

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110425\
 Data File : BN038144.D
 Acq On : 04 Nov 2025 19:35
 Operator : RC/JU
 Sample : Q3525-01DL 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20251030DL

Quant Time: Nov 04 21:15:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 29 13:09:46 2025
 Response via : Initial Calibration

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

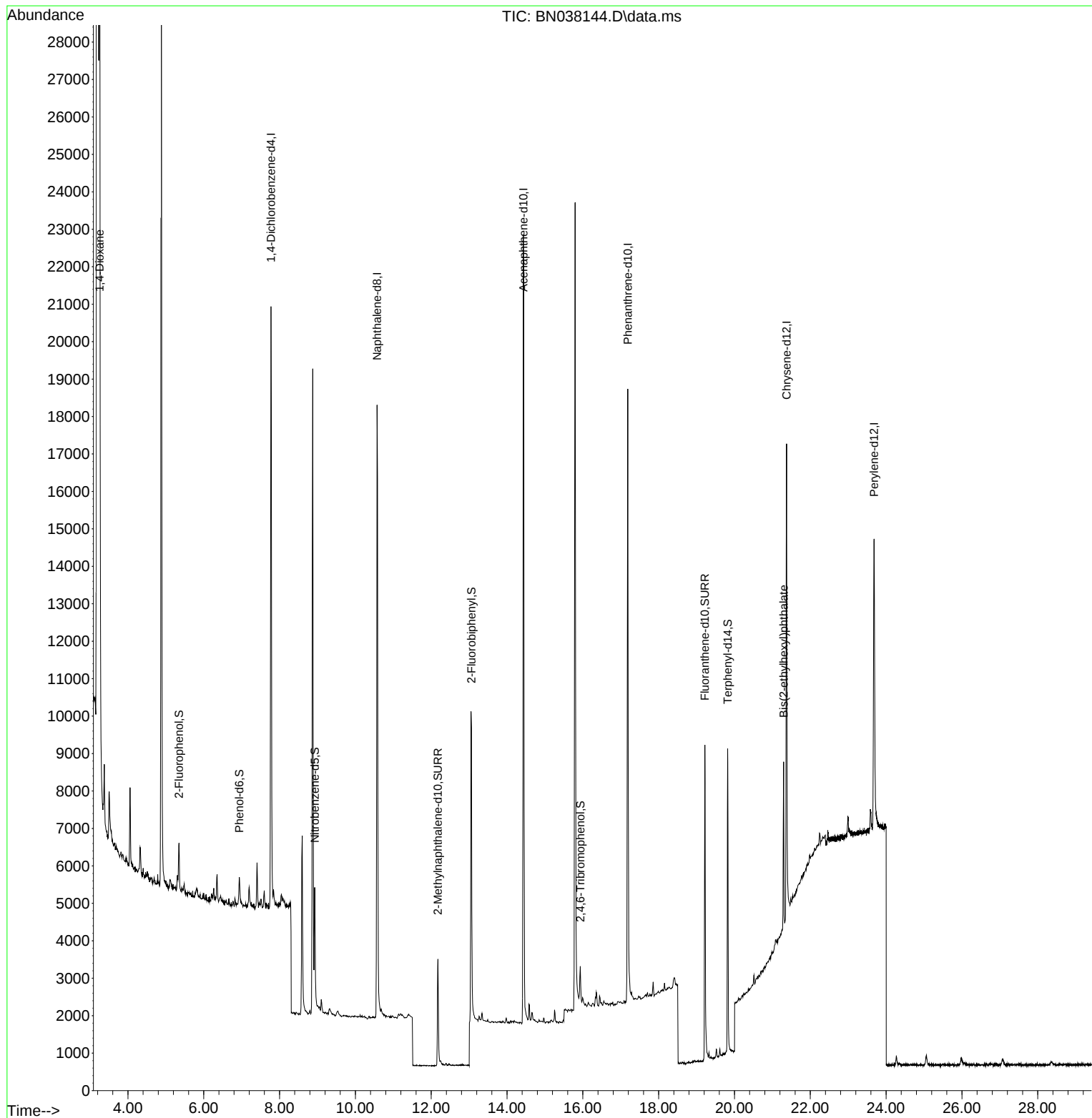
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	8331	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	24076	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	13164	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	23184	0.400	ng	0.00
29) Chrysene-d12	21.375	240	13188	0.400	ng	# 0.00
35) Perylene-d12	23.680	264	12045	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	1133	0.058	ng	0.00
5) Phenol-d6	6.937	99	774	0.032	ng	0.00
8) Nitrobenzene-d5	8.929	82	3058	0.157	ng	0.00
11) 2-Methylnaphthalene-d10	12.177	152	4628	0.135	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	640	0.118	ng	0.00
15) 2-Fluorobiphenyl	13.062	172	8130	0.154	ng	0.01
27) Fluoranthene-d10	19.220	212	9837	0.168	ng	0.00
31) Terphenyl-d14	19.819	244	7846	0.274	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.254	88	27212	3.161	ng	Qvalue 98
34) Bis(2-ethylhexyl)phtha...	21.295	149	4015	0.162	ng	100

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

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BNA_N
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RW5-SP100-20251030DL

