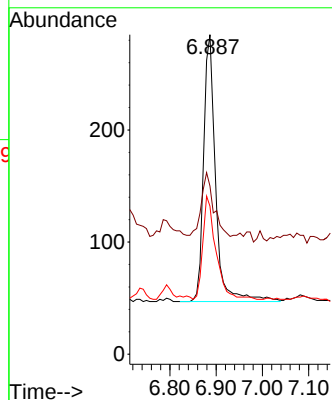
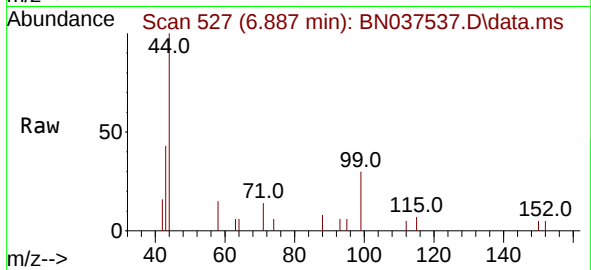




#5
Phenol-d6
Concen: 0.064 ng
RT: 6.887 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN037537.D
Acq: 22 Jul 2025 13:52

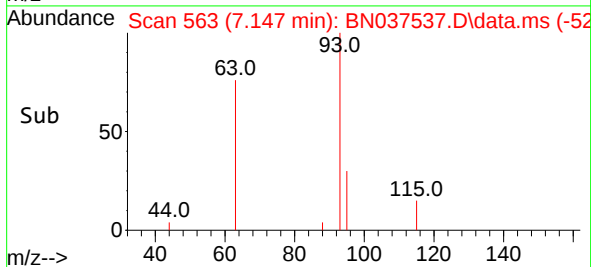
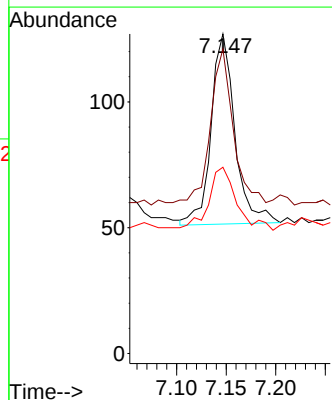
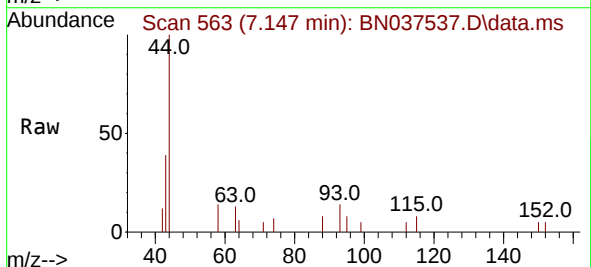
Instrument :
BNA_N
ClientSampleId :

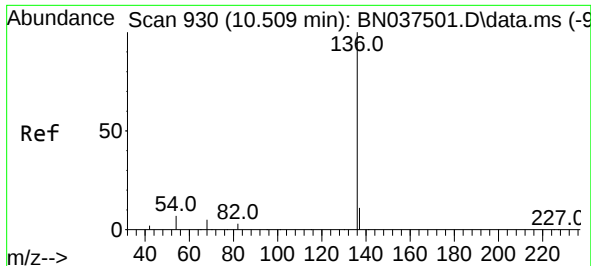
Tgt Ion: 99 Resp: 429
Ion Ratio Lower Upper
99 100
42 24.2 17.1 25.7
71 41.3 27.8 41.8



#6
bis(2-Chloroethyl)ether
Concen: 0.023 ng
RT: 7.147 min Scan# 563
Delta R.T. 0.000 min
Lab File: BN037537.D
Acq: 22 Jul 2025 13:52

Tgt Ion: 93 Resp: 127
Ion Ratio Lower Upper
93 100
63 81.1 58.2 87.4
95 38.6 25.3 37.9#

