

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091925\
 Data File : BN037823.D
 Acq On : 19 Sep 2025 20:24
 Operator : RC/JU
 Sample : Q3097-25
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20250912

Quant Time: Sep 19 23:56:03 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)

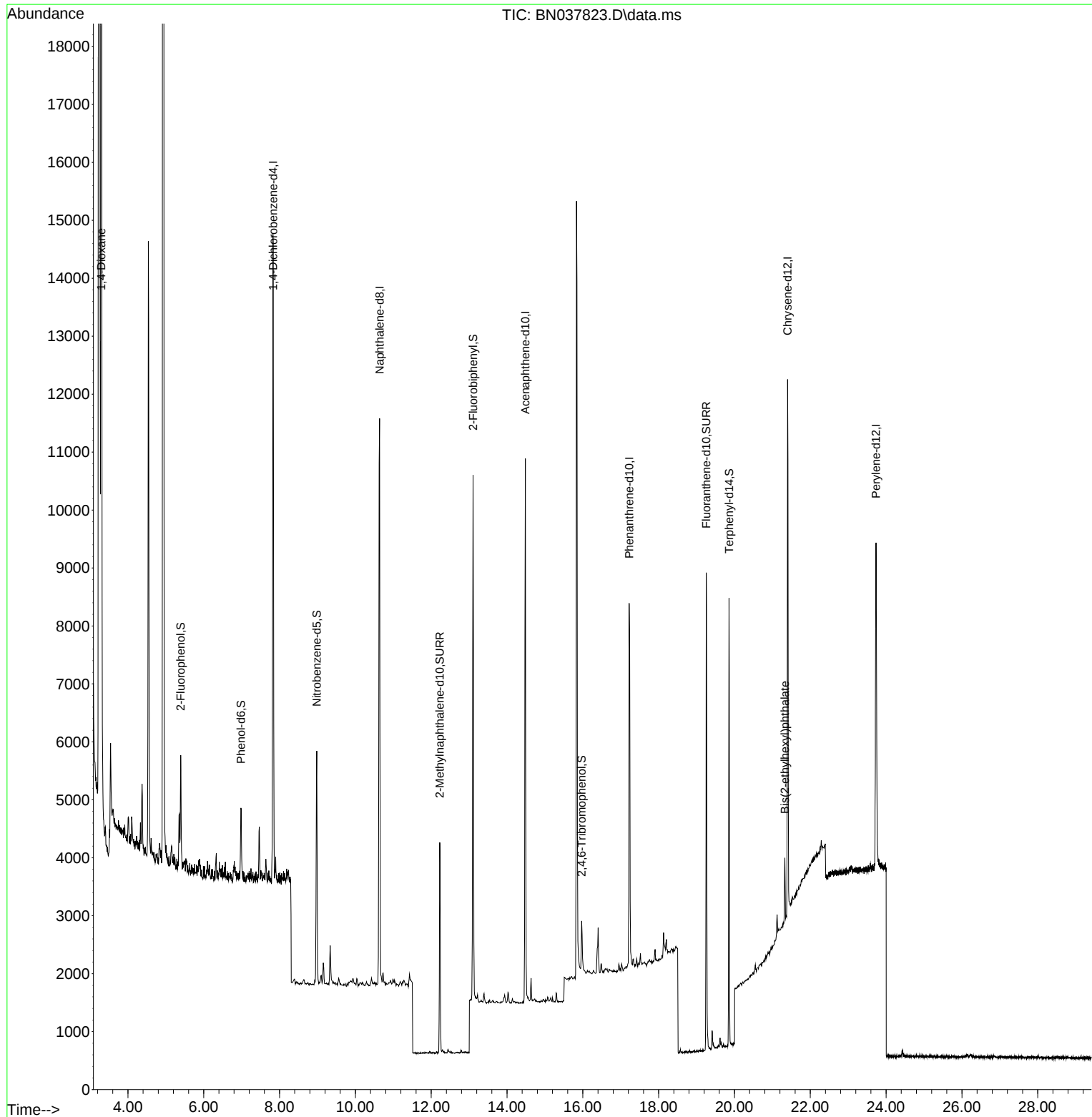
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.832	152	5215	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	13534	0.400	ng	-0.01
13) Acenaphthene-d10	14.484	164	5080	0.400	ng	-0.01
19) Phenanthrene-d10	17.223	188	9523	0.400	ng	-0.01
29) Chrysene-d12	21.402	240	8588	0.400	ng	#-0.02
35) Perylene-d12	23.735	264	8162	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.391	112	1523	0.127	ng	0.00
5) Phenol-d6	6.980	99	1128	0.073	ng	0.00
8) Nitrobenzene-d5	8.982	82	3274	0.331	ng	-0.01
11) 2-Methylnaphthalene-d10	12.227	152	4921	0.274	ng	-0.02
14) 2,4,6-Tribromophenol	15.969	330	576	0.435	ng	-0.01
15) 2-Fluorobiphenyl	13.104	172	7504	0.353	ng	-0.01
27) Fluoranthene-d10	19.257	212	8915	0.373	ng	-0.01
31) Terphenyl-d14	19.856	244	7135	0.409	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.297	88	30782	5.667	ng	95
34) Bis(2-ethylhexyl)phtha...	21.330	149	1168	0.132	ng	96

