

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091925\
 Data File : BN037826.D
 Acq On : 19 Sep 2025 22:13
 Operator : RC/JU
 Sample : Q3127-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 19 23:51:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 14:20:01 2025
 Response via : Initial Calibration

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

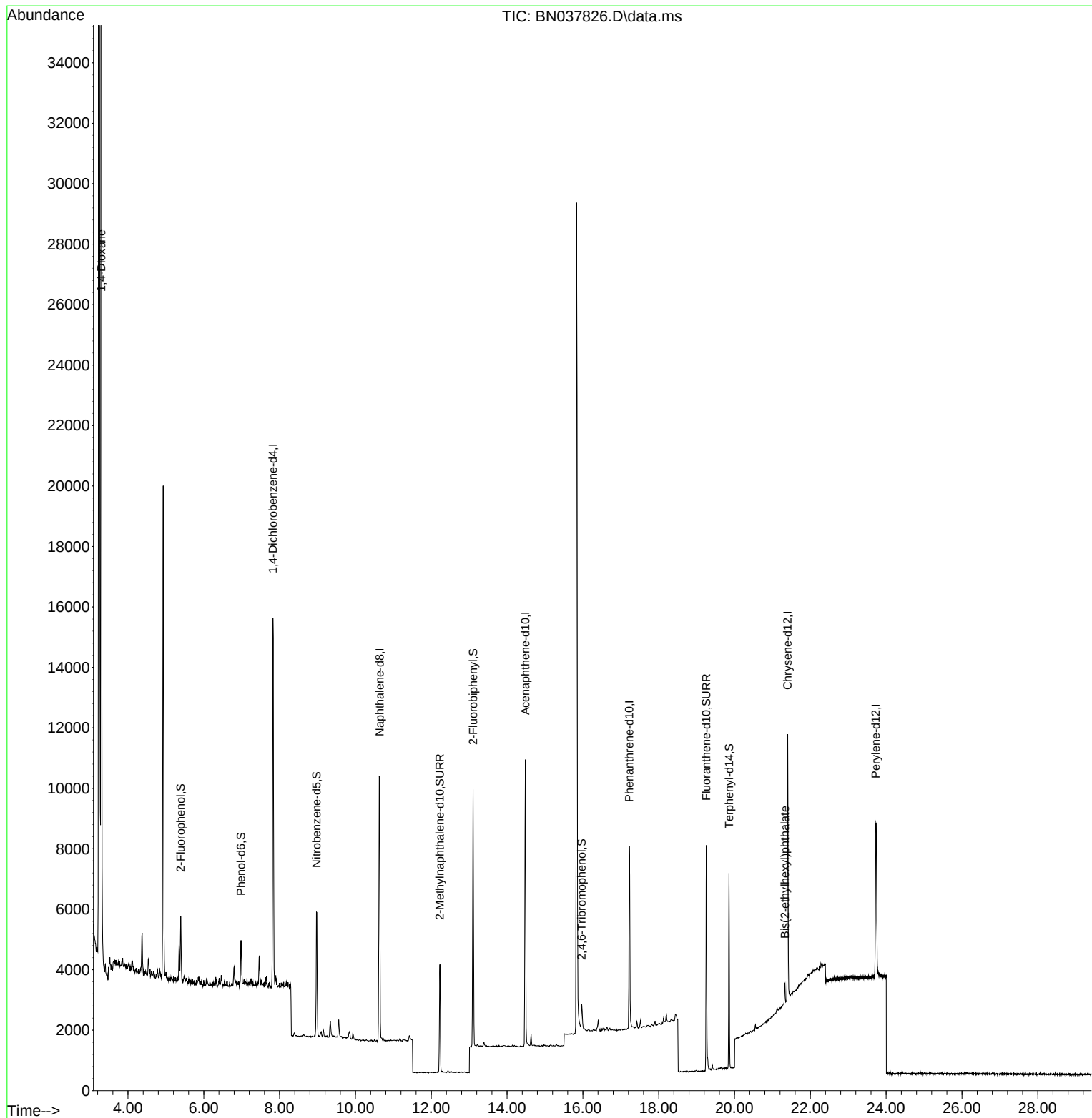
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.826	152	5595	0.400	ng	-0.01
7) Naphthalene-d8	10.637	136	12577	0.400	ng	#-0.01
13) Acenaphthene-d10	14.484	164	5333	0.400	ng	-0.01
19) Phenanthrene-d10	17.223	188	9207	0.400	ng	-0.01
29) Chrysene-d12	21.402	240	7688	0.400	ng	#-0.02
35) Perylene-d12	23.730	264	7581	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	1647	0.128	ng	0.00
5) Phenol-d6	6.981	99	1226	0.074	ng	0.00
8) Nitrobenzene-d5	8.971	82	3547	0.386	ng	-0.02
11) 2-Methylnaphthalene-d10	12.228	152	4790	0.287	ng	-0.02
14) 2,4,6-Tribromophenol	15.969	330	549	0.395	ng	-0.01
15) 2-Fluorobiphenyl	13.105	172	7120	0.319	ng	-0.01
27) Fluoranthene-d10	19.257	212	8150	0.353	ng	-0.01
31) Terphenyl-d14	19.857	244	5891	0.378	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.297	88	30879	5.299	ng	95
34) Bis(2-ethylhexyl)phtha...	21.331	149	722	0.091	ng	# 98

