

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073025\
 Data File : BN037550.D
 Acq On : 30 Jul 2025 10:51
 Operator : RC/JU
 Sample : Q2696-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP100-20250724

Quant Time: Jul 30 11:12:09 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)

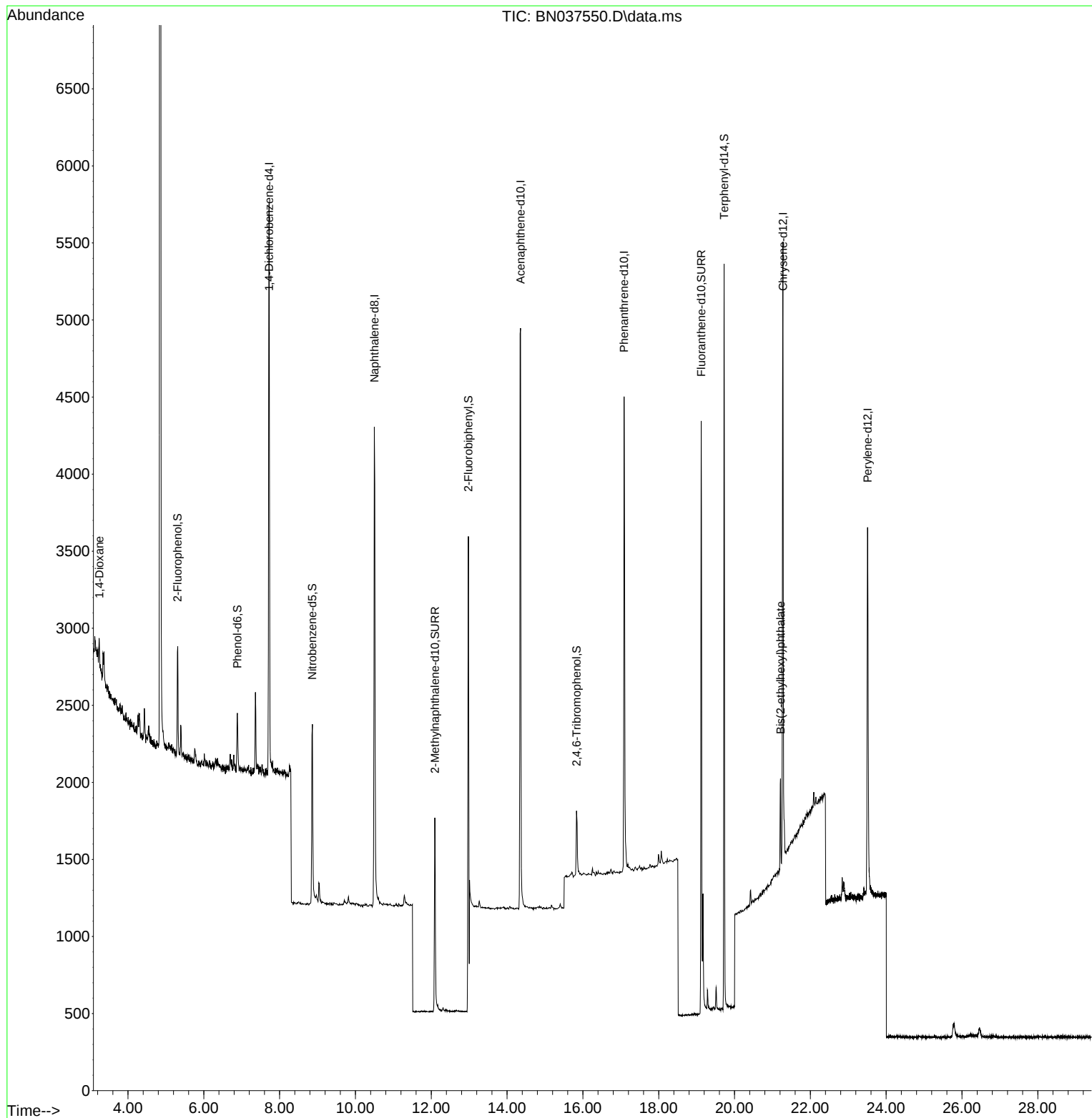
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	1935	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	4743	0.400	ng	#-0.01
13) Acenaphthene-d10	14.355	164	2423	0.400	ng	0.00
19) Phenanthrene-d10	17.086	188	4635	0.400	ng	#-0.01
29) Chrysene-d12	21.277	240	3863	0.400	ng	0.00
35) Perylene-d12	23.510	264	3344	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	557	0.116	ng	0.00
5) Phenol-d6	6.887	99	367	0.061	ng	0.00
8) Nitrobenzene-d5	8.864	82	1110	0.313	ng	0.00
11) 2-Methylnaphthalene-d10	12.096	152	1929	0.284	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	293	0.246	ng	-0.01
15) 2-Fluorobiphenyl	12.978	172	4260	0.338	ng	0.00
27) Fluoranthene-d10	19.122	212	4430	0.361	ng	0.00
31) Terphenyl-d14	19.726	244	4608	0.555	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.247	88	92	0.049	ng	# 73
34) Bis(2-ethylhexyl)phtha...	21.214	149	622	0.102	ng	96

