

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091925\
 Data File : BN037846.D
 Acq On : 20 Sep 2025 11:03
 Operator : RC/JU
 Sample : Q3127-19
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 22 00:37:48 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)

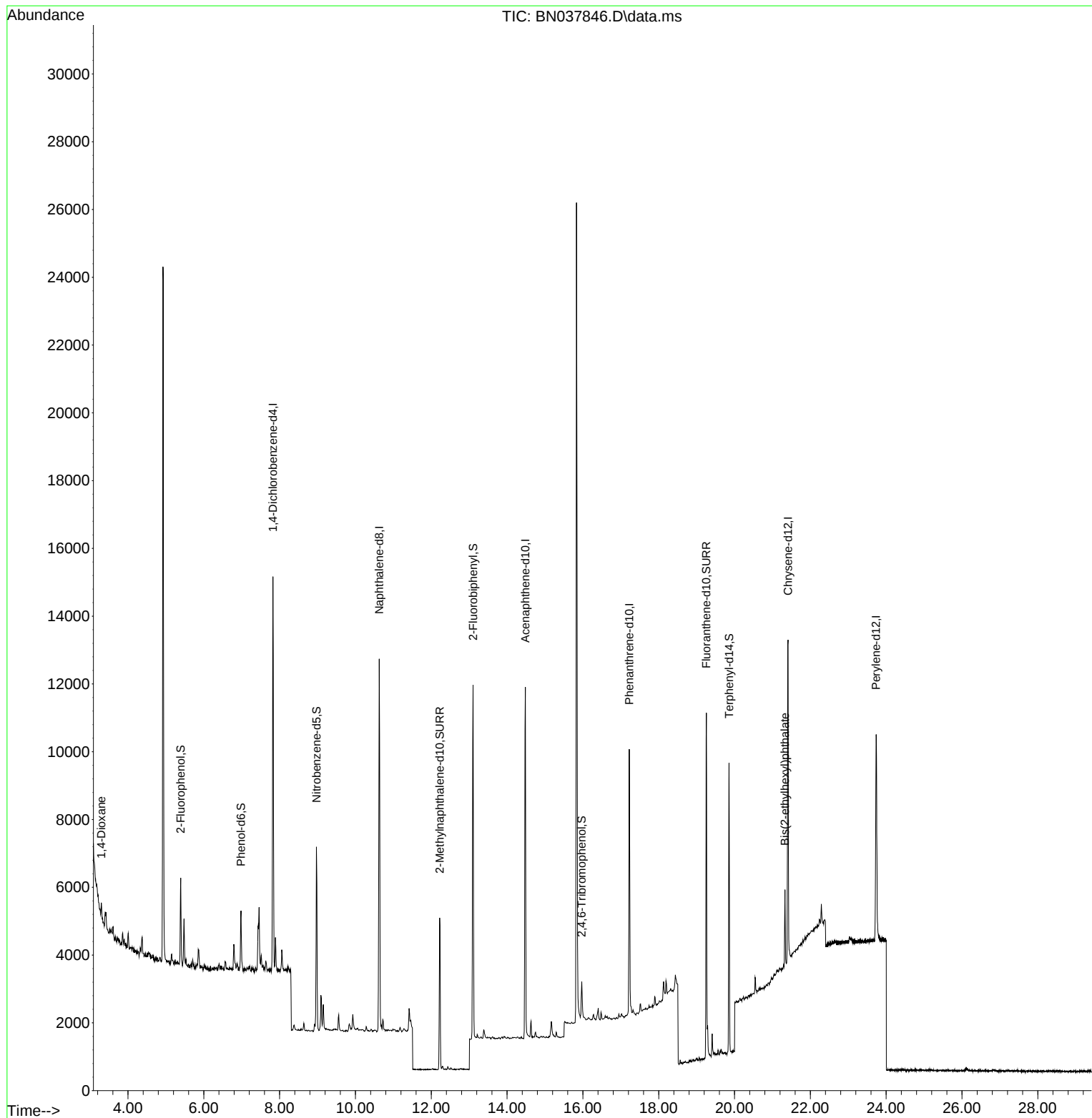
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	5584	0.400	ng	-0.01
7) Naphthalene-d8	10.626	136	14527	0.400	ng	-0.02
13) Acenaphthene-d10	14.484	164	6076	0.400	ng	-0.01
19) Phenanthrene-d10	17.223	188	10584	0.400	ng	-0.01
29) Chrysene-d12	21.411	240	9458	0.400	ng	0.00
35) Perylene-d12	23.736	264	8871	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	1988	0.155	ng	0.00
5) Phenol-d6	6.981	99	1507	0.091	ng	0.00
8) Nitrobenzene-d5	8.971	82	4234	0.398	ng	-0.02
11) 2-Methylnaphthalene-d10	12.222	152	6160	0.320	ng	-0.02
14) 2,4,6-Tribromophenol	15.969	330	689	0.435	ng	-0.01
15) 2-Fluorobiphenyl	13.105	172	9319	0.367	ng	-0.01
27) Fluoranthene-d10	19.257	212	10808	0.407	ng	-0.01
31) Terphenyl-d14	19.856	244	7918	0.412	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.297	88	201	0.035	ng	# 11
34) Bis(2-ethylhexyl)phtha...	21.331	149	2131	0.218	ng	97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091925\
Data File : BN037846.D
Acq On : 20 Sep 2025 11:03
Operator : RC/JU
Sample : Q3127-19
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

