

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072225\
 Data File : BN037540.D
 Acq On : 22 Jul 2025 15:40
 Operator : RC/JU
 Sample : Q2643-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 22 16:10:36 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)

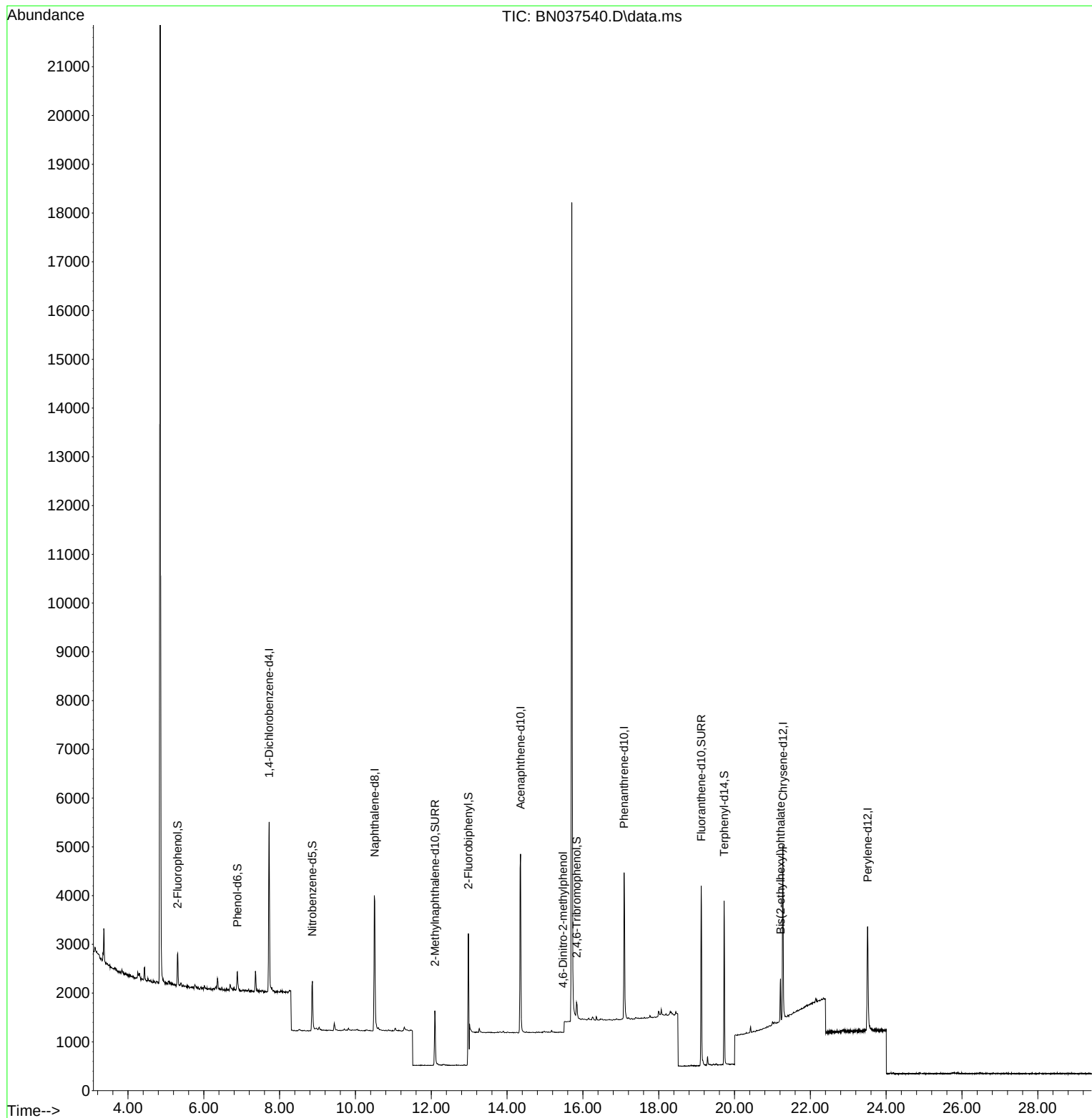
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	1802	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	4415	0.400	ng	0.00
13) Acenaphthene-d10	14.356	164	2297	0.400	ng	0.00
19) Phenanthrene-d10	17.087	188	4425	0.400	ng	#-0.01
29) Chrysene-d12	21.277	240	3605	0.400	ng	0.00
35) Perylene-d12	23.511	264	3019	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	552	0.124	ng	0.00
5) Phenol-d6	6.887	99	374	0.067	ng	0.00
8) Nitrobenzene-d5	8.865	82	988	0.299	ng	0.00
11) 2-Methylnaphthalene-d10	12.096	152	1712	0.270	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	214	0.190	ng	-0.01
15) 2-Fluorobiphenyl	12.978	172	3547	0.297	ng	0.00
27) Fluoranthene-d10	19.122	212	4242	0.362	ng	0.00
31) Terphenyl-d14	19.726	244	3278	0.423	ng	0.00
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylph...	15.478	198	3	0.098	ng	# 26
34) Bis(2-ethylhexyl)phtha...	21.214	149	909	0.160	ng	98