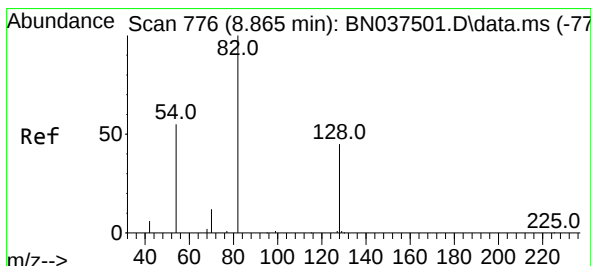
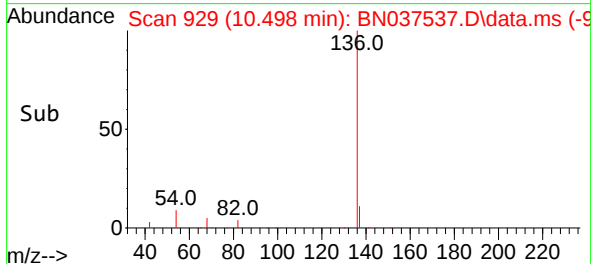
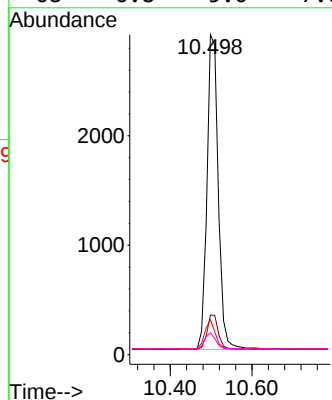
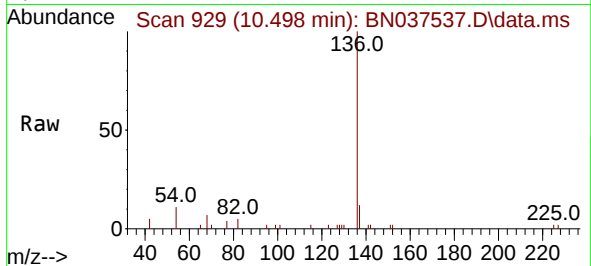




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN037537.D
Acq: 22 Jul 2025 13:52

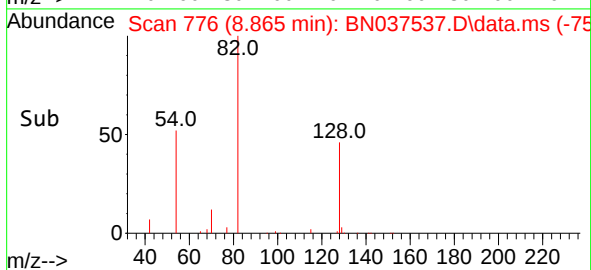
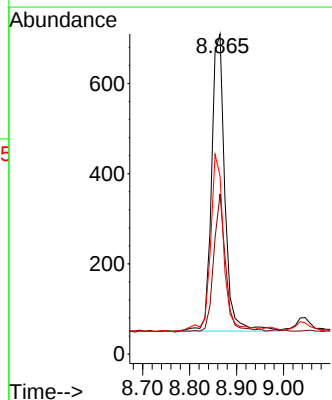
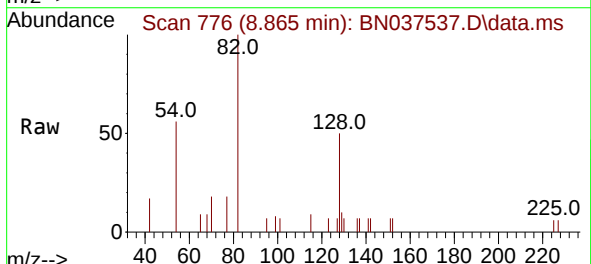
Instrument :
BNA_N
ClientSampleId :

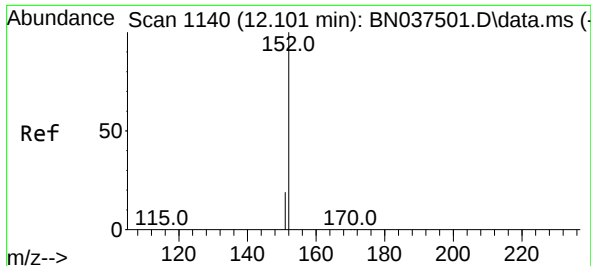
Tgt Ion:	136	Resp:	5570
Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.8	14.8
54	10.9	6.6	9.8#
68	6.8	5.0	7.6



#8
Nitrobenzene-d5
Concen: 0.311 ng
RT: 8.865 min Scan# 776
Delta R.T. 0.000 min
Lab File: BN037537.D
Acq: 22 Jul 2025 13:52

