

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072225\
 Data File : BN037542.D
 Acq On : 22 Jul 2025 16:53
 Operator : RC/JU
 Sample : Q2644-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 22 17:26:08 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)

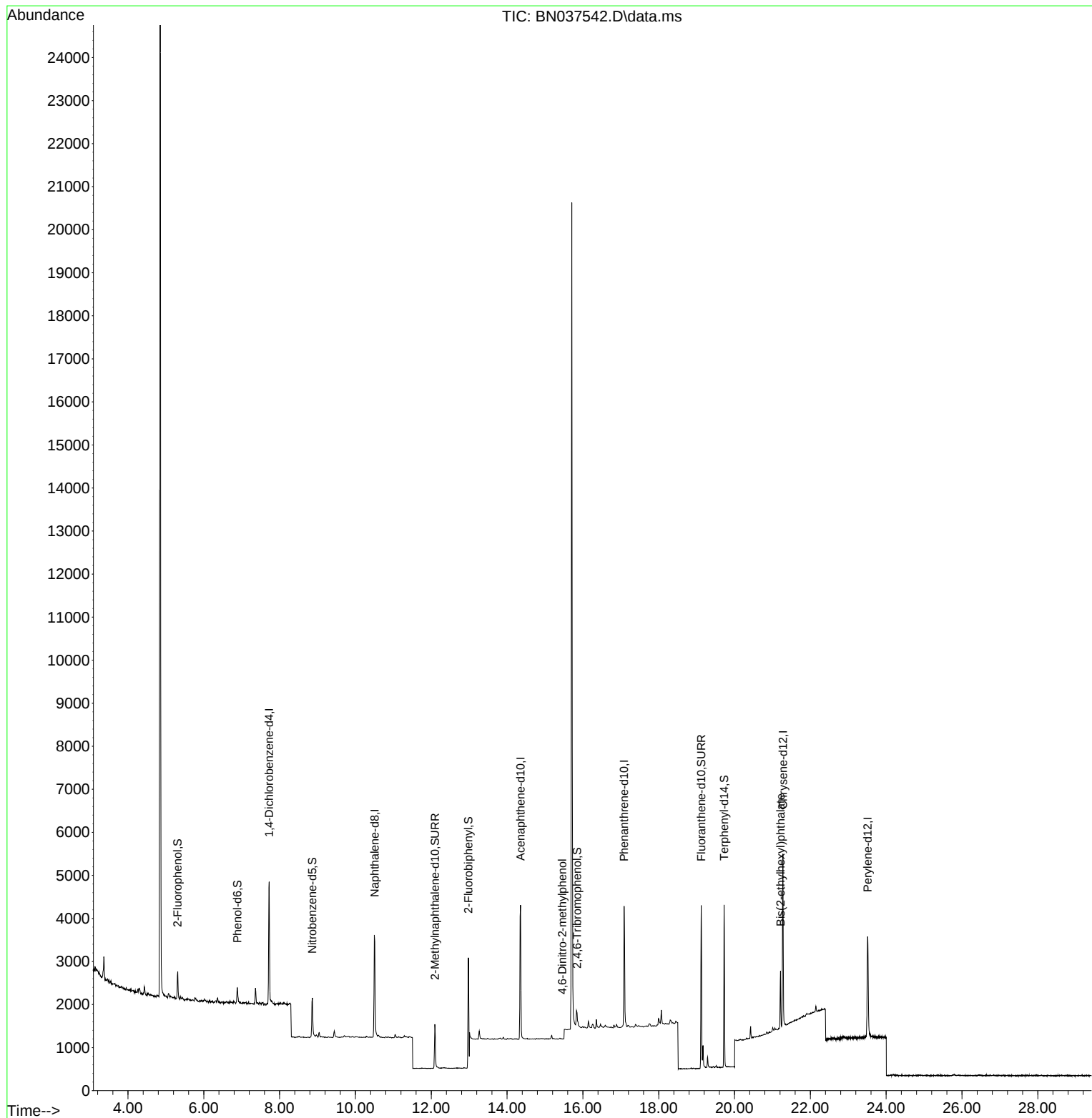
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	1486	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	3623	0.400	ng	0.00
13) Acenaphthene-d10	14.355	164	1895	0.400	ng	0.00
19) Phenanthrene-d10	17.086	188	4067	0.400	ng	#-0.01
29) Chrysene-d12	21.277	240	3787	0.400	ng	0.00
35) Perylene-d12	23.513	264	3407	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	483	0.131	ng	0.00
5) Phenol-d6	6.886	99	372	0.081	ng	0.00
8) Nitrobenzene-d5	8.864	82	870	0.321	ng	0.00
11) 2-Methylnaphthalene-d10	12.096	152	1554	0.299	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	247	0.265	ng	0.00
15) 2-Fluorobiphenyl	12.978	172	3633	0.369	ng	0.00
27) Fluoranthene-d10	19.122	212	4249	0.394	ng	0.00
31) Terphenyl-d14	19.726	244	3527	0.433	ng	0.00
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylph...	15.457	198	1	0.095	ng	# 33
34) Bis(2-ethylhexyl)phtha...	21.214	149	1318	0.221	ng	97