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

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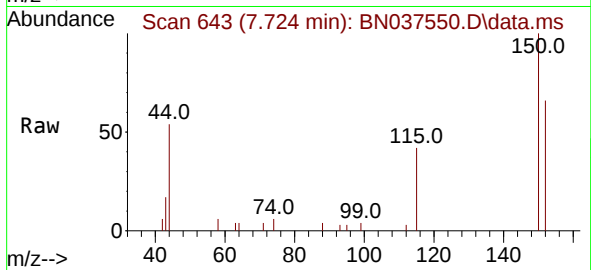
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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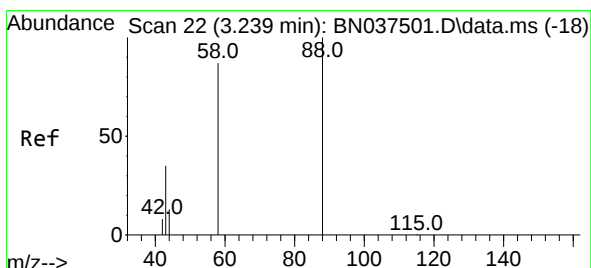
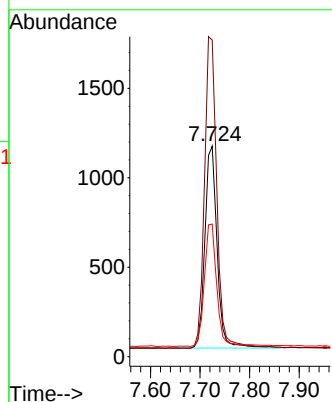
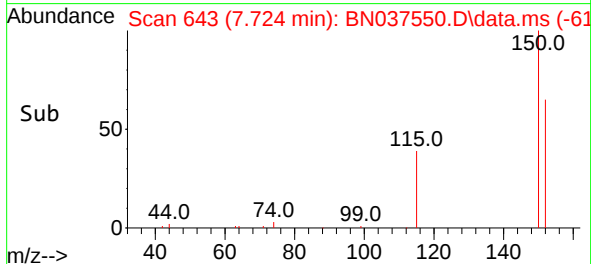


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN037550.D
 Acq: 30 Jul 2025 10:51

Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP100-20250724

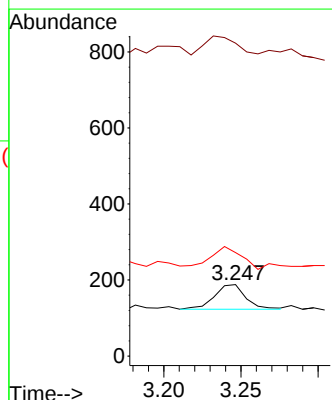
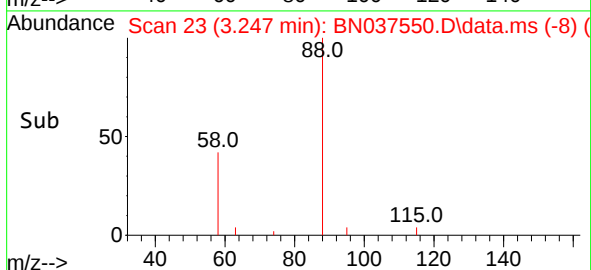
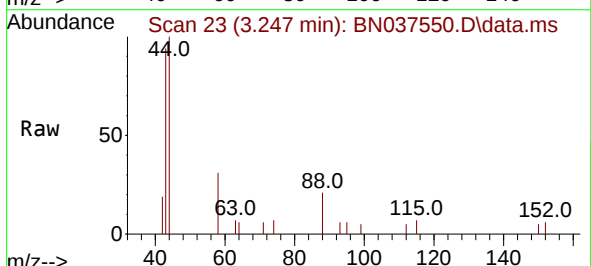


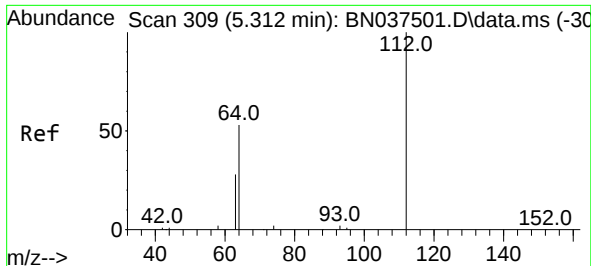
Tgt Ion:152 Resp: 1935
 Ion Ratio Lower Upper
 152 100
 150 150.4 119.8 179.8
 115 63.0 49.1 73.7



#2
 1,4-Dioxane
 Concen: 0.049 ng
 RT: 3.247 min Scan# 23
 Delta R.T. 0.007 min
 Lab File: BN037550.D
 Acq: 30 Jul 2025 10:51

Tgt Ion: 88 Resp: 92
 Ion Ratio Lower Upper
 88 100
 43 76.1 27.5 41.3#
 58 71.7 62.7 94.1