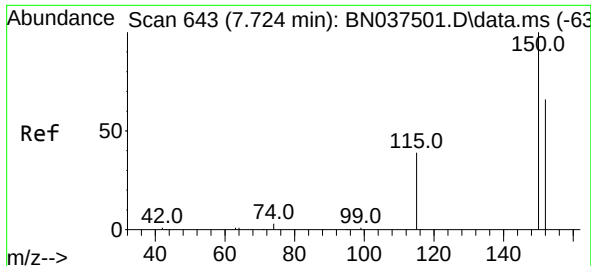
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072225\
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BNA_N
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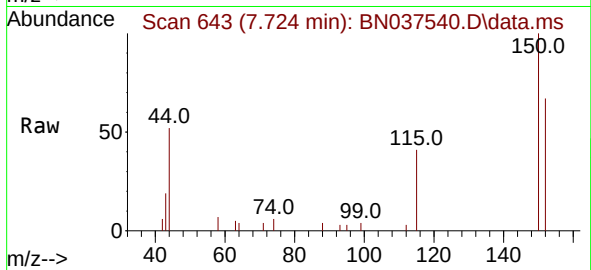
Quant Time: Jul 22 16:10:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 19 01:46:16 2025
Response via : Initial Calibration



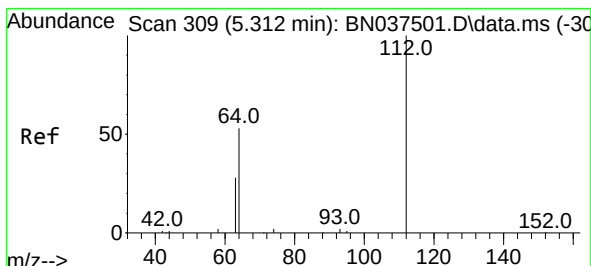
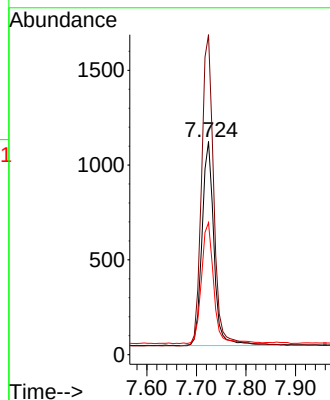
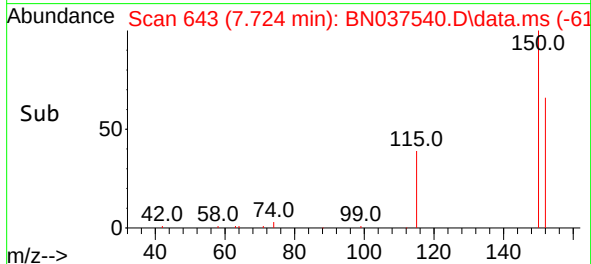


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 643
 Delta R.T. 0.000 min
 Lab File: BN037540.D
 Acq: 22 Jul 2025 15:40

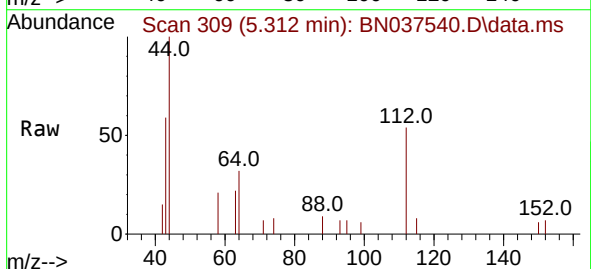
Instrument :
 BNA_N
 ClientSampleId :



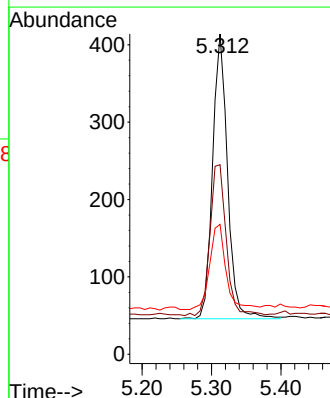
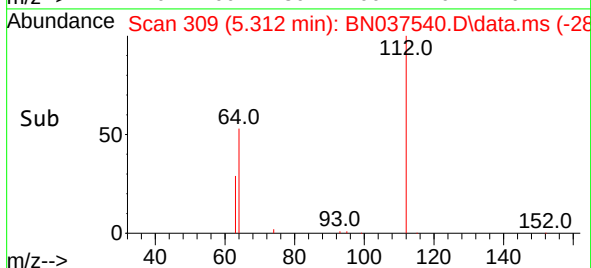
Tgt Ion:152 Resp: 1802
 Ion Ratio Lower Upper
 152 100
 150 150.2 119.8 179.8
 115 61.9 49.1 73.7

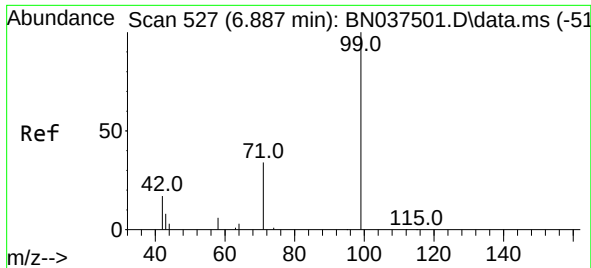


#4
 2-Fluorophenol
 Concen: 0.124 ng
 RT: 5.312 min Scan# 309
 Delta R.T. 0.000 min
 Lab File: BN037540.D
 Acq: 22 Jul 2025 15:40



