

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071525\
 Data File : BN037507.D
 Acq On : 15 Jul 2025 17:34
 Operator : RC/JU
 Sample : PB168696BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB168696BL

Quant Time: Jul 15 18:36:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 15 17:33:01 2025
 Response via : Initial Calibration

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

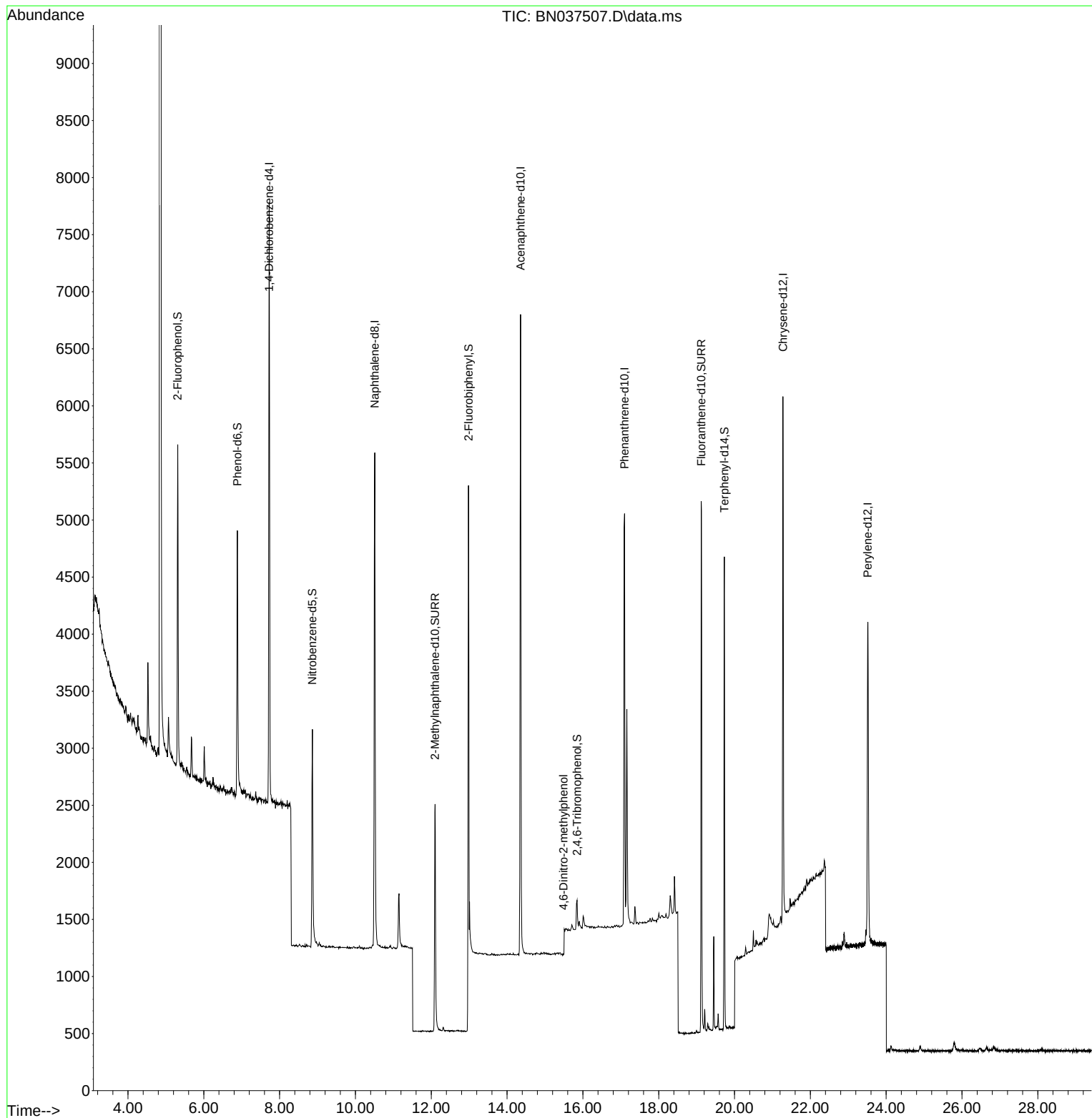
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	2576	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	6287	0.400	ng	0.00
13) Acenaphthene-d10	14.356	164	3257	0.400	ng	0.00
19) Phenanthrene-d10	17.099	188	5867	0.400	ng	0.00
29) Chrysene-d12	21.277	240	4191	0.400	ng	# 0.00
35) Perylene-d12	23.516	264	4013	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	2183	0.343	ng	0.00
5) Phenol-d6	6.887	99	2461	0.308	ng	0.00
8) Nitrobenzene-d5	8.865	82	1704	0.363	ng	0.00
11) 2-Methylnaphthalene-d10	12.101	152	3126	0.347	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	199	0.124	ng	0.00
15) 2-Fluorobiphenyl	12.983	172	6740	0.398	ng	0.00
27) Fluoranthene-d10	19.127	212	5245	0.337	ng	0.00
31) Terphenyl-d14	19.731	244	3894	0.432	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.489	198	4	0.098	ng	# 25