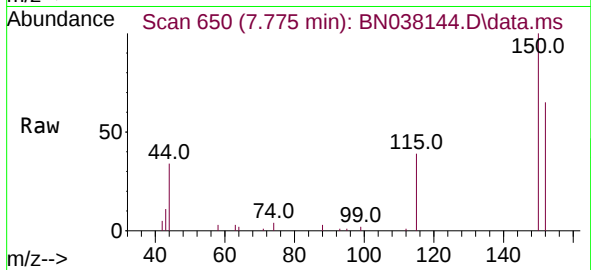
Quant Time: Nov 04 21:15:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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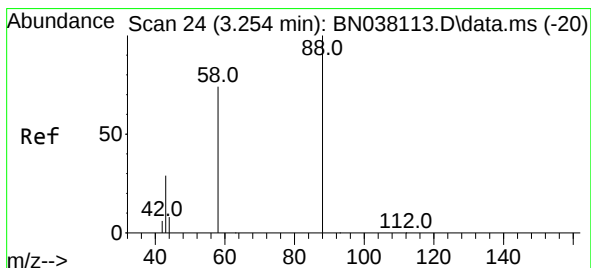
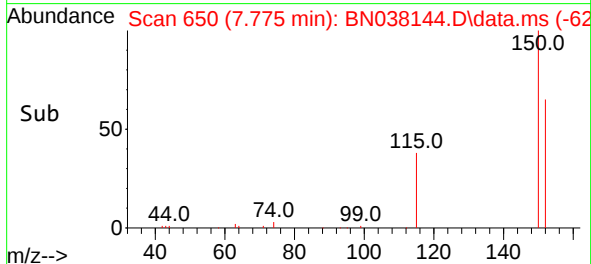
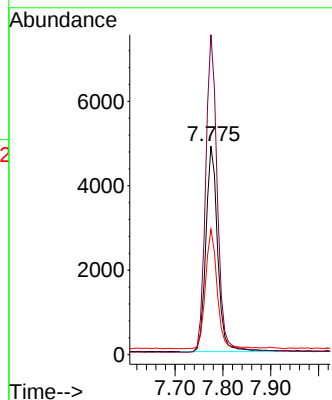


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.775 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN038144.D
 Acq: 04 Nov 2025 19:35

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20251030DL

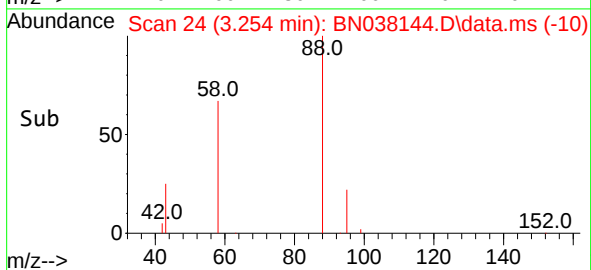
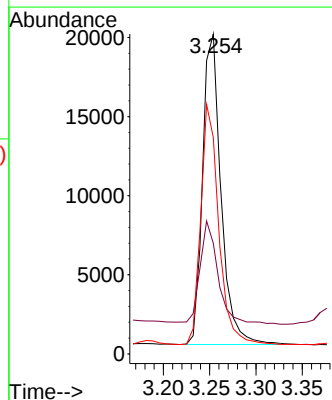
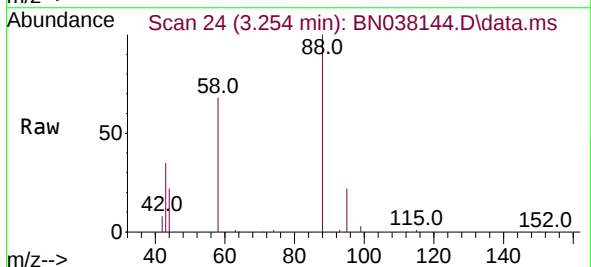


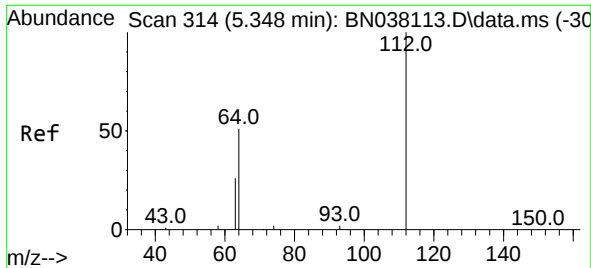
Tgt Ion:152 Resp: 8331
 Ion Ratio Lower Upper
 152 100
 150 153.5 122.3 183.5
 115 60.1 47.4 71.0



#2
 1,4-Dioxane
 Concen: 3.161 ng
 RT: 3.254 min Scan# 24
 Delta R.T. 0.000 min
 Lab File: BN038144.D
 Acq: 04 Nov 2025 19:35

Tgt Ion: 88 Resp: 27212
 Ion Ratio Lower Upper
 88 100
 43 32.7 24.3 36.5
 58 75.1 60.4 90.6