Tgt Ion:112 Resp: 552
 Ion Ratio Lower Upper
 112 100
 64 57.8 45.1 67.7
 63 32.4 23.8 35.8

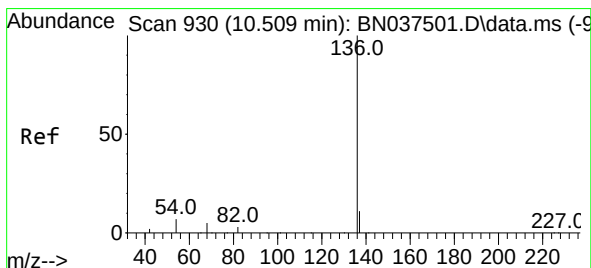
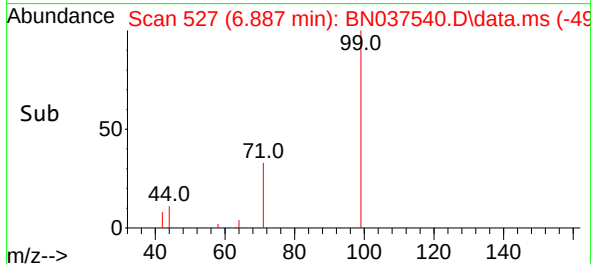
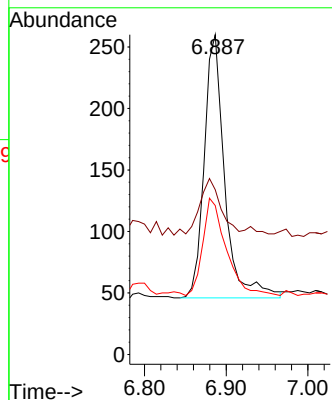
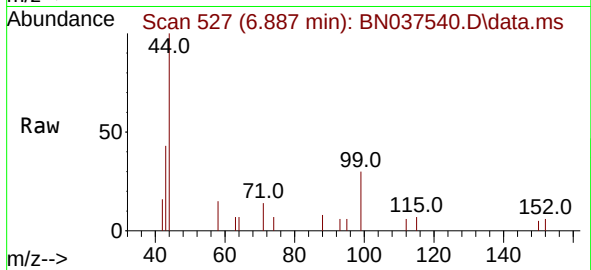




#5
Phenol-d6
Concen: 0.067 ng
RT: 6.887 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN037540.D
Acq: 22 Jul 2025 15:40

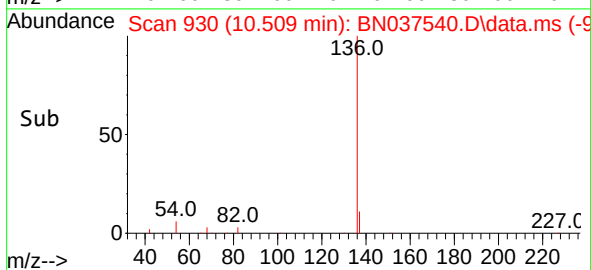
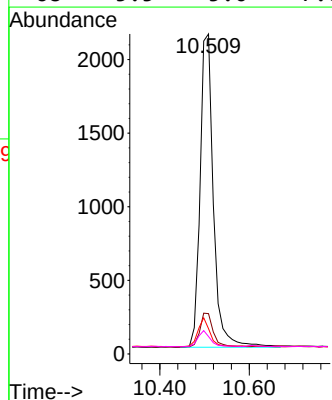
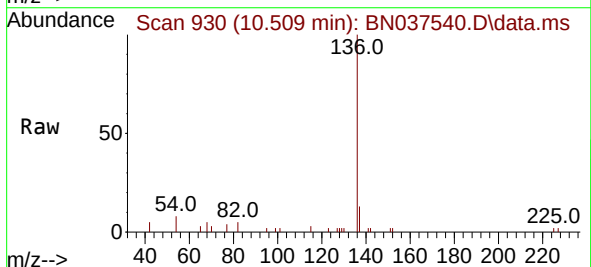
Instrument :
BNA_N
ClientSampleId :

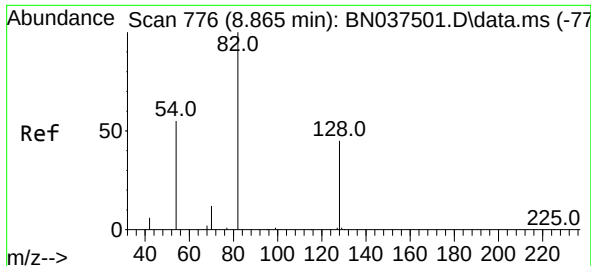
Tgt Ion: 99 Resp: 374
Ion Ratio Lower Upper
99 100
42 22.7 17.1 25.7
71 42.0 27.8 41.8#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 930
Delta R.T. 0.000 min
Lab File: BN037540.D
Acq: 22 Jul 2025 15:40

Tgt Ion:136 Resp: 4415
Ion Ratio Lower Upper
136 100
137 12.6 9.8 14.8
54 7.9 6.6 9.8
68 5.5 5.0 7.6

