

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091925\
 Data File : BN037844.D
 Acq On : 20 Sep 2025 09:51
 Operator : RC/JU
 Sample : Q3097-20
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 22 00:37:20 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)

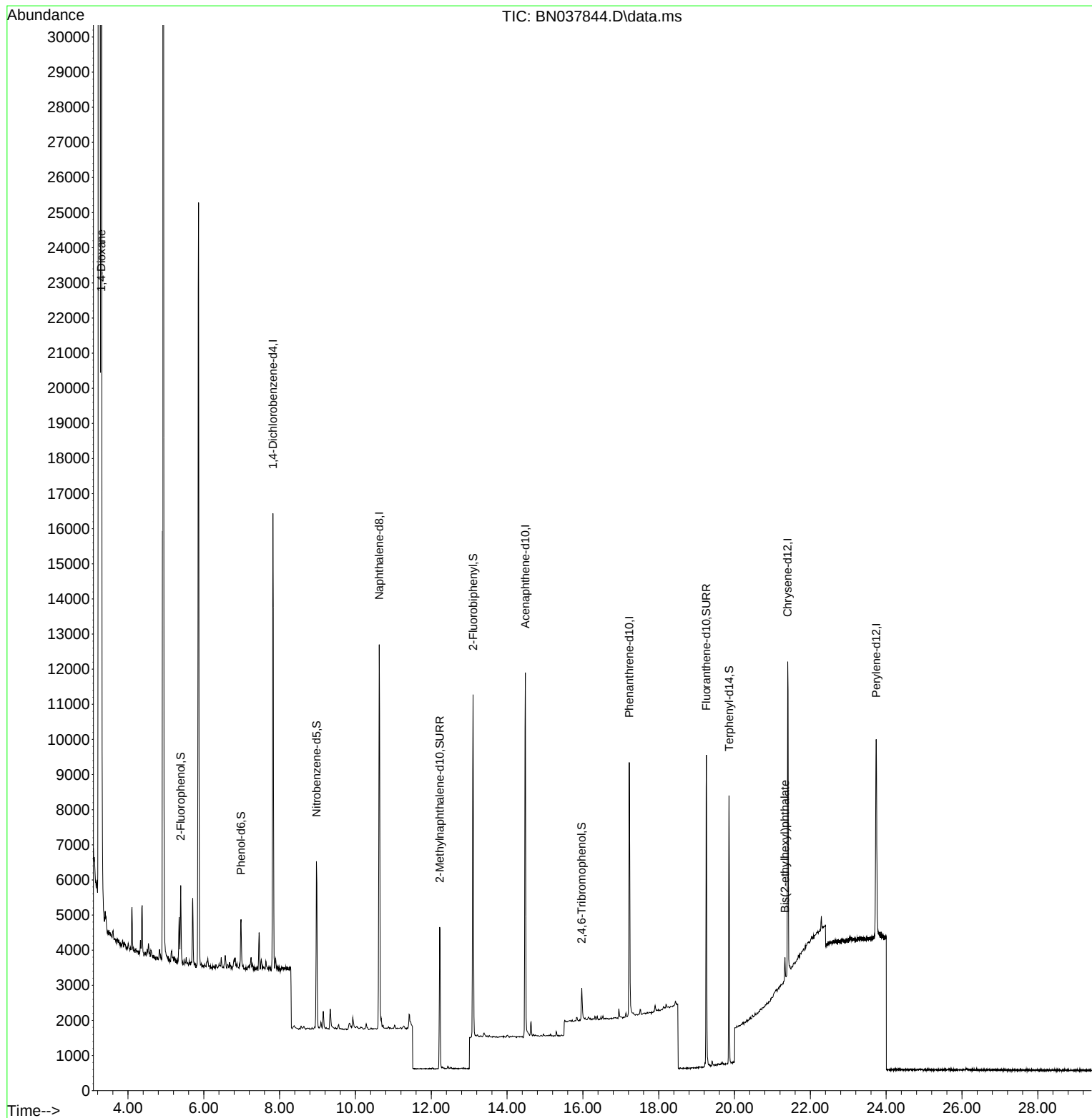
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	5678	0.400	ng	-0.01
7) Naphthalene-d8	10.626	136	14769	0.400	ng	#-0.02
13) Acenaphthene-d10	14.484	164	5979	0.400	ng	-0.01
19) Phenanthrene-d10	17.223	188	10331	0.400	ng	-0.01
29) Chrysene-d12	21.402	240	8651	0.400	ng	#-0.02
35) Perylene-d12	23.738	264	8407	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	1684	0.129	ng	0.00
5) Phenol-d6	6.980	99	1204	0.071	ng	0.00
8) Nitrobenzene-d5	8.971	82	3919	0.363	ng	-0.02
11) 2-Methylnaphthalene-d10	12.222	152	5475	0.280	ng	-0.02
14) 2,4,6-Tribromophenol	15.969	330	594	0.381	ng	-0.01
15) 2-Fluorobiphenyl	13.105	172	8318	0.333	ng	-0.01
27) Fluoranthene-d10	19.257	212	9565	0.369	ng	-0.01
31) Terphenyl-d14	19.856	244	6944	0.395	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.297	88	43571	7.367	ng	96
34) Bis(2-ethylhexyl)phtha...	21.331	149	753	0.084	ng	# 96