Tgt Ion:	82	Resp:	1293
Ion	Ratio	Lower	Upper
82	100		
128	50.0	37.5	56.3
54	55.6	45.3	67.9

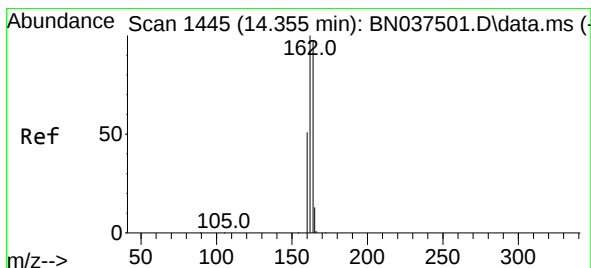
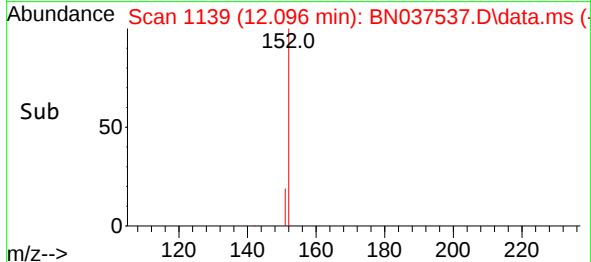
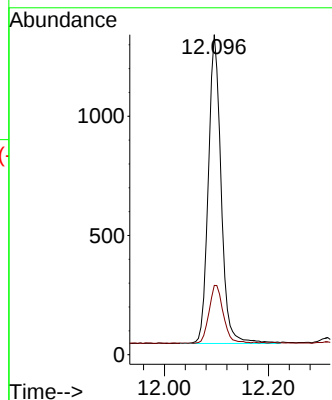
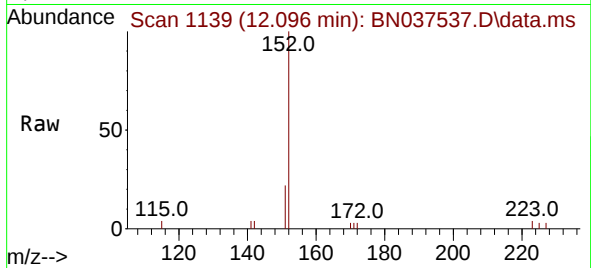




#11
2-Methylnaphthalene-d10
Concen: 0.276 ng
RT: 12.096 min Scan# 1140
Delta R.T. -0.005 min
Lab File: BN037537.D
Acq: 22 Jul 2025 13:52

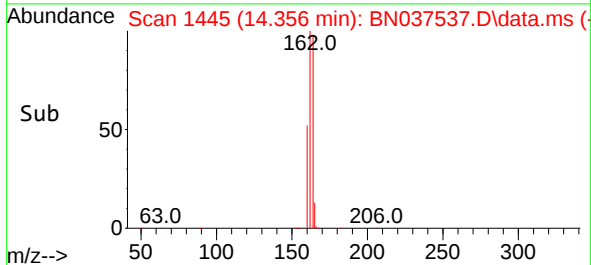
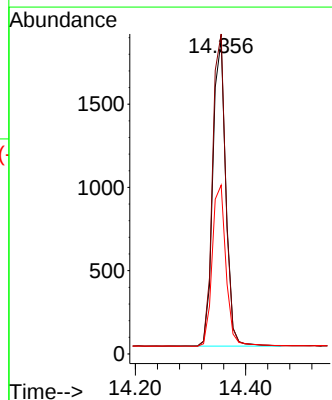
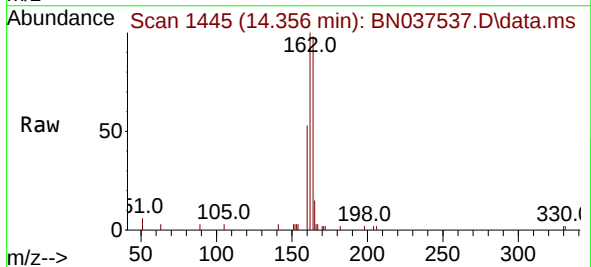
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BNA_N
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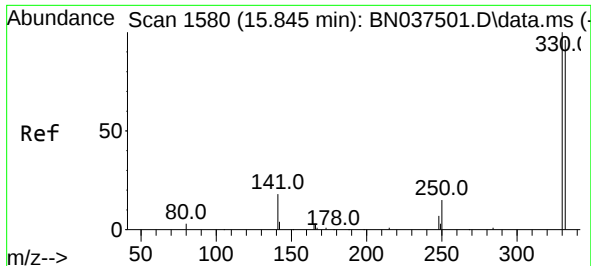
Tgt Ion:152 Resp: 2205
Ion Ratio Lower Upper
152 100
151 21.0 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.356 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BN037537.D
Acq: 22 Jul 2025 13:52