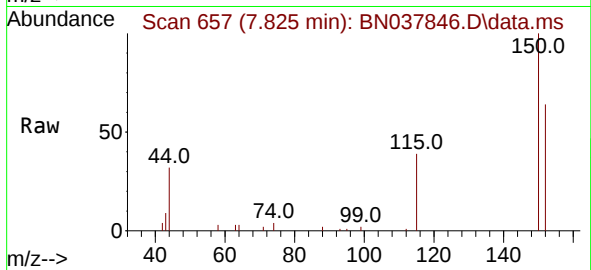
Quant Time: Sep 22 00:37:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



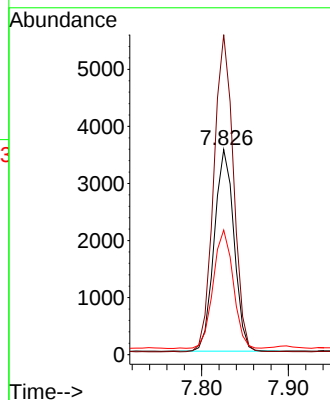
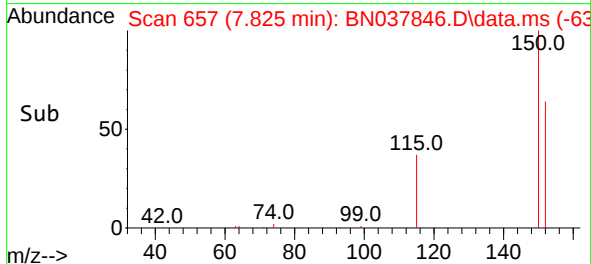


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.825 min Scan# 61
 Delta R.T. -0.014 min
 Lab File: BN037846.D
 Acq: 20 Sep 2025 11:03

Instrument :
 BNA_N
 ClientSampleId :

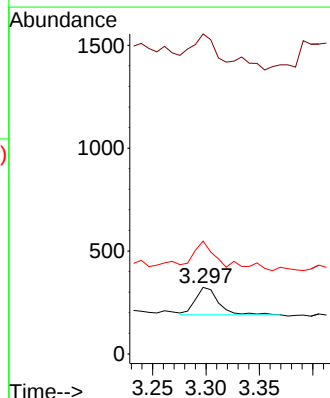
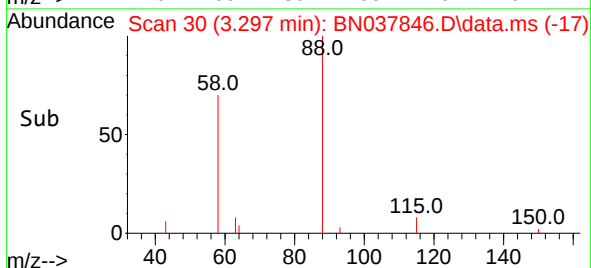
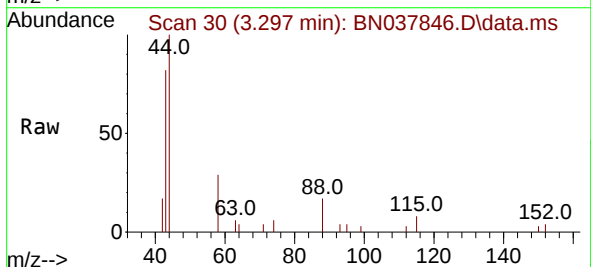


Tgt Ion:152 Resp: 5584
 Ion Ratio Lower Upper
 152 100
 150 156.1 124.5 186.7
 115 60.8 49.2 73.8



#2
 1,4-Dioxane
 Concen: 0.035 ng
 RT: 3.297 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN037846.D
 Acq: 20 Sep 2025 11:03