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

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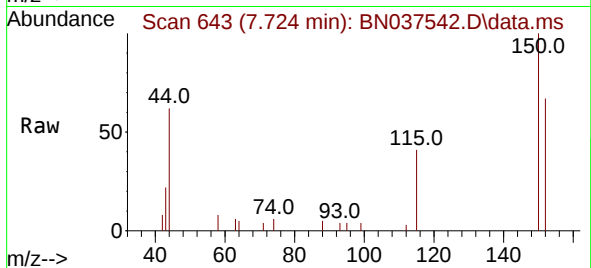
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



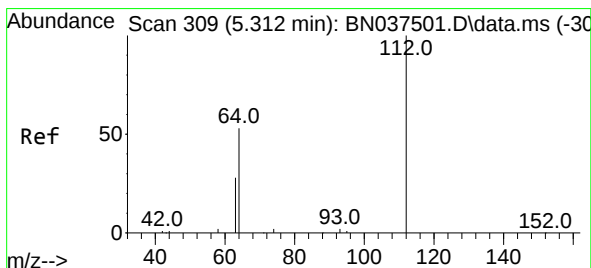
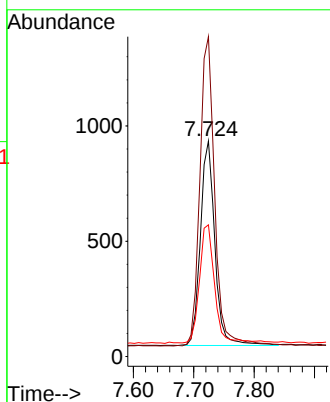
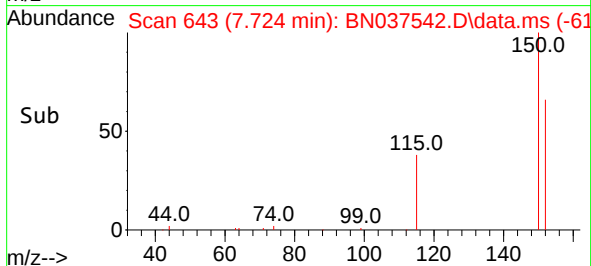


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN037542.D
 Acq: 22 Jul 2025 16:53

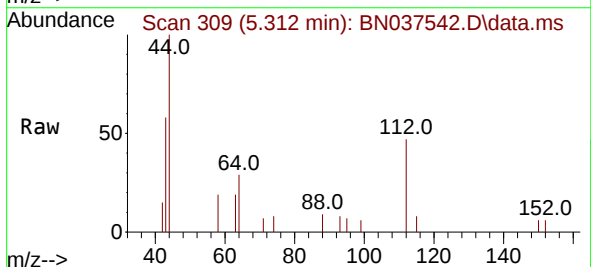
Instrument :
 BNA_N
 ClientSampleId :



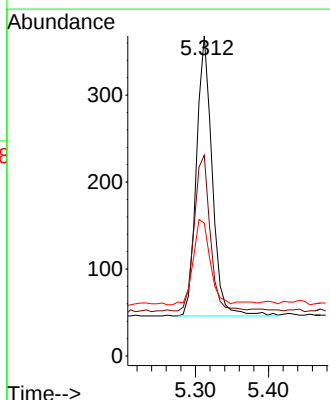
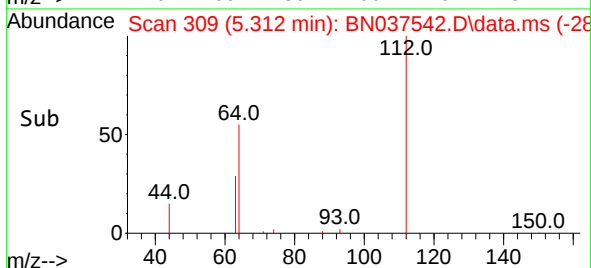
Tgt Ion:152 Resp: 1486
 Ion Ratio Lower Upper
 152 100
 150 148.3 119.8 179.8
 115 61.1 49.1 73.7

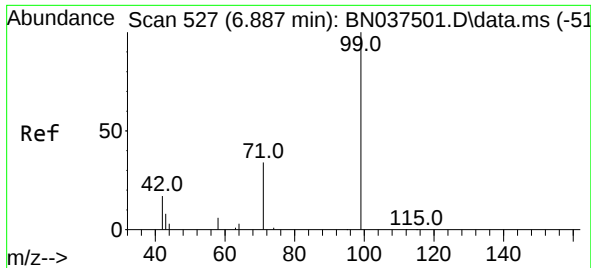


#4
 2-Fluorophenol
 Concen: 0.131 ng
 RT: 5.312 min Scan# 309
 Delta R.T. -0.000 min
 Lab File: BN037542.D
 Acq: 22 Jul 2025 16:53



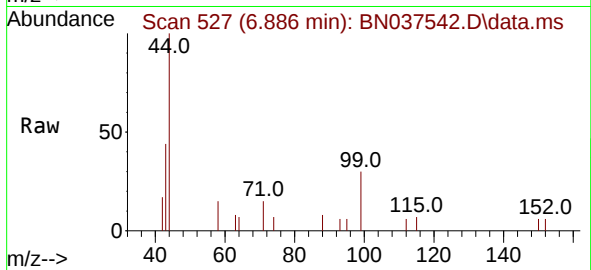
Tgt Ion:112 Resp: 483
 Ion Ratio Lower Upper
 112 100
 64 57.3 45.1 67.7
 63 32.3 23.8 35.8