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

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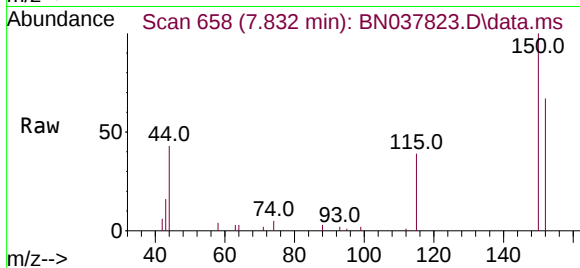
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



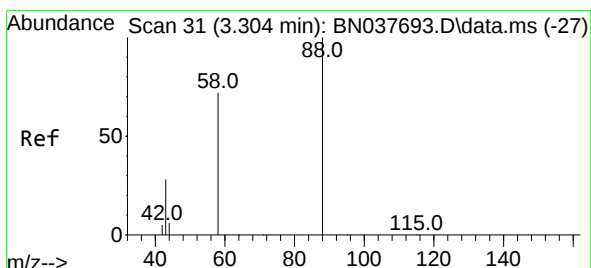
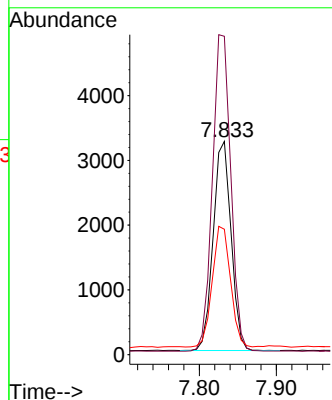
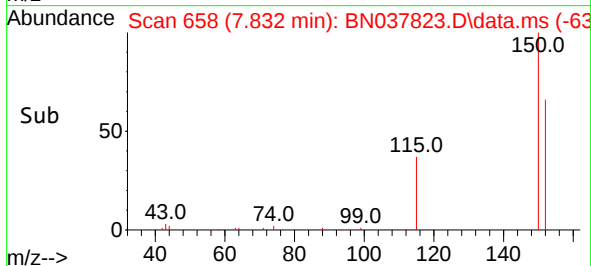


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.832 min Scan# 61
Delta R.T. -0.008 min
Lab File: BN037823.D
Acq: 19 Sep 2025 20:24

Instrument :
BNA_N
ClientSampleId :
RE134D3-20250912

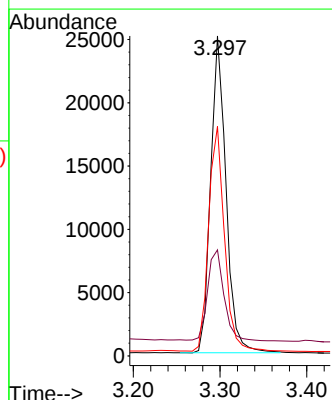
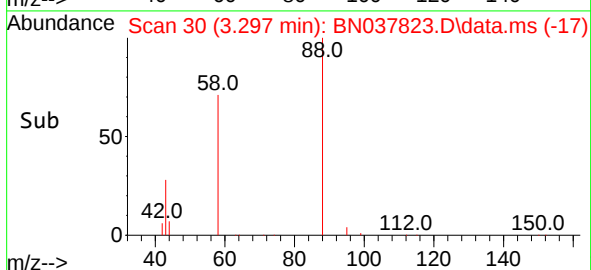
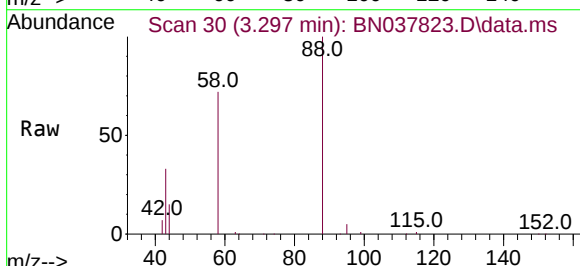


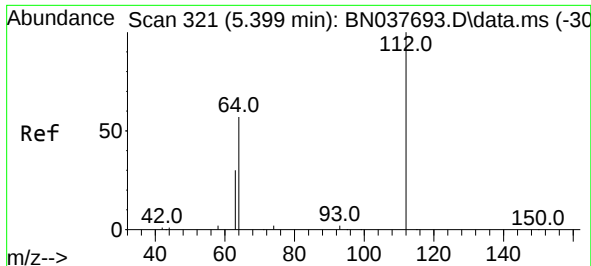
Tgt Ion:152 Resp: 5215
Ion Ratio Lower Upper
152 100
150 149.3 124.5 186.7
115 58.8 49.2 73.8



#2
1,4-Dioxane
Concen: 5.667 ng
RT: 3.297 min Scan# 30
Delta R.T. -0.008 min
Lab File: BN037823.D
Acq: 19 Sep 2025 20:24

Tgt Ion: 88 Resp: 30782
Ion Ratio Lower Upper
88 100
43 30.9 26.8 40.2
58 72.8 61.9 92.9