Tgt Ion: 88 Resp: 201
 Ion Ratio Lower Upper
 88 100
 43 89.6 26.8 40.2#
 58 150.7 61.9 92.9#

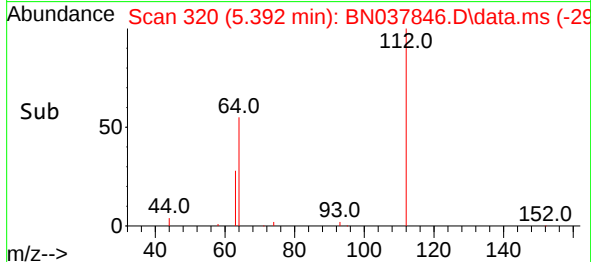
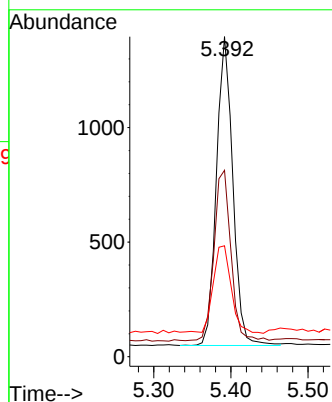
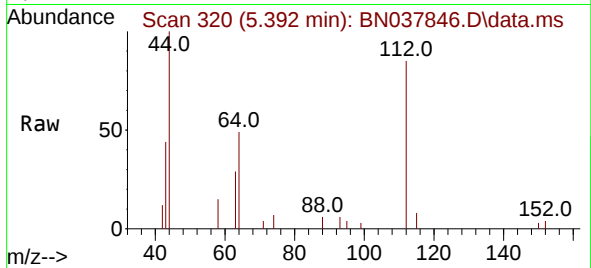




#4
2-Fluorophenol
Concen: 0.155 ng
RT: 5.392 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN037846.D
Acq: 20 Sep 2025 11:03

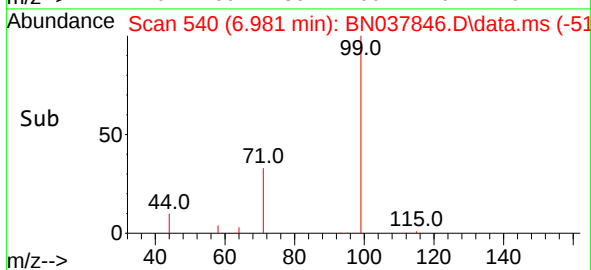
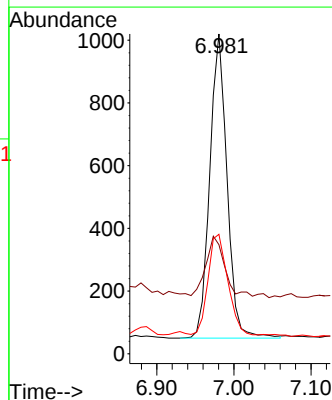
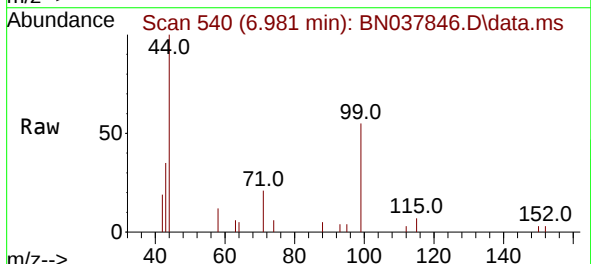
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 1988
Ion Ratio Lower Upper
112 100
64 56.8 44.9 67.3
63 31.0 24.7 37.1



#5
Phenol-d6
Concen: 0.091 ng
RT: 6.981 min Scan# 540
Delta R.T. -0.007 min
Lab File: BN037846.D
Acq: 20 Sep 2025 11:03

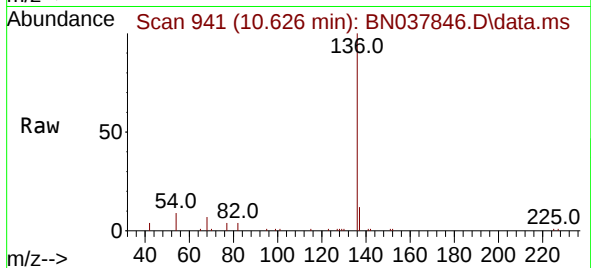
Tgt Ion: 99 Resp: 1507
Ion Ratio Lower Upper
99 100
42 23.0 16.6 24.8
71 37.6 26.7 40.1