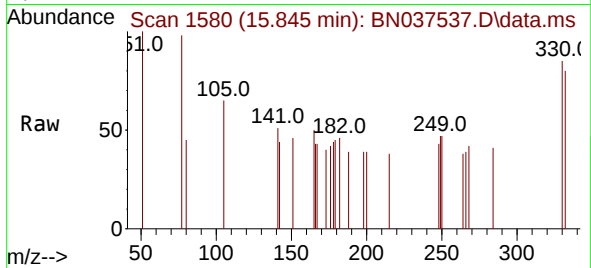
Tgt Ion:164 Resp: 3011
Ion Ratio Lower Upper
164 100
162 101.9 82.0 123.0
160 53.8 42.4 63.6



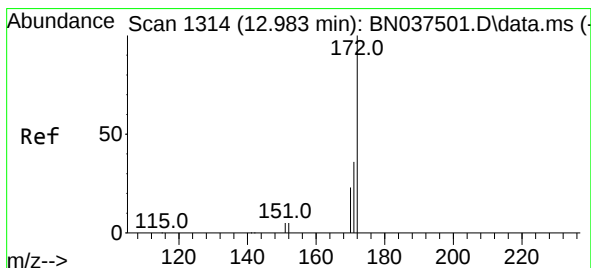
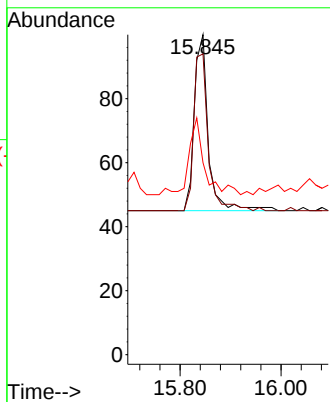
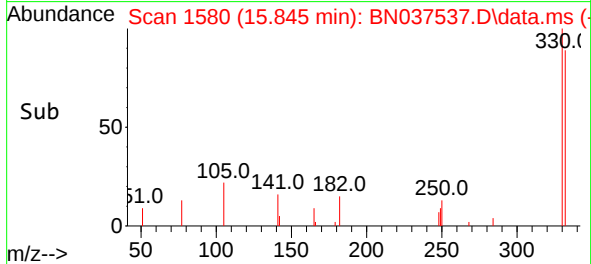


#14
2,4,6-Tribromophenol
Concen: 0.072 ng
RT: 15.845 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BN037537.D
Acq: 22 Jul 2025 13:52

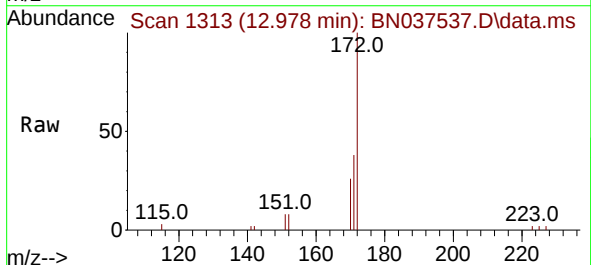
Instrument :
BNA_N
ClientSampleId :



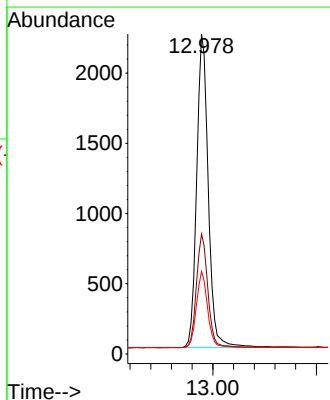
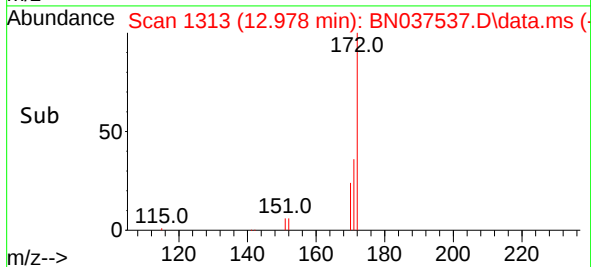
Tgt Ion:330 Resp: 106
Ion Ratio Lower Upper
330 100
332 92.5 76.1 114.1
141 49.1 33.4 50.0

