

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092225\
 Data File : BN037852.D
 Acq On : 22 Sep 2025 12:08
 Operator : RC/JU
 Sample : Q3097-25DL 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20250912DL

Quant Time: Sep 22 12:41:23 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)

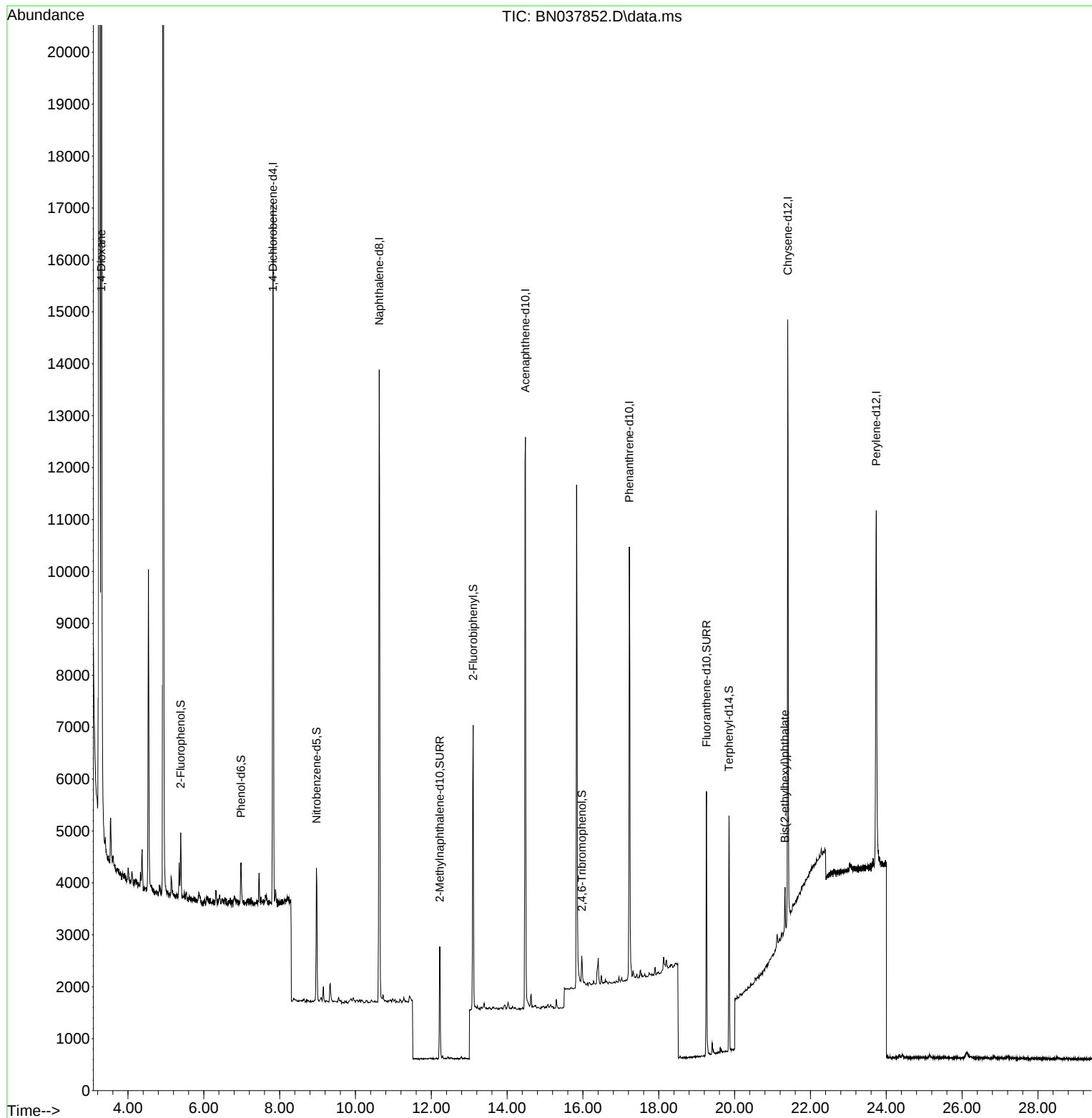
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	6180	0.400	ng	-0.01
7) Naphthalene-d8	10.626	136	16337	0.400	ng	-0.02
13) Acenaphthene-d10	14.484	164	6729	0.400	ng	-0.01
19) Phenanthrene-d10	17.223	188	12081	0.400	ng	-0.01
29) Chrysene-d12	21.402	240	10388	0.400	ng	#-0.02
35) Perylene-d12	23.736	264	9986	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	936	0.066	ng	0.00
5) Phenol-d6	6.980	99	748	0.041	ng	0.00
8) Nitrobenzene-d5	8.971	82	2084	0.174	ng	-0.02
11) 2-Methylnaphthalene-d10	12.222	152	2999	0.139	ng	-0.02
14) 2,4,6-Tribromophenol	15.969	330	387	0.221	ng	-0.01
15) 2-Fluorobiphenyl	13.105	172	4709	0.167	ng	-0.01
27) Fluoranthene-d10	19.257	212	5524	0.182	ng	-0.01
31) Terphenyl-d14	19.852	244	4298	0.204	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.297	88	21770	3.382	ng	96
34) Bis(2-ethylhexyl)phtha...	21.331	149	839	0.078	ng	# 92