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

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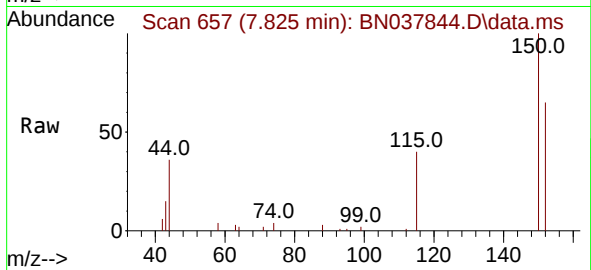
Quant Time: Sep 22 00:37:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



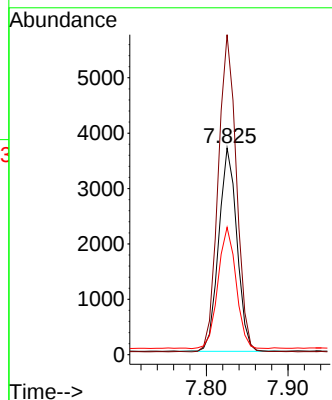
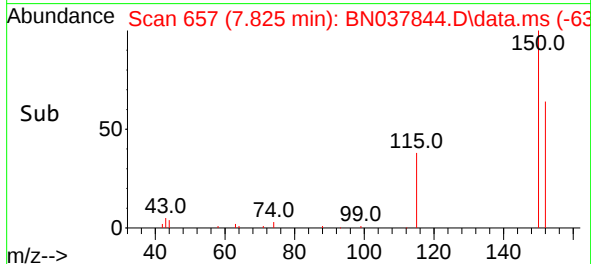


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.825 min Scan# 6
 Delta R.T. -0.015 min
 Lab File: BN037844.D
 Acq: 20 Sep 2025 09:51

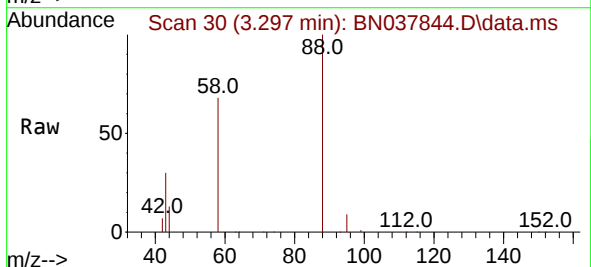
Instrument :
 BNA_N
 ClientSampleId :



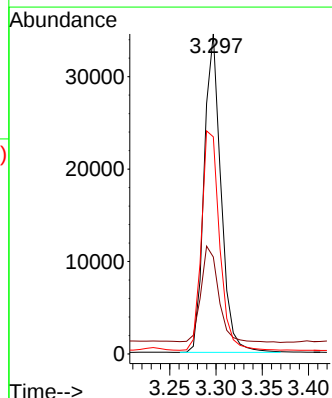
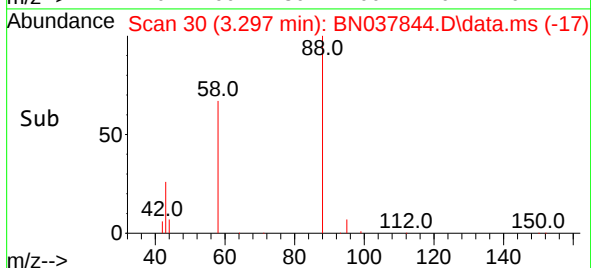
Tgt Ion:152 Resp: 5678
 Ion Ratio Lower Upper
 152 100
 150 154.7 124.5 186.7
 115 61.6 49.2 73.8



#2
 1,4-Dioxane
 Concen: 7.367 ng
 RT: 3.297 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN037844.D
 Acq: 20 Sep 2025 09:51