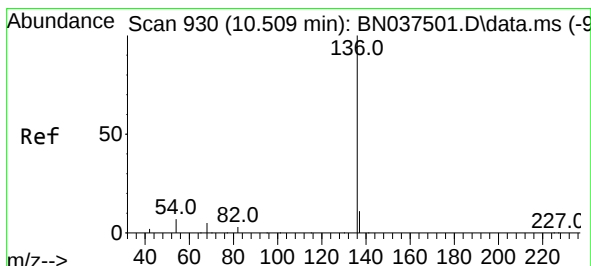
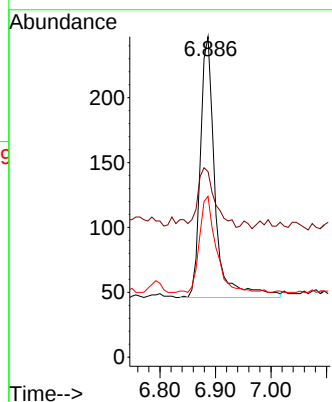
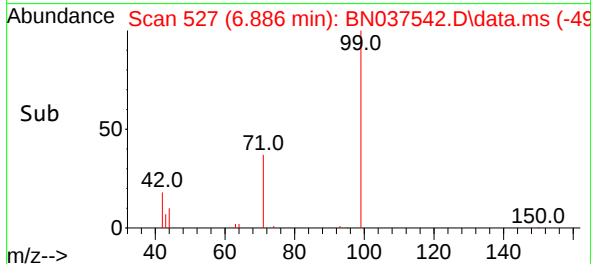


#5
Phenol-d6
Concen: 0.081 ng
RT: 6.886 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN037542.D
Acq: 22 Jul 2025 16:53

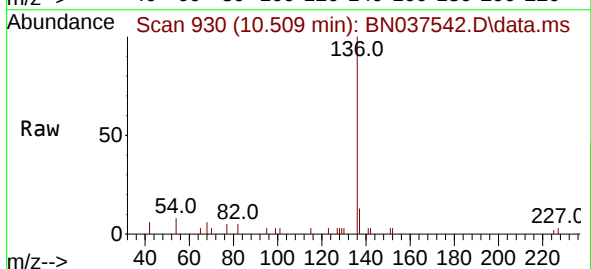
Instrument :
BNA_N
ClientSampleId :



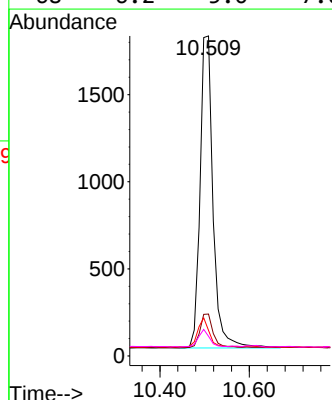
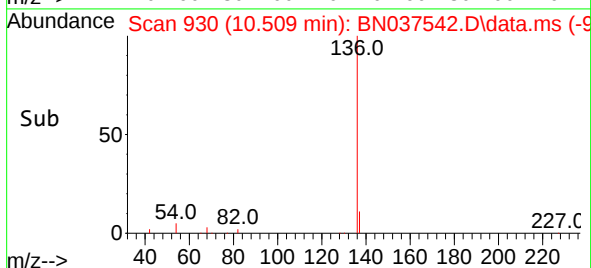
Tgt Ion: 99 Resp: 372
Ion Ratio Lower Upper
99 100
42 26.1 17.1 25.7#
71 41.1 27.8 41.8

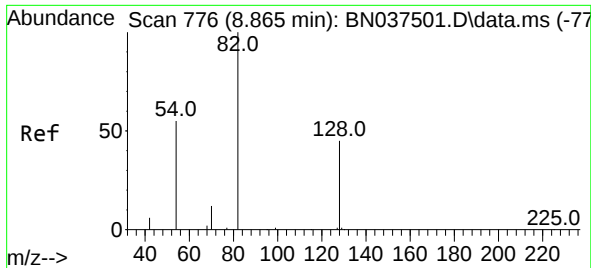


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 930
Delta R.T. -0.000 min
Lab File: BN037542.D
Acq: 22 Jul 2025 16:53



Tgt Ion: 136 Resp: 3623
Ion Ratio Lower Upper
136 100
137 13.1 9.8 14.8
54 8.0 6.6 9.8
68 6.2 5.0 7.6