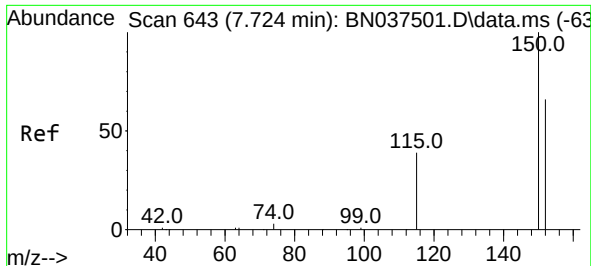
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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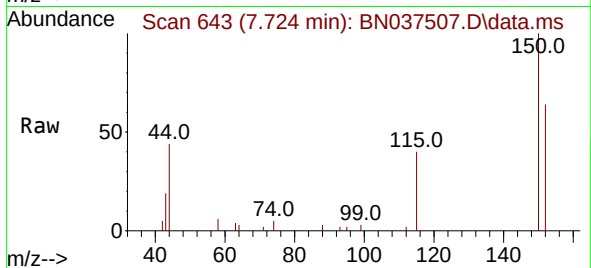
Quant Time: Jul 15 18:36:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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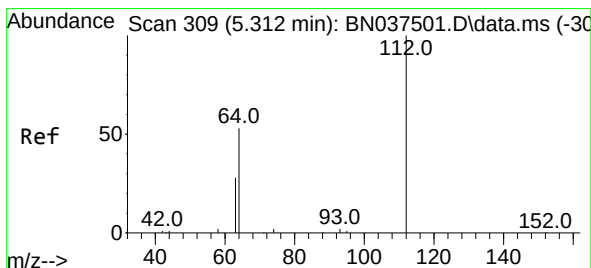
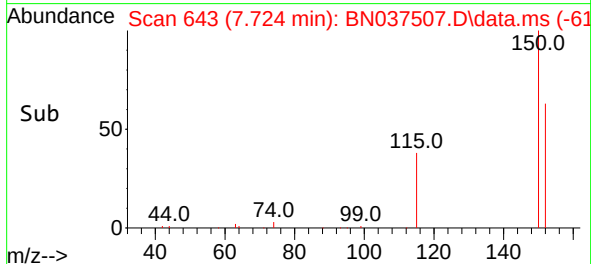
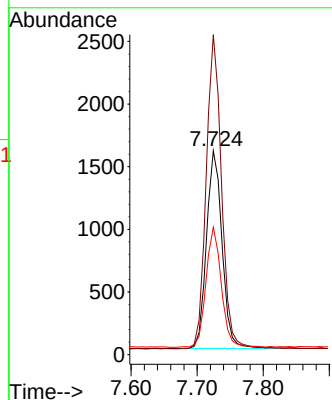
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 643
 Delta R.T. 0.000 min
 Lab File: BN037507.D
 Acq: 15 Jul 2025 17:34

Instrument :
 BNA_N
 ClientSampleId :
 PB168696BL



Tgt Ion:152 Resp: 2576

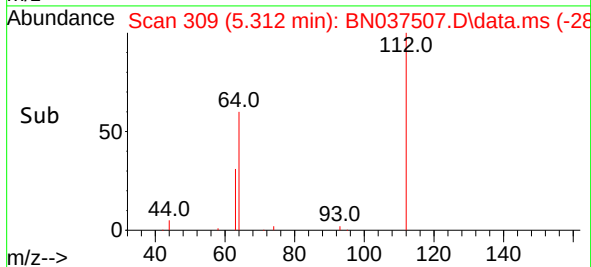
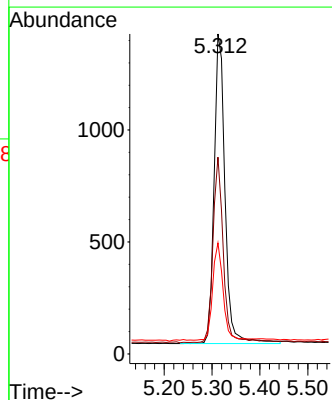
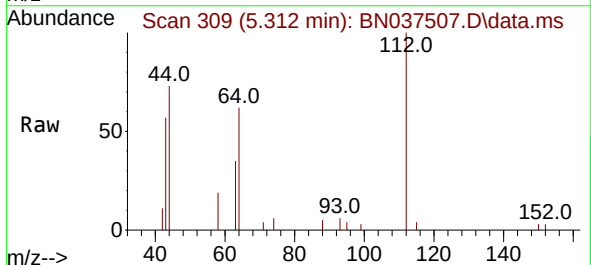
Ion	Ratio	Lower	Upper
152	100		
150	157.0	119.8	179.8
115	62.6	49.1	73.7

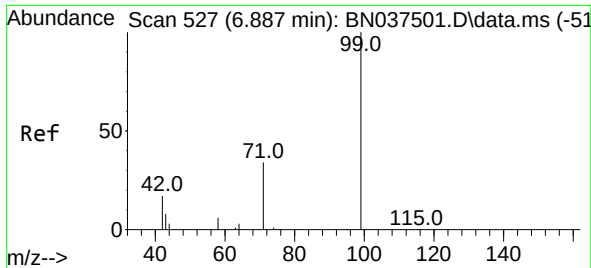


#4
 2-Fluorophenol
 Concen: 0.343 ng
 RT: 5.312 min Scan# 309
 Delta R.T. 0.000 min
 Lab File: BN037507.D
 Acq: 15 Jul 2025 17:34