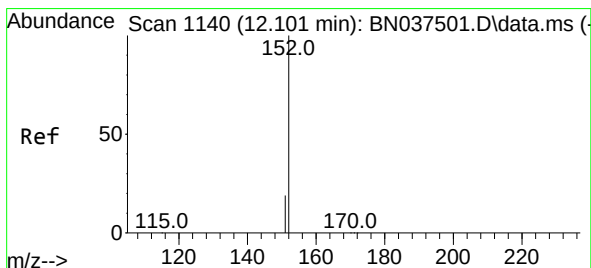
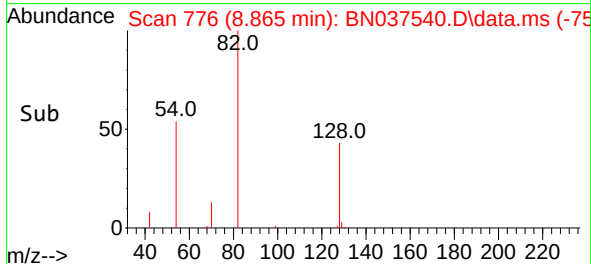
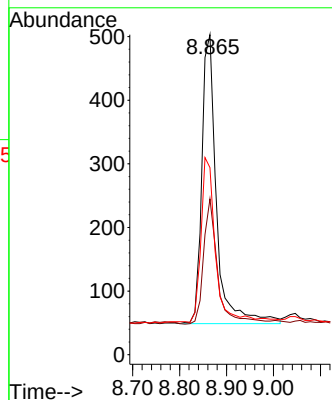
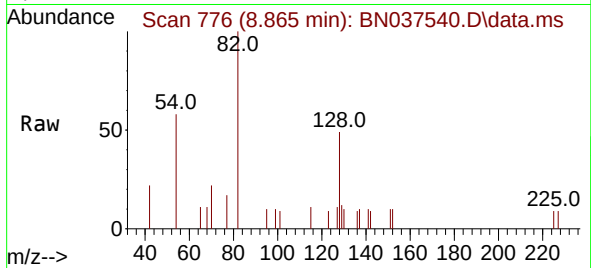




#8
Nitrobenzene-d5
Concen: 0.299 ng
RT: 8.865 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN037540.D
Acq: 22 Jul 2025 15:40

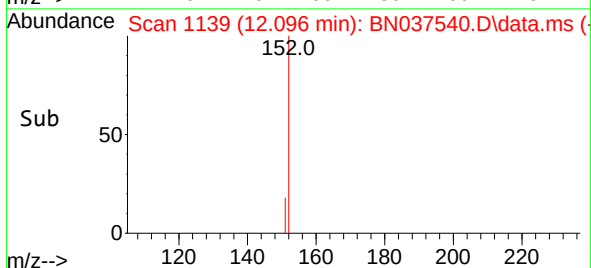
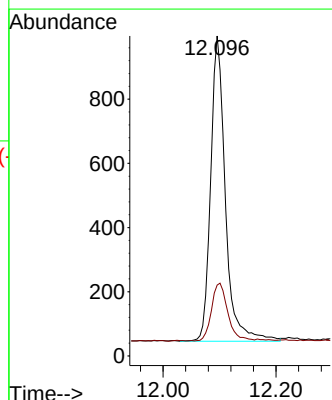
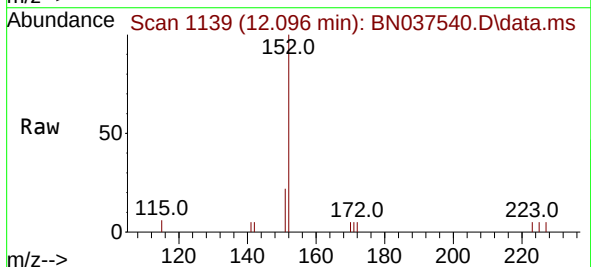
Instrument :
BNA_N
ClientSampleId :

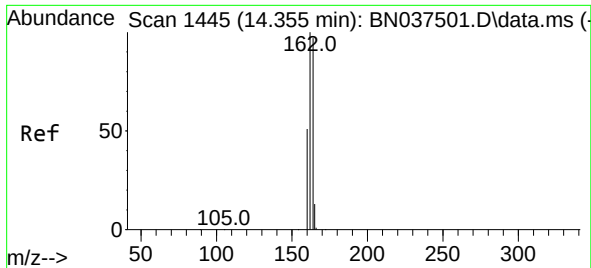
Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.7	37.5	56.3
54	58.4	45.3	67.9



#11
2-Methylnaphthalene-d10
Concen: 0.270 ng
RT: 12.096 min Scan# 1139
Delta R.T. -0.005 min
Lab File: BN037540.D
Acq: 22 Jul 2025 15:40

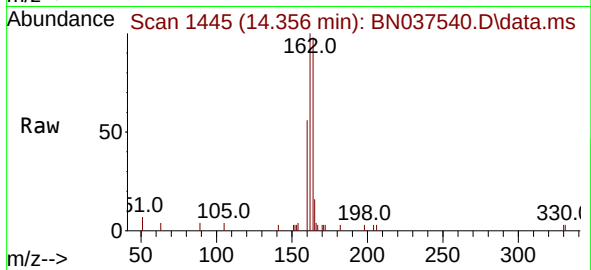
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.8	25.2