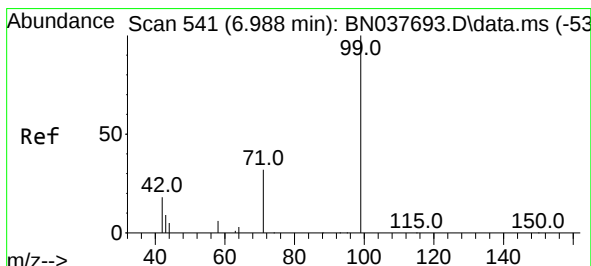
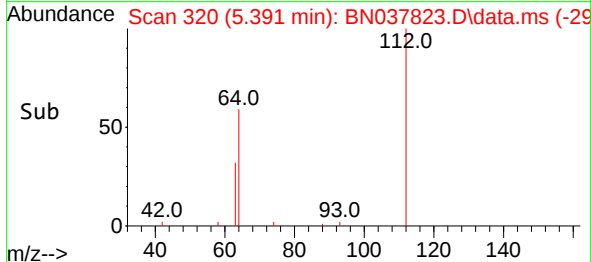
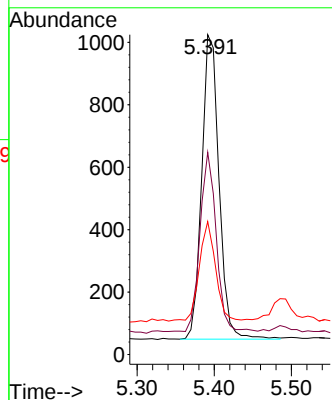
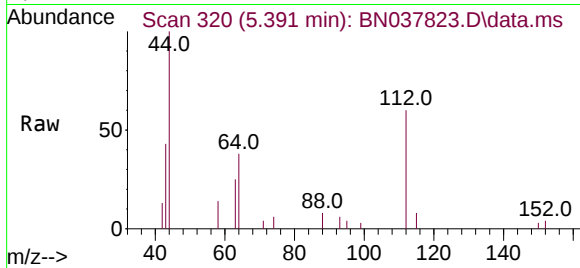




#4
2-Fluorophenol
Concen: 0.127 ng
RT: 5.391 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN037823.D
Acq: 19 Sep 2025 20:24

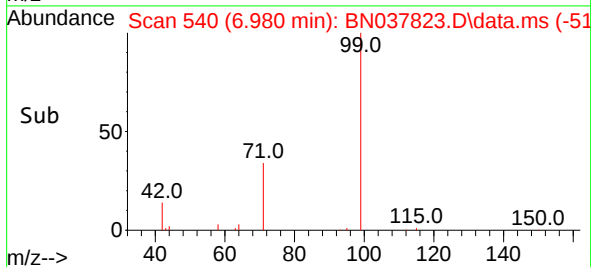
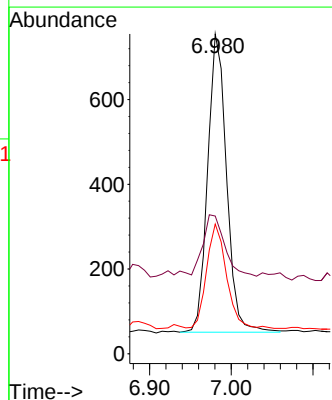
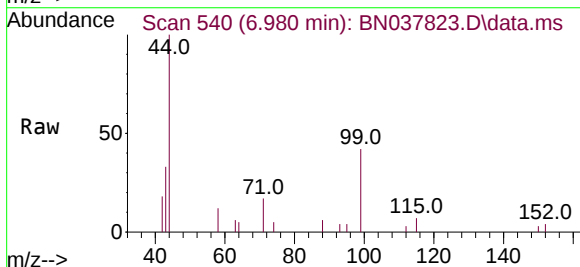
Instrument :
BNA_N
ClientSampleId :
RE134D3-20250912

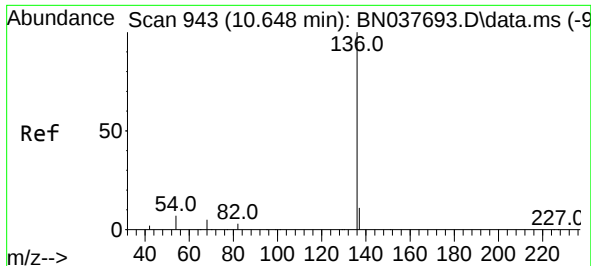
Tgt Ion:112 Resp: 1523
Ion Ratio Lower Upper
112 100
64 55.2 44.9 67.3
63 31.7 24.7 37.1



#5
Phenol-d6
Concen: 0.073 ng
RT: 6.980 min Scan# 540
Delta R.T. -0.007 min
Lab File: BN037823.D
Acq: 19 Sep 2025 20:24

Tgt Ion: 99 Resp: 1128
Ion Ratio Lower Upper
99 100
42 23.7 16.6 24.8
71 38.4 26.7 40.1