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

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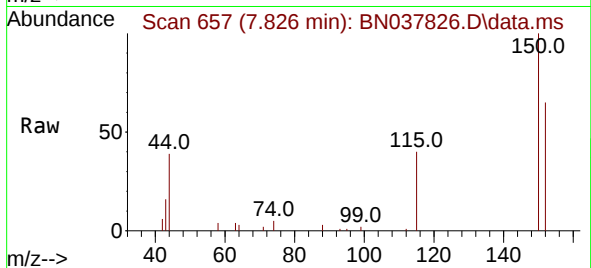
Quant Time: Sep 19 23:51:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



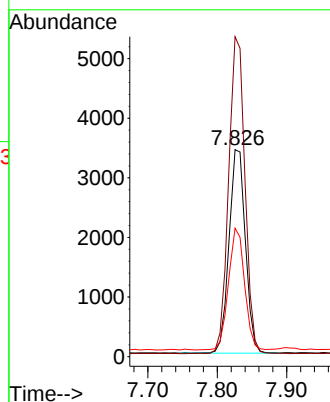
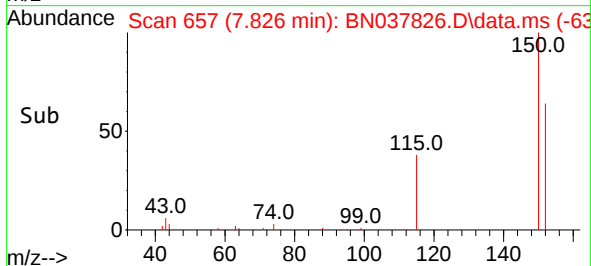


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.826 min Scan# 61
 Delta R.T. -0.014 min
 Lab File: BN037826.D
 Acq: 19 Sep 2025 22:13

Instrument :
 BNA_N
 ClientSampleId :

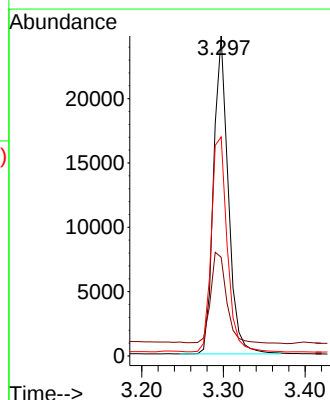
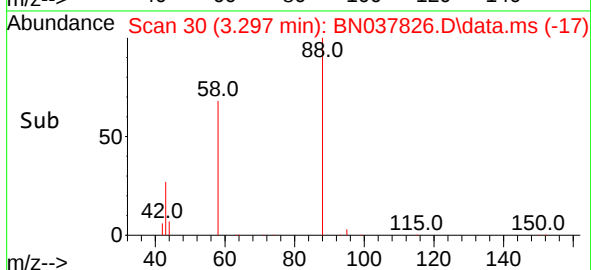
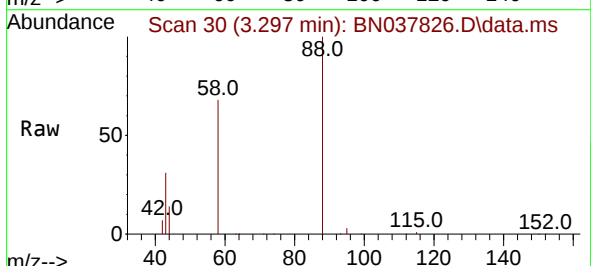


Tgt Ion:152 Resp: 5595
 Ion Ratio Lower Upper
 152 100
 150 154.6 124.5 186.7
 115 62.1 49.2 73.8