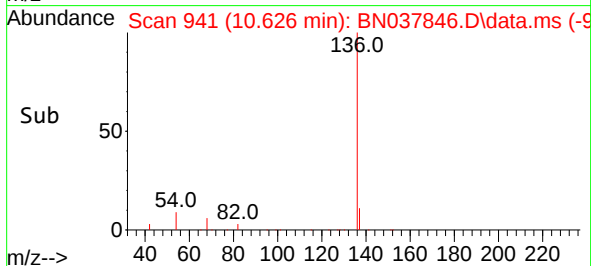
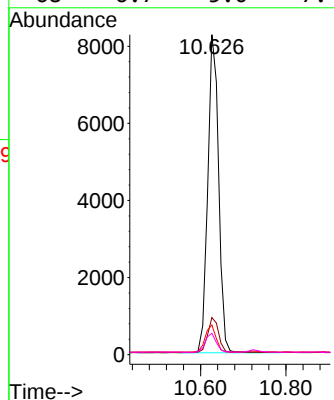


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 941
Delta R.T. -0.021 min
Lab File: BN037846.D
Acq: 20 Sep 2025 11:03

Instrument :
BNA_N
ClientSampleId :

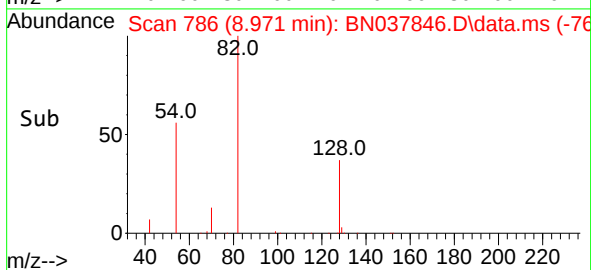
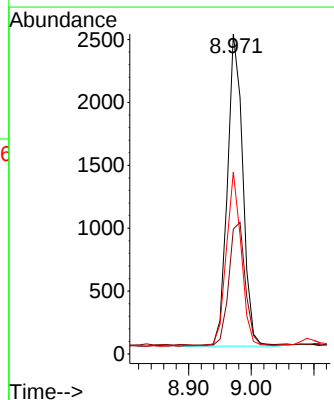
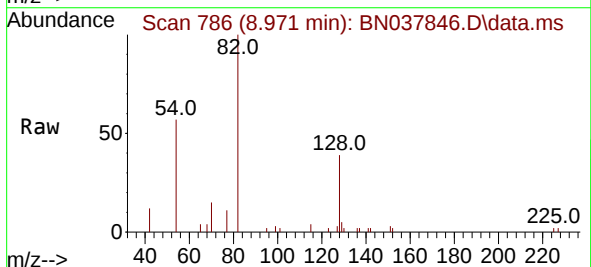


Tgt Ion:136	Resp:	14527
Ion Ratio	Lower	Upper
136	100	
137	11.6	9.1 13.7
54	9.3	6.3 9.5
68	6.7	5.0 7.4



#8
Nitrobenzene-d5
Concen: 0.398 ng
RT: 8.971 min Scan# 786
Delta R.T. -0.021 min
Lab File: BN037846.D
Acq: 20 Sep 2025 11:03

Tgt Ion: 82	Resp:	4234
Ion Ratio	Lower	Upper
82	100	
128	39.0	38.3 57.5
54	56.9	41.4 62.2





#11

2-Methylnaphthalene-d10

Concen: 0.320 ng

RT: 12.222 min Scan# 1164

Delta R.T. -0.020 min

Lab File: BN037846.D

Acq: 20 Sep 2025 11:03

Instrument :