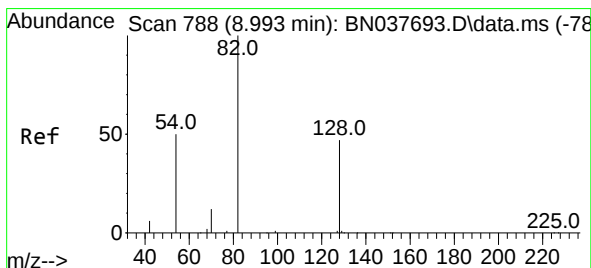
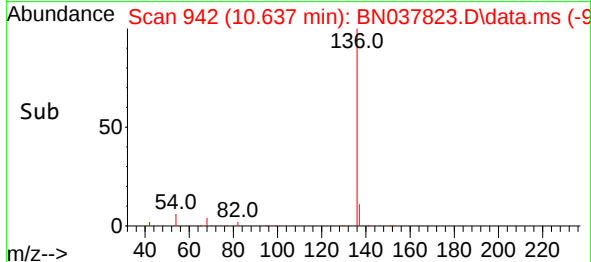
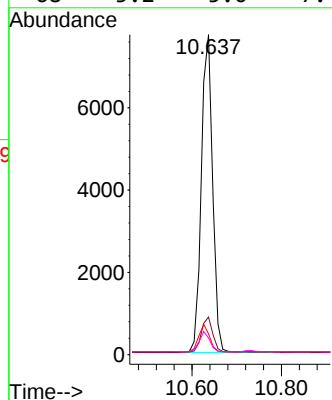
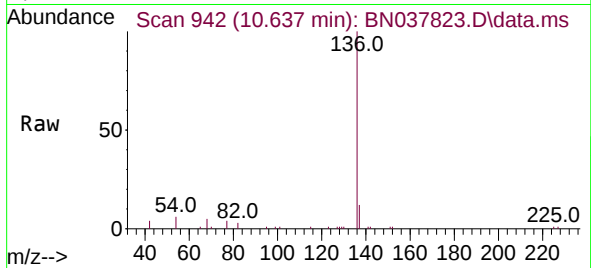




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037823.D
Acq: 19 Sep 2025 20:24

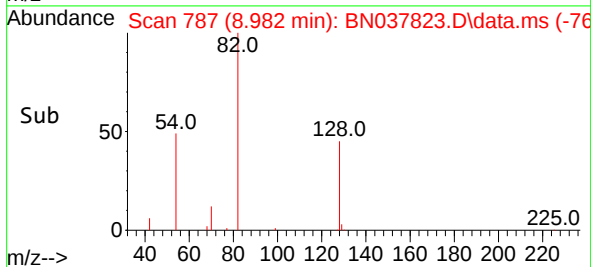
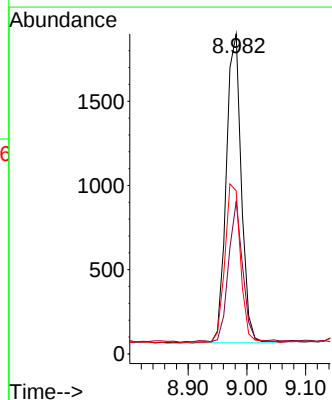
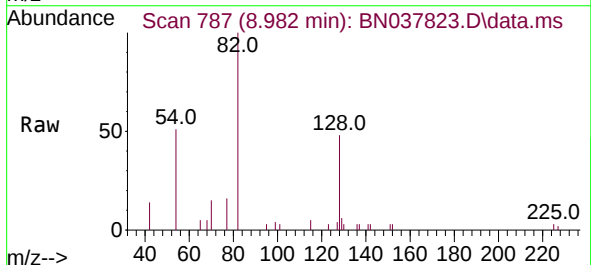
Instrument :
BNA_N
ClientSampleId :
RE134D3-20250912

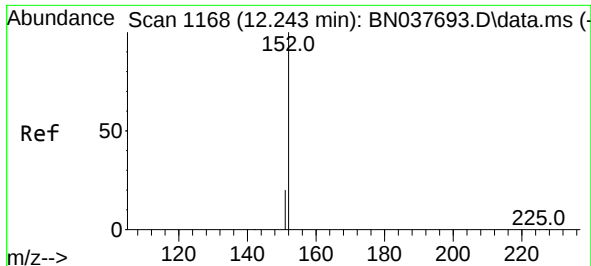
Tgt Ion:136	Resp:	13534
Ion Ratio	Lower	Upper
136	100	
137	11.7	9.1 13.7
54	6.5	6.3 9.5
68	5.2	5.0 7.4



#8
Nitrobenzene-d5
Concen: 0.331 ng
RT: 8.982 min Scan# 787
Delta R.T. -0.011 min
Lab File: BN037823.D
Acq: 19 Sep 2025 20:24

Tgt Ion: 82	Resp:	3274
Ion Ratio	Lower	Upper
82	100	
128	47.6	38.3 57.5
54	50.9	41.4 62.2

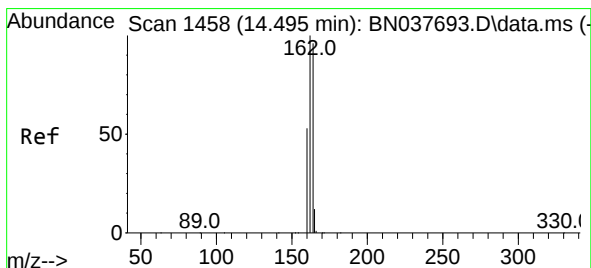
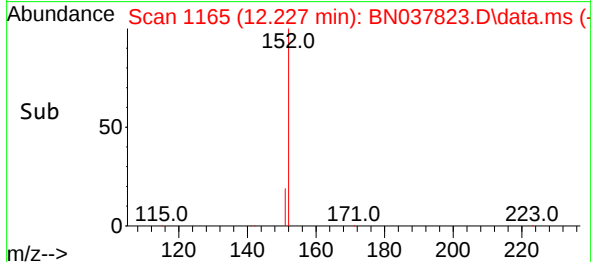
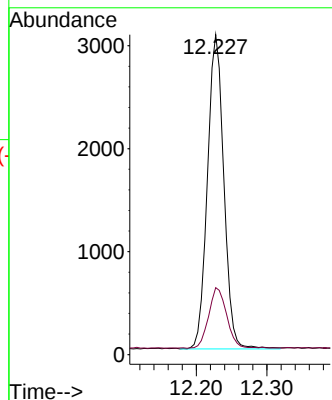
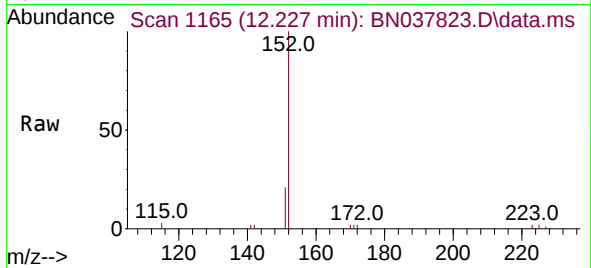