#2
 1,4-Dioxane
 Concen: 5.299 ng
 RT: 3.297 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN037826.D
 Acq: 19 Sep 2025 22:13

Tgt Ion: 88 Resp: 30879
 Ion Ratio Lower Upper
 88 100
 43 31.0 26.8 40.2
 58 73.3 61.9 92.9

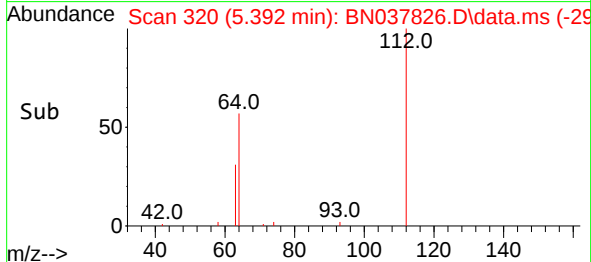
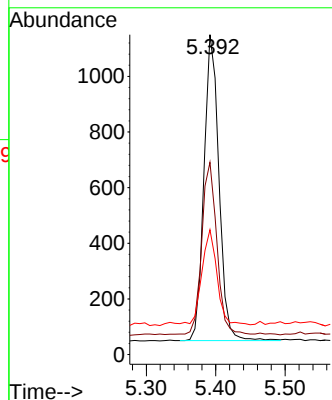
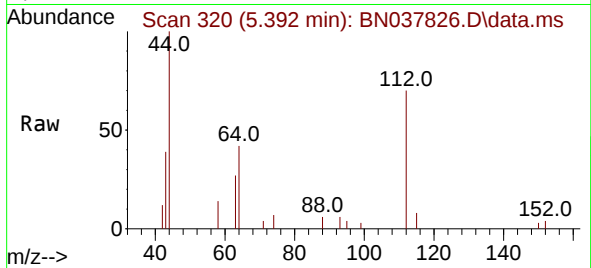




#4
2-Fluorophenol
Concen: 0.128 ng
RT: 5.392 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN037826.D
Acq: 19 Sep 2025 22:13

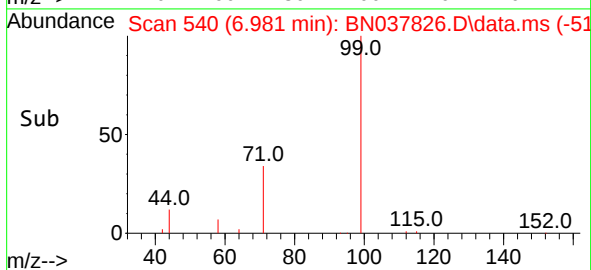
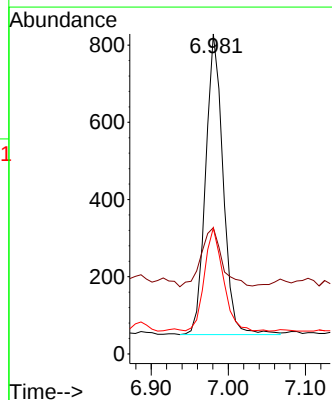
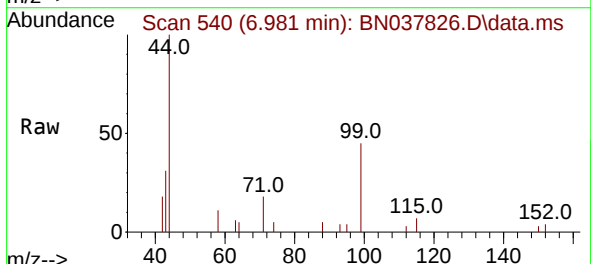
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 1647
Ion Ratio Lower Upper
112 100
64 56.3 44.9 67.3
63 31.6 24.7 37.1



#5
Phenol-d6
Concen: 0.074 ng
RT: 6.981 min Scan# 540
Delta R.T. -0.007 min
Lab File: BN037826.D
Acq: 19 Sep 2025 22:13

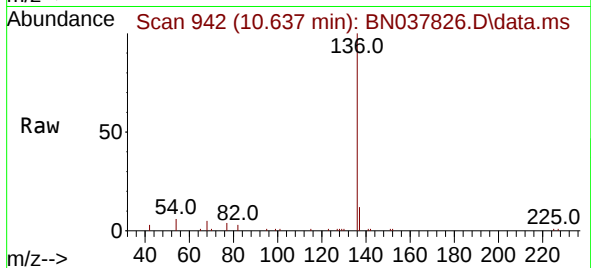
Tgt Ion: 99 Resp: 1226
Ion Ratio Lower Upper
99 100
42 23.2 16.6 24.8
71 37.0 26.7 40.1