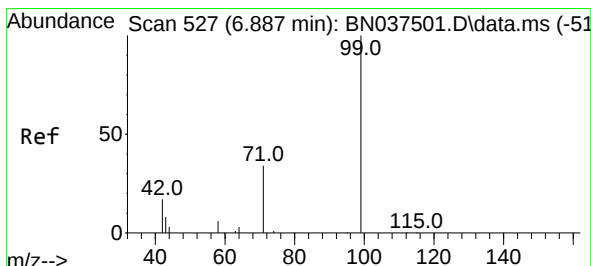
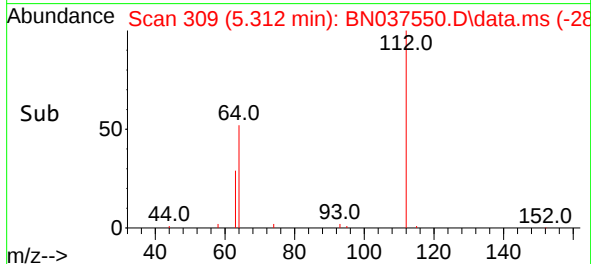
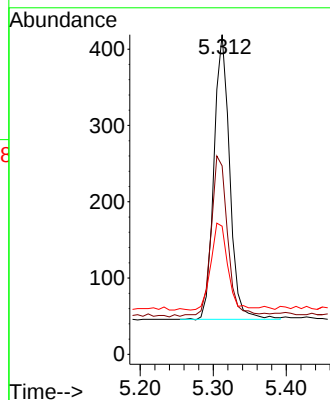
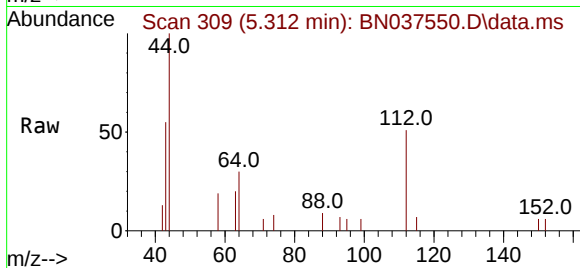




#4
2-Fluorophenol
Concen: 0.116 ng
RT: 5.312 min Scan# 309
Delta R.T. -0.000 min
Lab File: BN037550.D
Acq: 30 Jul 2025 10:51

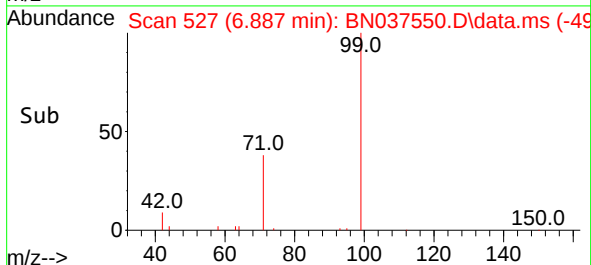
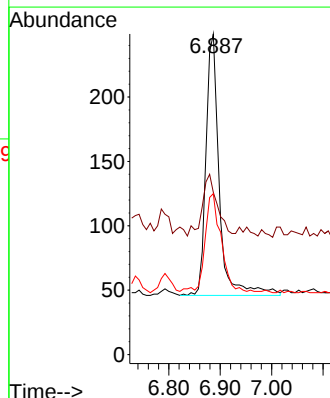
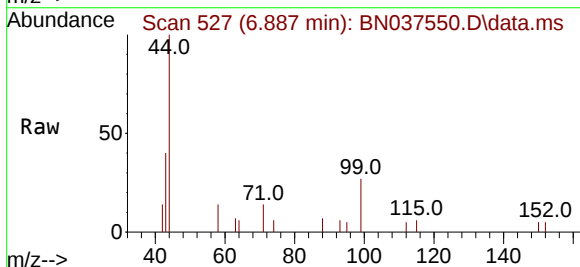
Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20250724

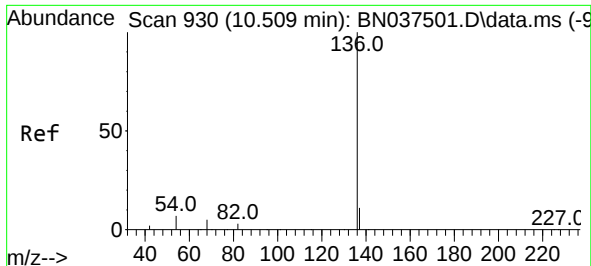
Tgt Ion:112 Resp: 557
Ion Ratio Lower Upper
112 100
64 60.1 45.1 67.7
63 32.7 23.8 35.8



#5
Phenol-d6
Concen: 0.061 ng
RT: 6.887 min Scan# 527
Delta R.T. -0.000 min
Lab File: BN037550.D
Acq: 30 Jul 2025 10:51

Tgt Ion: 99 Resp: 367
Ion Ratio Lower Upper
99 100
42 26.4 17.1 25.7#
71 45.5 27.8 41.8#