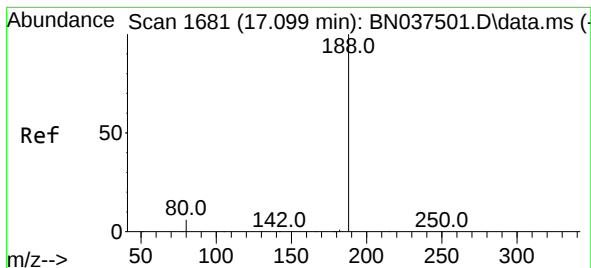


#15
2-Fluorobiphenyl
Concen: 0.319 ng
RT: 12.978 min Scan# 1313
Delta R.T. -0.005 min
Lab File: BN037537.D
Acq: 22 Jul 2025 13:52



Tgt Ion:172 Resp: 4999
Ion Ratio Lower Upper
172 100
171 37.5 29.4 44.2
170 25.8 19.4 29.0





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.087 min Scan# 1

Delta R.T. -0.012 min

Lab File: BN037537.D

Acq: 22 Jul 2025 13:52

Instrument :

BNA_N

ClientSampleId :

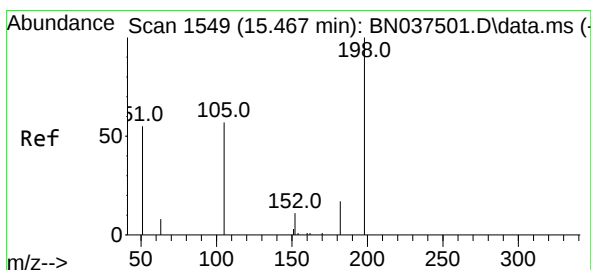
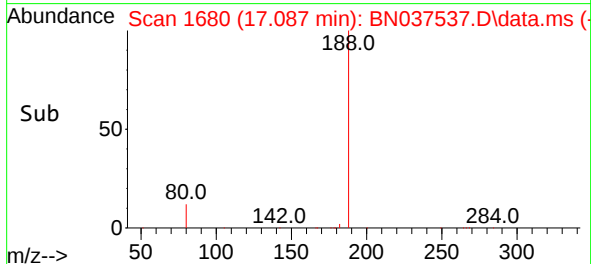
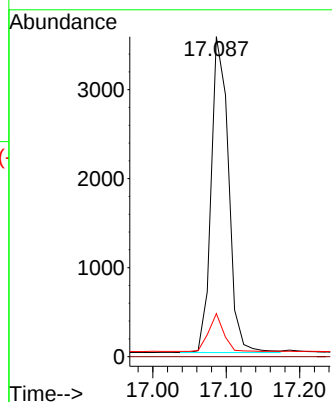
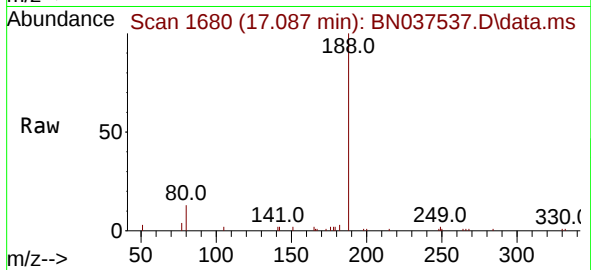
Tgt Ion:188 Resp: 5819

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.4 6.0 9.0#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.105 ng