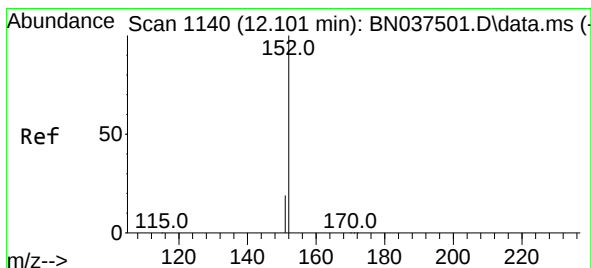
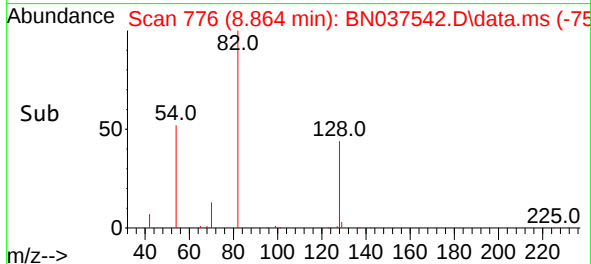
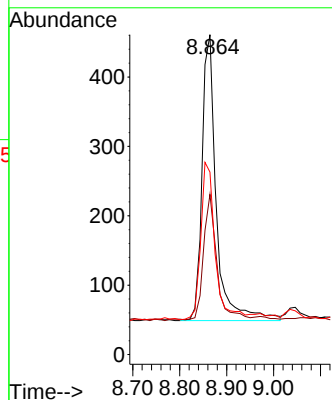
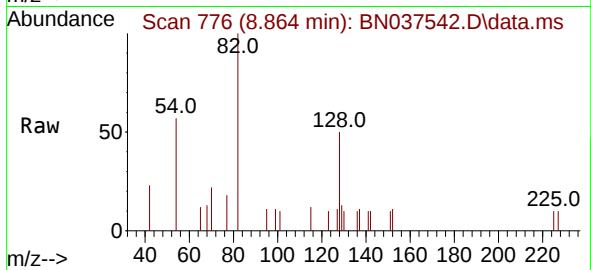




#8
 Nitrobenzene-d5
 Concen: 0.321 ng
 RT: 8.864 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BN037542.D
 Acq: 22 Jul 2025 16:53

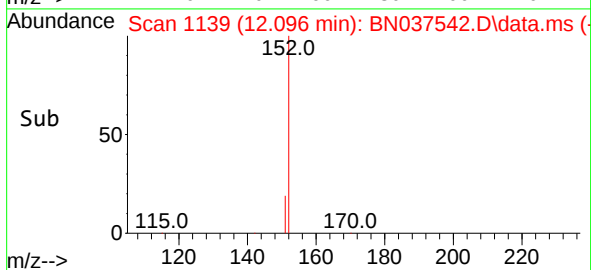
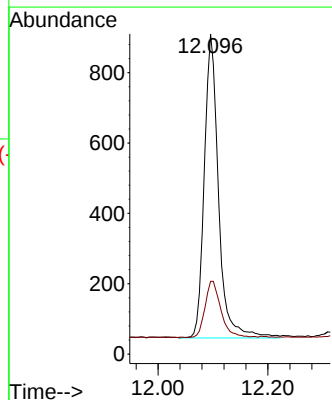
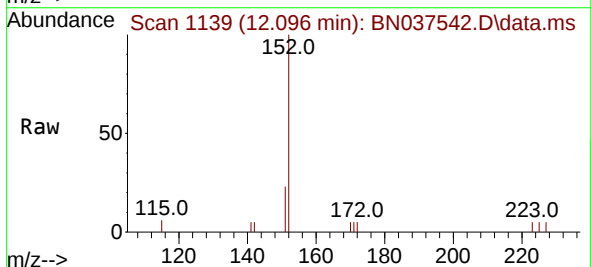
Instrument :
 BNA_N
 ClientSampleId :

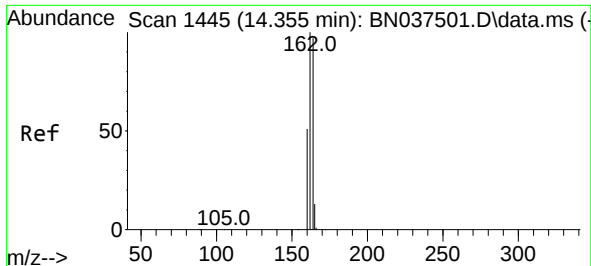
Tgt Ion: 82 Resp: 870
 Ion Ratio Lower Upper
 82 100
 128 50.1 37.5 56.3
 54 57.0 45.3 67.9



#11
 2-Methylnaphthalene-d10
 Concen: 0.299 ng
 RT: 12.096 min Scan# 1139
 Delta R.T. -0.005 min
 Lab File: BN037542.D
 Acq: 22 Jul 2025 16:53