BNA_N

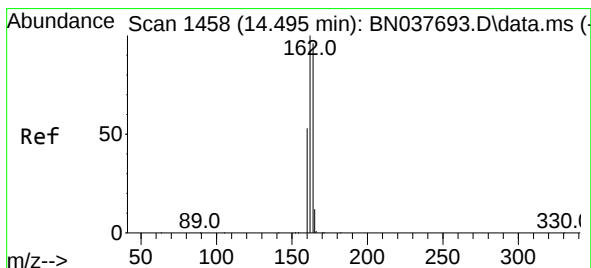
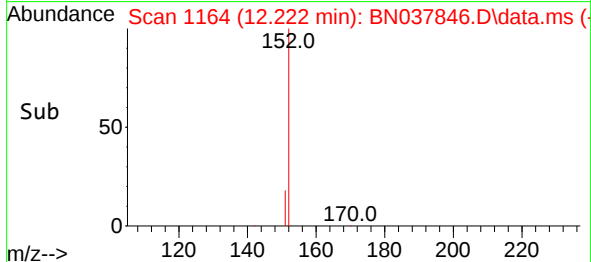
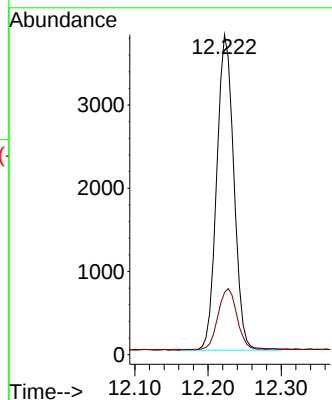
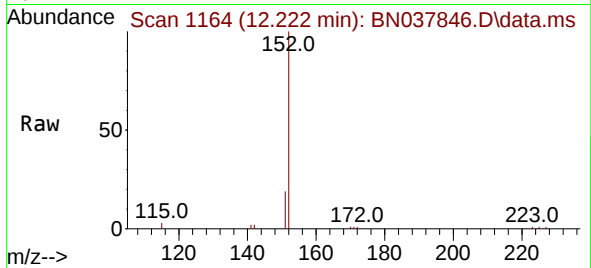
ClientSampleId :

Tgt Ion:152 Resp: 6160

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: BN037846.D

Acq: 20 Sep 2025 11:03

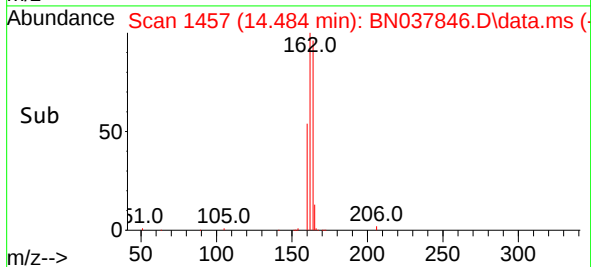
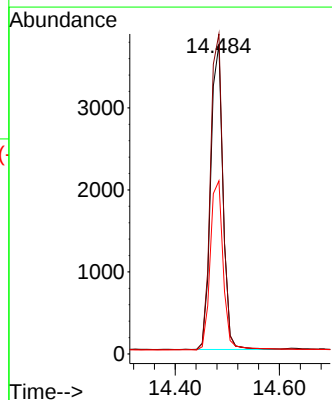
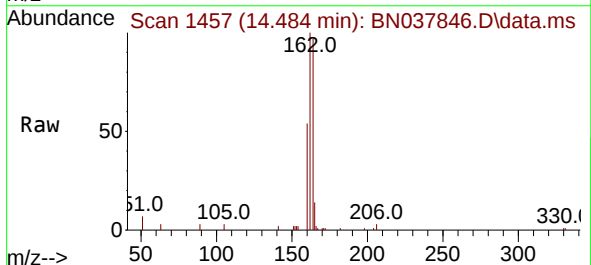
Tgt Ion:164 Resp: 6076

Ion Ratio Lower Upper

164 100

162 103.4 83.1 124.7

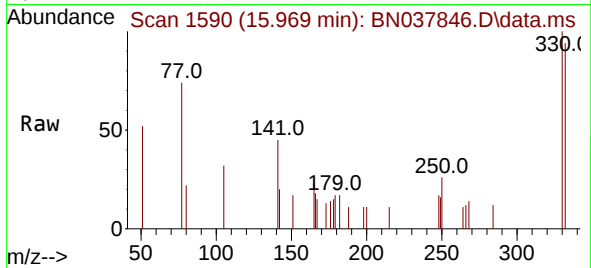
160 56.0 44.3 66.5



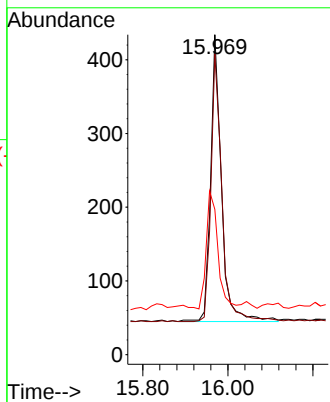
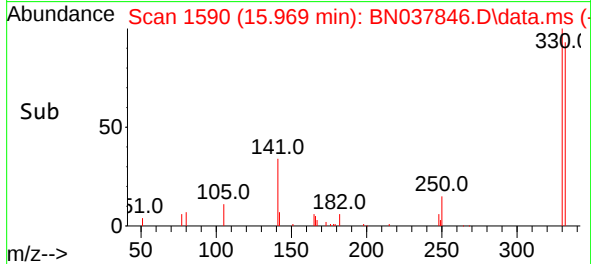