#11
2-Methylnaphthalene-d10
Concen: 0.274 ng
RT: 12.227 min Scan# 1165
Delta R.T. -0.015 min
Lab File: BN037823.D
Acq: 19 Sep 2025 20:24

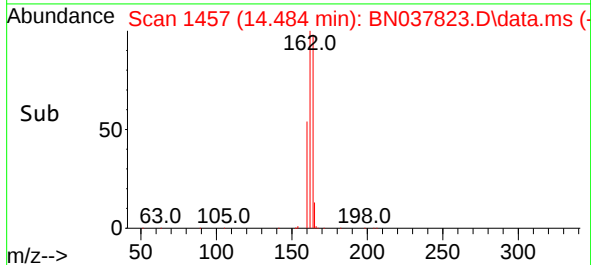
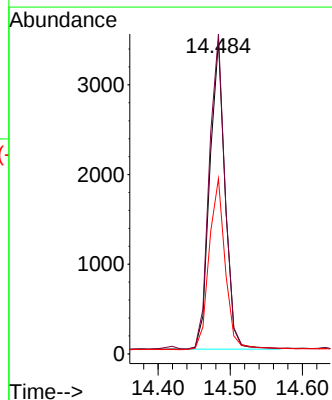
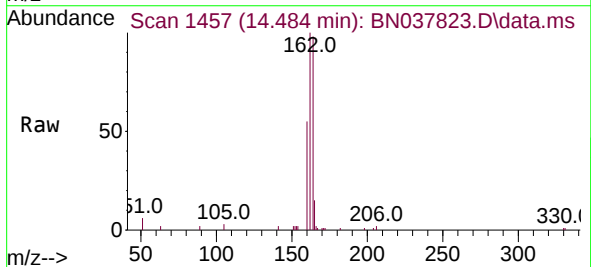
Instrument :
BNA_N
ClientSampleId :
RE134D3-20250912

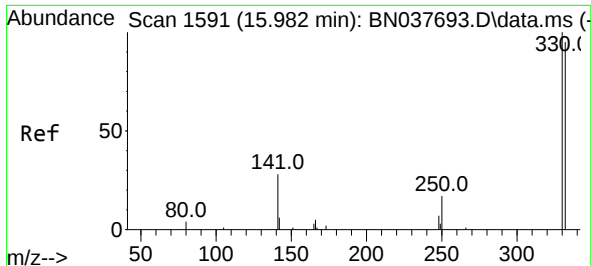
Tgt Ion:152 Resp: 4921
Ion Ratio Lower Upper
152 100
151 21.3 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1457
Delta R.T. -0.011 min
Lab File: BN037823.D
Acq: 19 Sep 2025 20:24

Tgt Ion:164 Resp: 5080
Ion Ratio Lower Upper
164 100
162 102.2 83.1 124.7
160 56.0 44.3 66.5

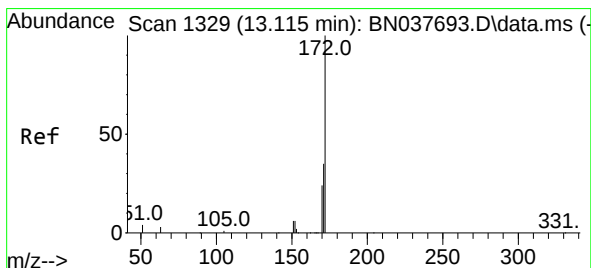
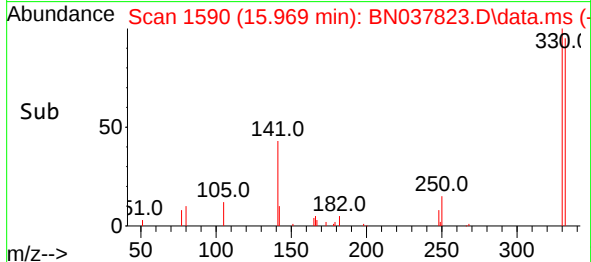
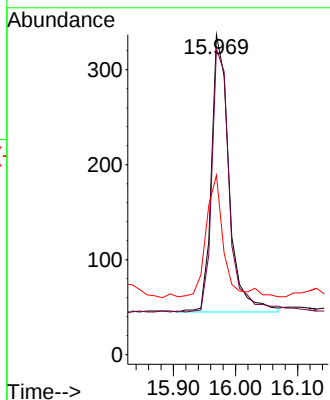
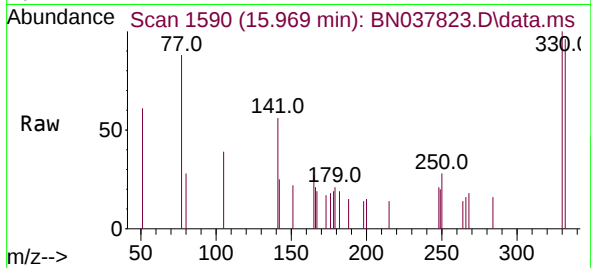