Tgt Ion: 152 Resp: 1554
 Ion Ratio Lower Upper
 152 100
 151 20.8 16.8 25.2

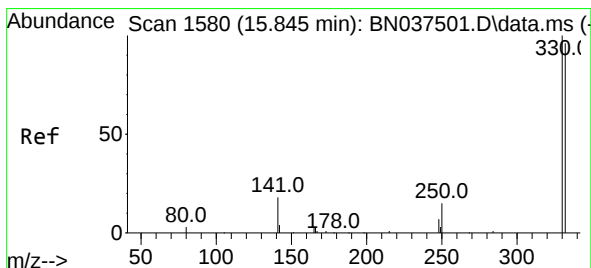
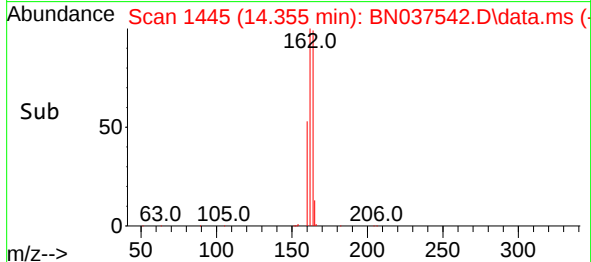
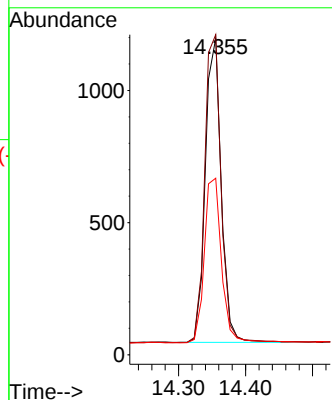
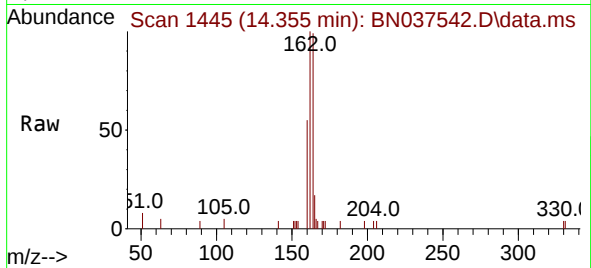




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.355 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BN037542.D
Acq: 22 Jul 2025 16:53

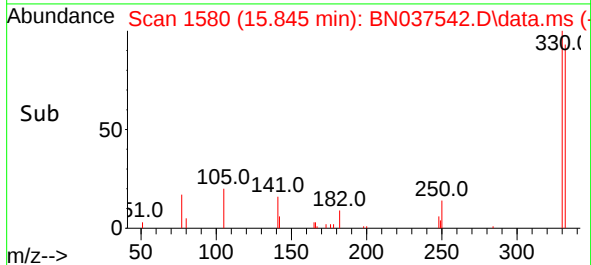
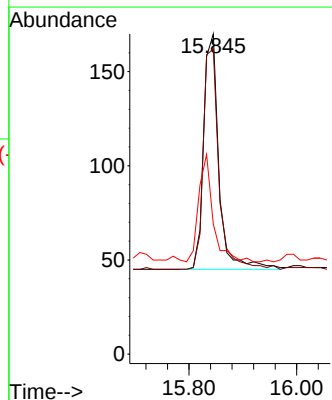
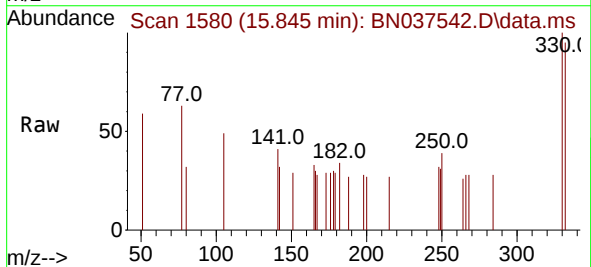
Instrument :
BNA_N
ClientSampleId :

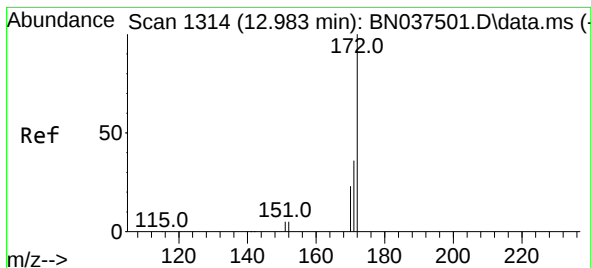
Tgt Ion:164 Resp: 1895
Ion Ratio Lower Upper
164 100
162 101.1 82.0 123.0
160 55.8 42.4 63.6



#14
2,4,6-Tribromophenol
Concen: 0.265 ng
RT: 15.845 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BN037542.D
Acq: 22 Jul 2025 16:53

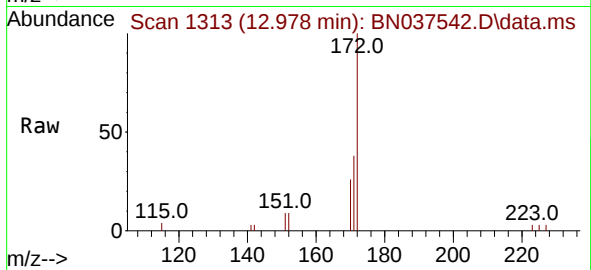
Tgt Ion:330 Resp: 247
Ion Ratio Lower Upper
330 100
332 95.5 76.1 114.1
141 42.9 33.4 50.0



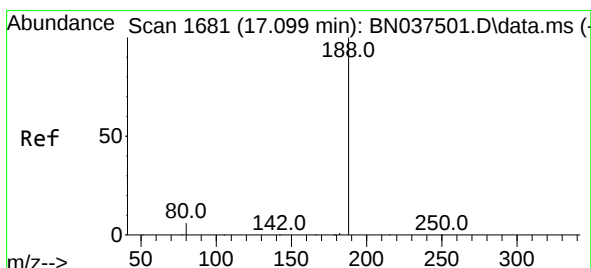
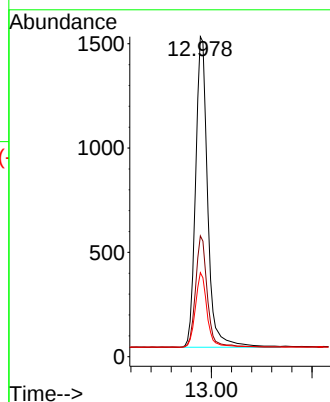
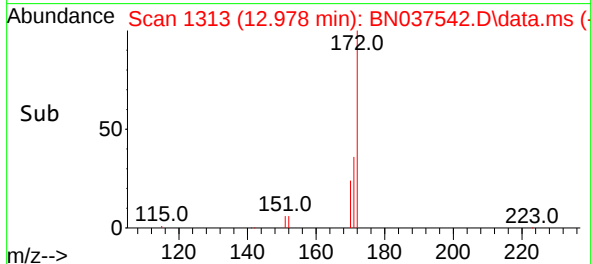