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

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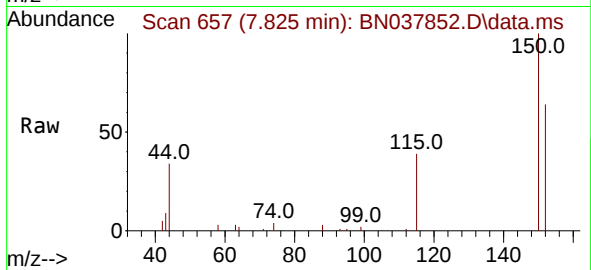
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



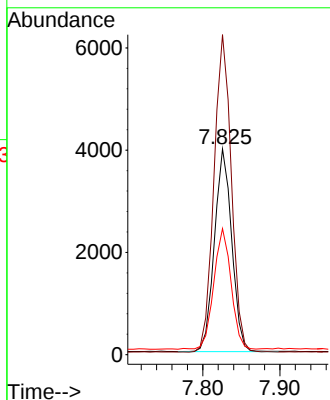
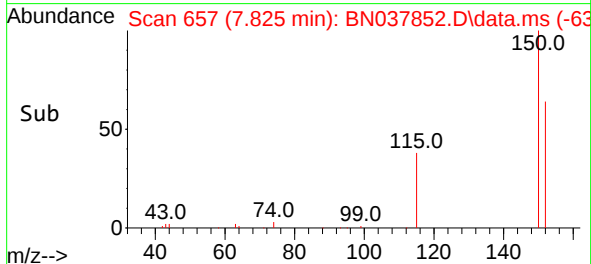


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.825 min Scan# 61
 Delta R.T. -0.015 min
 Lab File: BN037852.D
 Acq: 22 Sep 2025 12:08

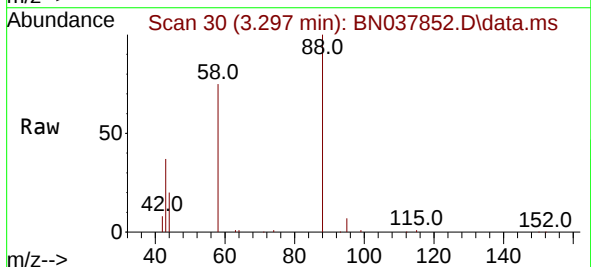
Instrument :
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 ClientSampleId :
 RE134D3-20250912DL



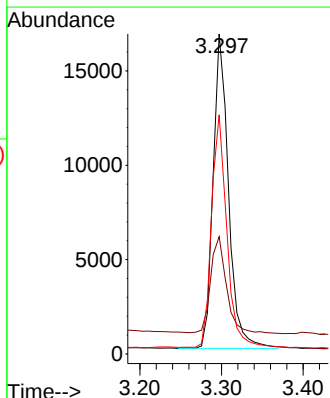
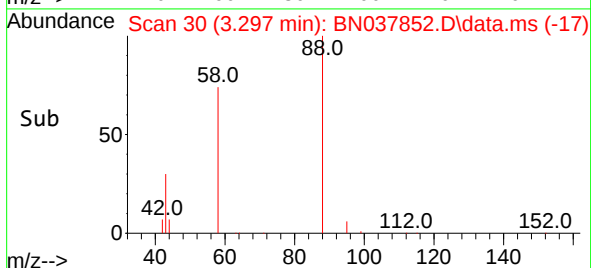
Tgt Ion:152 Resp: 6180
 Ion Ratio Lower Upper
 152 100
 150 155.5 124.5 186.7
 115 61.3 49.2 73.8