#14
2,4,6-Tribromophenol
Concen: 0.435 ng
RT: 15.969 min Scan# 1590
Delta R.T. -0.013 min
Lab File: BN037846.D
Acq: 20 Sep 2025 11:03

Instrument :
BNA_N
ClientSampleId :

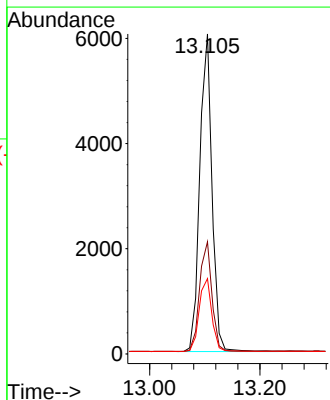
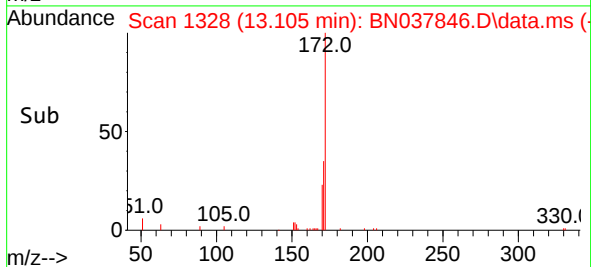
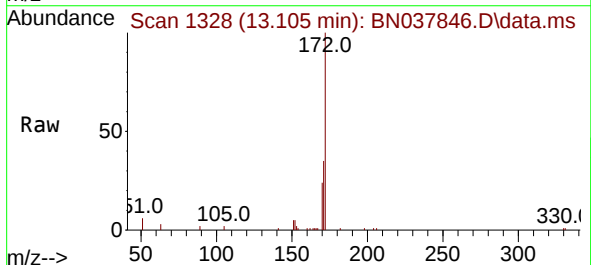


Tgt Ion:330 Resp: 689
Ion Ratio Lower Upper
330 100
332 93.8 75.3 112.9
141 42.4 35.0 52.4



#15
2-Fluorobiphenyl
Concen: 0.367 ng
RT: 13.105 min Scan# 1328
Delta R.T. -0.011 min
Lab File: BN037846.D
Acq: 20 Sep 2025 11:03

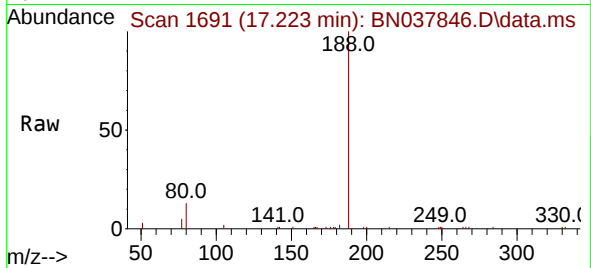
Tgt Ion:172 Resp: 9319
Ion Ratio Lower Upper
172 100
171 35.0 28.6 43.0
170 23.6 19.8 29.8



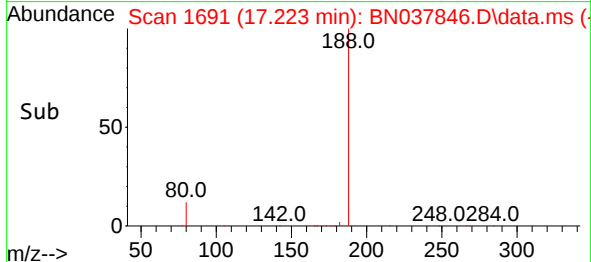
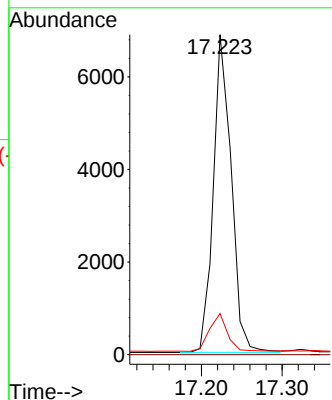


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 1692
Delta R.T. -0.012 min
Lab File: BN037846.D
Acq: 20 Sep 2025 11:03

Instrument :
BNA_N
ClientSampleId :