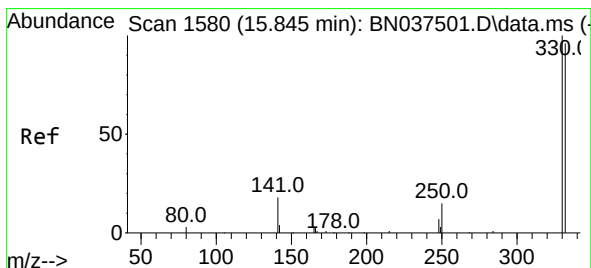
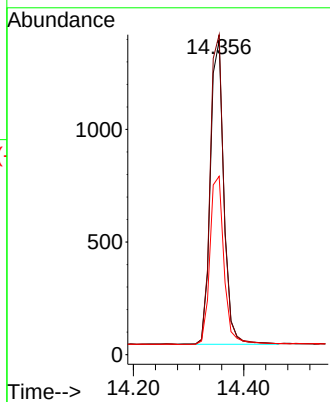
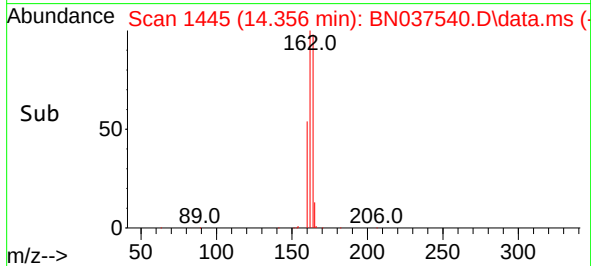


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.356 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BN037540.D
Acq: 22 Jul 2025 15:40

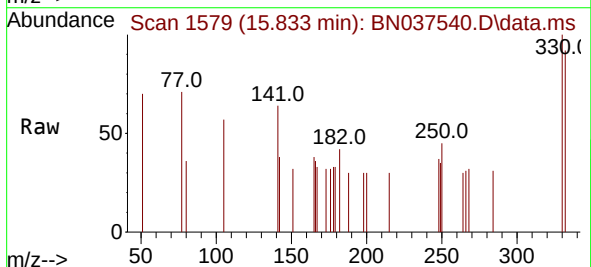
Instrument :
BNA_N
ClientSampleId :



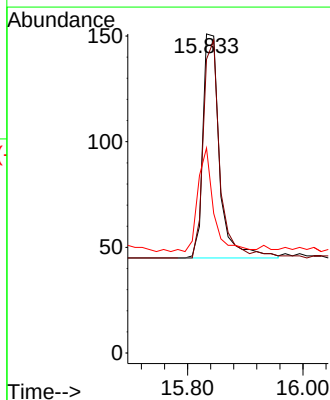
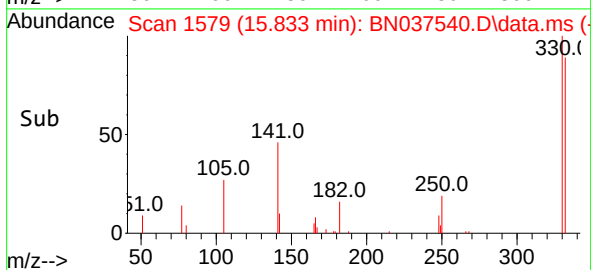
Tgt Ion:164 Resp: 2297
Ion Ratio Lower Upper
164 100
162 101.9 82.0 123.0
160 56.8 42.4 63.6

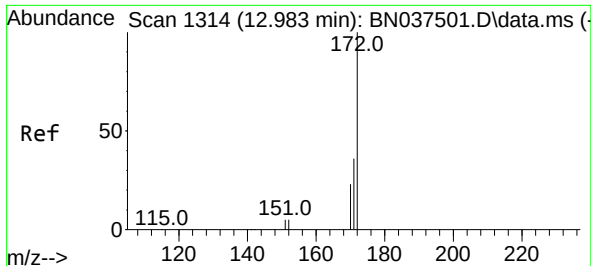


#14
2,4,6-Tribromophenol
Concen: 0.190 ng
RT: 15.833 min Scan# 1579
Delta R.T. -0.012 min
Lab File: BN037540.D
Acq: 22 Jul 2025 15:40



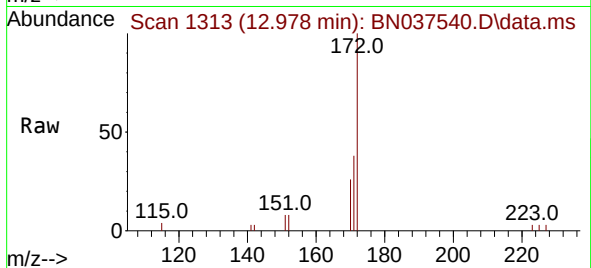
Tgt Ion:330 Resp: 214
Ion Ratio Lower Upper
330 100
332 97.7 76.1 114.1
141 43.0 33.4 50.0