#2
 1,4-Dioxane
 Concen: 3.382 ng
 RT: 3.297 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN037852.D
 Acq: 22 Sep 2025 12:08



Tgt Ion: 88 Resp: 21770
 Ion Ratio Lower Upper
 88 100
 43 31.9 26.8 40.2
 58 73.6 61.9 92.9

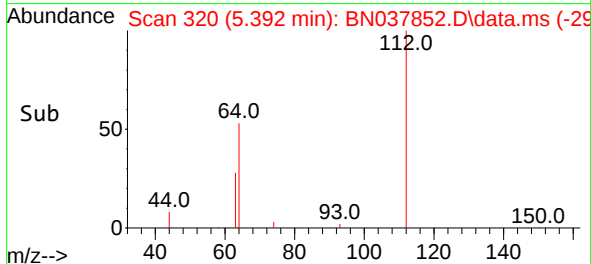
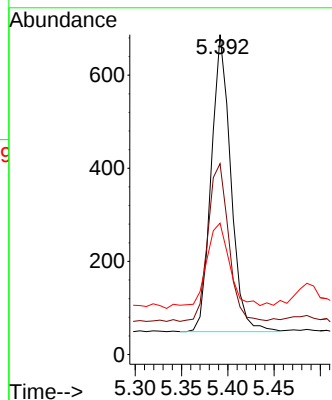
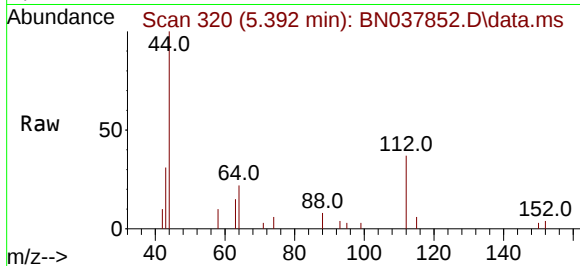




#4
2-Fluorophenol
Concen: 0.066 ng
RT: 5.392 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN037852.D
Acq: 22 Sep 2025 12:08

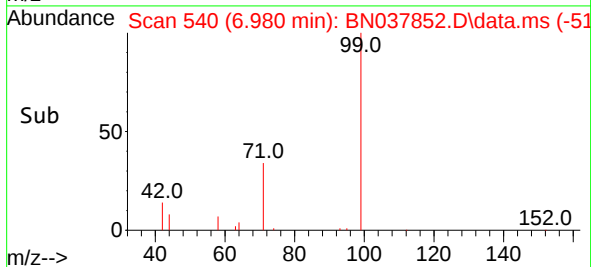
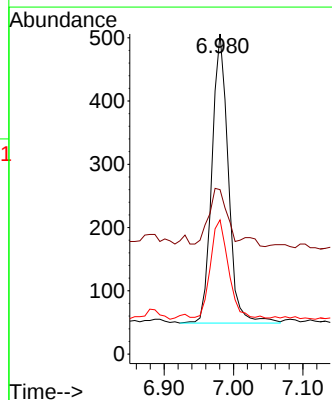
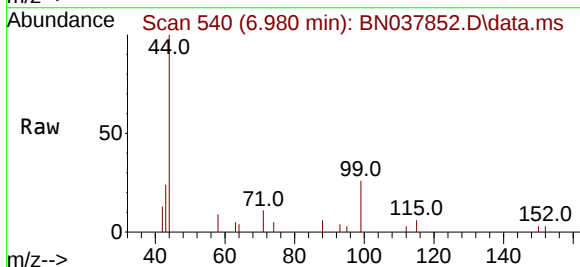
Instrument :
BNA_N
ClientSampleId :
RE134D3-20250912DL

Tgt Ion:112 Resp: 936
Ion Ratio Lower Upper
112 100
64 56.1 44.9 67.3
63 35.3 24.7 37.1



#5
Phenol-d6
Concen: 0.041 ng
RT: 6.980 min Scan# 540
Delta R.T. -0.007 min
Lab File: BN037852.D
Acq: 22 Sep 2025 12:08

Tgt Ion: 99 Resp: 748
Ion Ratio Lower Upper
99 100
42 22.9 16.6 24.8
71 36.9 26.7 40.1