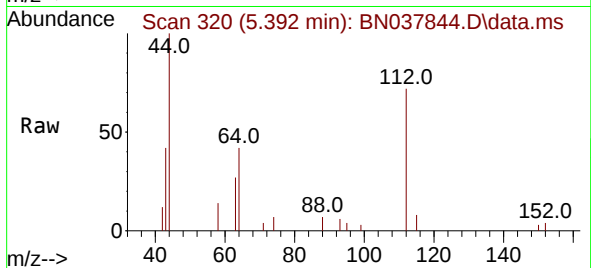
Tgt Ion: 88 Resp: 43571
 Ion Ratio Lower Upper
 88 100
 43 31.8 26.8 40.2
 58 73.8 61.9 92.9



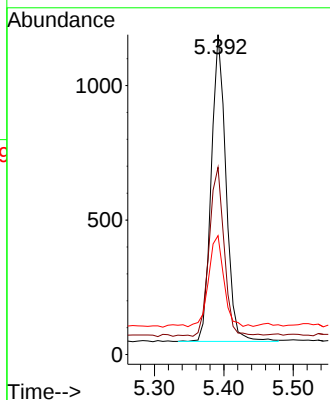
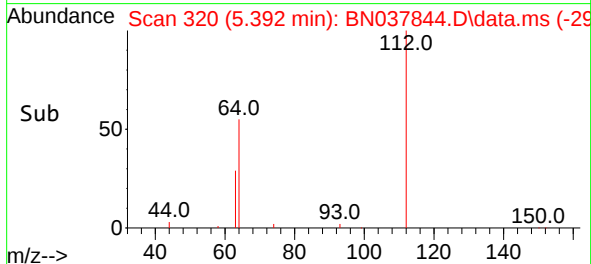


#4
2-Fluorophenol
Concen: 0.129 ng
RT: 5.392 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN037844.D
Acq: 20 Sep 2025 09:51

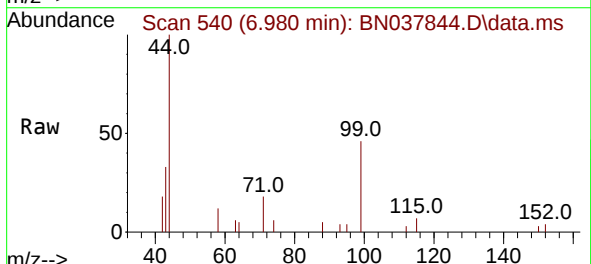
Instrument :
BNA_N
ClientSampleId :



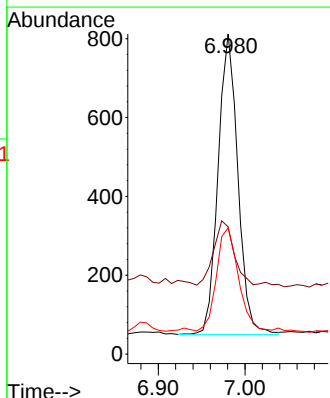
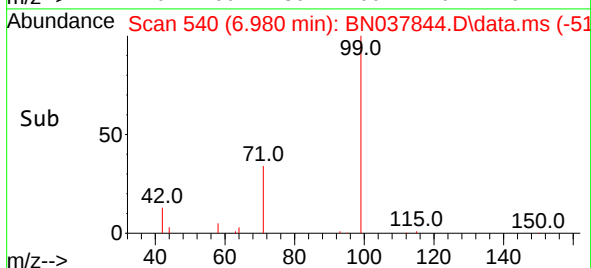
Tgt Ion:112 Resp: 1684
Ion Ratio Lower Upper
112 100
64 56.5 44.9 67.3
63 31.1 24.7 37.1

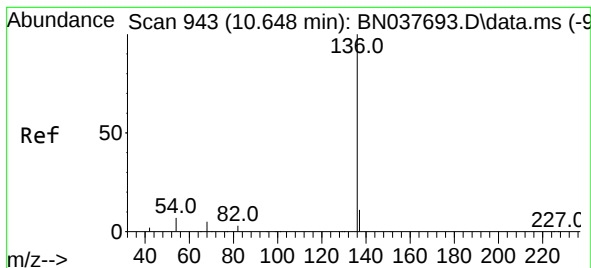


#5
Phenol-d6
Concen: 0.071 ng
RT: 6.980 min Scan# 540
Delta R.T. -0.007 min
Lab File: BN037844.D
Acq: 20 Sep 2025 09:51



Tgt Ion: 99 Resp: 1204
Ion Ratio Lower Upper
99 100
42 21.8 16.6 24.8
71 37.7 26.7 40.1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.626 min Scan# 94