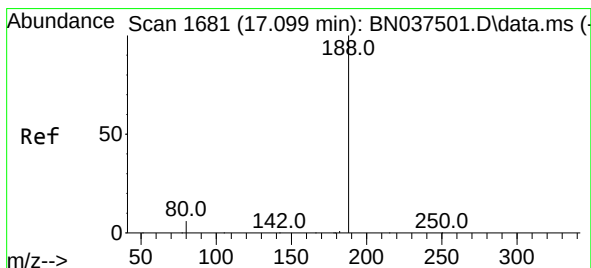
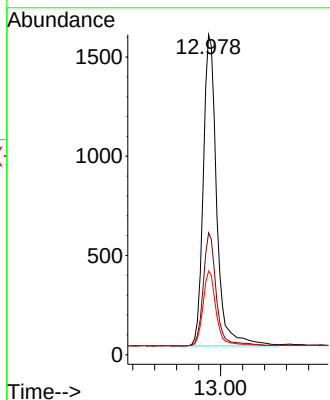
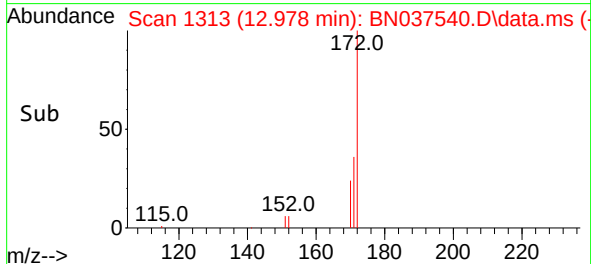


#15
2-Fluorobiphenyl
Concen: 0.297 ng
RT: 12.978 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN037540.D
Acq: 22 Jul 2025 15:40

Instrument :
BNA_N
ClientSampleId :

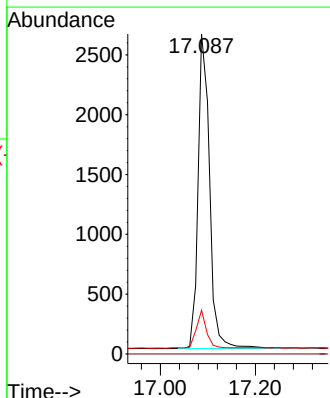
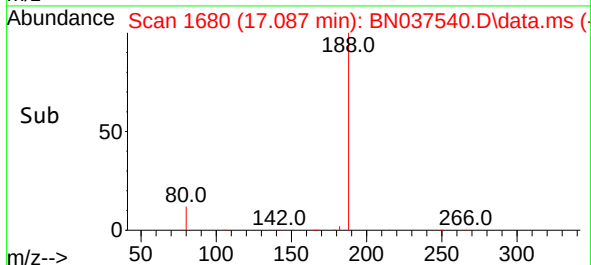
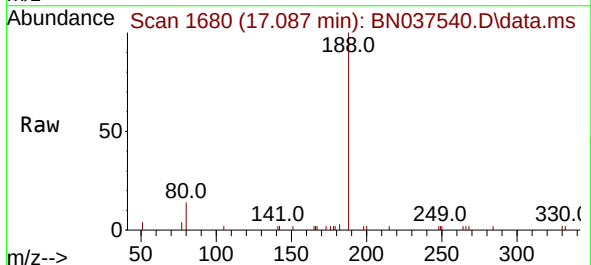


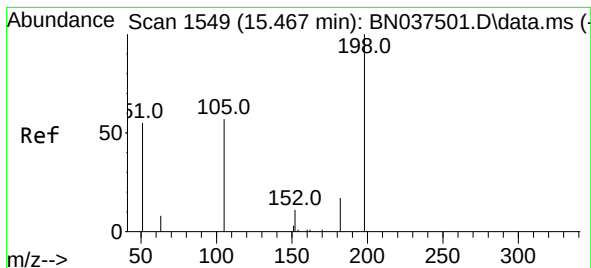
Tgt Ion:172 Resp: 3547
Ion Ratio Lower Upper
172 100
171 38.1 29.4 44.2
170 26.2 19.4 29.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.087 min Scan# 1680
Delta R.T. -0.012 min
Lab File: BN037540.D
Acq: 22 Jul 2025 15:40

Tgt Ion:188 Resp: 4425
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.6 6.0 9.0#

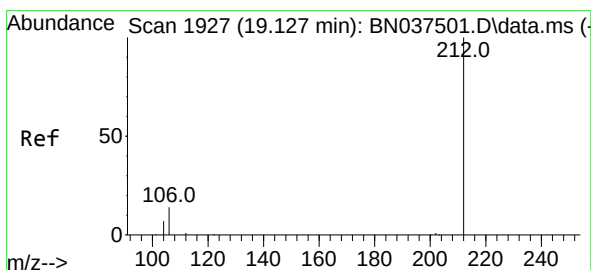
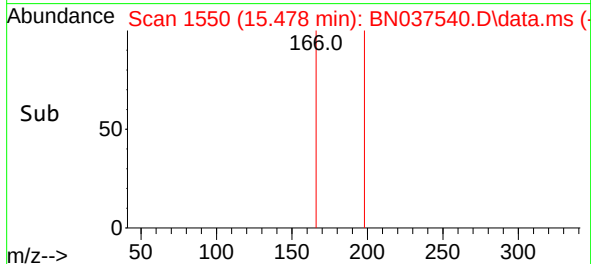
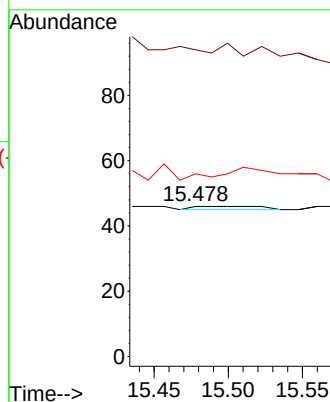
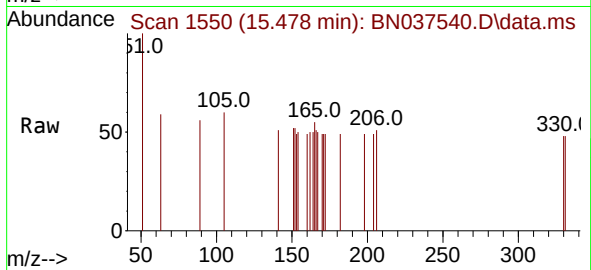