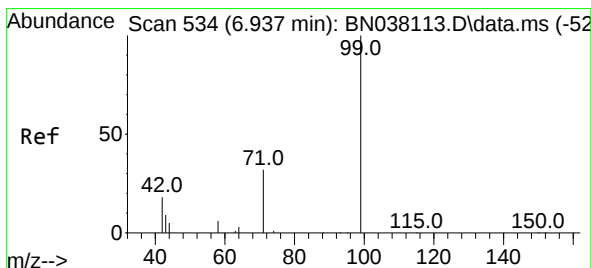
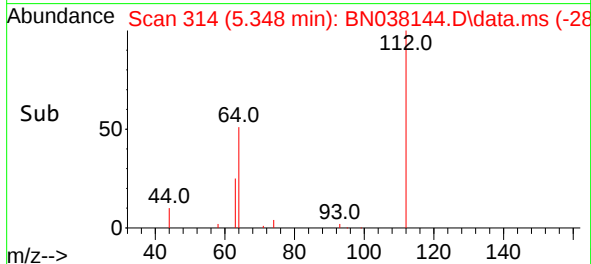
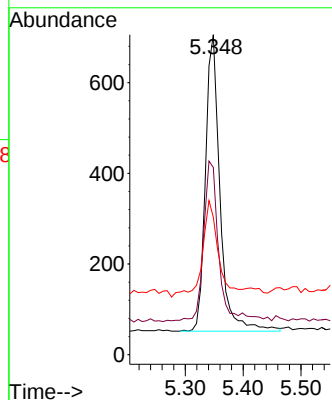
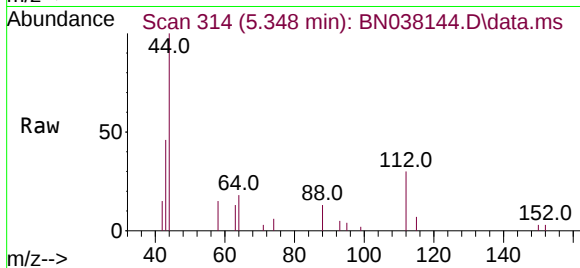




#4
2-Fluorophenol
Concen: 0.058 ng
RT: 5.348 min Scan# 314
Delta R.T. 0.000 min
Lab File: BN038144.D
Acq: 04 Nov 2025 19:35

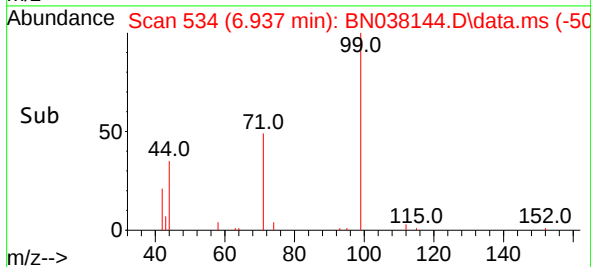
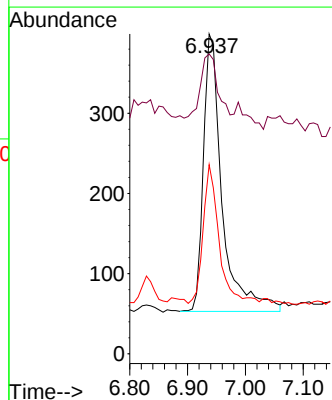
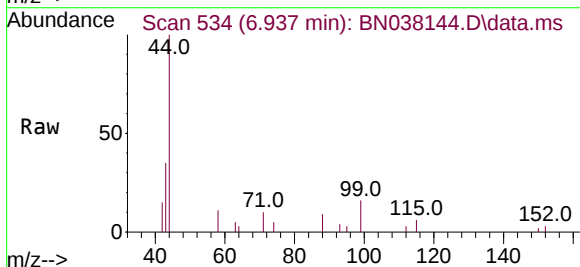
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20251030DL

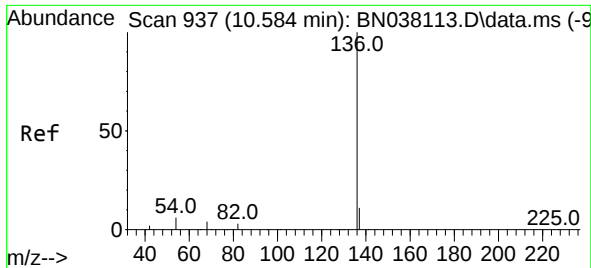
Tgt Ion: 112 Resp: 1133
Ion Ratio Lower Upper
112 100
64 57.4 45.4 68.0
63 35.6 23.2 34.8#



#5
Phenol-d6
Concen: 0.032 ng
RT: 6.937 min Scan# 534
Delta R.T. 0.000 min
Lab File: BN038144.D
Acq: 04 Nov 2025 19:35

Tgt Ion: 99 Resp: 774
Ion Ratio Lower Upper
99 100
42 20.5 16.6 24.8
71 42.2 25.4 38.2#