Delta R.T. -0.021 min

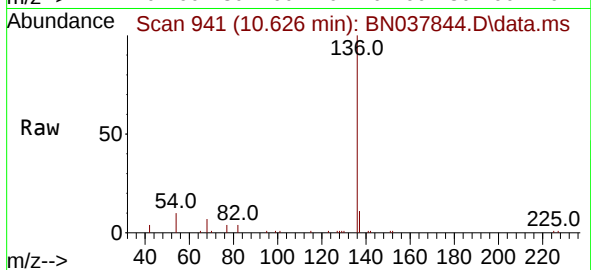
Lab File: BN037844.D

Acq: 20 Sep 2025 09:51

Instrument :

BNA_N

ClientSampleId :



Tgt Ion:136 Resp: 14769

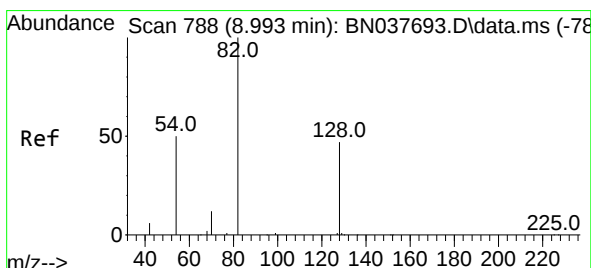
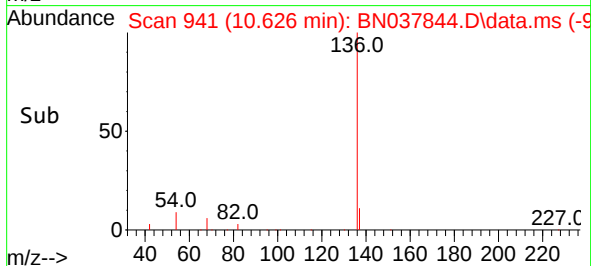
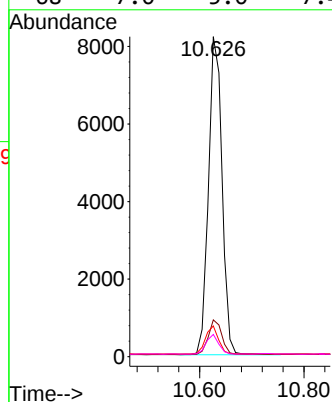
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 9.6 6.3 9.5#

68 7.0 5.0 7.4



#8

Nitrobenzene-d5

Concen: 0.363 ng

RT: 8.971 min Scan# 786

Delta R.T. -0.022 min

Lab File: BN037844.D

Acq: 20 Sep 2025 09:51

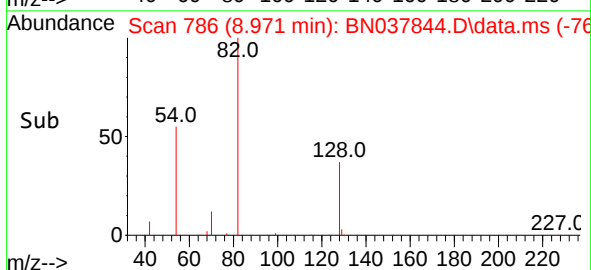
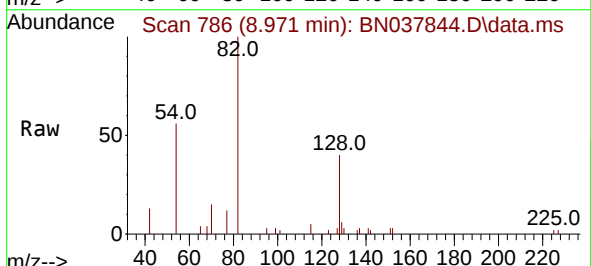
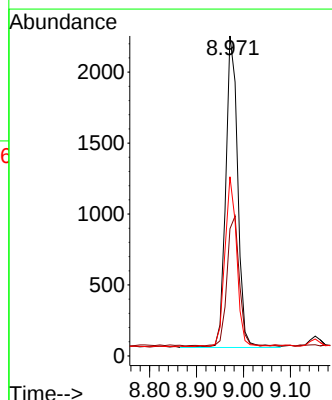
Tgt Ion: 82 Resp: 3919