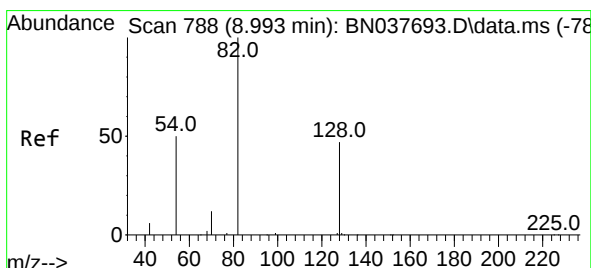
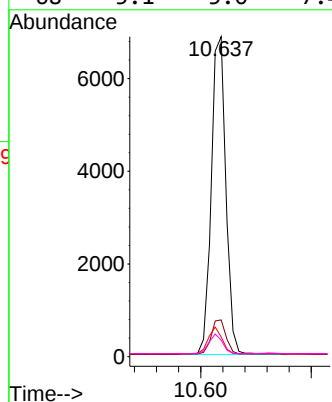


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 943
Delta R.T. -0.011 min
Lab File: BN037826.D
Acq: 19 Sep 2025 22:13

Instrument :
BNA_N
ClientSampleId :

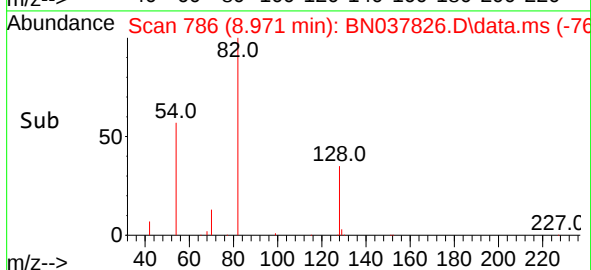
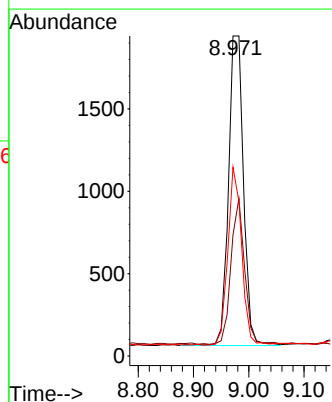
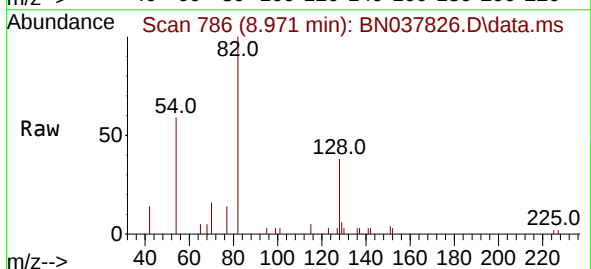


Tgt Ion:	136	Resp:	12577
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.1	13.7
54	6.2	6.3	9.5#
68	5.1	5.0	7.4



#8
Nitrobenzene-d5
Concen: 0.386 ng
RT: 8.971 min Scan# 786
Delta R.T. -0.021 min
Lab File: BN037826.D
Acq: 19 Sep 2025 22:13

Tgt Ion:	82	Resp:	3547
Ion Ratio	Lower	Upper	
82	100		
128	37.9	38.3	57.5#
54	59.0	41.4	62.2

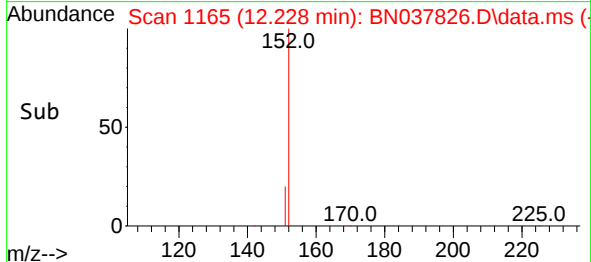
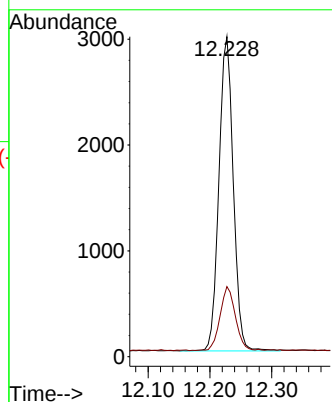
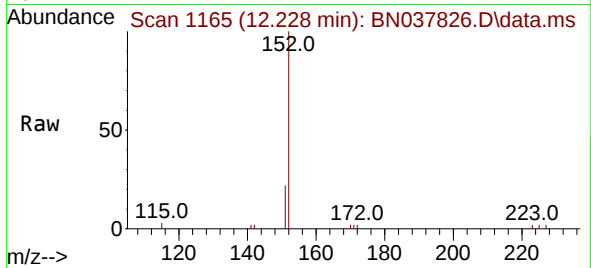