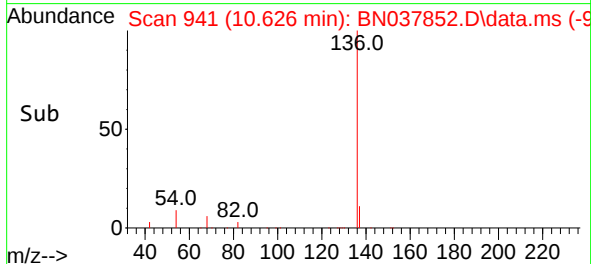
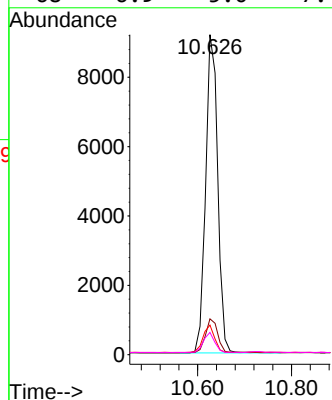
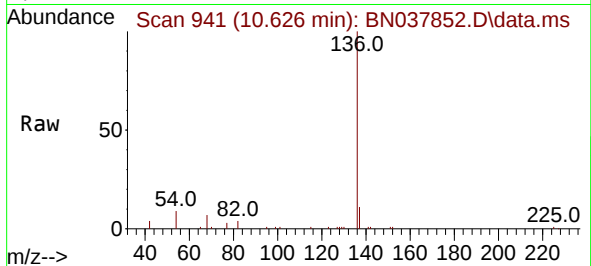




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 94
Delta R.T. -0.021 min
Lab File: BN037852.D
Acq: 22 Sep 2025 12:08

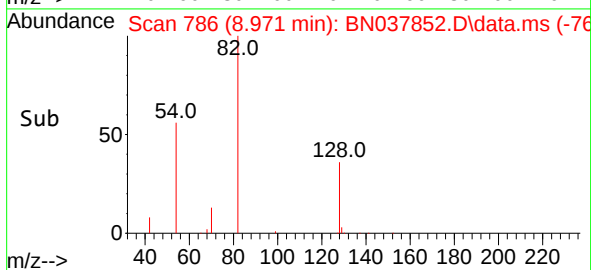
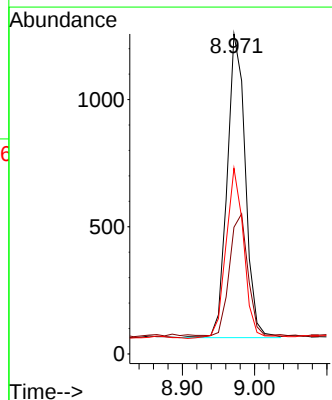
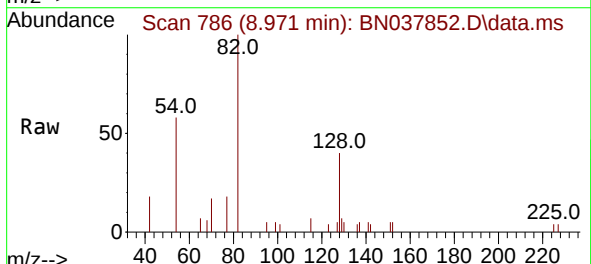
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BNA_N
ClientSampleId :
RE134D3-20250912DL

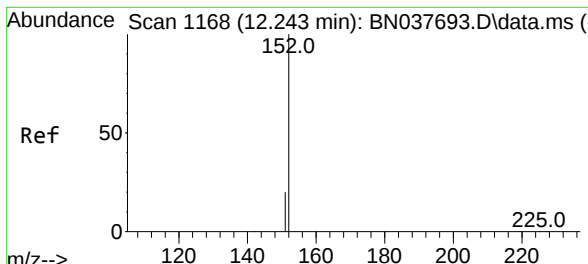
Tgt Ion:136	Resp:	16337
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.1 13.7
54	9.2	6.3 9.5
68	6.9	5.0 7.4



#8
Nitrobenzene-d5
Concen: 0.174 ng
RT: 8.971 min Scan# 786
Delta R.T. -0.021 min
Lab File: BN037852.D
Acq: 22 Sep 2025 12:08

Tgt Ion: 82	Resp:	2084
Ion Ratio	Lower	Upper
82	100	
128	39.6	38.3 57.5
54	58.0	41.4 62.2