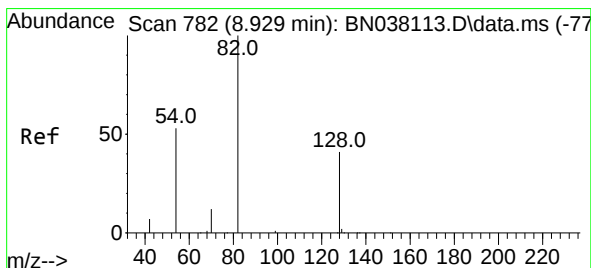
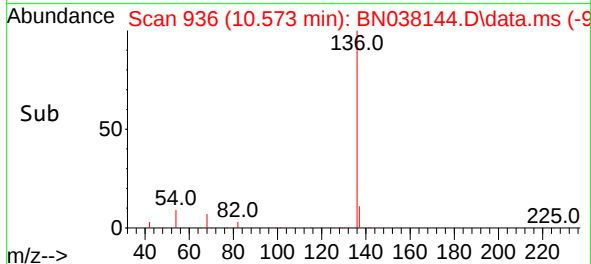
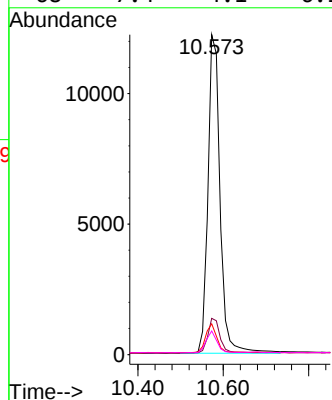
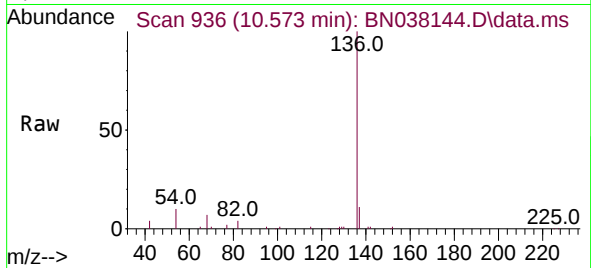




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 937
Delta R.T. 0.000 min
Lab File: BN038144.D
Acq: 04 Nov 2025 19:35

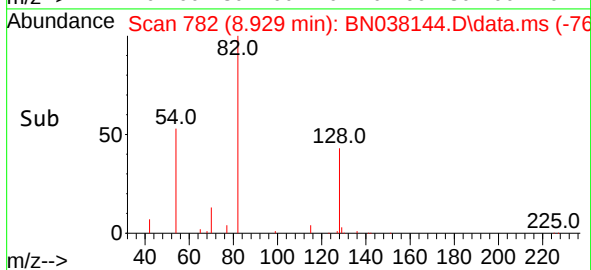
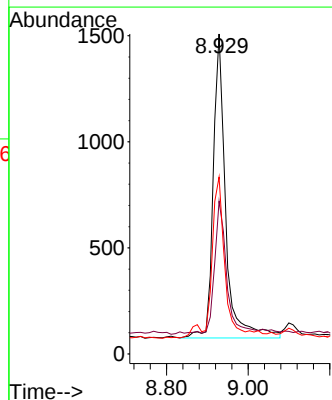
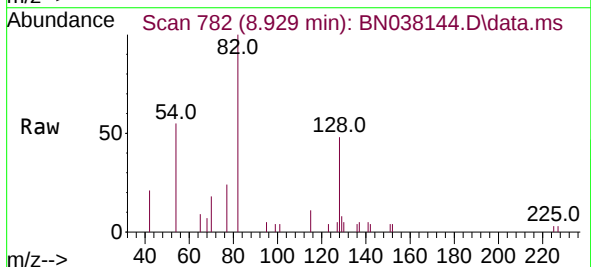
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20251030DL

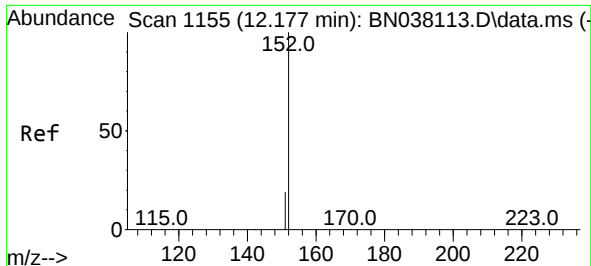
Tgt Ion:	136	Resp:	24076
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	9.6	5.2	7.8#
68	7.4	4.1	6.1#



#8
Nitrobenzene-d5
Concen: 0.157 ng
RT: 8.929 min Scan# 782
Delta R.T. 0.000 min
Lab File: BN038144.D
Acq: 04 Nov 2025 19:35

Tgt Ion:	82	Resp:	3058
Ion	Ratio	Lower	Upper
82	100		
128	47.7	34.1	51.1
54	55.3	43.5	65.3