Tgt Ion:112 Resp: 2183

Ion	Ratio	Lower	Upper
112	100		
64	56.3	45.1	67.7
63	30.1	23.8	35.8

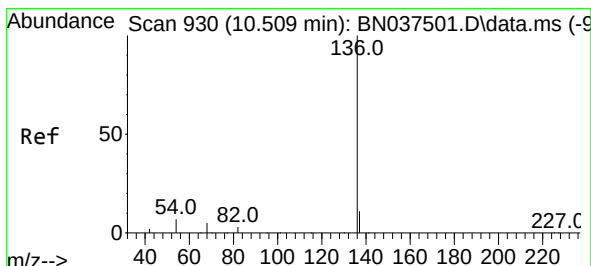
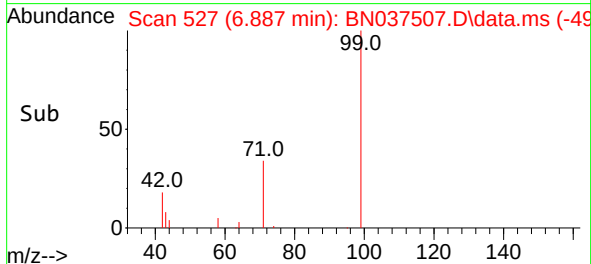
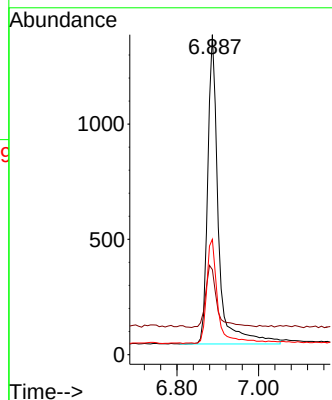
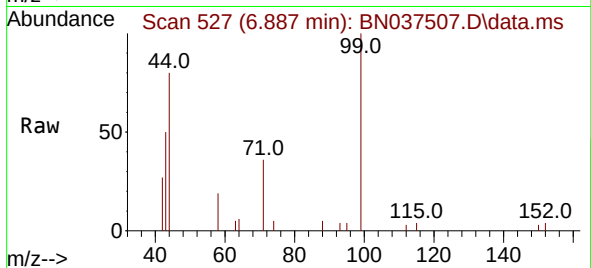




#5
Phenol-d6
Concen: 0.308 ng
RT: 6.887 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN037507.D
Acq: 15 Jul 2025 17:34

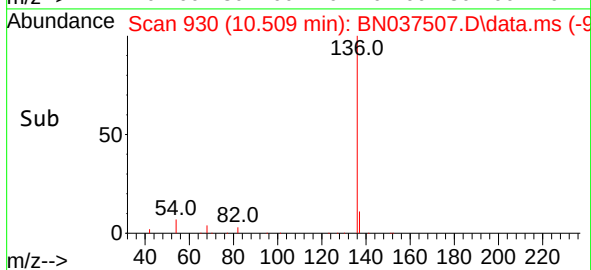
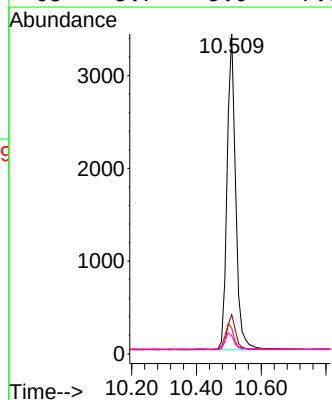
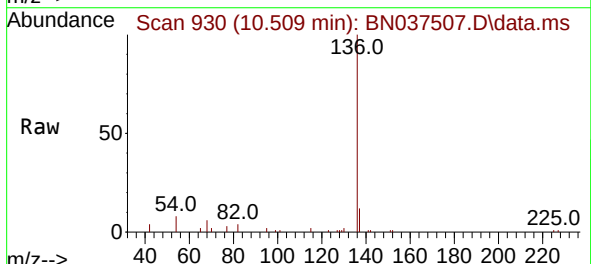
Instrument :
BNA_N
ClientSampleId :
PB168696BL

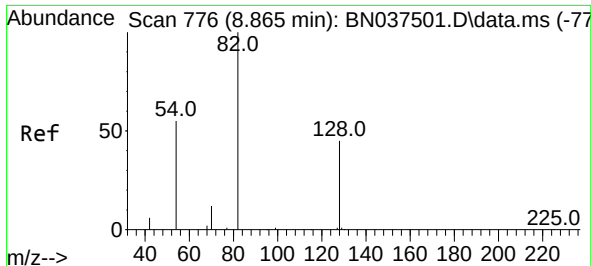
Tgt Ion:	99	Resp:	2461
Ion	Ratio	Lower	Upper
99	100		
42	21.1	17.1	25.7
71	34.5	27.8	41.8