RT: 15.478 min Scan# 1550

Delta R.T. 0.011 min

Lab File: BN037537.D

Acq: 22 Jul 2025 13:52

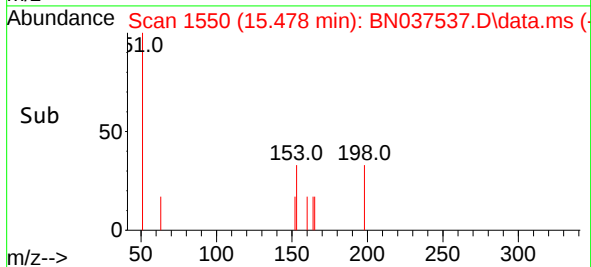
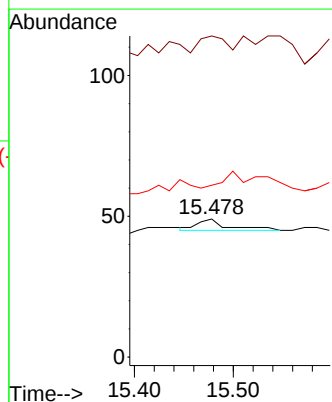
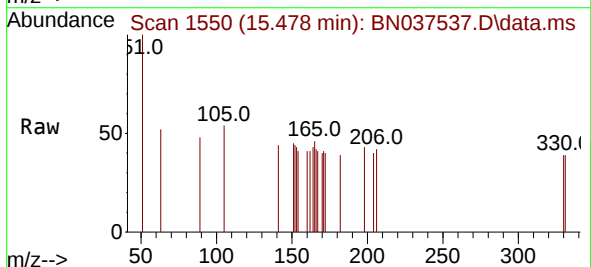
Tgt Ion:198 Resp: 9

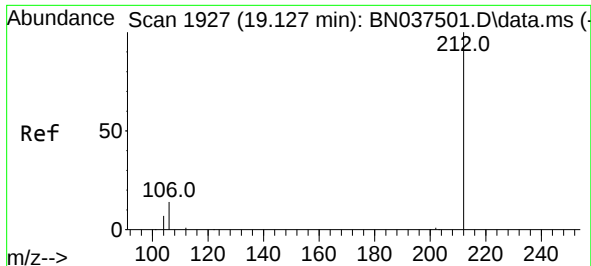
Ion Ratio Lower Upper

198 100

51 232.7 88.5 132.7#

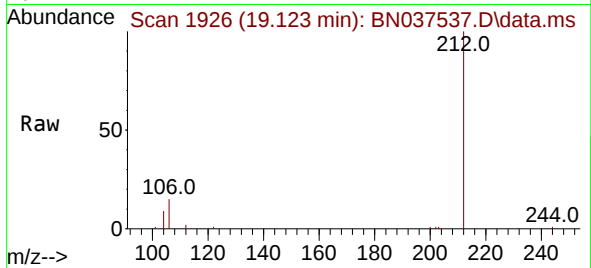
105 124.5 61.2 91.8#



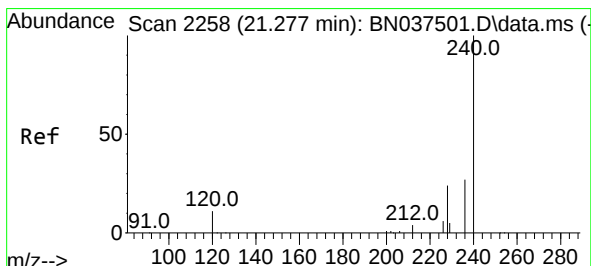
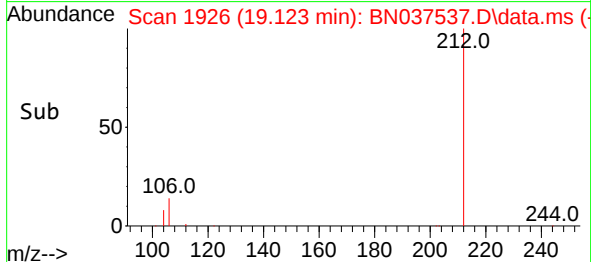
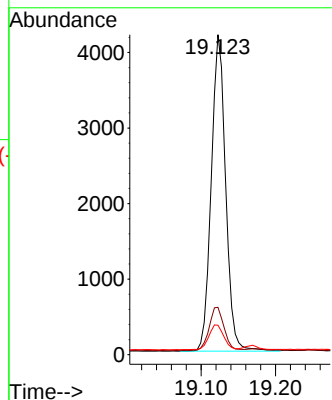