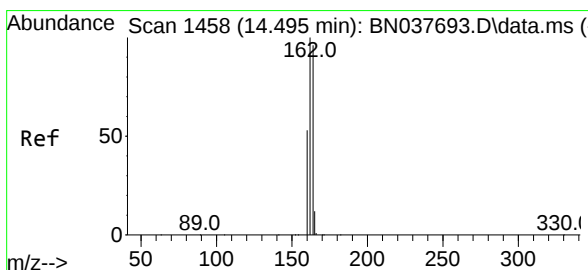
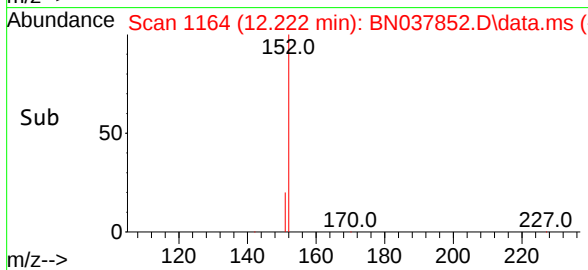
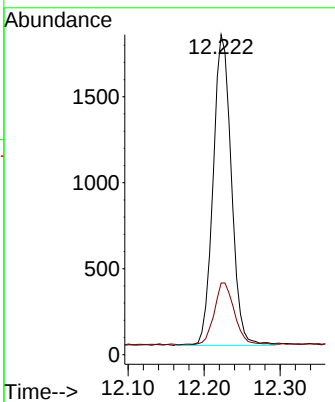
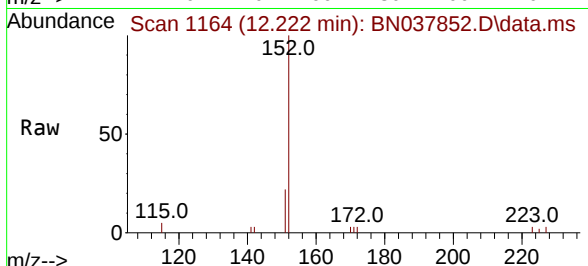




#11
 2-Methylnaphthalene-d10
 Concen: 0.139 ng
 RT: 12.222 min Scan# 1164
 Delta R.T. -0.020 min
 Lab File: BN037852.D
 Acq: 22 Sep 2025 12:08

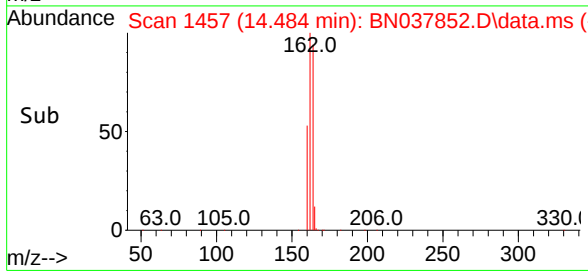
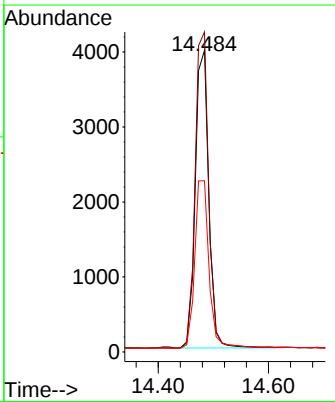
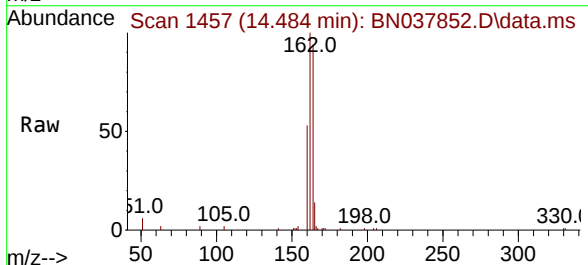
Instrument :
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 ClientSampleId :
 RE134D3-20250912DL

Tgt Ion:	152	Resp:	2999
Ion Ratio	Lower	Upper	
152	100		
151	22.3	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: BN037852.D
 Acq: 22 Sep 2025 12:08

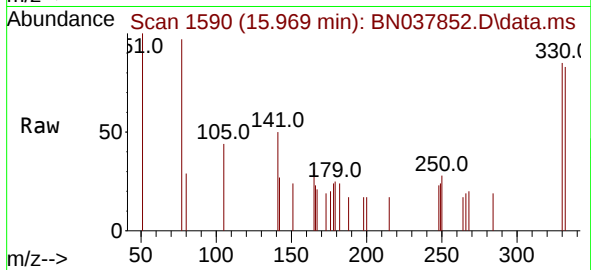
Tgt Ion:	164	Resp:	6729
Ion Ratio	Lower	Upper	
164	100		
162	106.1	83.1	124.7
160	56.7	44.3	66.5