Ion Ratio Lower Upper

82 100

128 39.7 38.3 57.5

54 56.0 41.4 62.2

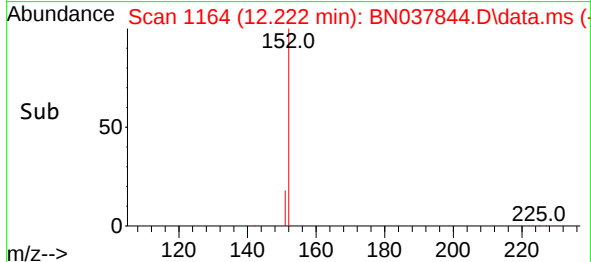
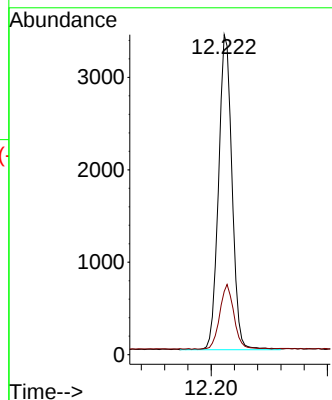
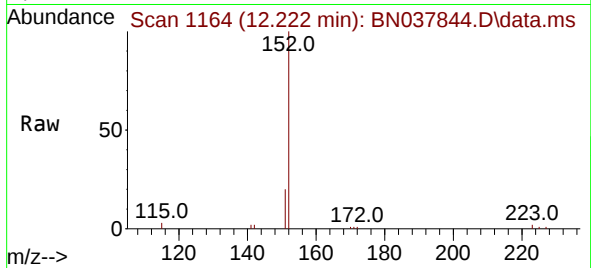




#11
2-Methylnaphthalene-d10
Concen: 0.280 ng
RT: 12.222 min Scan# 1164
Delta R.T. -0.020 min
Lab File: BN037844.D
Acq: 20 Sep 2025 09:51

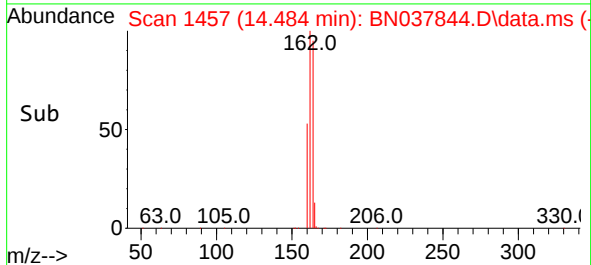
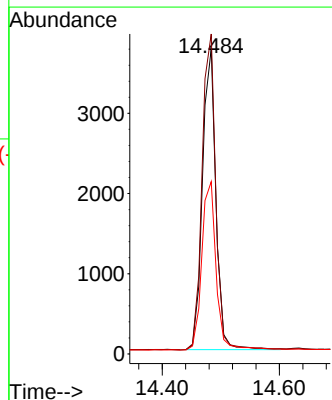
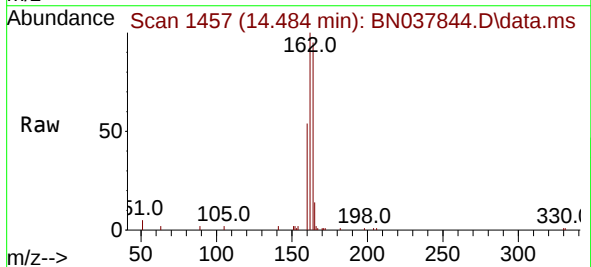
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 5475
Ion Ratio Lower Upper
152 100
151 21.6 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: BN037844.D
Acq: 20 Sep 2025 09:51

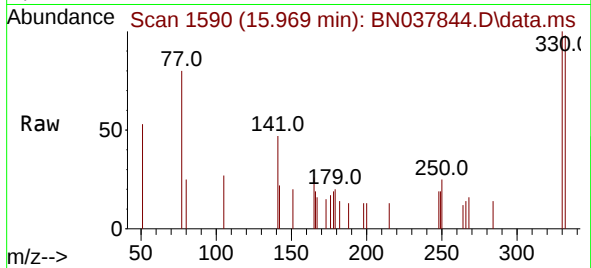
Tgt Ion:164 Resp: 5979
Ion Ratio Lower Upper
164 100
162 104.9 83.1 124.7
160 56.5 44.3 66.5



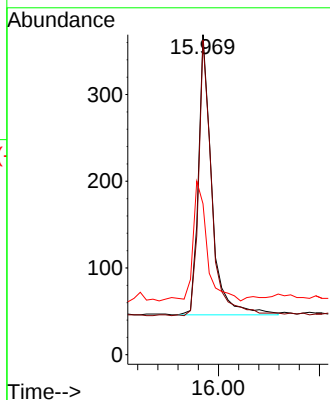
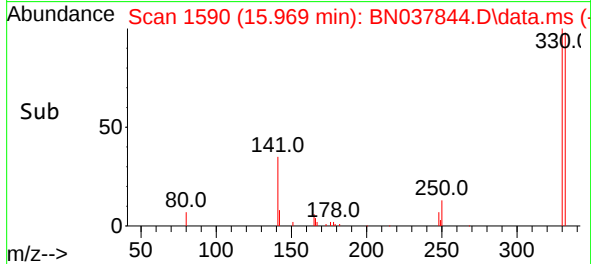