#20
4,6-Dinitro-2-methylphenol
Concen: 0.098 ng
RT: 15.478 min Scan# 1550
Delta R.T. 0.011 min
Lab File: BN037540.D
Acq: 22 Jul 2025 15:40

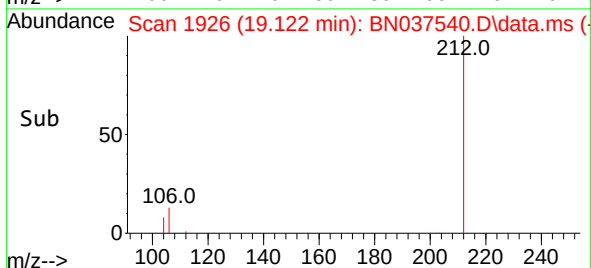
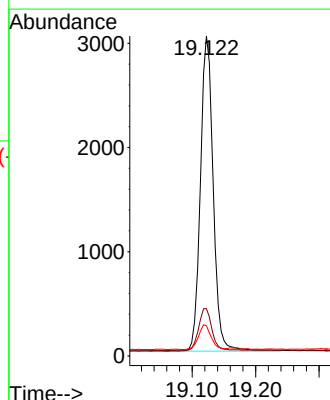
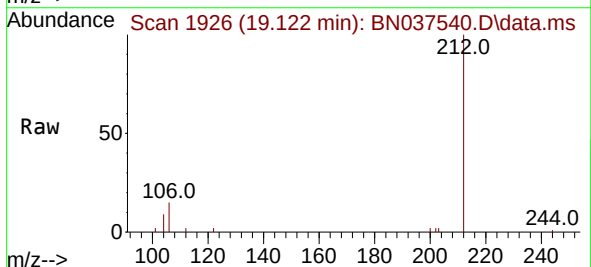
Instrument :
BNA_N
ClientSampleId :

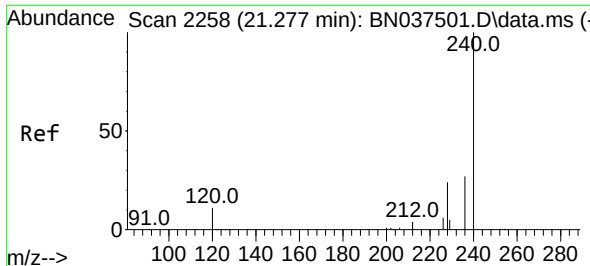
Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 204.3 88.5 132.7#
105 121.7 61.2 91.8#



#27
Fluoranthene-d10
Concen: 0.362 ng
RT: 19.122 min Scan# 1926
Delta R.T. -0.005 min
Lab File: BN037540.D
Acq: 22 Jul 2025 15:40

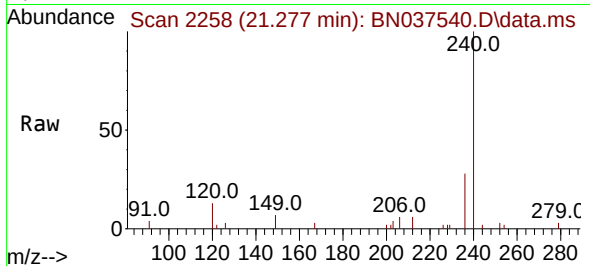
Tgt Ion:212 Resp: 4242
Ion Ratio Lower Upper
212 100
106 13.6 12.2 18.4
104 7.6 6.7 10.1



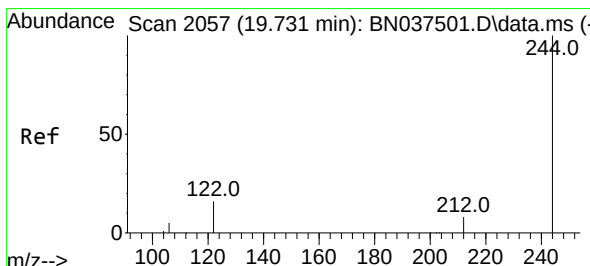
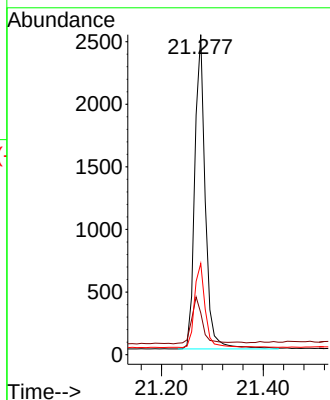
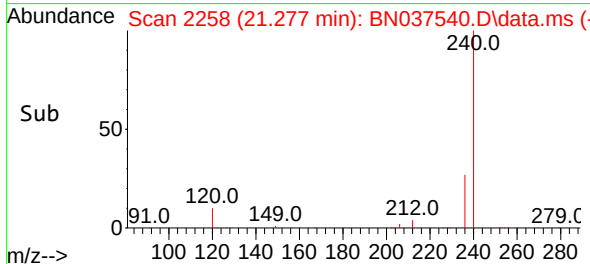