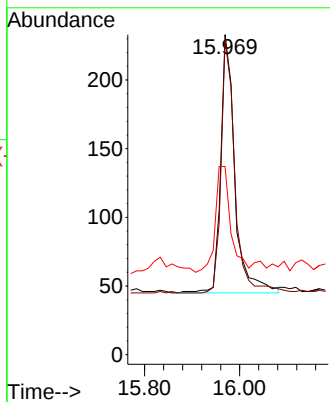
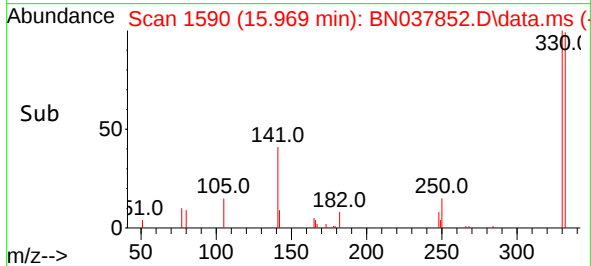


#14
2,4,6-Tribromophenol
Concen: 0.221 ng
RT: 15.969 min Scan# 1590
Delta R.T. -0.013 min
Lab File: BN037852.D
Acq: 22 Sep 2025 12:08

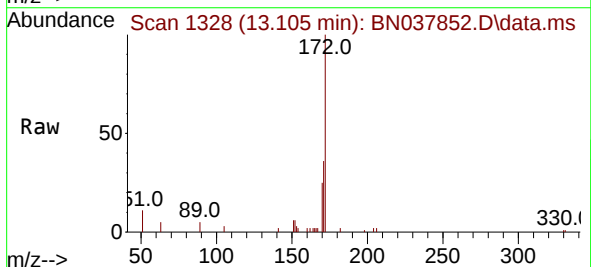
Instrument :
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ClientSampleId :
RE134D3-20250912DL



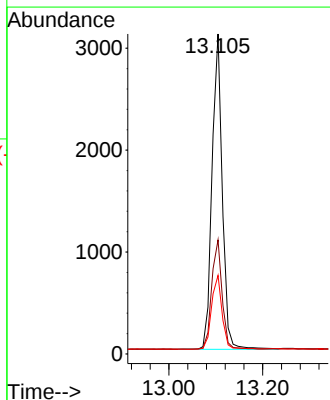
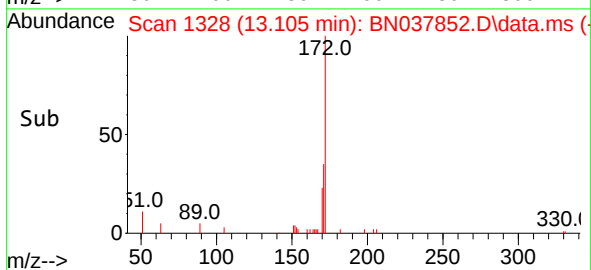
Tgt Ion:330 Resp: 387
Ion Ratio Lower Upper
330 100
332 95.1 75.3 112.9
141 44.4 35.0 52.4



#15
2-Fluorobiphenyl
Concen: 0.167 ng
RT: 13.105 min Scan# 1328
Delta R.T. -0.011 min
Lab File: BN037852.D
Acq: 22 Sep 2025 12:08



Tgt Ion:172 Resp: 4709
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 24.6 19.8 29.8

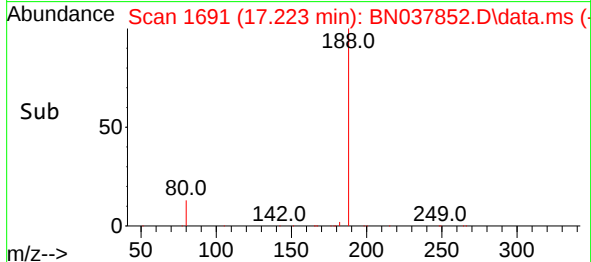
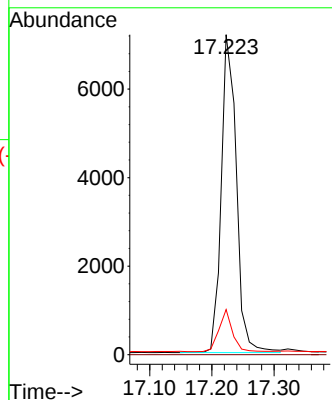
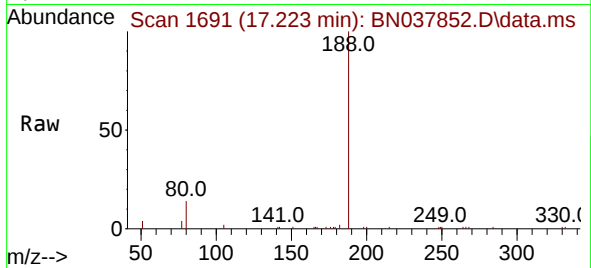