#11
2-Methylnaphthalene-d10
Concen: 0.287 ng
RT: 12.228 min Scan# 1165
Delta R.T. -0.015 min
Lab File: BN037826.D
Acq: 19 Sep 2025 22:13

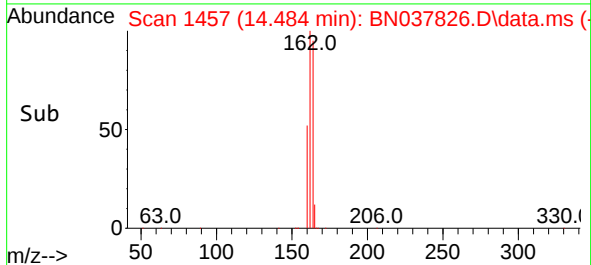
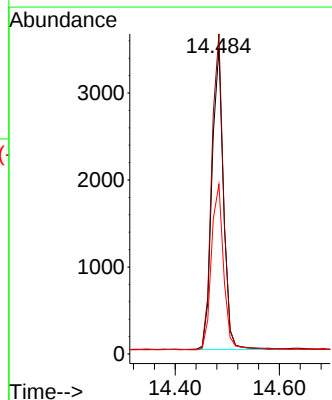
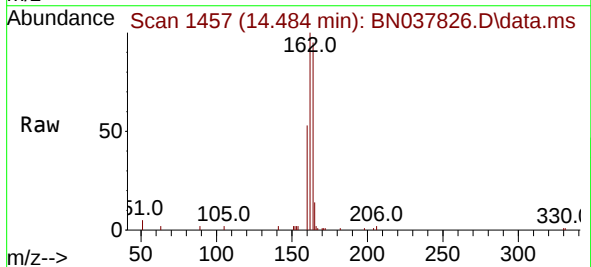
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 4790
Ion Ratio Lower Upper
152 100
151 21.8 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1457
Delta R.T. -0.011 min
Lab File: BN037826.D
Acq: 19 Sep 2025 22:13

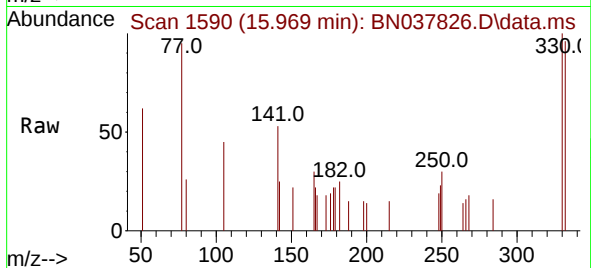
Tgt Ion:164 Resp: 5333
Ion Ratio Lower Upper
164 100
162 104.8 83.1 124.7
160 55.6 44.3 66.5



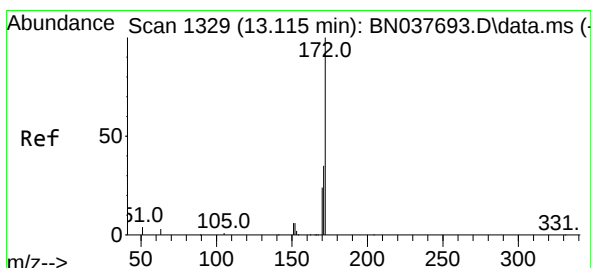
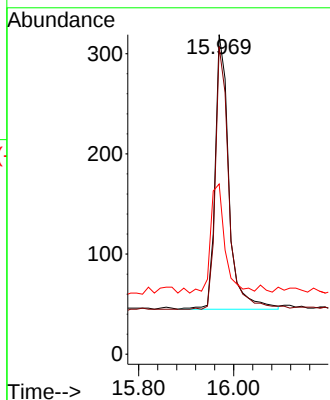
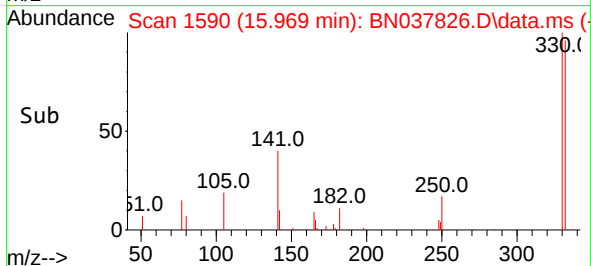