#14
2,4,6-Tribromophenol
Concen: 0.381 ng
RT: 15.969 min Scan# 1590
Delta R.T. -0.013 min
Lab File: BN037844.D
Acq: 20 Sep 2025 09:51

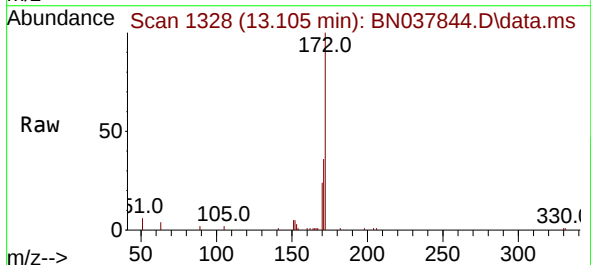
Instrument :
BNA_N
ClientSampleId :



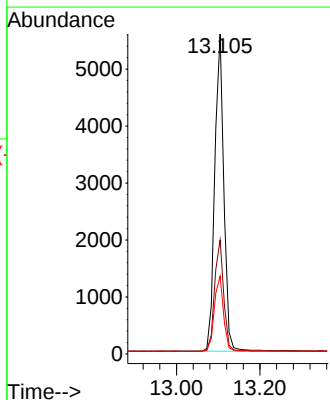
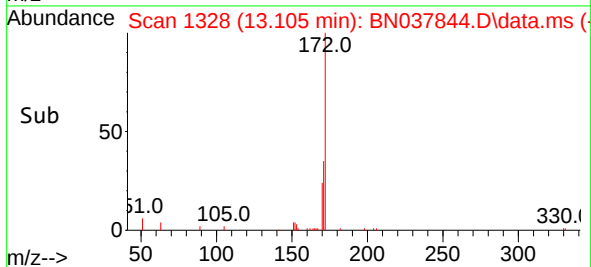
Tgt Ion:330 Resp: 594
Ion Ratio Lower Upper
330 100
332 97.0 75.3 112.9
141 44.9 35.0 52.4



#15
2-Fluorobiphenyl
Concen: 0.333 ng
RT: 13.105 min Scan# 1328
Delta R.T. -0.011 min
Lab File: BN037844.D
Acq: 20 Sep 2025 09:51



Tgt Ion:172 Resp: 8318
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 24.3 19.8 29.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.223 min Scan# 1

Delta R.T. -0.013 min

Lab File: BN037844.D

Acq: 20 Sep 2025 09:51

Instrument :

BNA_N

ClientSampleId :

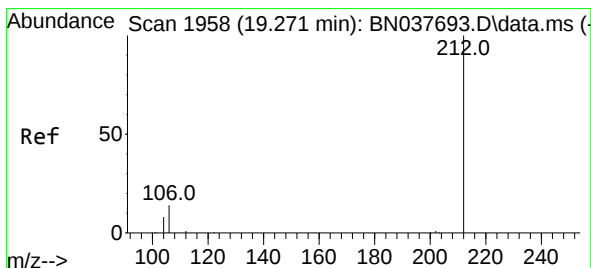
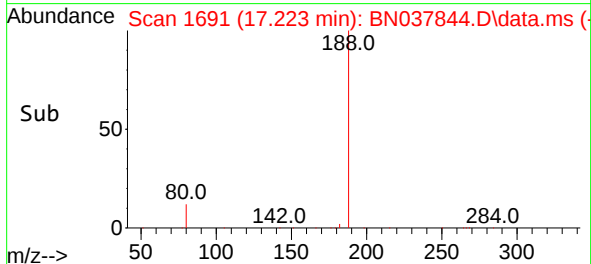
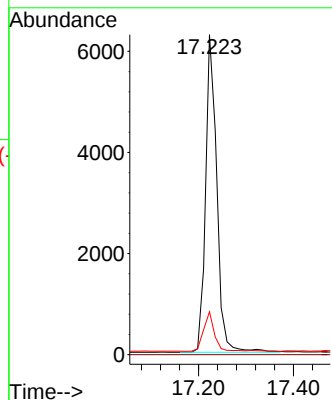
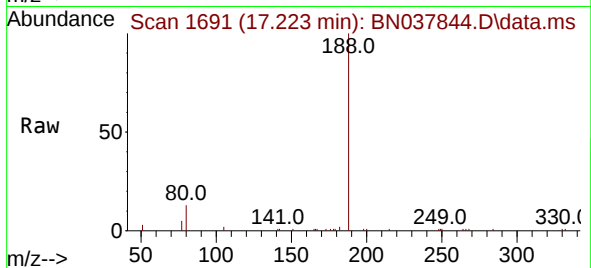
Tgt Ion:188 Resp: 10331