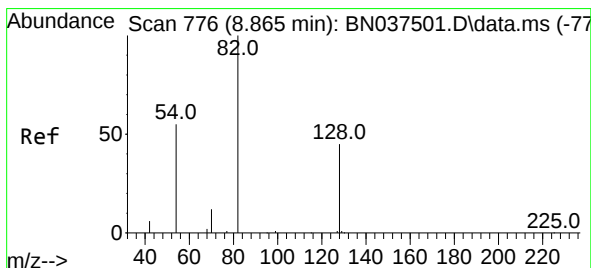
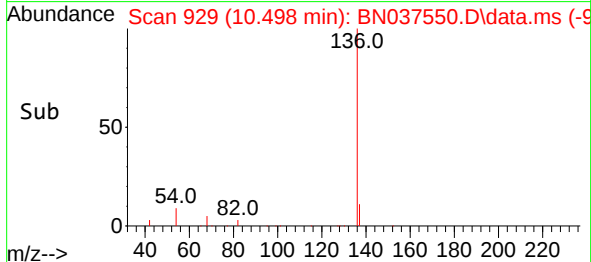
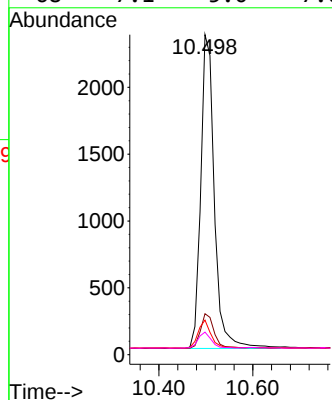
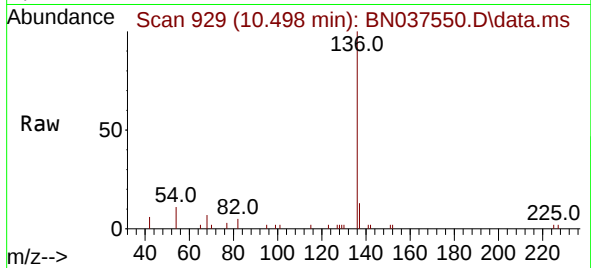




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN037550.D
Acq: 30 Jul 2025 10:51

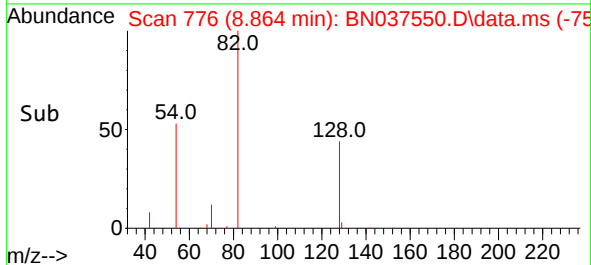
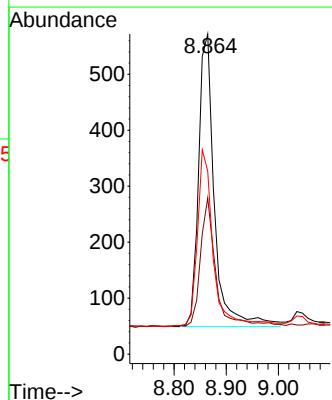
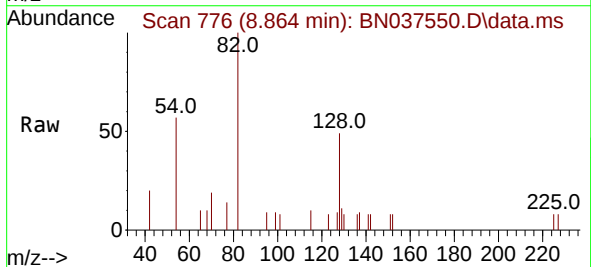
Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20250724

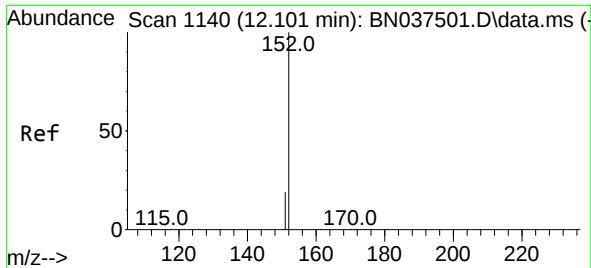
Tgt Ion:	136	Resp:	4743
Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.8	14.8
54	10.8	6.6	9.8#
68	7.1	5.0	7.6



#8
Nitrobenzene-d5
Concen: 0.313 ng
RT: 8.864 min Scan# 776
Delta R.T. -0.000 min
Lab File: BN037550.D
Acq: 30 Jul 2025 10:51

Tgt Ion:	82	Resp:	1110
Ion	Ratio	Lower	Upper
82	100		
128	48.8	37.5	56.3
54	57.2	45.3	67.9

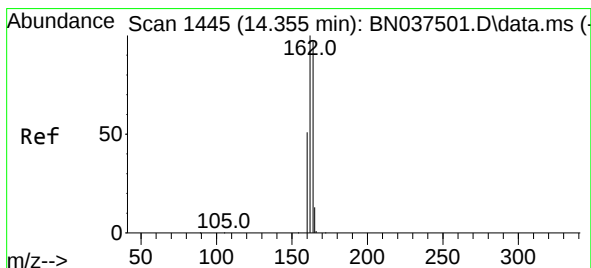
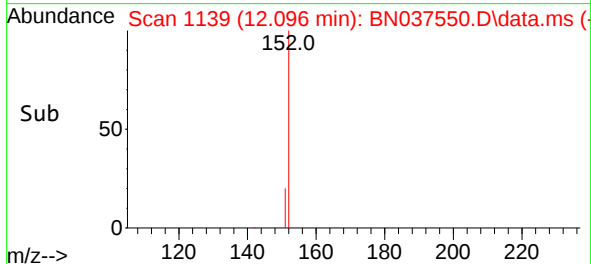
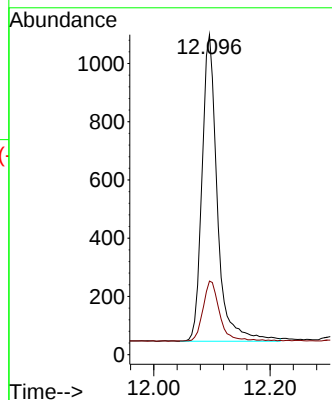
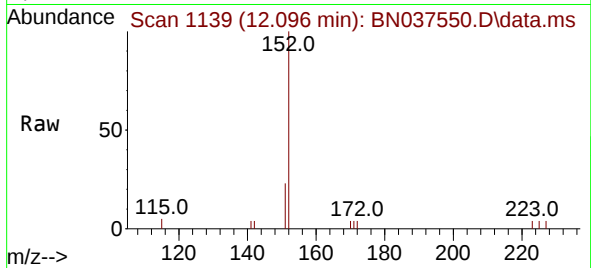