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 930
Delta R.T. 0.000 min
Lab File: BN037507.D
Acq: 15 Jul 2025 17:34

Tgt Ion:	136	Resp:	6287
Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.8	14.8
54	8.1	6.6	9.8
68	5.7	5.0	7.6

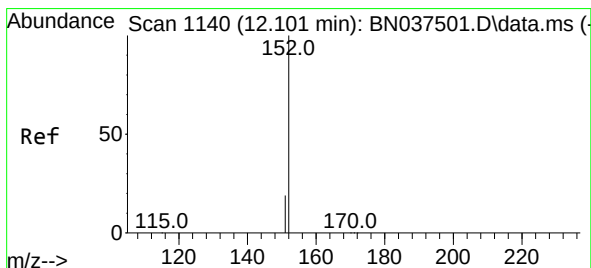
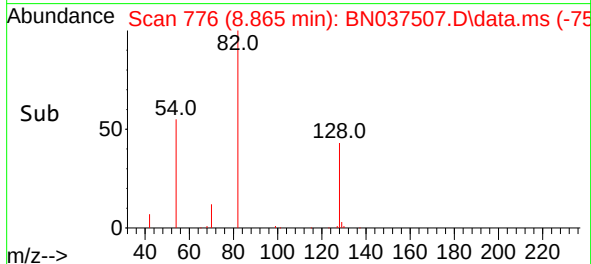
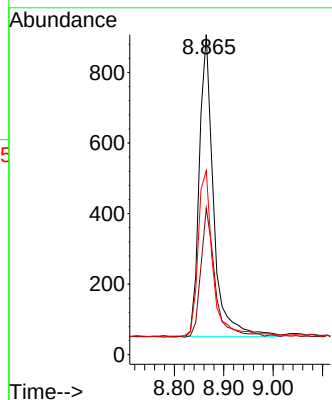
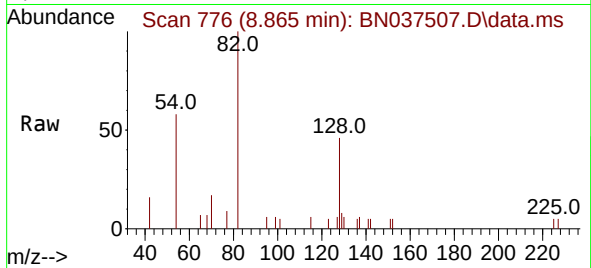




#8
Nitrobenzene-d5
Concen: 0.363 ng
RT: 8.865 min Scan# 776
Delta R.T. 0.000 min
Lab File: BN037507.D
Acq: 15 Jul 2025 17:34

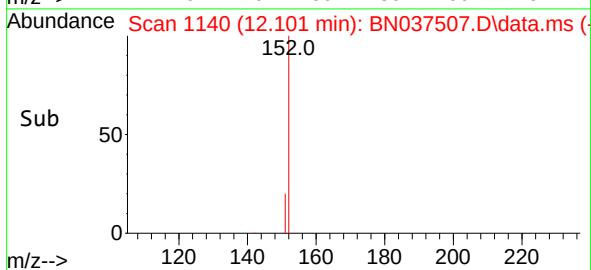
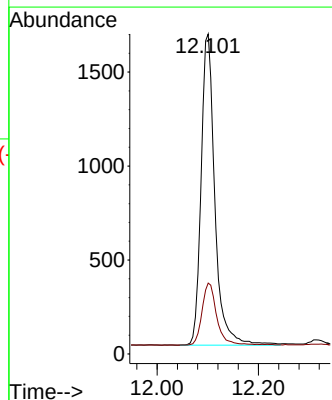
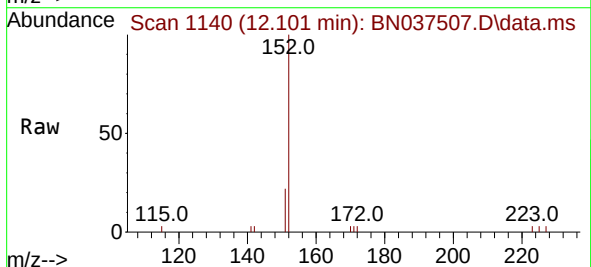
Instrument :
BNA_N
ClientSampleId :
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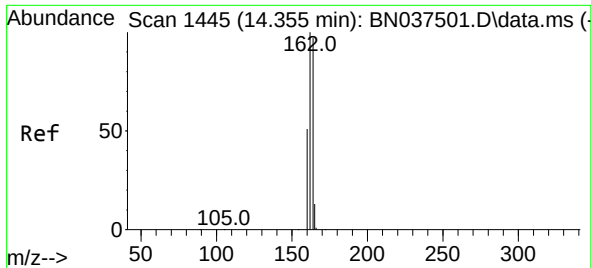
Tgt Ion: 82 Resp: 1704
Ion Ratio Lower Upper
82 100
128 45.9 37.5 56.3
54 57.6 45.3 67.9



#11
2-Methylnaphthalene-d10
Concen: 0.347 ng
RT: 12.101 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BN037507.D
Acq: 15 Jul 2025 17:34