#14
2,4,6-Tribromophenol
Concen: 0.435 ng
RT: 15.969 min Scan# 1590
Delta R.T. -0.013 min
Lab File: BN037823.D
Acq: 19 Sep 2025 20:24

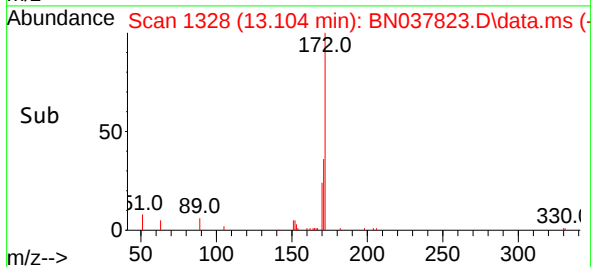
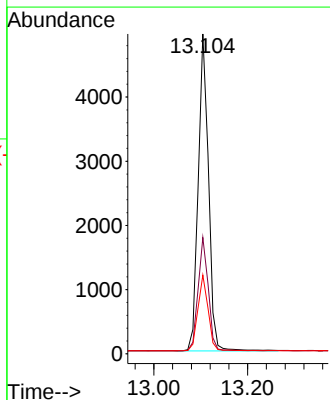
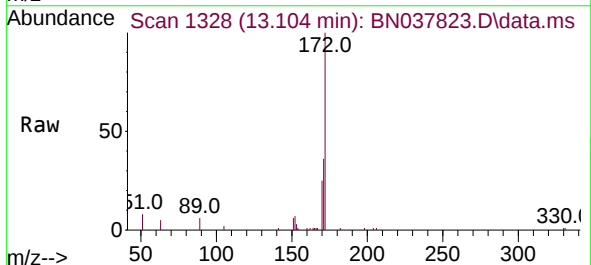
Instrument :
BNA_N
ClientSampleId :
RE134D3-20250912

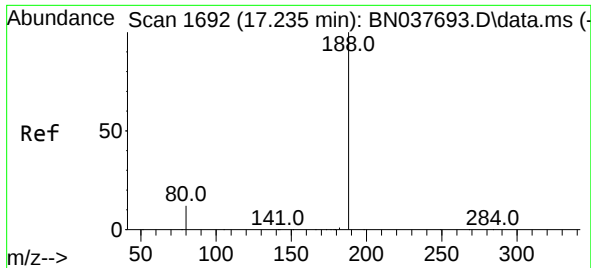
Tgt Ion: 330 Resp: 576
Ion Ratio Lower Upper
330 100
332 96.7 75.3 112.9
141 44.1 35.0 52.4



#15
2-Fluorobiphenyl
Concen: 0.353 ng
RT: 13.104 min Scan# 1328
Delta R.T. -0.011 min
Lab File: BN037823.D
Acq: 19 Sep 2025 20:24

Tgt Ion: 172 Resp: 7504
Ion Ratio Lower Upper
172 100
171 36.4 28.6 43.0
170 24.6 19.8 29.8

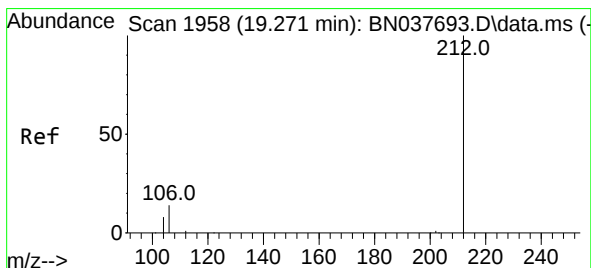
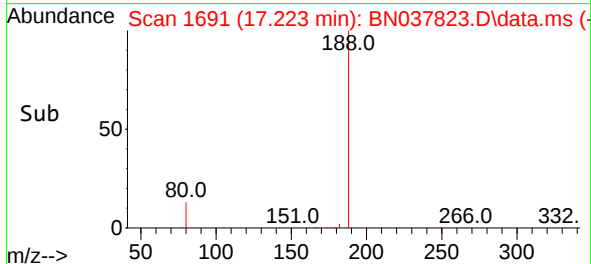
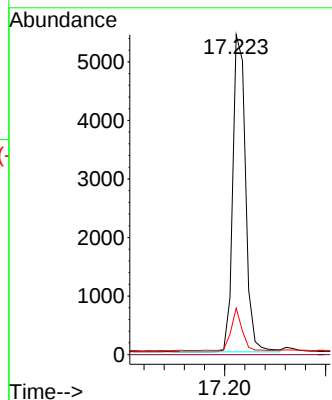
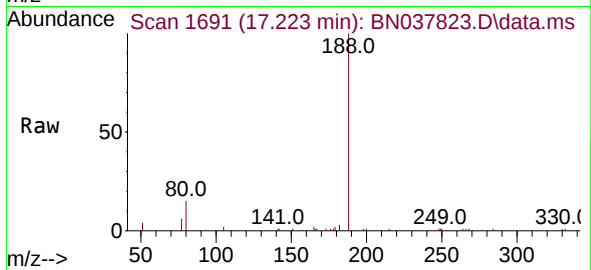