#15
2-Fluorobiphenyl
Concen: 0.369 ng
RT: 12.978 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN037542.D
Acq: 22 Jul 2025 16:53

Instrument :
BNA_N
ClientSampleId :

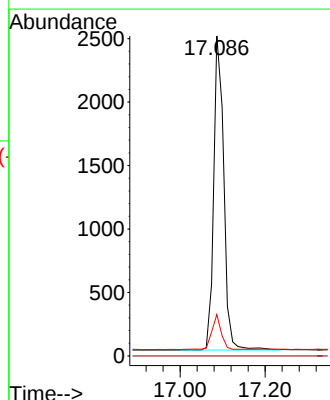
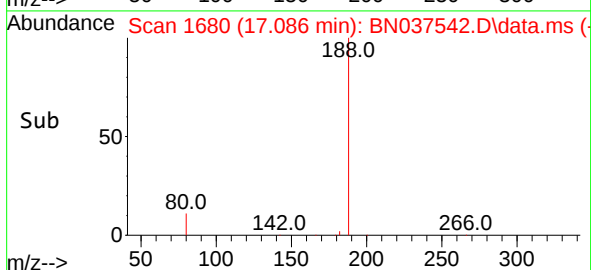
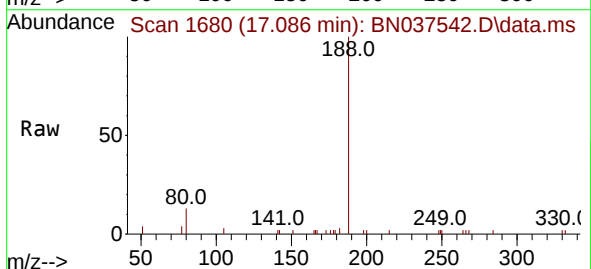


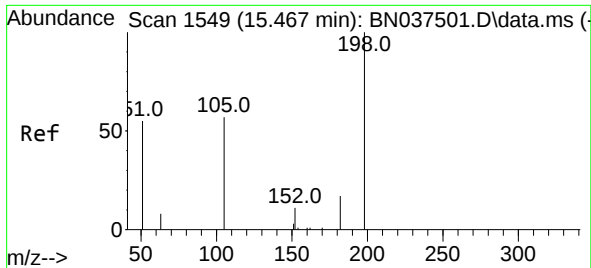
Tgt Ion:172 Resp: 3633
Ion Ratio Lower Upper
172 100
171 37.7 29.4 44.2
170 26.3 19.4 29.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1680
Delta R.T. -0.013 min
Lab File: BN037542.D
Acq: 22 Jul 2025 16:53

Tgt Ion:188 Resp: 4067
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.9 6.0 9.0#

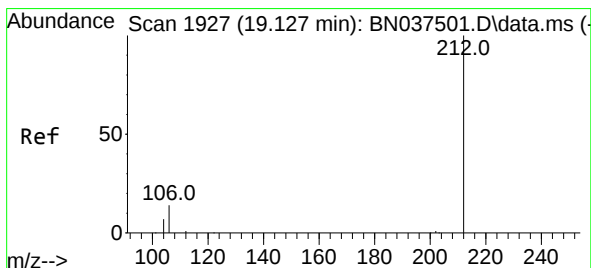
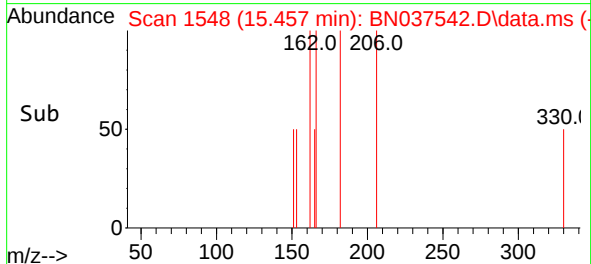
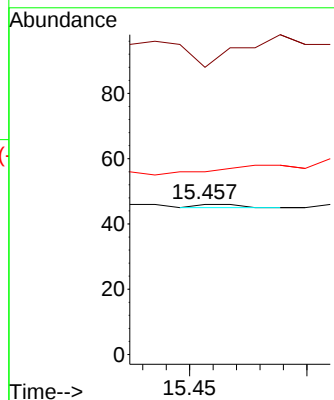
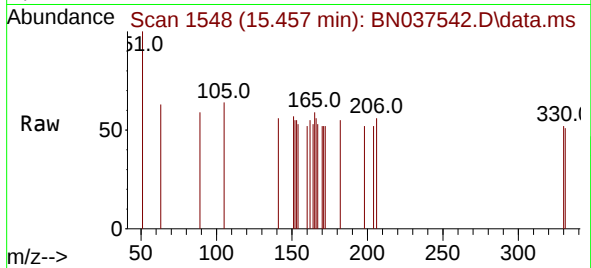