#27
Fluoranthene-d10
Concen: 0.365 ng
RT: 19.123 min Scan# 1926
Delta R.T. -0.005 min
Lab File: BN037537.D
Acq: 22 Jul 2025 13:52

Instrument :
BNA_N
ClientSampleId :

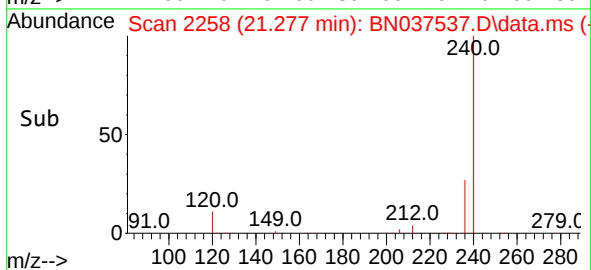
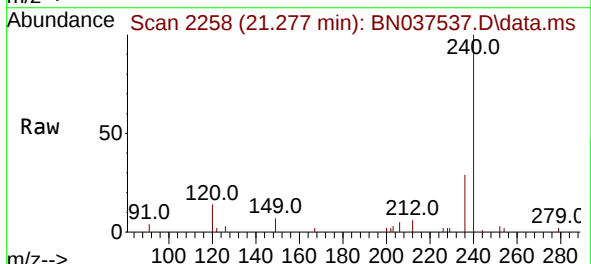
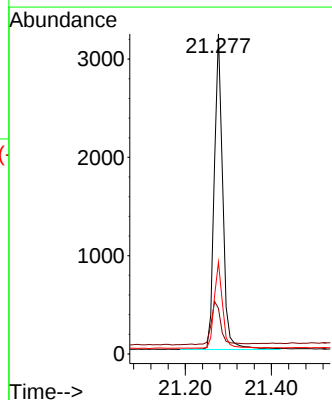


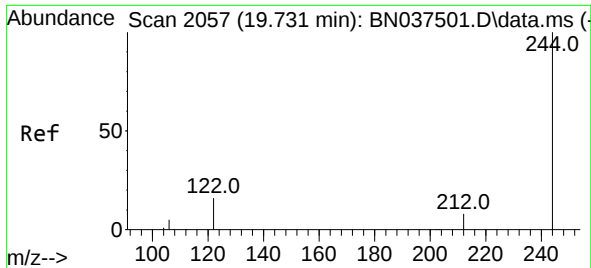
Tgt Ion:212 Resp: 5622
Ion Ratio Lower Upper
212 100
106 14.2 12.2 18.4
104 8.1 6.7 10.1



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 2258
Delta R.T. 0.000 min
Lab File: BN037537.D
Acq: 22 Jul 2025 13:52

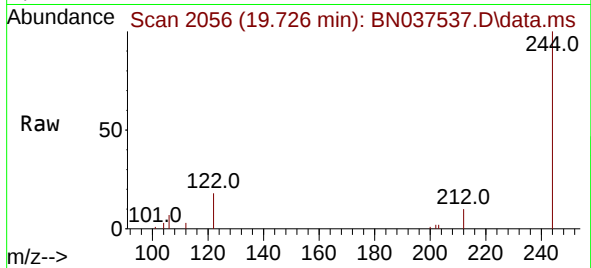
Tgt Ion:240 Resp: 4394
Ion Ratio Lower Upper
240 100
120 14.2 10.7 16.1
236 28.7 22.6 33.8



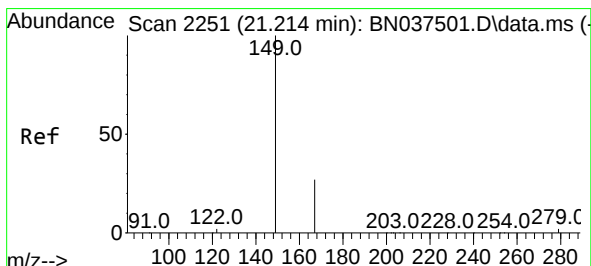
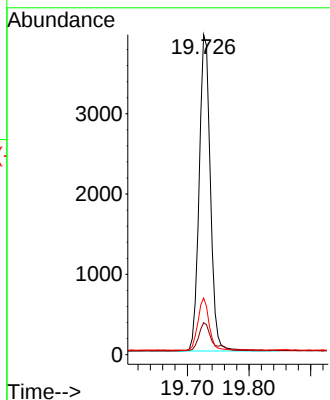
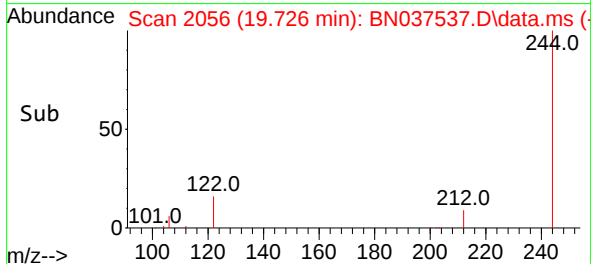