#14
2,4,6-Tribromophenol
Concen: 0.395 ng
RT: 15.969 min Scan# 1590
Delta R.T. -0.013 min
Lab File: BN037826.D
Acq: 19 Sep 2025 22:13

Instrument :
BNA_N
ClientSampleId :

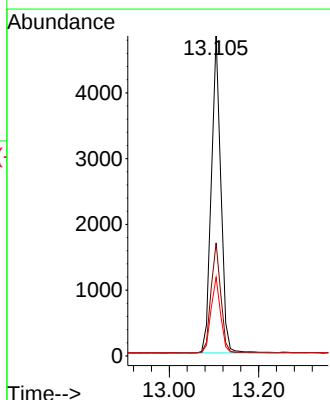
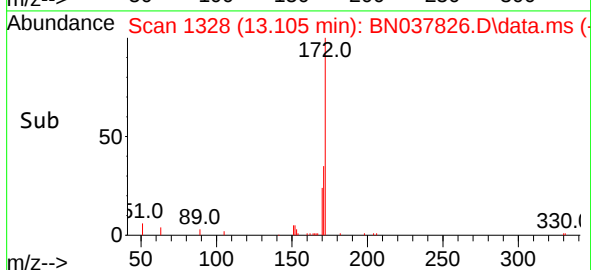
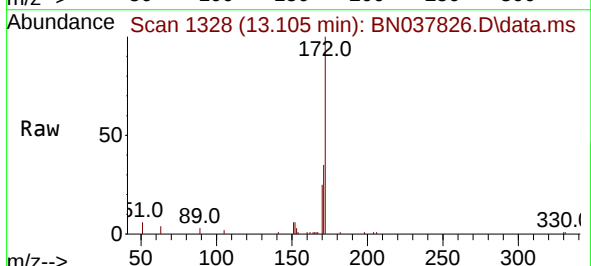


Tgt Ion:330 Resp: 549
Ion Ratio Lower Upper
330 100
332 94.4 75.3 112.9
141 41.9 35.0 52.4



#15
2-Fluorobiphenyl
Concen: 0.319 ng
RT: 13.105 min Scan# 1328
Delta R.T. -0.011 min
Lab File: BN037826.D
Acq: 19 Sep 2025 22:13

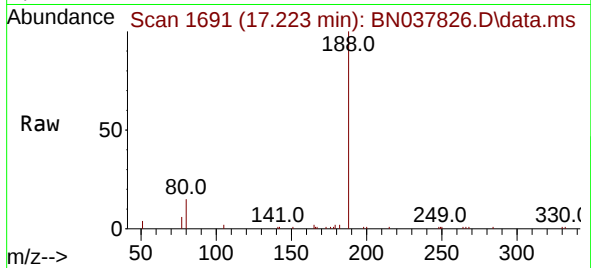
Tgt Ion:172 Resp: 7120
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 24.6 19.8 29.8



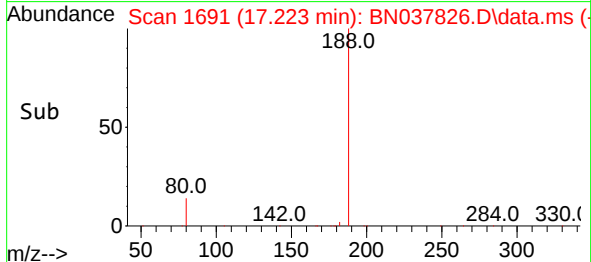
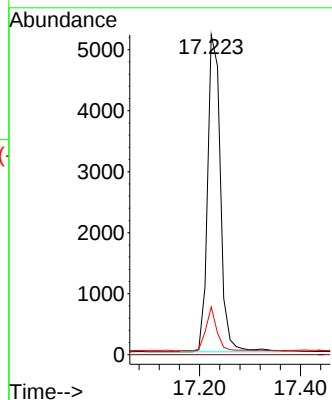


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 1691
Delta R.T. -0.012 min
Lab File: BN037826.D
Acq: 19 Sep 2025 22:13

Instrument :
BNA_N
ClientSampleId :