#11
2-Methylnaphthalene-d10
Concen: 0.284 ng
RT: 12.096 min Scan# 1140
Delta R.T. -0.005 min
Lab File: BN037550.D
Acq: 30 Jul 2025 10:51

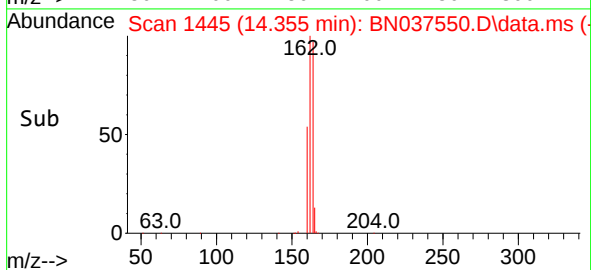
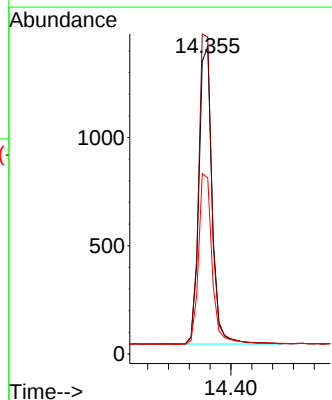
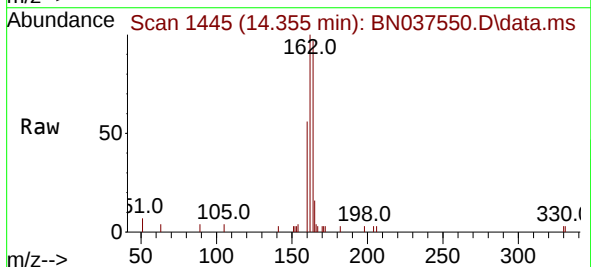
Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20250724

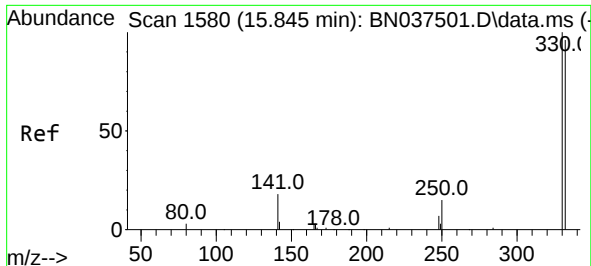
Tgt Ion:152 Resp: 1929
Ion Ratio Lower Upper
152 100
151 21.8 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.355 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BN037550.D
Acq: 30 Jul 2025 10:51

Tgt Ion:164 Resp: 2423
Ion Ratio Lower Upper
164 100
162 103.0 82.0 123.0
160 57.2 42.4 63.6

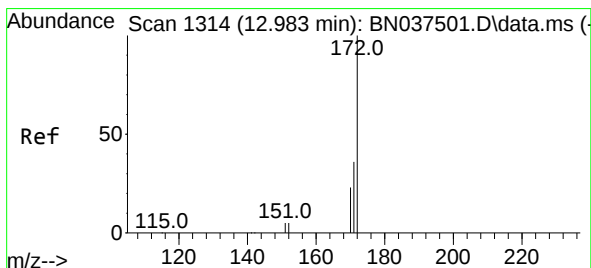
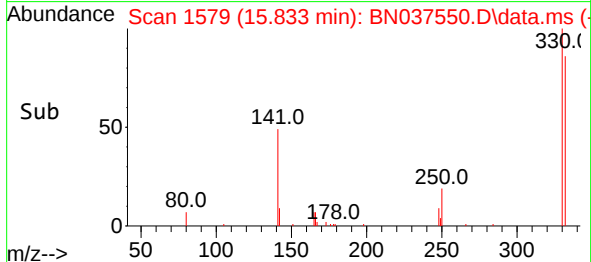
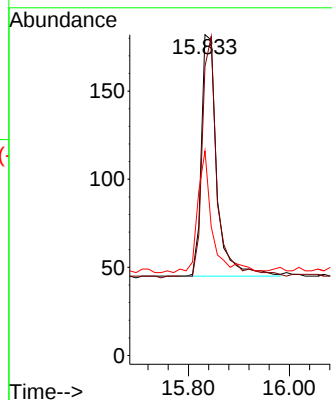
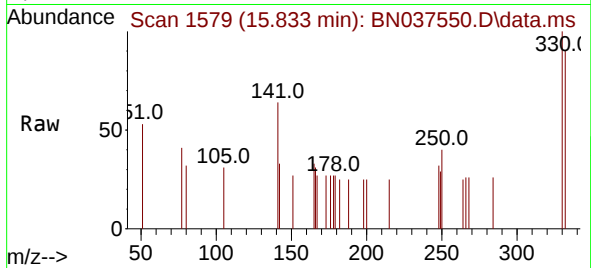