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 1691
Delta R.T. -0.013 min
Lab File: BN037852.D
Acq: 22 Sep 2025 12:08

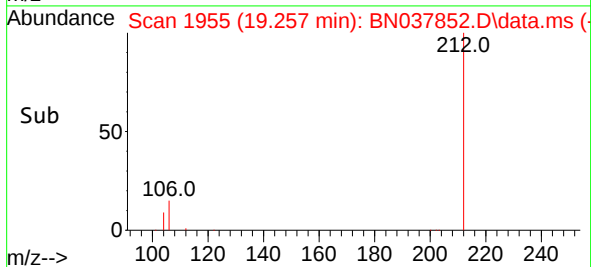
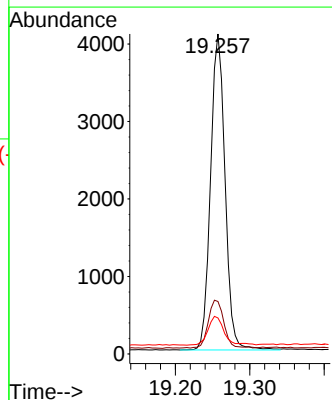
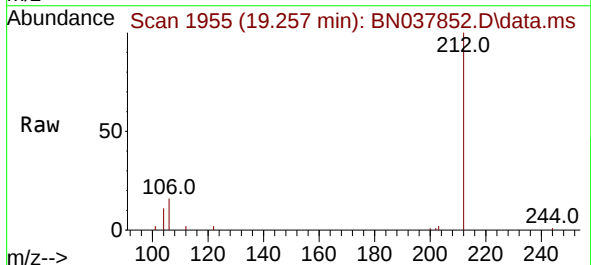
Instrument :
BNA_N
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Tgt Ion:188 Resp: 12081
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.1 10.6 15.8



#27
Fluoranthene-d10
Concen: 0.182 ng
RT: 19.257 min Scan# 1955
Delta R.T. -0.014 min
Lab File: BN037852.D
Acq: 22 Sep 2025 12:08

Tgt Ion:212 Resp: 5524
Ion Ratio Lower Upper
212 100
106 16.3 12.2 18.2
104 9.7 6.9 10.3

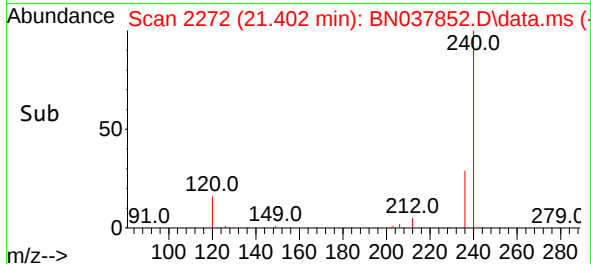
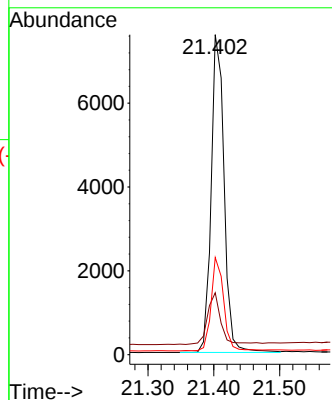
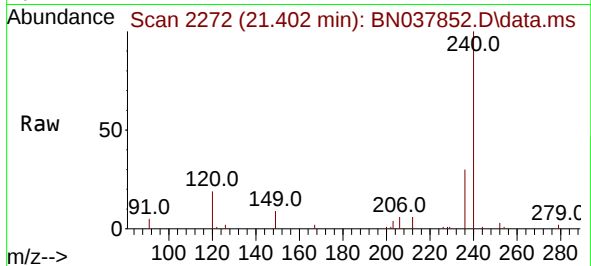




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.402 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN037852.D
Acq: 22 Sep 2025 12:08