Tgt Ion: 152 Resp: 3126
Ion Ratio Lower Upper
152 100
151 21.4 16.8 25.2

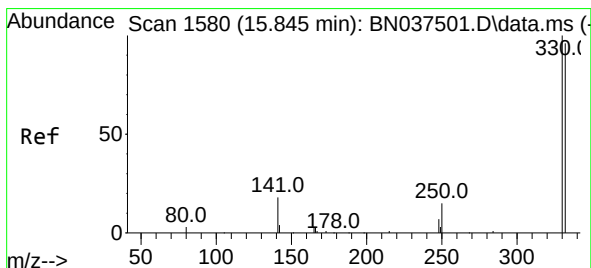
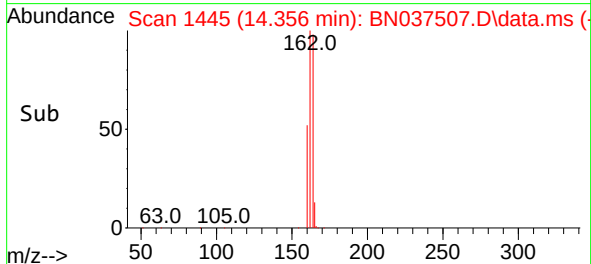
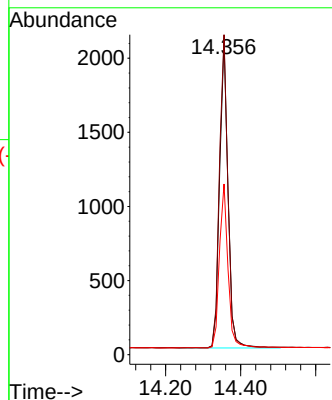
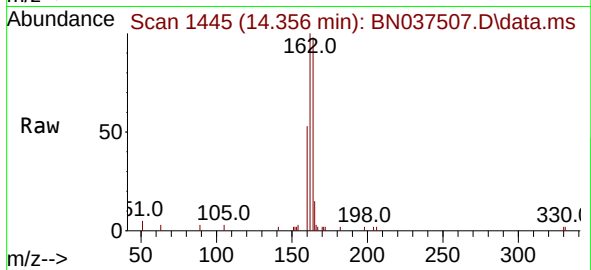




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.356 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BN037507.D
Acq: 15 Jul 2025 17:34

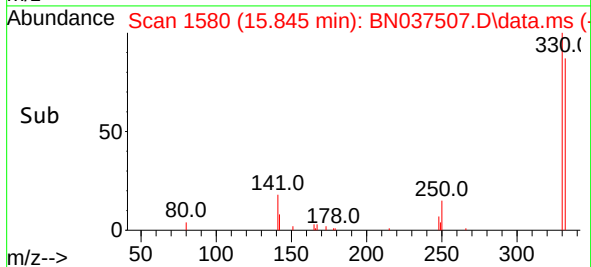
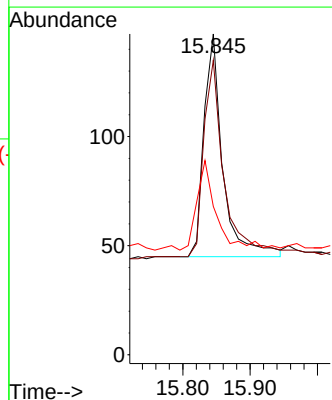
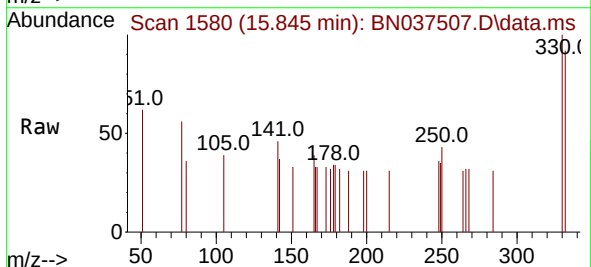
Instrument :
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ClientSampleId :
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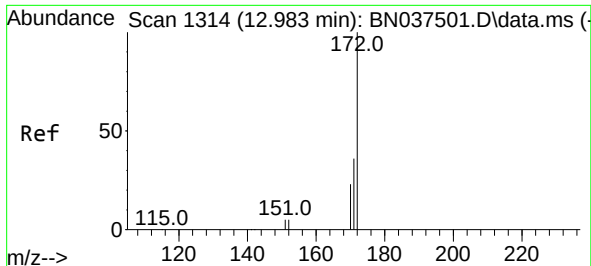
Tgt Ion:164 Resp: 3257
Ion Ratio Lower Upper
164 100
162 101.6 82.0 123.0
160 54.2 42.4 63.6



#14
2,4,6-Tribromophenol
Concen: 0.124 ng
RT: 15.845 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BN037507.D
Acq: 15 Jul 2025 17:34

Tgt Ion:330 Resp: 199
Ion Ratio Lower Upper
330 100
332 98.5 76.1 114.1
141 43.2 33.4 50.0