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN037540.D
Acq: 22 Jul 2025 15:40

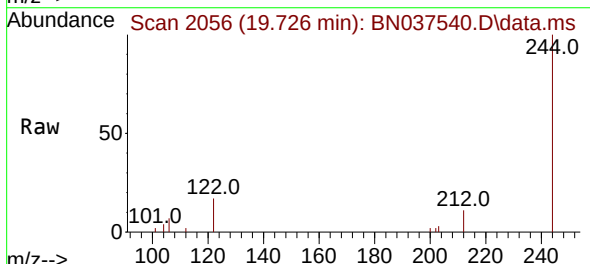
Instrument :
BNA_N
ClientSampleId :



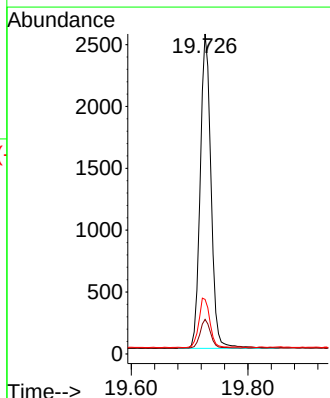
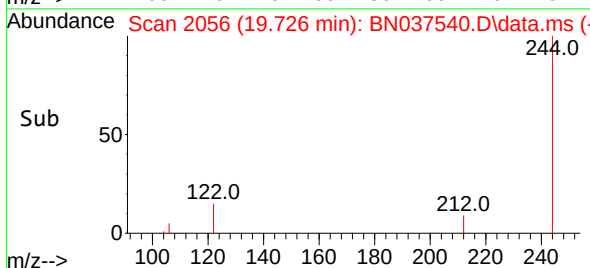
Tgt Ion:240 Resp: 3605
Ion Ratio Lower Upper
240 100
120 13.0 10.7 16.1
236 28.5 22.6 33.8

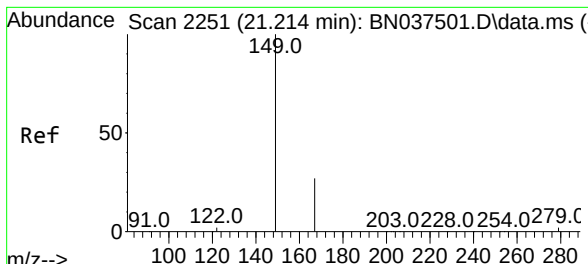


#31
Terphenyl-d14
Concen: 0.423 ng
RT: 19.726 min Scan# 2056
Delta R.T. -0.005 min
Lab File: BN037540.D
Acq: 22 Jul 2025 15:40



Tgt Ion:244 Resp: 3278
Ion Ratio Lower Upper
244 100
212 10.8 7.4 11.2
122 17.1 13.6 20.4

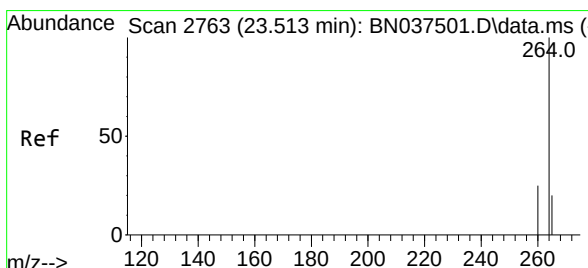
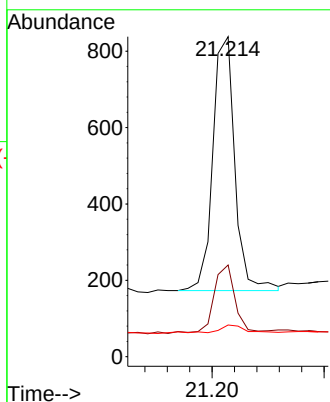
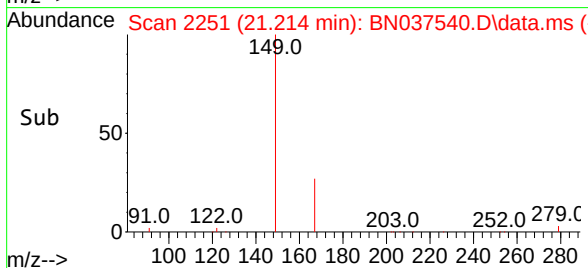
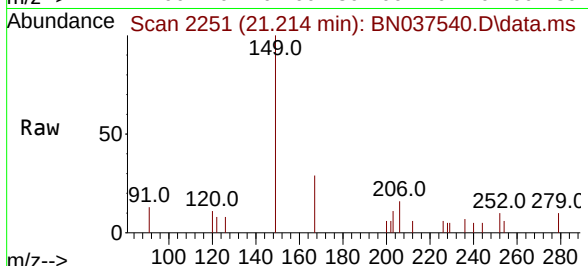




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.160 ng
 RT: 21.214 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN037540.D
 Acq: 22 Jul 2025 15:40

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:	149	Resp:	909
Ion Ratio	Lower	Upper	
149	100		
167	26.0	21.8	32.8
279	3.2	3.0	4.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.511 min Scan# 2762
 Delta R.T. -0.003 min
 Lab File: BN037540.D
 Acq: 22 Jul 2025 15:40

Tgt Ion:	264	Resp:	3019
Ion Ratio	Lower	Upper	
264	100		
260	27.7	21.2	31.8
265	66.9	40.4	60.6