#14
2,4,6-Tribromophenol
Concen: 0.246 ng
RT: 15.833 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN037550.D
Acq: 30 Jul 2025 10:51

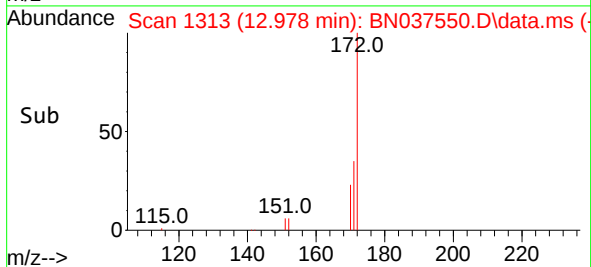
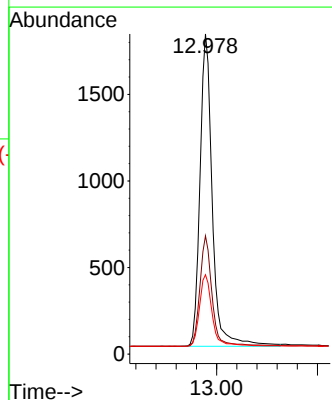
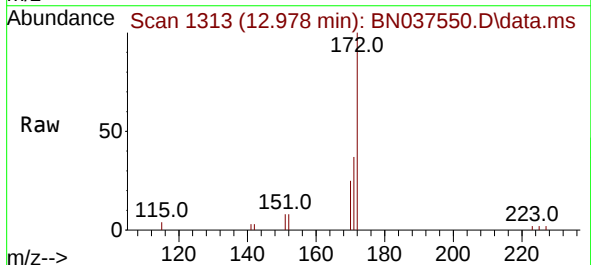
Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20250724

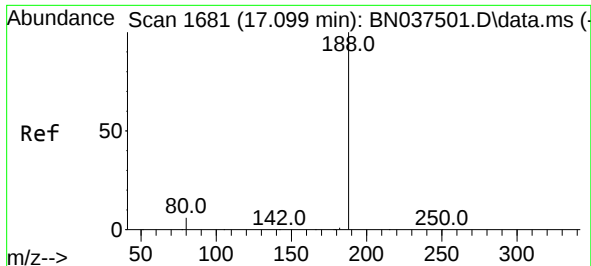
Tgt Ion:330 Resp: 293
Ion Ratio Lower Upper
330 100
332 94.2 76.1 114.1
141 47.1 33.4 50.0



#15
2-Fluorobiphenyl
Concen: 0.338 ng
RT: 12.978 min Scan# 1313
Delta R.T. -0.005 min
Lab File: BN037550.D
Acq: 30 Jul 2025 10:51

Tgt Ion:172 Resp: 4260
Ion Ratio Lower Upper
172 100
171 36.9 29.4 44.2
170 24.8 19.4 29.0

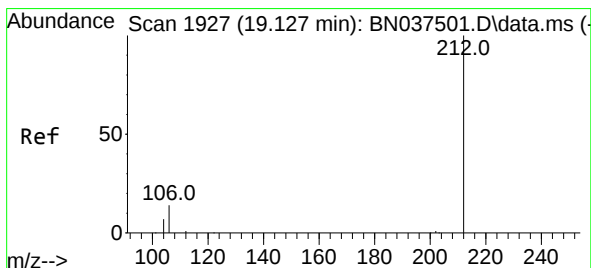
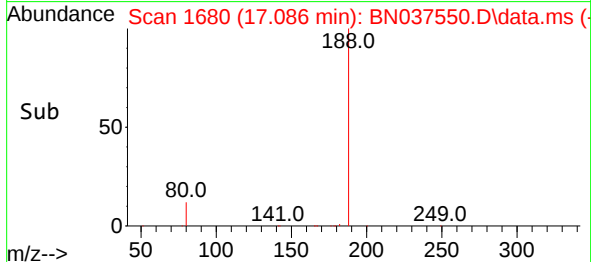
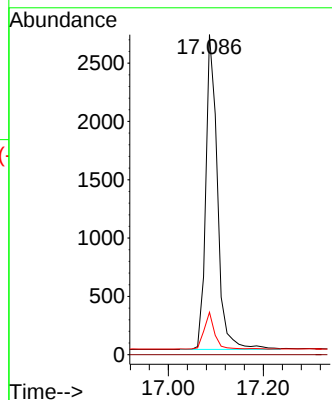
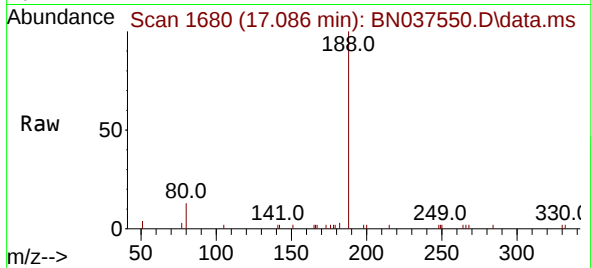