#31
 Terphenyl-d14
 Concen: 0.528 ng
 RT: 19.726 min Scan# 2056
 Delta R.T. -0.005 min
 Lab File: BN037537.D
 Acq: 22 Jul 2025 13:52

Instrument :
 BNA_N
 ClientSampleId :

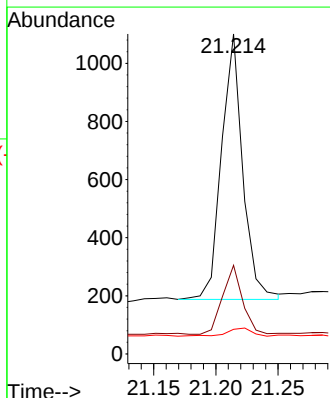
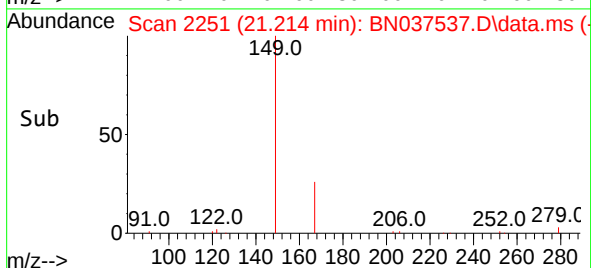
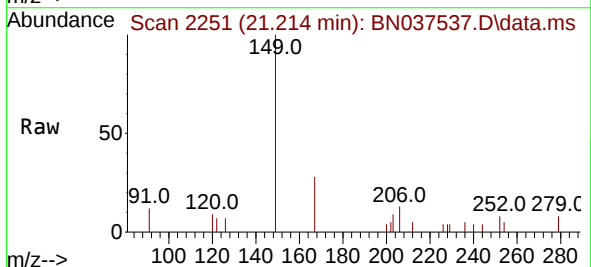


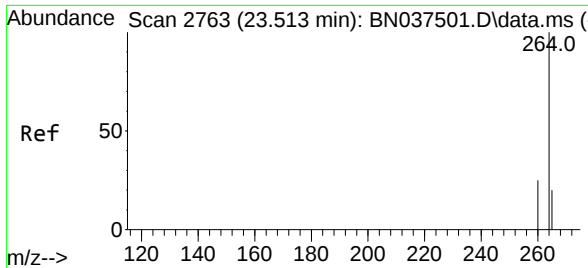
Tgt Ion:244 Resp: 4981
 Ion Ratio Lower Upper
 244 100
 212 10.0 7.4 11.2
 122 17.7 13.6 20.4



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.157 ng
 RT: 21.214 min Scan# 2251
 Delta R.T. 0.000 min
 Lab File: BN037537.D
 Acq: 22 Jul 2025 13:52

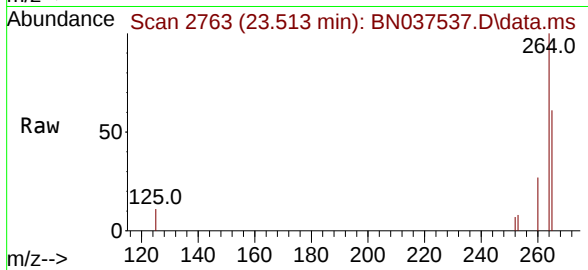
Tgt Ion:149 Resp: 1085
 Ion Ratio Lower Upper
 149 100
 167 24.2 21.8 32.8
 279 3.6 3.0 4.4





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.513 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN037537.D
Acq: 22 Jul 2025 13:52

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:264 Resp: 3754
Ion Ratio Lower Upper
264 100
260 27.1 21.2 31.8
265 61.4 40.4 60.6#