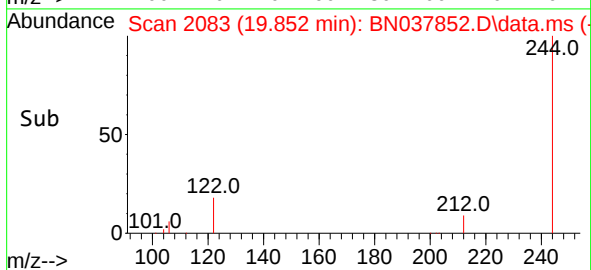
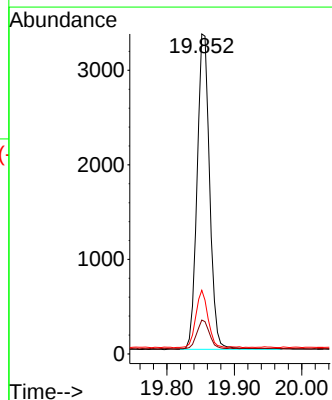
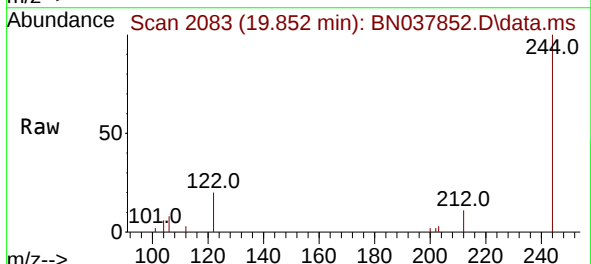
Instrument :
BNA_N
ClientSampleId :
RE134D3-20250912DL

Tgt Ion:240 Resp: 10388
Ion Ratio Lower Upper
240 100
120 19.4 9.2 13.8#
236 30.4 22.6 33.8



#31
Terphenyl-d14
Concen: 0.204 ng
RT: 19.852 min Scan# 2083
Delta R.T. -0.019 min
Lab File: BN037852.D
Acq: 22 Sep 2025 12:08

Tgt Ion:244 Resp: 4298
Ion Ratio Lower Upper
244 100
212 10.6 7.5 11.3
122 19.9 13.2 19.8#

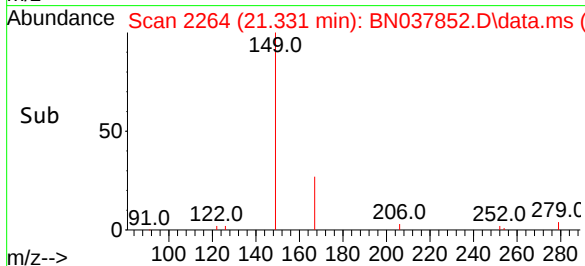
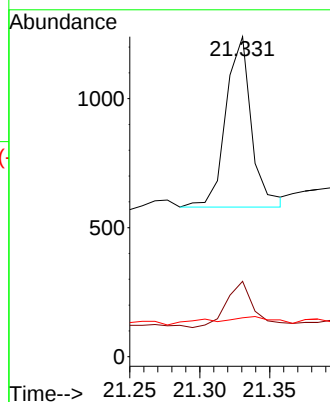
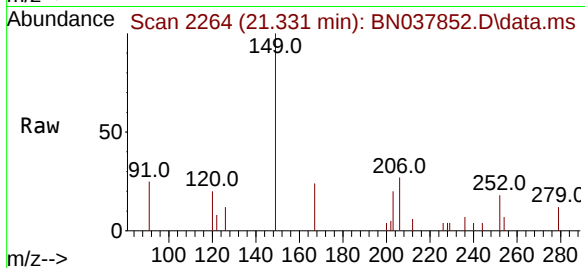




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.078 ng
 RT: 21.331 min Scan# 2133
 Delta R.T. -0.018 min
 Lab File: BN037852.D
 Acq: 22 Sep 2025 12:08

Instrument :
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 ClientSampleId :
 RE134D3-20250912DL

Tgt Ion:149 Resp: 839
 Ion Ratio Lower Upper
 149 100
 167 30.3 20.8 31.2
 279 6.2 3.3 4.9#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.736 min Scan# 2839
 Delta R.T. -0.018 min
 Lab File: BN037852.D
 Acq: 22 Sep 2025 12:08

Tgt Ion:264 Resp: 9986
 Ion Ratio Lower Upper
 264 100
 260 27.7 21.8 32.8
 265 80.3 39.4 59.2#