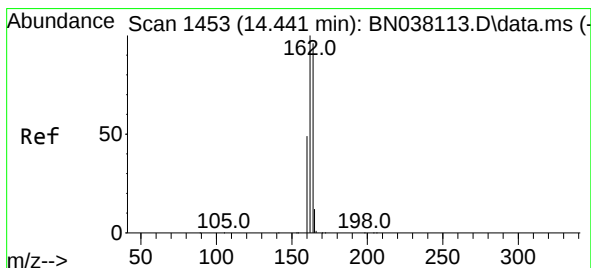
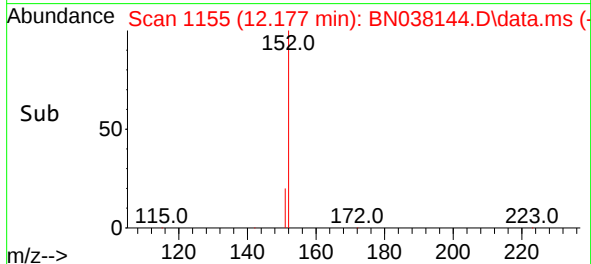
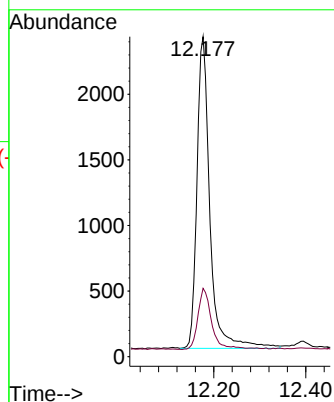
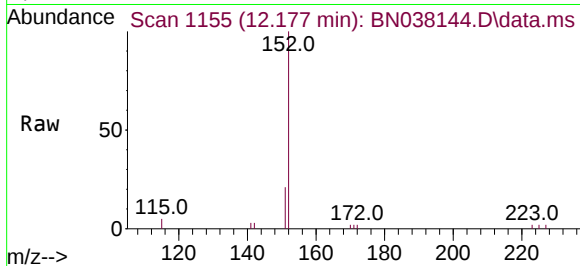




#11
2-Methylnaphthalene-d10
Concen: 0.135 ng
RT: 12.177 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BN038144.D
Acq: 04 Nov 2025 19:35

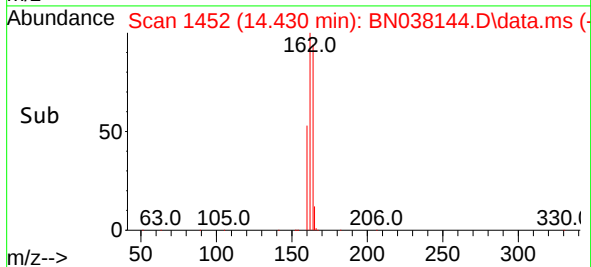
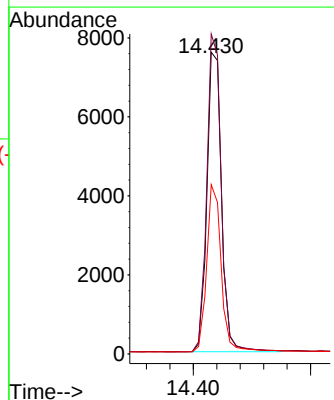
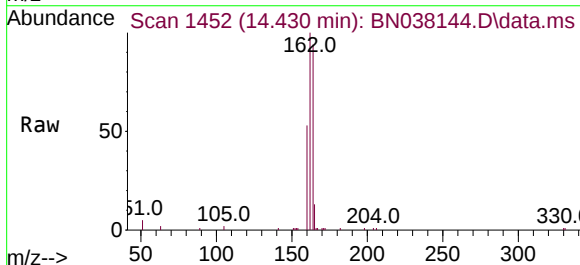
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20251030DL

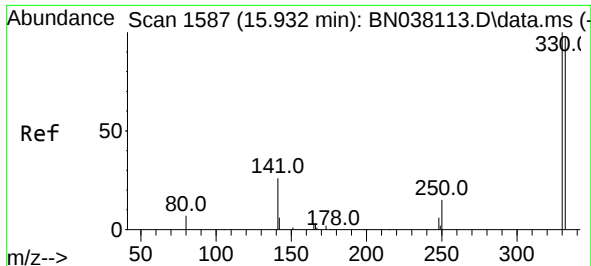
Tgt Ion:152 Resp: 4628
Ion Ratio Lower Upper
152 100
151 20.7 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BN038144.D
Acq: 04 Nov 2025 19:35

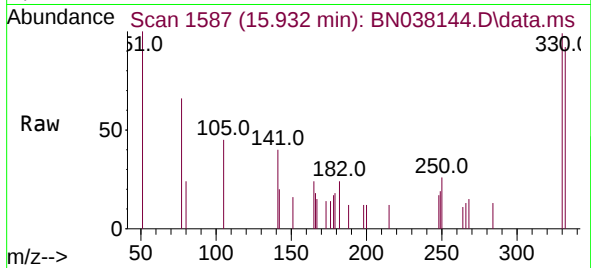
Tgt Ion:164 Resp: 13164
Ion Ratio Lower Upper
164 100
162 106.0 83.0 124.4
160 56.1 40.7 61.1



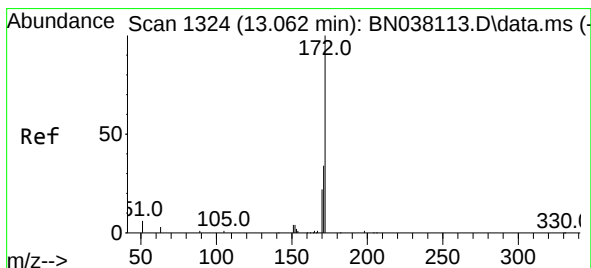
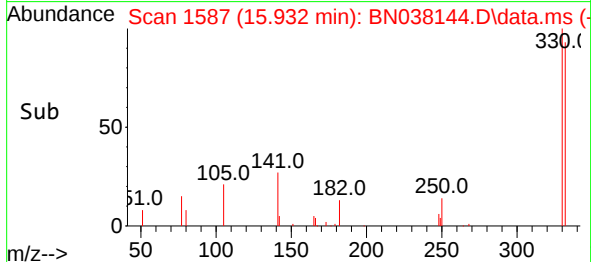
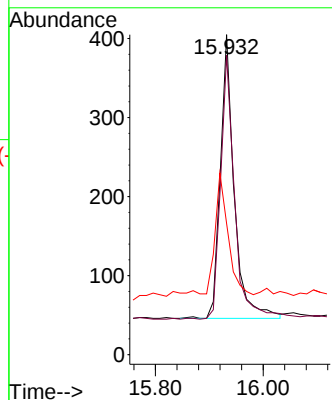