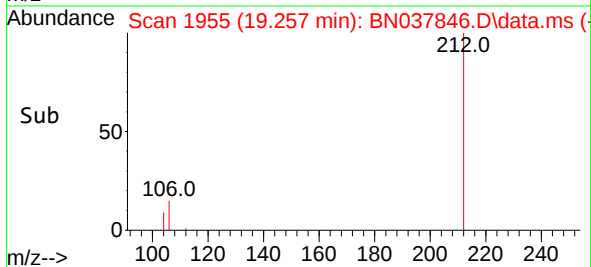
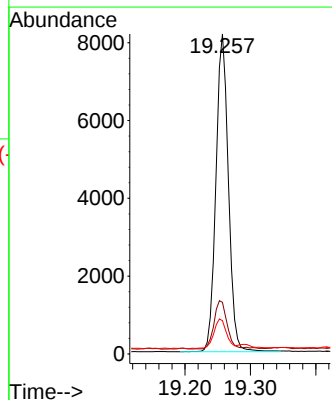
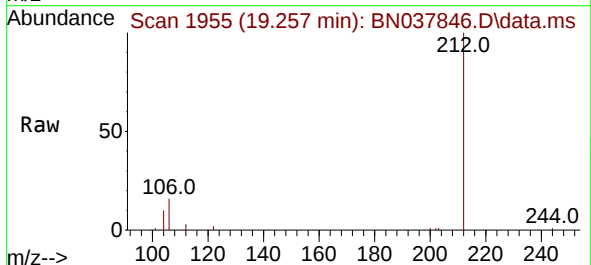


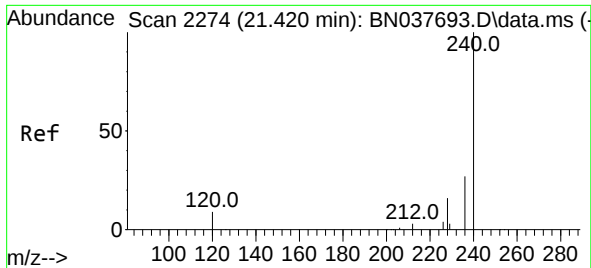
Tgt Ion:188 Resp: 10584
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.9 10.6 15.8



#27
Fluoranthene-d10
Concen: 0.407 ng
RT: 19.257 min Scan# 1955
Delta R.T. -0.014 min
Lab File: BN037846.D
Acq: 20 Sep 2025 11:03

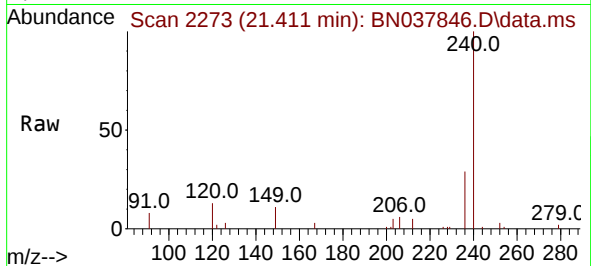
Tgt Ion:212 Resp: 10808
Ion Ratio Lower Upper
212 100
106 15.7 12.2 18.2
104 10.0 6.9 10.3



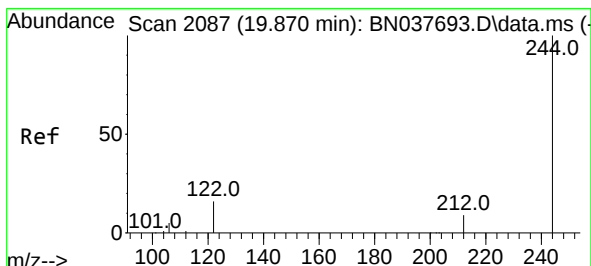
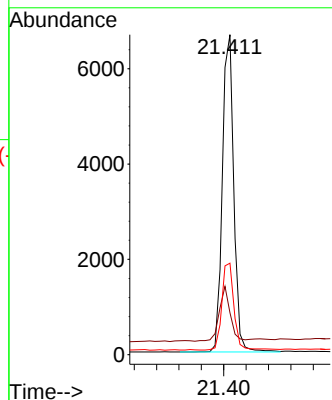


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.411 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037846.D
Acq: 20 Sep 2025 11:03

Instrument :
BNA_N
ClientSampleId :