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 1692
Delta R.T. -0.013 min
Lab File: BN037823.D
Acq: 19 Sep 2025 20:24

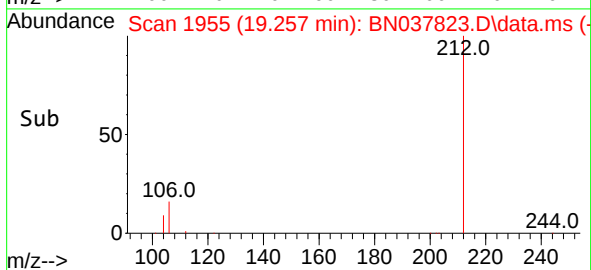
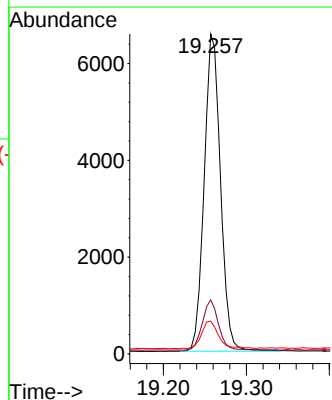
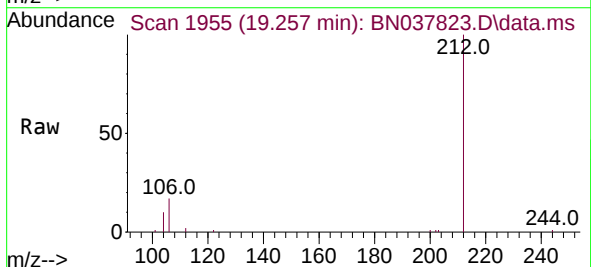
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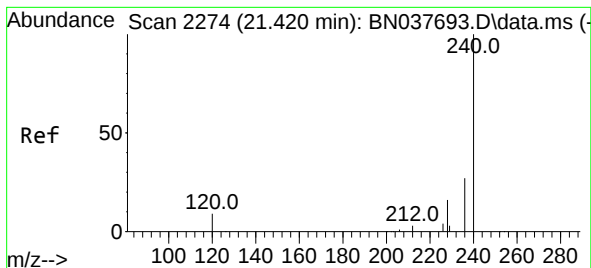
Tgt Ion:188 Resp: 9523
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.5 10.6 15.8



#27
Fluoranthene-d10
Concen: 0.373 ng
RT: 19.257 min Scan# 1955
Delta R.T. -0.014 min
Lab File: BN037823.D
Acq: 19 Sep 2025 20:24

Tgt Ion:212 Resp: 8915
Ion Ratio Lower Upper
212 100
106 15.6 12.2 18.2
104 9.2 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: BN037823.D

Acq: 19 Sep 2025 20:24

Instrument :

BNA_N

ClientSampleId :

RE134D3-20250912

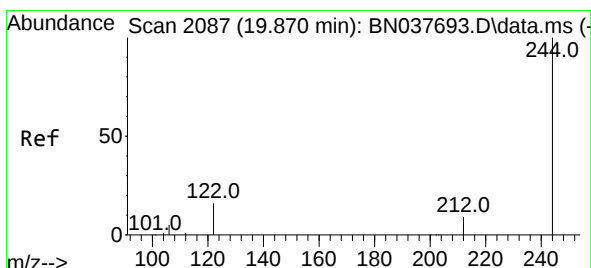
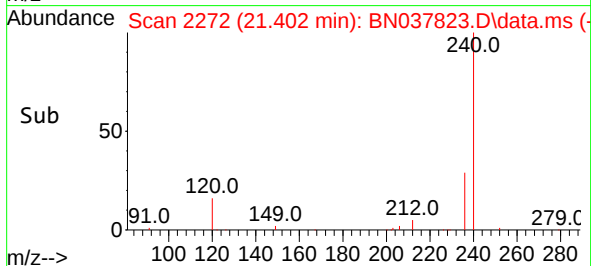
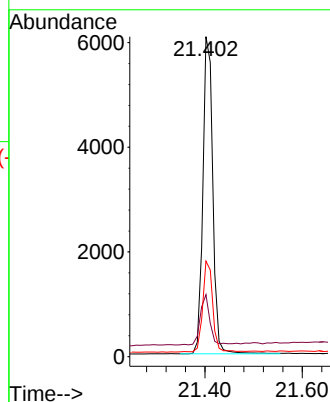
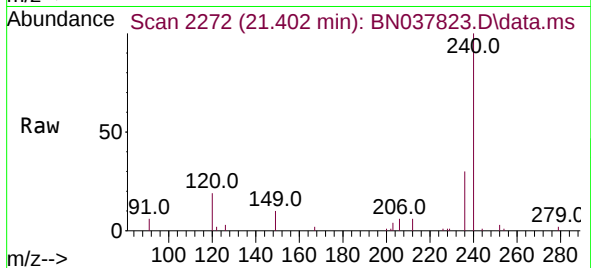
Tgt Ion:240 Resp: 8588