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1680
Delta R.T. -0.012 min
Lab File: BN037550.D
Acq: 30 Jul 2025 10:51

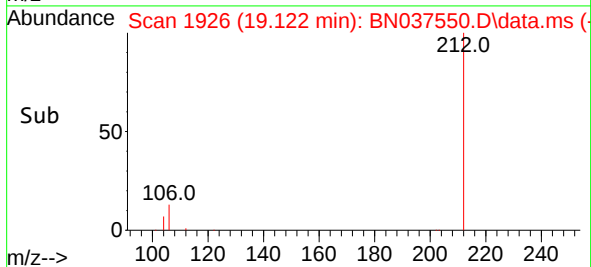
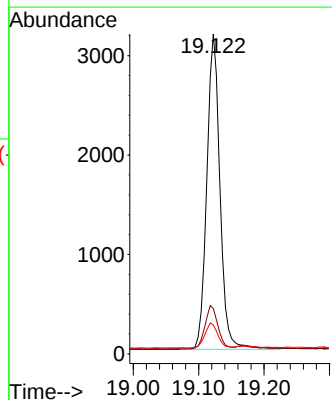
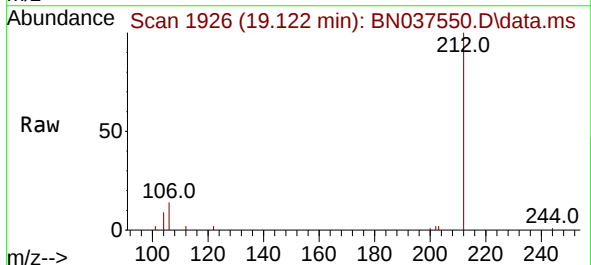
Instrument :
BNA_N
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RW8-SP100-20250724

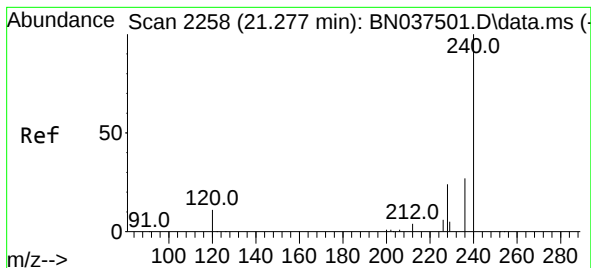
Tgt Ion:188 Resp: 4635
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.3 6.0 9.0#



#27
Fluoranthene-d10
Concen: 0.361 ng
RT: 19.122 min Scan# 1926
Delta R.T. -0.005 min
Lab File: BN037550.D
Acq: 30 Jul 2025 10:51

Tgt Ion:212 Resp: 4430
Ion Ratio Lower Upper
212 100
106 13.5 12.2 18.4
104 7.7 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: BN037550.D

Acq: 30 Jul 2025 10:51

Instrument :

BNA_N

ClientSampleId :

RW8-SP100-20250724

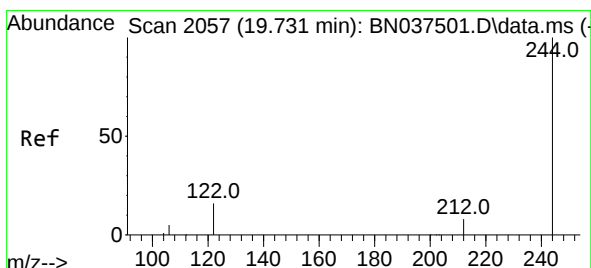
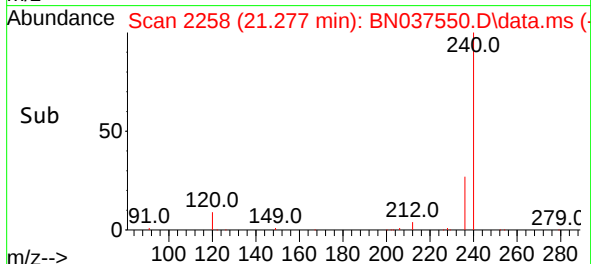
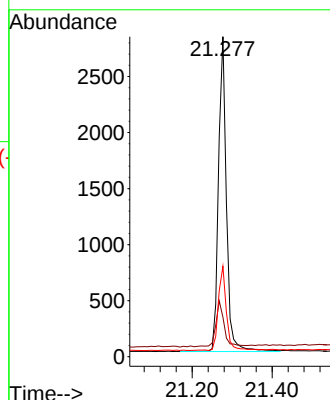
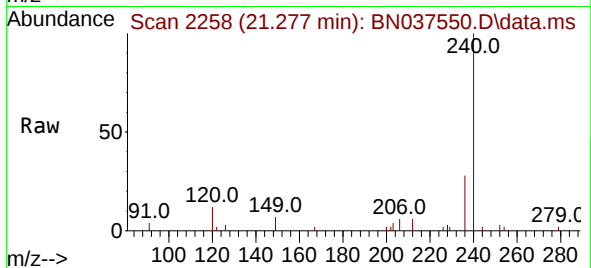
Tgt Ion:240 Resp: 3863