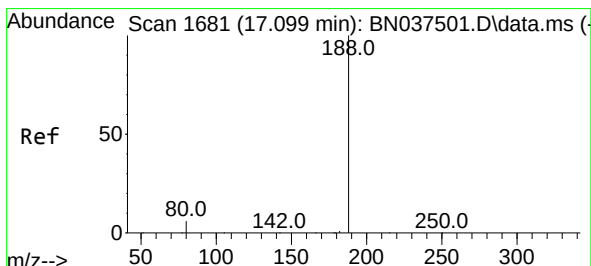
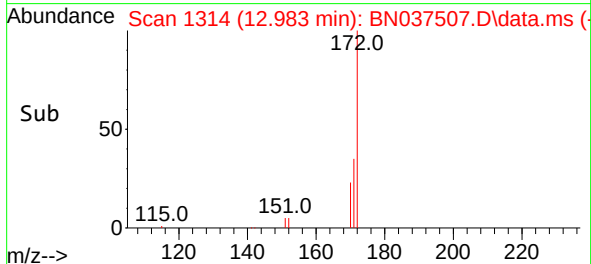
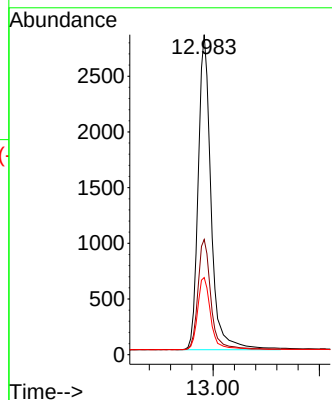
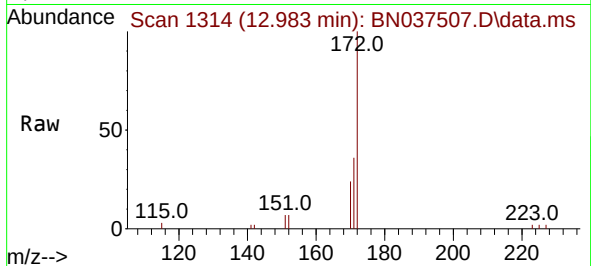




#15
2-Fluorobiphenyl
Concen: 0.398 ng
RT: 12.983 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN037507.D
Acq: 15 Jul 2025 17:34

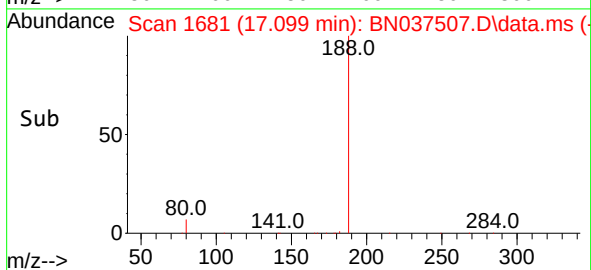
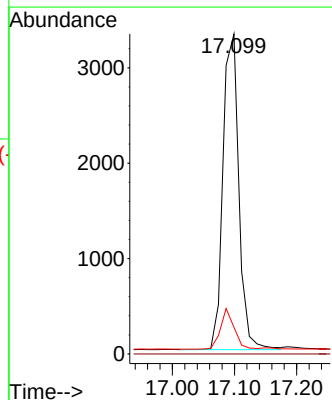
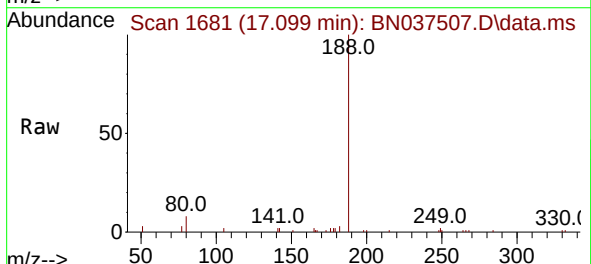
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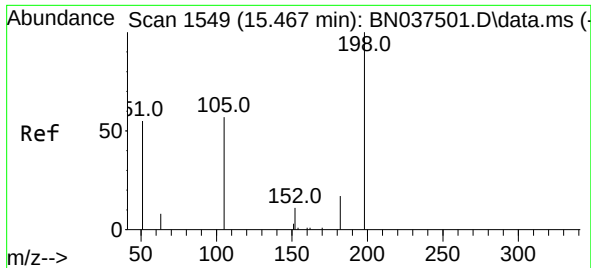
Tgt Ion:172 Resp: 6740
Ion Ratio Lower Upper
172 100
171 36.0 29.4 44.2
170 24.1 19.4 29.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.099 min Scan# 1681
Delta R.T. 0.000 min
Lab File: BN037507.D
Acq: 15 Jul 2025 17:34

Tgt Ion:188 Resp: 5867
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.3 6.0 9.0