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.4 10.6 15.8



#27

Fluoranthene-d10

Concen: 0.369 ng

RT: 19.257 min Scan# 1955

Delta R.T. -0.014 min

Lab File: BN037844.D

Acq: 20 Sep 2025 09:51

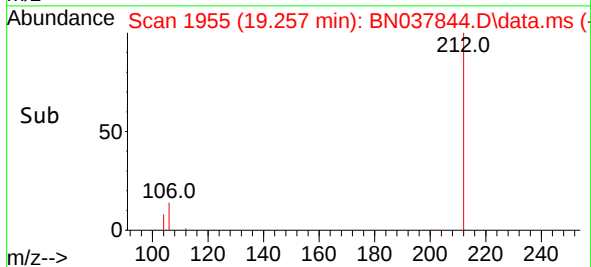
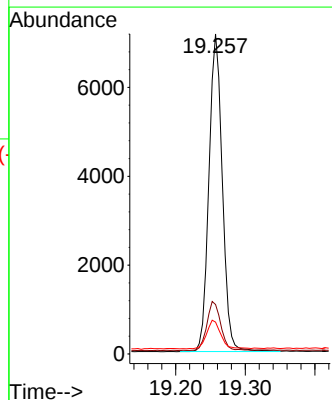
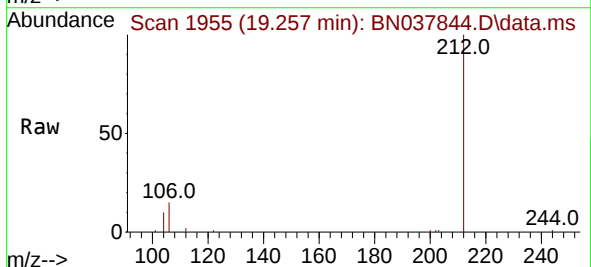
Tgt Ion:212 Resp: 9565

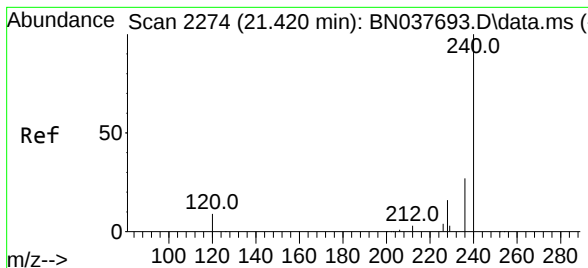
Ion Ratio Lower Upper

212 100

106 15.7 12.2 18.2

104 9.5 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: BN037844.D

Acq: 20 Sep 2025 09:51

Instrument :

BNA_N

ClientSampleId :

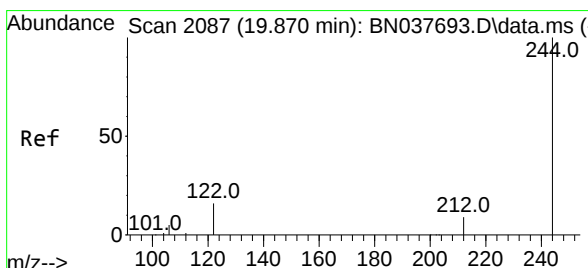
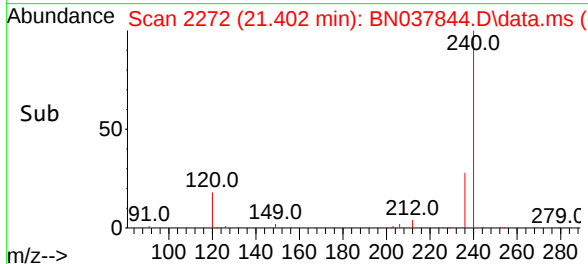
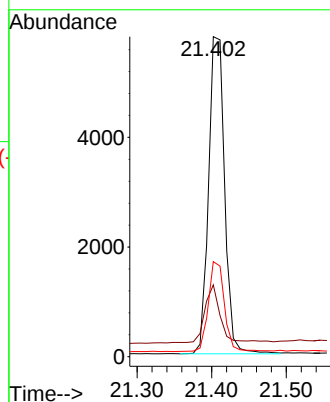
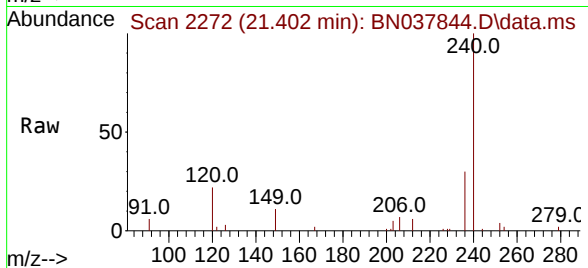
Tgt Ion:240 Resp: 8651