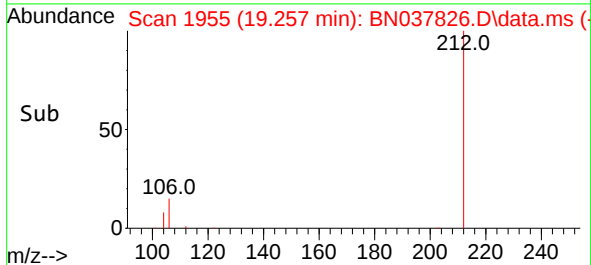
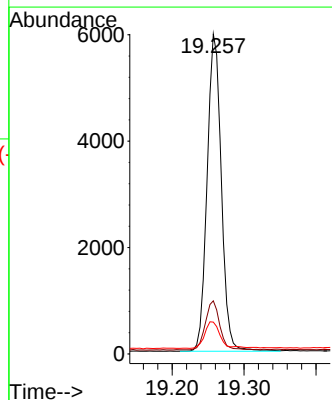
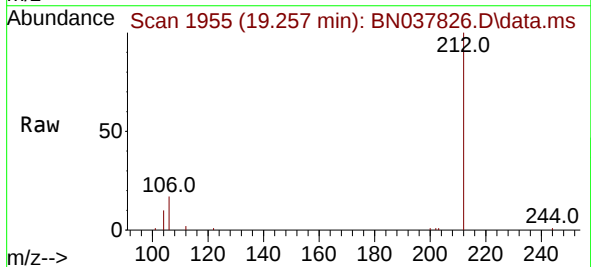


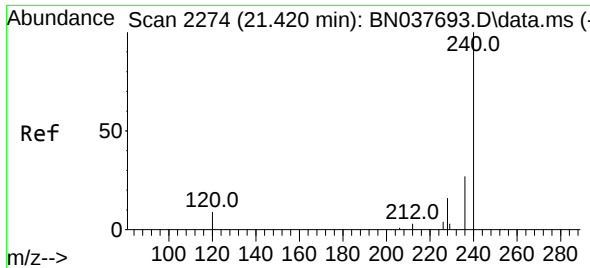
Tgt Ion:188 Resp: 9207
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.9 10.6 15.8



#27
Fluoranthene-d10
Concen: 0.353 ng
RT: 19.257 min Scan# 1955
Delta R.T. -0.014 min
Lab File: BN037826.D
Acq: 19 Sep 2025 22:13

Tgt Ion:212 Resp: 8150
Ion Ratio Lower Upper
212 100
106 15.5 12.2 18.2
104 9.4 6.9 10.3

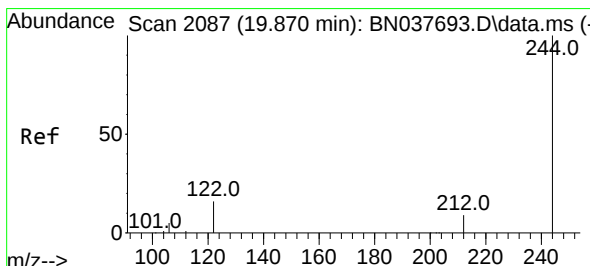
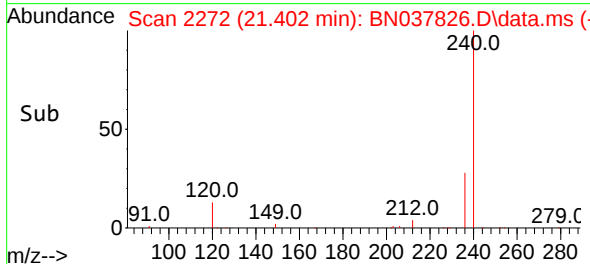
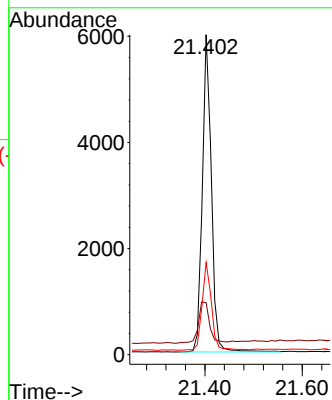
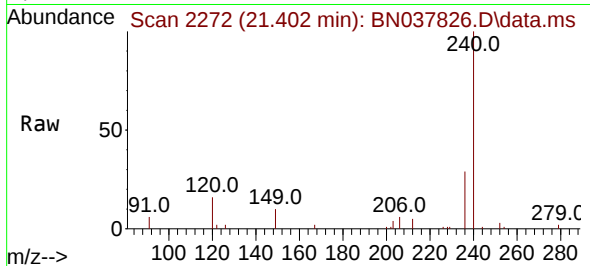