#14
2,4,6-Tribromophenol
Concen: 0.118 ng
RT: 15.932 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN038144.D
Acq: 04 Nov 2025 19:35

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20251030DL

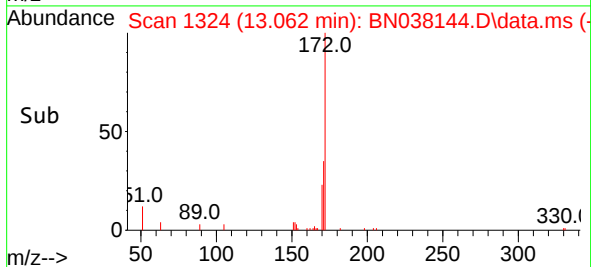
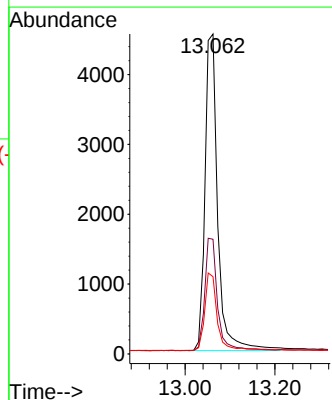
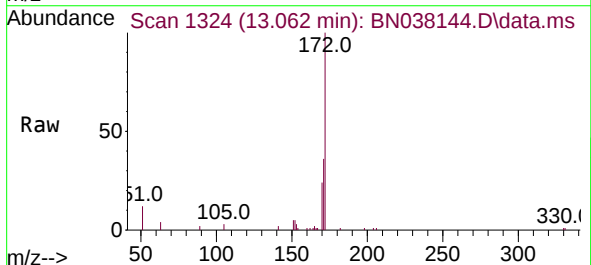


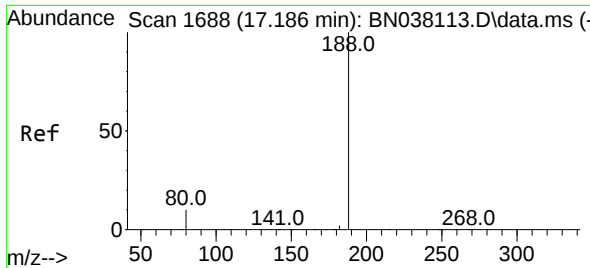
Tgt Ion:330 Resp: 640
Ion Ratio Lower Upper
330 100
332 95.8 76.6 114.8
141 47.3 34.1 51.1



#15
2-Fluorobiphenyl
Concen: 0.154 ng
RT: 13.062 min Scan# 1324
Delta R.T. 0.011 min
Lab File: BN038144.D
Acq: 04 Nov 2025 19:35

Tgt Ion:172 Resp: 8130
Ion Ratio Lower Upper
172 100
171 35.8 27.8 41.6
170 24.1 18.1 27.1

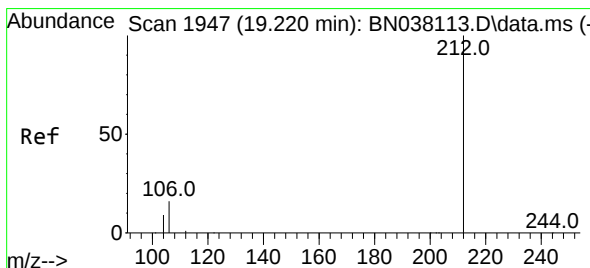
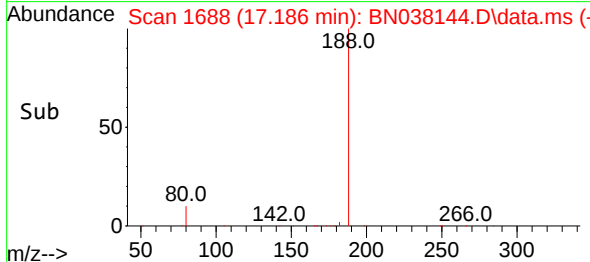
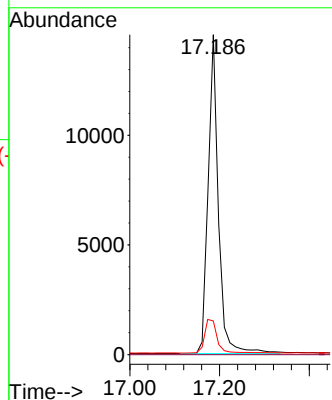
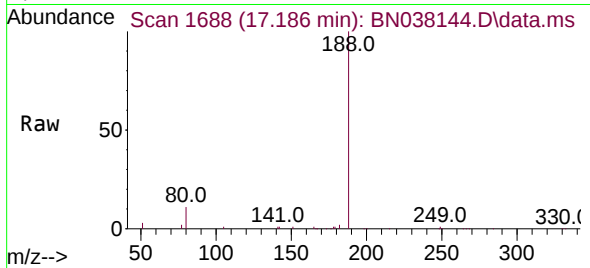