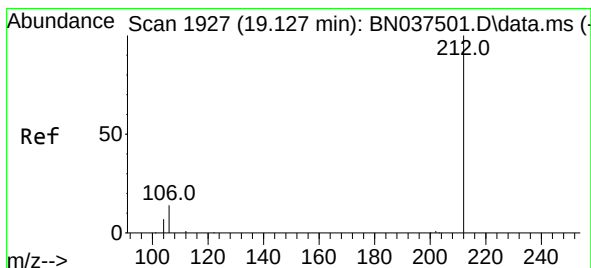
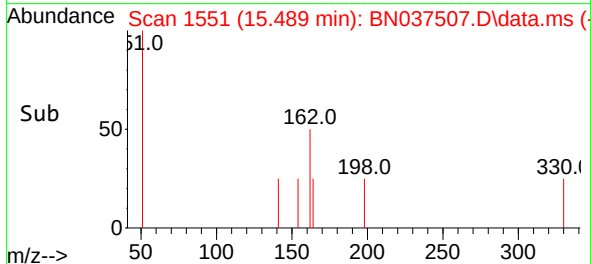
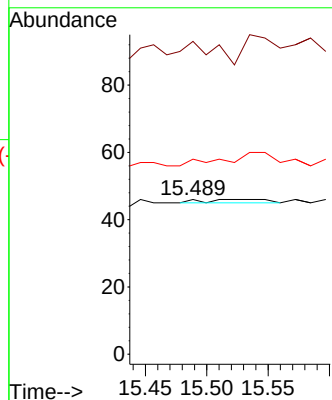
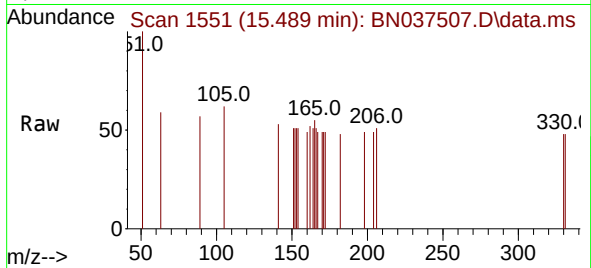




#20
4,6-Dinitro-2-methylphenol
Concen: 0.098 ng
RT: 15.489 min Scan# 1551
Delta R.T. 0.022 min
Lab File: BN037507.D
Acq: 15 Jul 2025 17:34

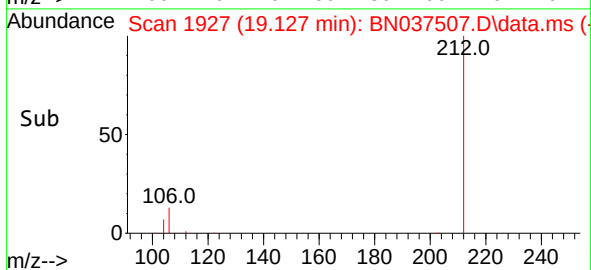
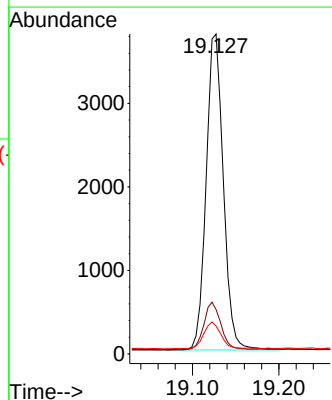
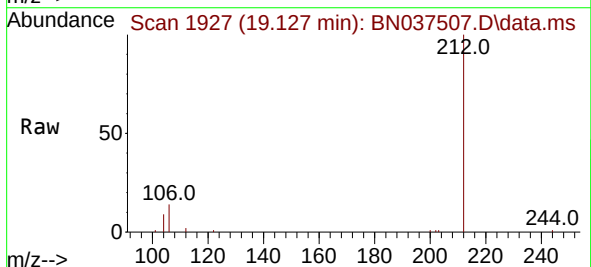
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BNA_N
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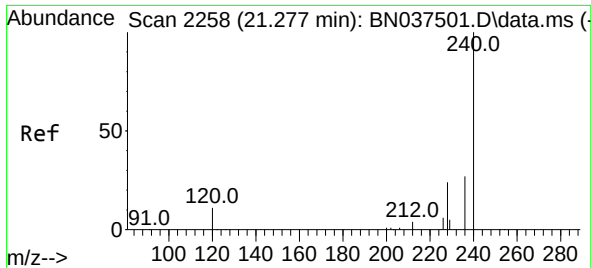
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 202.2 88.5 132.7#
105 126.1 61.2 91.8#



#27
Fluoranthene-d10
Concen: 0.337 ng
RT: 19.127 min Scan# 1927
Delta R.T. 0.000 min
Lab File: BN037507.D
Acq: 15 Jul 2025 17:34

Tgt Ion:212 Resp: 5245
Ion Ratio Lower Upper
212 100
106 14.6 12.2 18.4
104 8.5 6.7 10.1