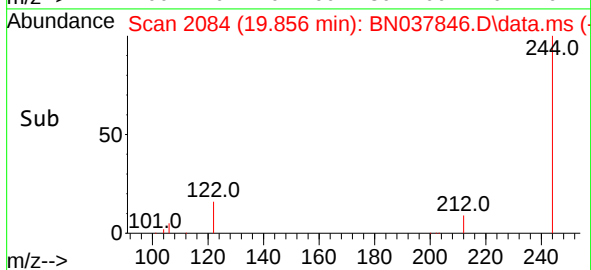
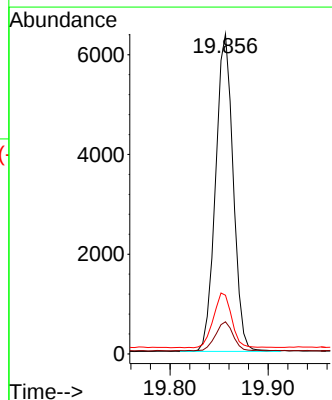
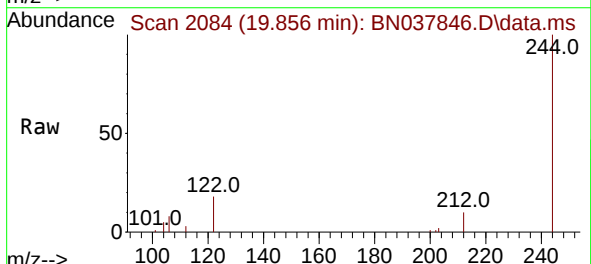


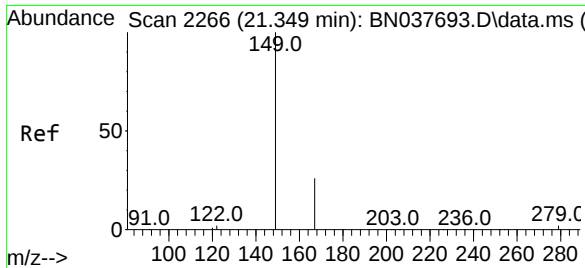
Tgt Ion:240 Resp: 9458
Ion Ratio Lower Upper
240 100
120 13.1 9.2 13.8
236 28.6 22.6 33.8



#31
Terphenyl-d14
Concen: 0.412 ng
RT: 19.856 min Scan# 2084
Delta R.T. -0.014 min
Lab File: BN037846.D
Acq: 20 Sep 2025 11:03

Tgt Ion:244 Resp: 7918
Ion Ratio Lower Upper
244 100
212 10.1 7.5 11.3
122 18.4 13.2 19.8

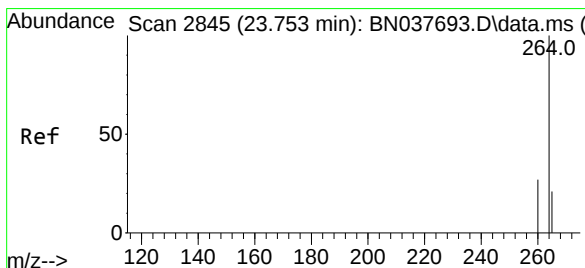
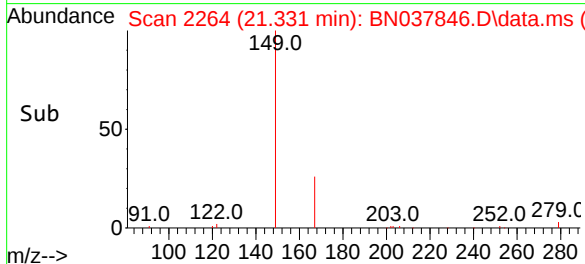
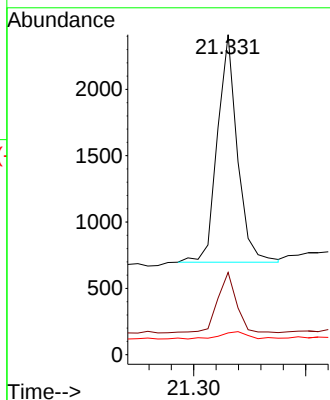
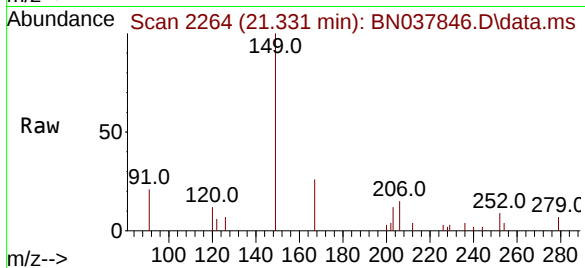




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.218 ng
 RT: 21.331 min Scan# 2131
 Delta R.T. -0.018 min
 Lab File: BN037846.D
 Acq: 20 Sep 2025 11:03

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:149 Resp: 2131
 Ion Ratio Lower Upper
 149 100
 167 24.5 20.8 31.2
 279 4.7 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: BN037846.D
 Acq: 20 Sep 2025 11:03

Tgt Ion:264 Resp: 8871
 Ion Ratio Lower Upper
 264 100
 260 27.5 21.8 32.8
 265 89.0 39.4 59.2#