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BN038144.D
Acq: 04 Nov 2025 19:35

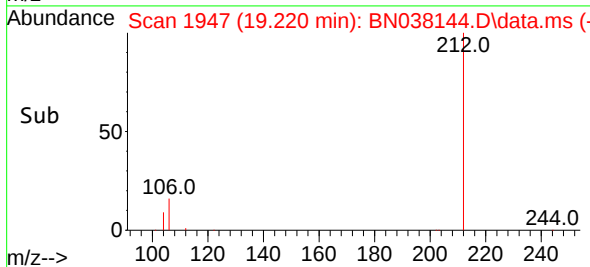
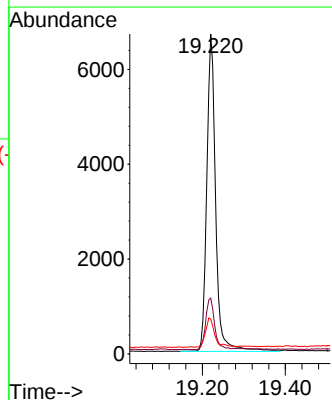
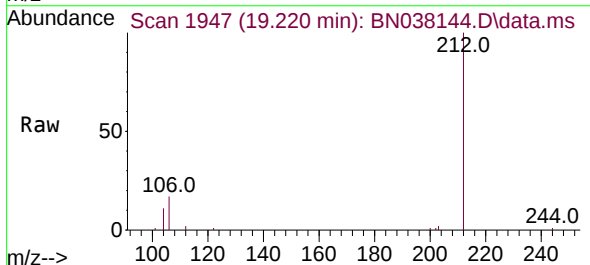
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20251030DL

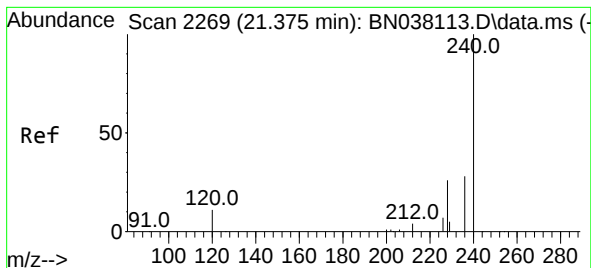
Tgt Ion:188 Resp: 23184
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.5 8.6 13.0



#27
Fluoranthene-d10
Concen: 0.168 ng
RT: 19.220 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BN038144.D
Acq: 04 Nov 2025 19:35

Tgt Ion:212 Resp: 9837
Ion Ratio Lower Upper
212 100
106 16.4 12.6 19.0
104 9.7 7.1 10.7





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.375 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN038144.D

Acq: 04 Nov 2025 19:35

Instrument :

BNA_N

ClientSampleId :

RW5-SP100-20251030DL

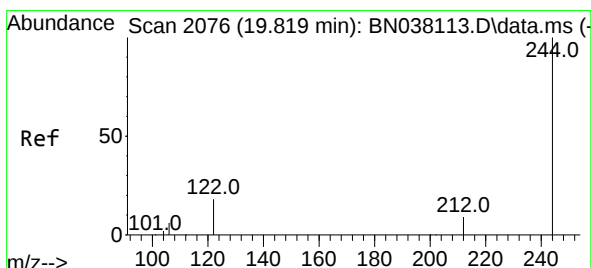
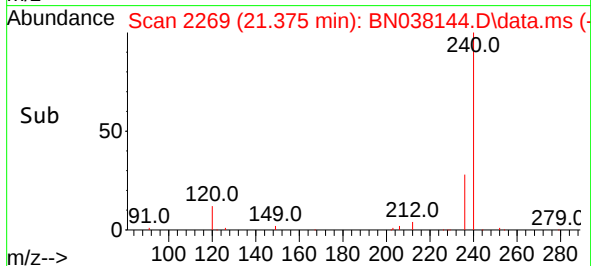
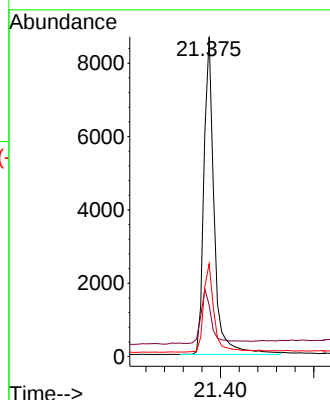
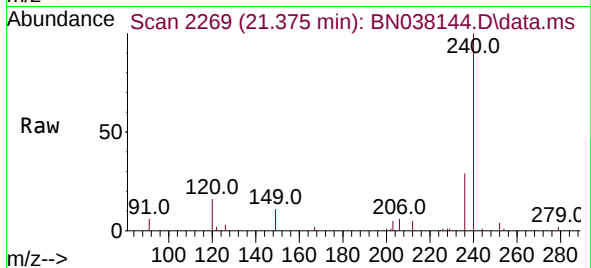
Tgt Ion:240 Resp: 13188