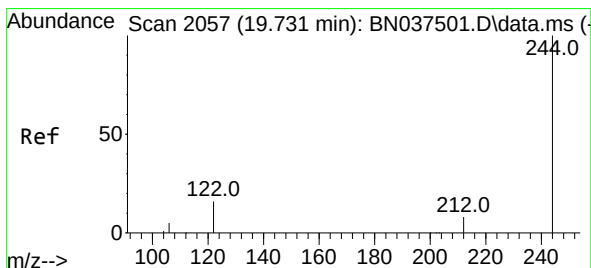
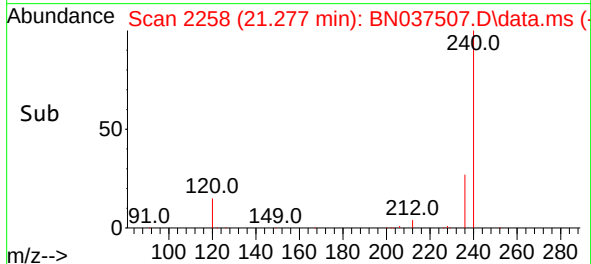
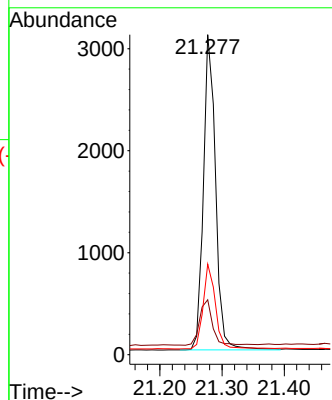
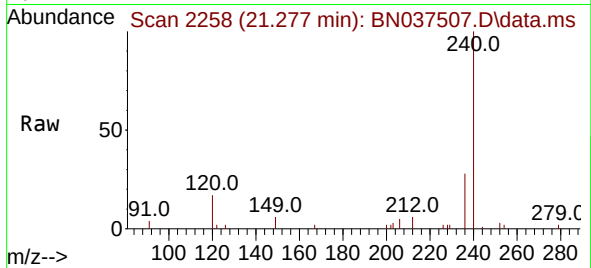




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN037507.D
Acq: 15 Jul 2025 17:34

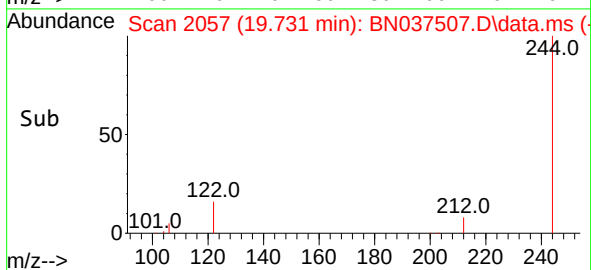
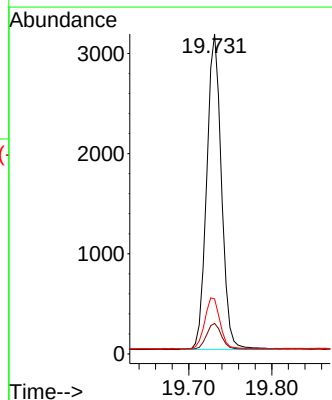
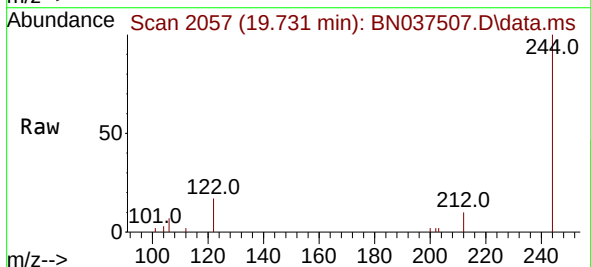
Instrument :
BNA_N
ClientSampleId :
PB168696BL

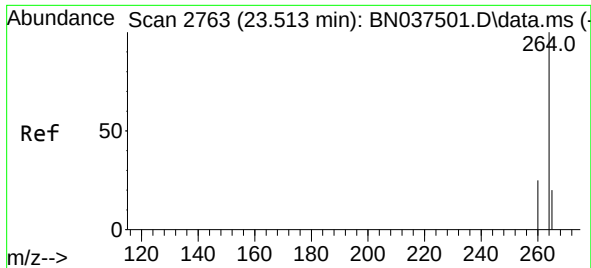
Tgt Ion:240 Resp: 4191
Ion Ratio Lower Upper
240 100
120 17.2 10.7 16.1#
236 28.3 22.6 33.8



#31
Terphenyl-d14
Concen: 0.432 ng
RT: 19.731 min Scan# 2057
Delta R.T. 0.000 min
Lab File: BN037507.D
Acq: 15 Jul 2025 17:34

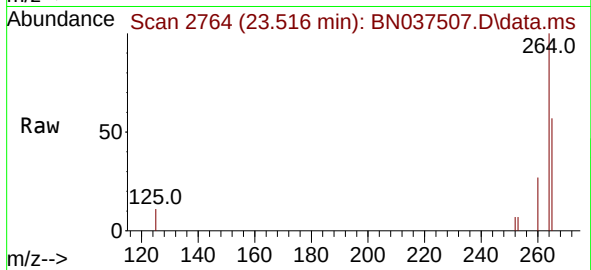
Tgt Ion:244 Resp: 3894
Ion Ratio Lower Upper
244 100
212 9.5 7.4 11.2
122 17.2 13.6 20.4





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.516 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BN037507.D
 Acq: 15 Jul 2025 17:34

Instrument :
 BNA_N
 ClientSampleId :
 PB168696BL



Tgt Ion: 264 Resp: 4013

Ion	Ratio	Lower	Upper
264	100		
260	27.1	21.2	31.8
265	56.9	40.4	60.6