#20
4,6-Dinitro-2-methylphenol
Concen: 0.095 ng
RT: 15.457 min Scan# 1548
Delta R.T. -0.010 min
Lab File: BN037542.D
Acq: 22 Jul 2025 16:53

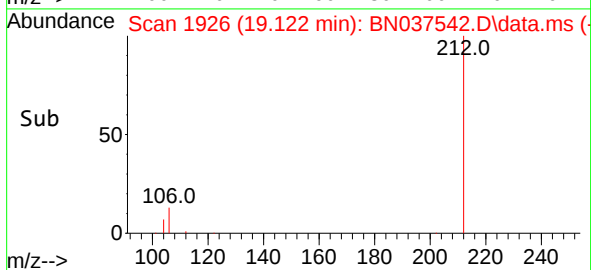
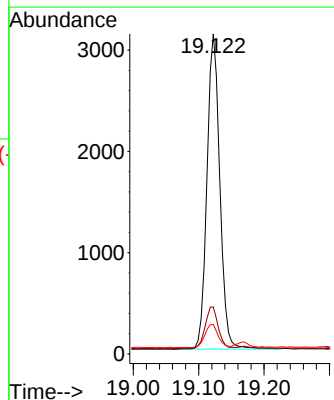
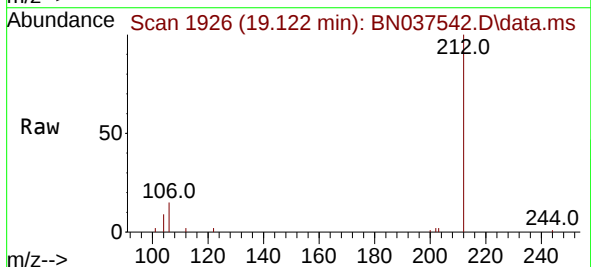
Instrument :
BNA_N
ClientSampleId :

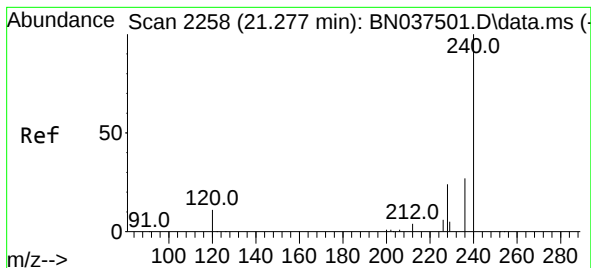
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 191.3 88.5 132.7#
105 121.7 61.2 91.8#



#27
Fluoranthene-d10
Concen: 0.394 ng
RT: 19.122 min Scan# 1926
Delta R.T. -0.005 min
Lab File: BN037542.D
Acq: 22 Jul 2025 16:53

Tgt Ion:212 Resp: 4249
Ion Ratio Lower Upper
212 100
106 13.4 12.2 18.4
104 7.5 6.7 10.1





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.277 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN037542.D

Acq: 22 Jul 2025 16:53

Instrument :

BNA_N

ClientSampleId :

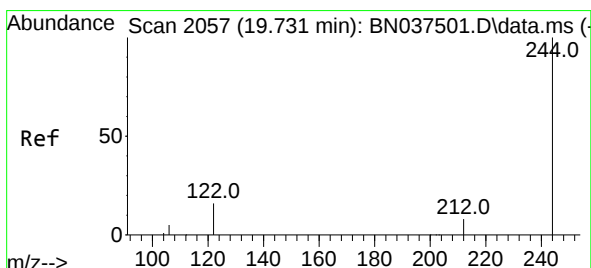
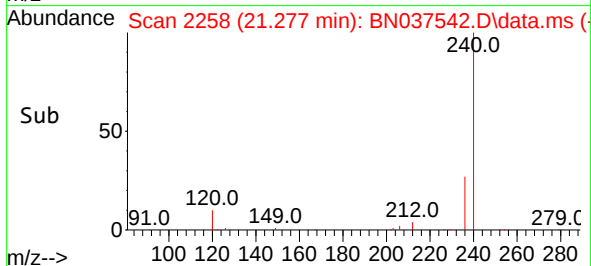
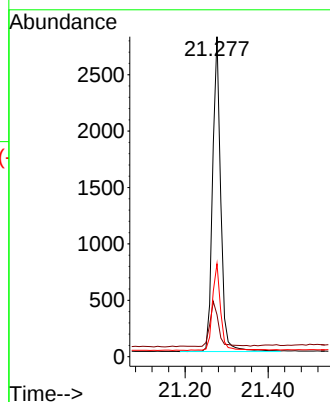
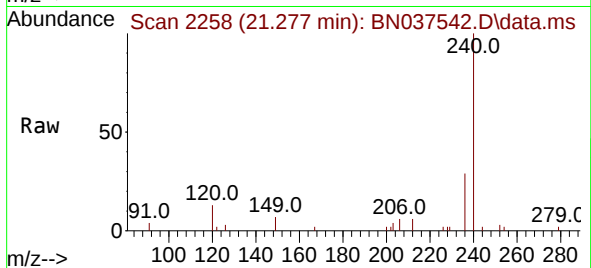
Tgt Ion:240 Resp: 3787