Ion Ratio Lower Upper

240 100

120 22.5 9.2 13.8#

236 29.7 22.6 33.8



#31

Terphenyl-d14

Concen: 0.395 ng

RT: 19.856 min Scan# 2084

Delta R.T. -0.014 min

Lab File: BN037844.D

Acq: 20 Sep 2025 09:51

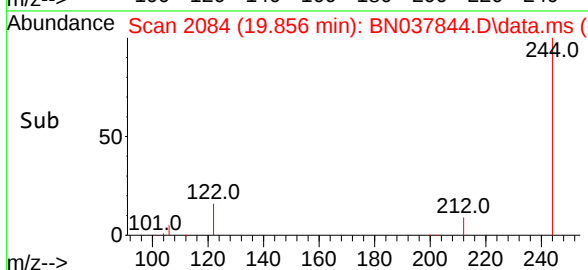
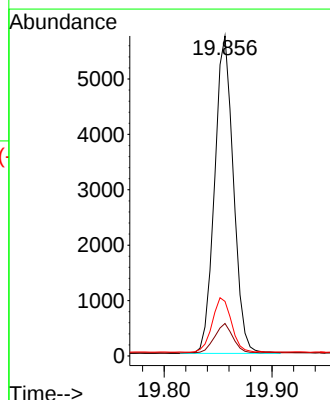
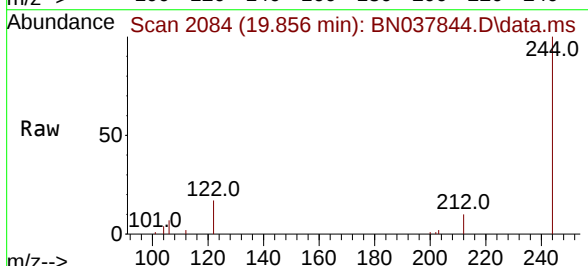
Tgt Ion:244 Resp: 6944

Ion Ratio Lower Upper

244 100

212 10.2 7.5 11.3

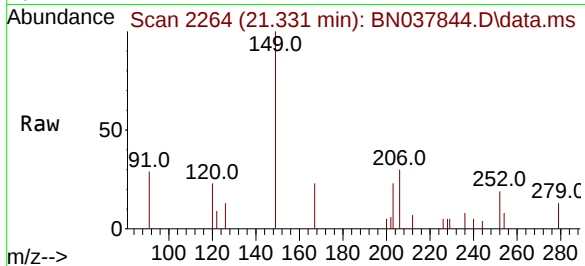
122 17.1 13.2 19.8



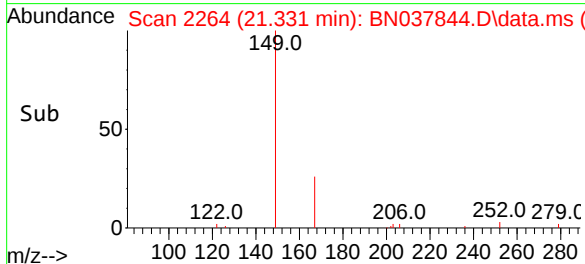
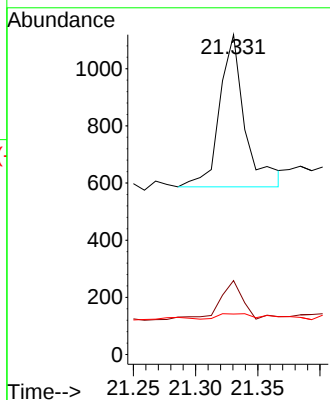


#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.084 ng
 RT: 21.331 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BN037844.D
 Acq: 20 Sep 2025 09:51

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:149 Resp: 753
 Ion Ratio Lower Upper
 149 100
 167 24.6 20.8 31.2
 279 8.4 3.3 4.9#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.738 min Scan# 2840
 Delta R.T. -0.015 min
 Lab File: BN037844.D
 Acq: 20 Sep 2025 09:51

Tgt Ion:264 Resp: 8407
 Ion Ratio Lower Upper
 264 100
 260 26.9 21.8 32.8
 265 92.7 39.4 59.2#