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.402 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN037826.D
Acq: 19 Sep 2025 22:13

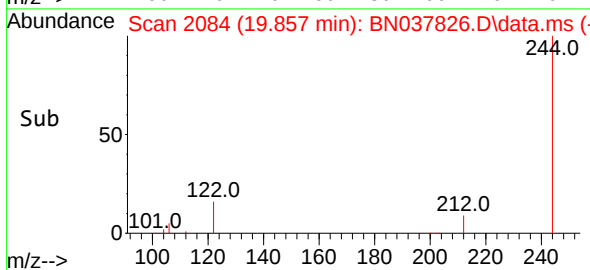
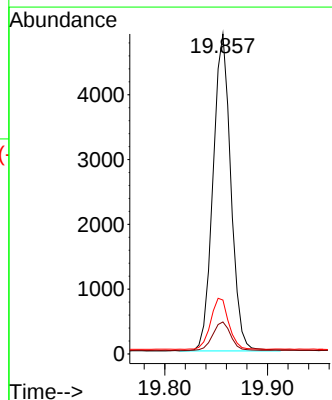
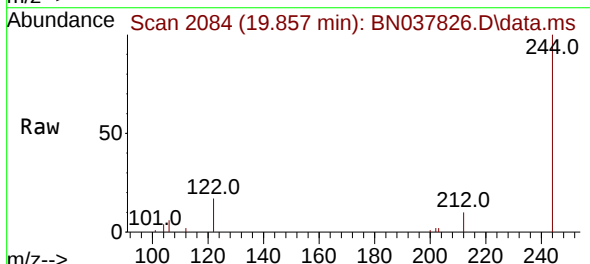
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 7688
Ion Ratio Lower Upper
240 100
120 16.3 9.2 13.8#
236 28.8 22.6 33.8



#31
Terphenyl-d14
Concen: 0.378 ng
RT: 19.857 min Scan# 2084
Delta R.T. -0.014 min
Lab File: BN037826.D
Acq: 19 Sep 2025 22:13

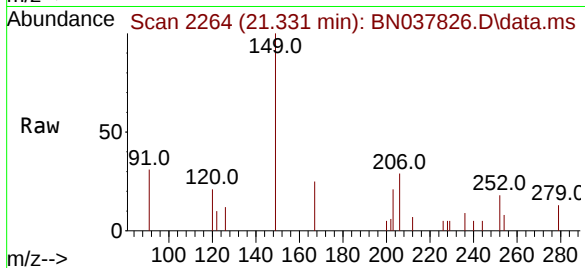
Tgt Ion:244 Resp: 5891
Ion Ratio Lower Upper
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212 10.0 7.5 11.3
122 16.8 13.2 19.8



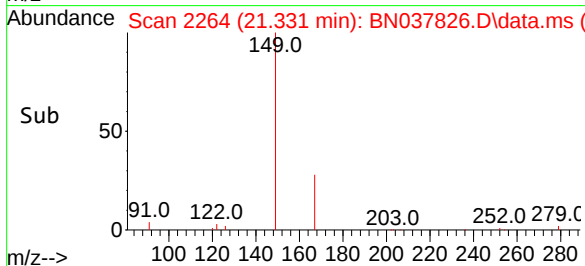
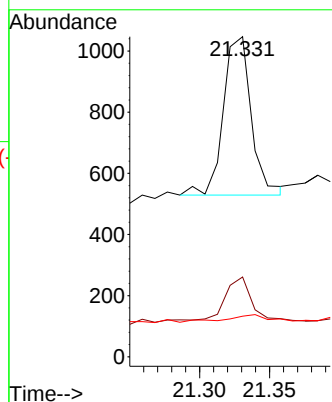


#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.091 ng
 RT: 21.331 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BN037826.D
 Acq: 19 Sep 2025 22:13

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:149 Resp: 722
 Ion Ratio Lower Upper
 149 100
 167 26.3 20.8 31.2
 279 7.3 3.3 4.9#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.730 min Scan# 2837
 Delta R.T. -0.023 min
 Lab File: BN037826.D
 Acq: 19 Sep 2025 22:13

Tgt Ion:264 Resp: 7581
 Ion Ratio Lower Upper
 264 100
 260 27.4 21.8 32.8
 265 89.8 39.4 59.2#