Ion Ratio Lower Upper

240 100

120 13.1 10.7 16.1

236 29.0 22.6 33.8



#31

Terphenyl-d14

Concen: 0.433 ng

RT: 19.726 min Scan# 2056

Delta R.T. -0.005 min

Lab File: BN037542.D

Acq: 22 Jul 2025 16:53

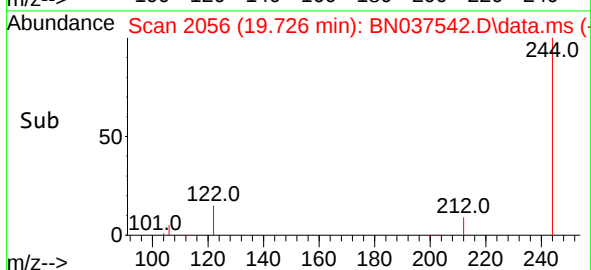
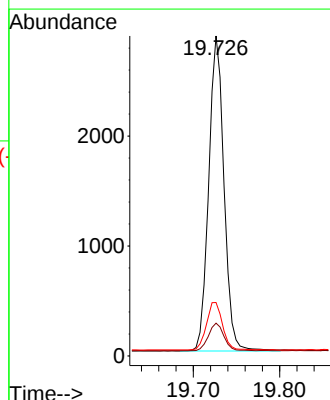
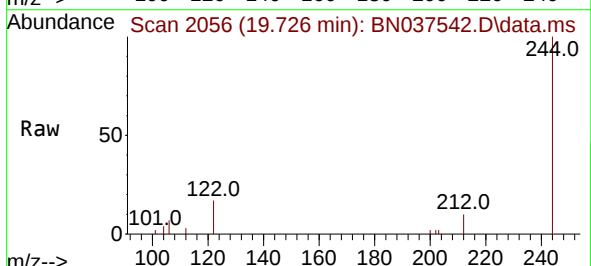
Tgt Ion:244 Resp: 3527

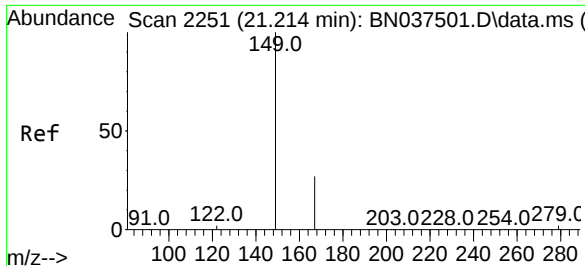
Ion Ratio Lower Upper

244 100

212 10.3 7.4 11.2

122 16.7 13.6 20.4

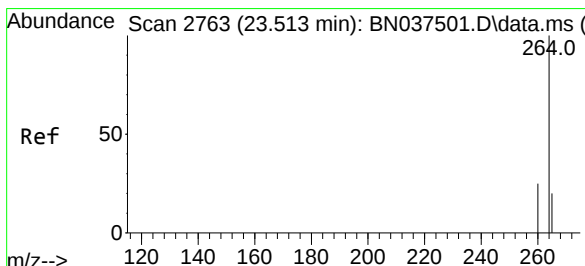
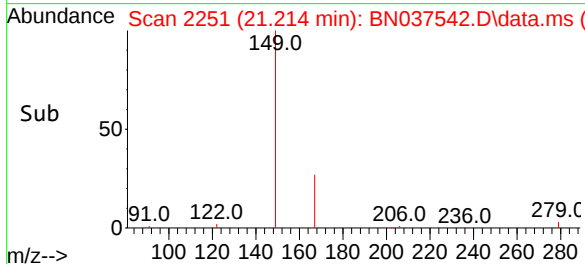
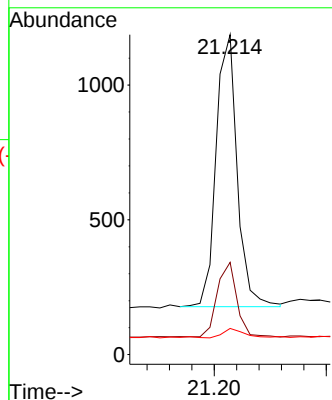
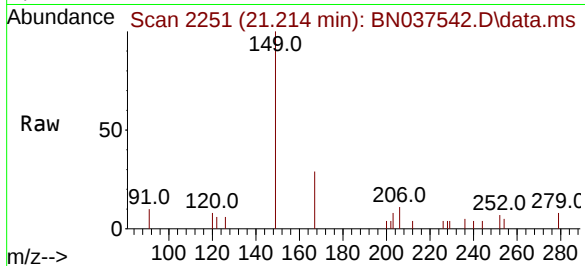




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.221 ng
 RT: 21.214 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN037542.D
 Acq: 22 Jul 2025 16:53

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:149 Resp: 1318
 Ion Ratio Lower Upper
 149 100
 167 25.6 21.8 32.8
 279 3.5 3.0 4.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.513 min Scan# 2763
 Delta R.T. -0.000 min
 Lab File: BN037542.D
 Acq: 22 Jul 2025 16:53

Tgt Ion:264 Resp: 3407
 Ion Ratio Lower Upper
 264 100
 260 27.3 21.2 31.8
 265 62.0 40.4 60.6#