Ion Ratio Lower Upper

240 100

120 12.3 10.7 16.1

236 28.2 22.6 33.8



#31

Terphenyl-d14

Concen: 0.555 ng

RT: 19.726 min Scan# 2056

Delta R.T. -0.005 min

Lab File: BN037550.D

Acq: 30 Jul 2025 10:51

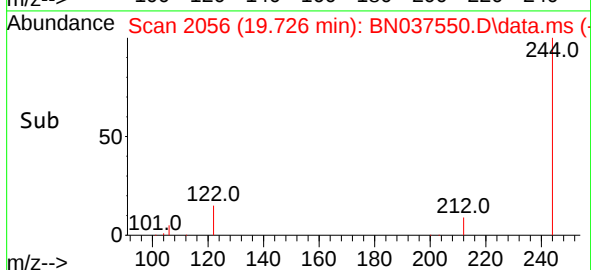
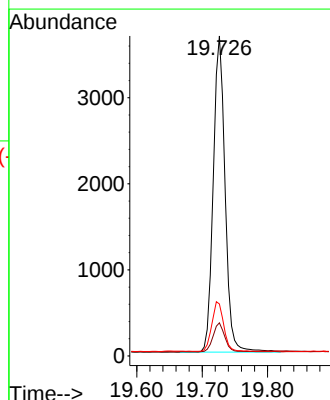
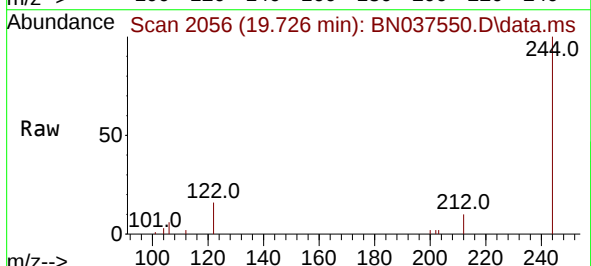
Tgt Ion:244 Resp: 4608

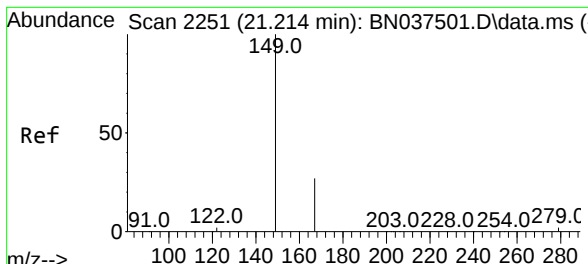
Ion Ratio Lower Upper

244 100

212 10.3 7.4 11.2

122 16.2 13.6 20.4



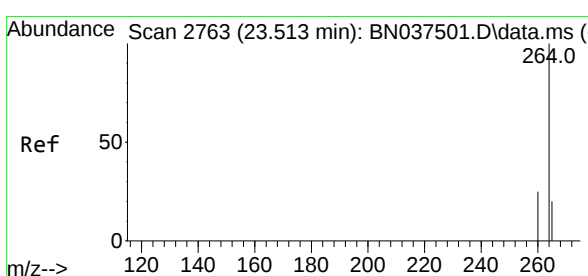
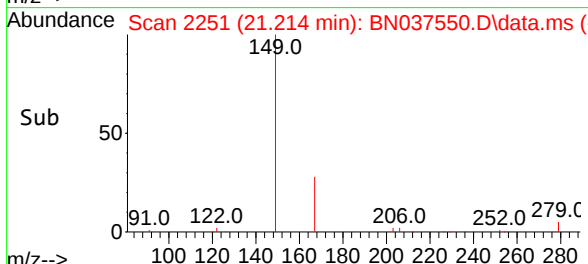
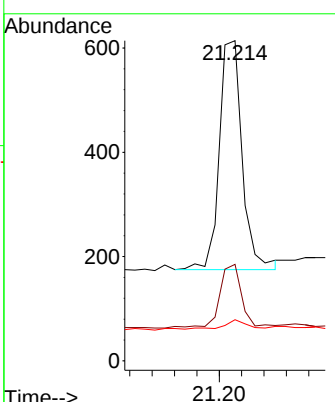
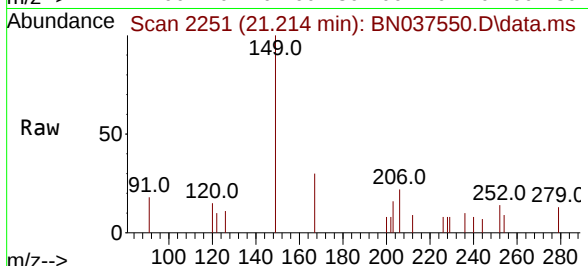


#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.102 ng
 RT: 21.214 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN037550.D
 Acq: 30 Jul 2025 10:51

Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP100-20250724

Tgt Ion: 149 Resp: 622

Ion	Ratio	Lower	Upper
149	100		
167	25.2	21.8	32.8
279	3.9	3.0	4.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.510 min Scan# 2762
 Delta R.T. -0.003 min
 Lab File: BN037550.D
 Acq: 30 Jul 2025 10:51

Tgt Ion: 264 Resp: 3344

Ion	Ratio	Lower	Upper
264	100		
260	27.8	21.2	31.8
265	62.5	40.4	60.6