Ion Ratio Lower Upper

240 100

120 16.1 10.7 16.1#

236 29.0 23.1 34.7



#31

Terphenyl-d14

Concen: 0.274 ng

RT: 19.819 min Scan# 2076

Delta R.T. 0.000 min

Lab File: BN038144.D

Acq: 04 Nov 2025 19:35

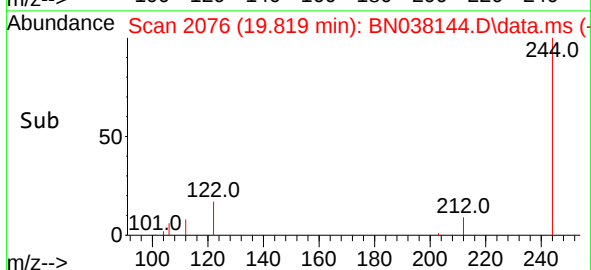
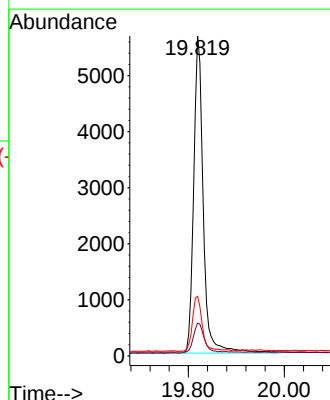
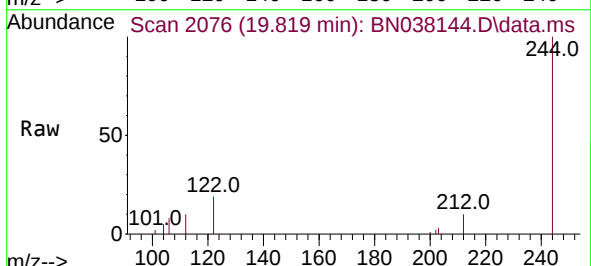
Tgt Ion:244 Resp: 7846

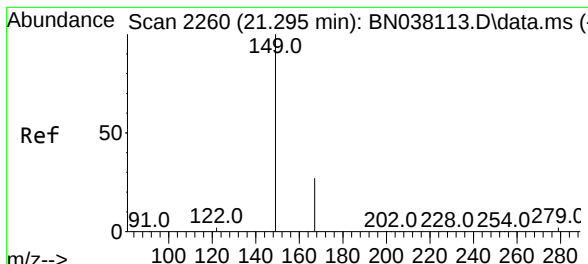
Ion Ratio Lower Upper

244 100

212 10.3 7.8 11.6

122 18.6 15.2 22.8

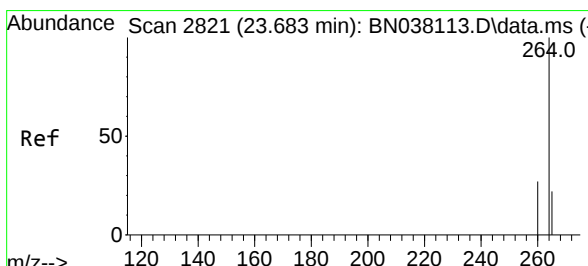
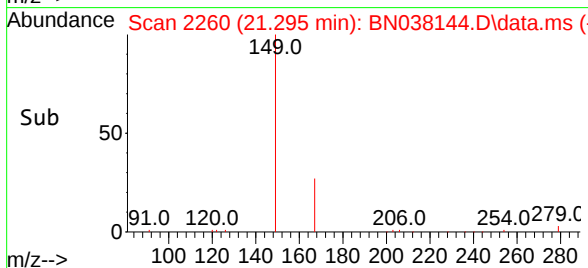
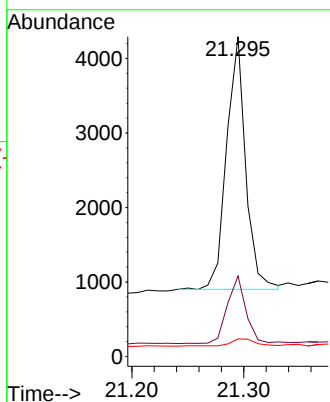
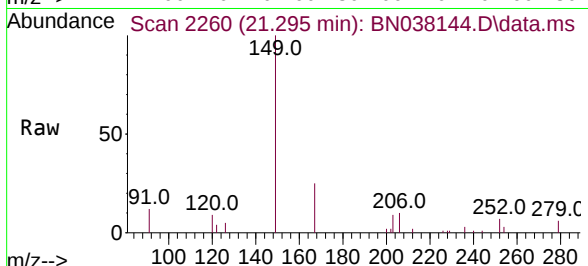




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.162 ng
 RT: 21.295 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN038144.D
 Acq: 04 Nov 2025 19:35

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20251030DL

Tgt Ion:	149	Resp:	4015
Ion Ratio	Lower	Upper	
149	100		
167	26.4	21.1	31.7
279	4.0	2.9	4.3



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.680 min Scan# 2820
 Delta R.T. 0.000 min
 Lab File: BN038144.D
 Acq: 04 Nov 2025 19:35

Tgt Ion:	264	Resp:	12045
Ion Ratio	Lower	Upper	
264	100		
260	27.4	21.8	32.8
265	106.4	68.6	102.8#