Ion Ratio Lower Upper

240 100

120 19.4 9.2 13.8#

236 29.8 22.6 33.8



#31

Terphenyl-d14

Concen: 0.409 ng

RT: 19.856 min Scan# 2084

Delta R.T. -0.014 min

Lab File: BN037823.D

Acq: 19 Sep 2025 20:24

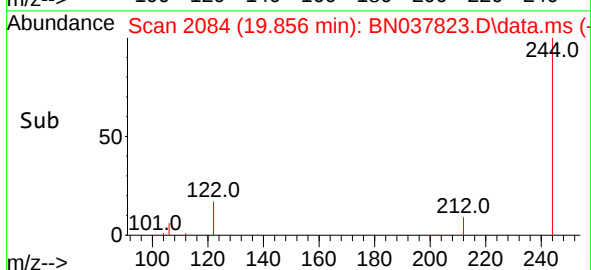
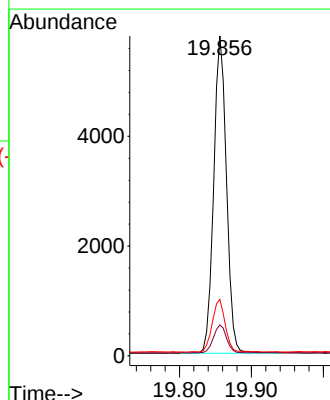
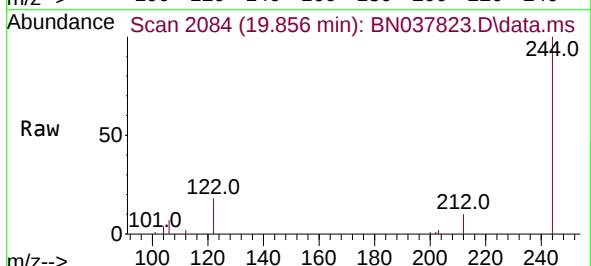
Tgt Ion:244 Resp: 7135

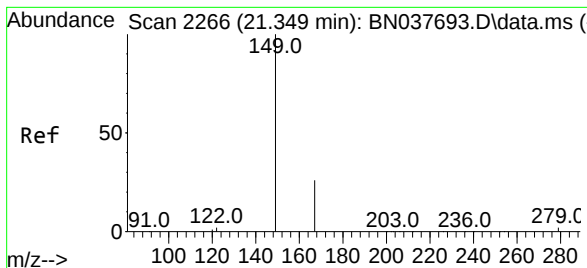
Ion Ratio Lower Upper

244 100

212 9.7 7.5 11.3

122 17.6 13.2 19.8

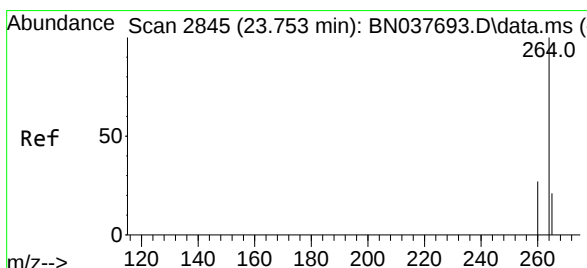
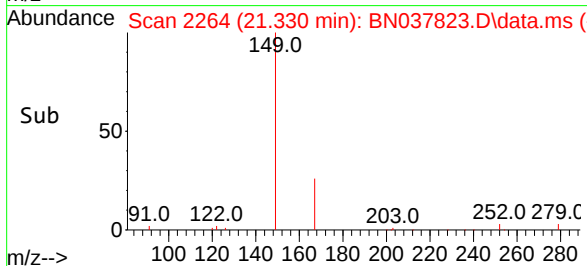
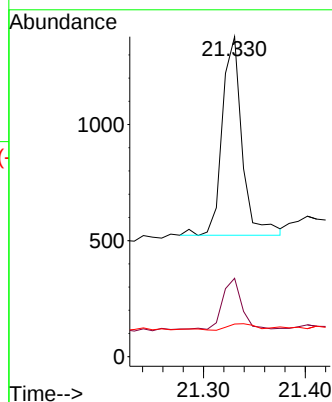
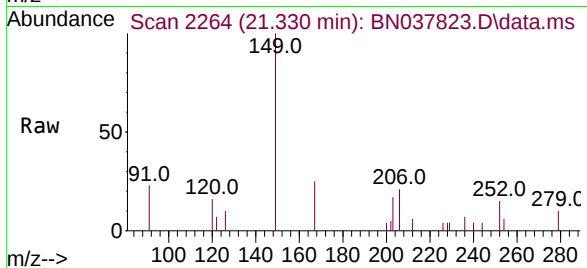




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.132 ng
 RT: 21.330 min Scan# 211
 Delta R.T. -0.018 min
 Lab File: BN037823.D
 Acq: 19 Sep 2025 20:24

Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20250912

Tgt Ion:149 Resp: 1168
 Ion Ratio Lower Upper
 149 100
 167 23.9 20.8 31.2
 279 4.9 3.3 4.9



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.735 min Scan# 2839
 Delta R.T. -0.018 min
 Lab File: BN037823.D
 Acq: 19 Sep 2025 20:24

Tgt Ion:264 Resp: 8162
 Ion Ratio Lower Upper
 264 100
 260 26.8 21.8 32.8
 265 82.8 39.4 59.2#

