

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091825\
 Data File : BN037801.D
 Acq On : 19 Sep 2025 06:25
 Operator : RC/JU
 Sample : Q3097-10
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 19 07:43:19 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)

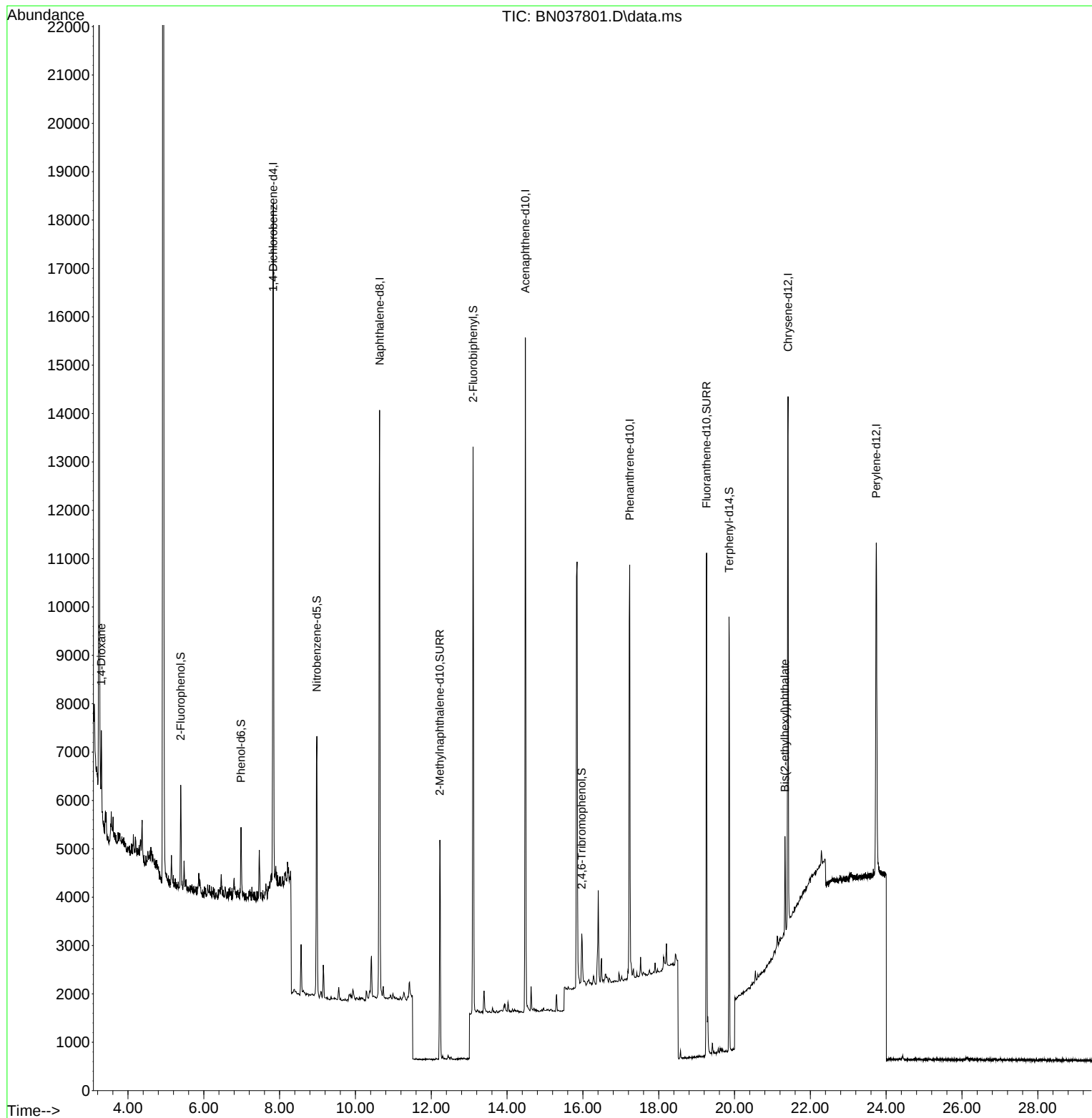
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	6805	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	16558	0.400	ng	-0.01
13) Acenaphthene-d10	14.484	164	7363	0.400	ng	-0.01
19) Phenanthrene-d10	17.235	188	12865	0.400	ng	# 0.00
29) Chrysene-d12	21.411	240	10547	0.400	ng	0.00
35) Perylene-d12	23.739	264	10142	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	1730	0.111	ng	0.00
5) Phenol-d6	6.980	99	1249	0.062	ng	0.00
8) Nitrobenzene-d5	8.982	82	4351	0.359	ng	-0.01
11) 2-Methylnaphthalene-d10	12.227	152	6125	0.279	ng	-0.02
14) 2,4,6-Tribromophenol	15.969	330	693	0.361	ng	-0.01
15) 2-Fluorobiphenyl	13.105	172	9637	0.313	ng	-0.01
27) Fluoranthene-d10	19.262	212	11443	0.354	ng	0.00
31) Terphenyl-d14	19.856	244	8471	0.396	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.297	88	1024	0.144	ng	# 87
34) Bis(2-ethylhexyl)phtha...	21.331	149	1817	0.167	ng	98

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

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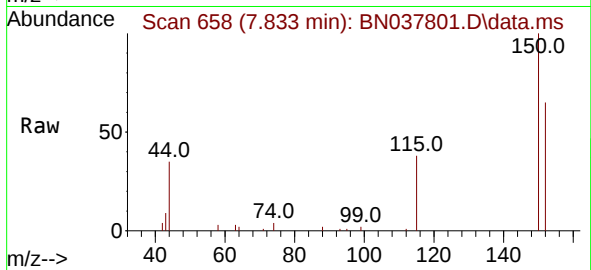
Quant Time: Sep 19 07:43:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



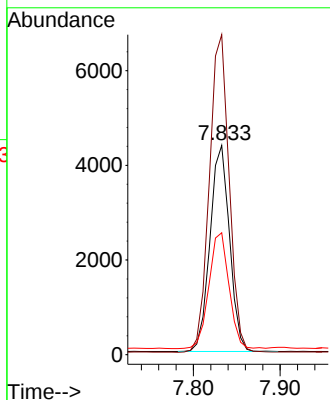
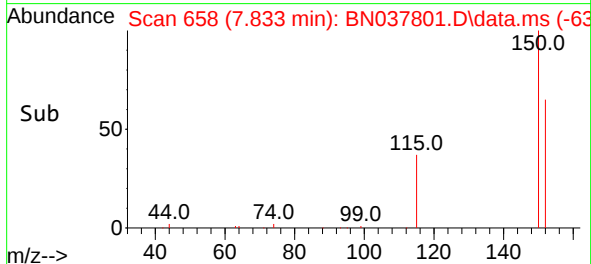


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.833 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037801.D
 Acq: 19 Sep 2025 06:25

Instrument :
 BNA_N
 ClientSampleId :

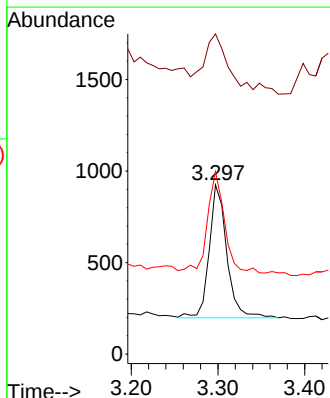
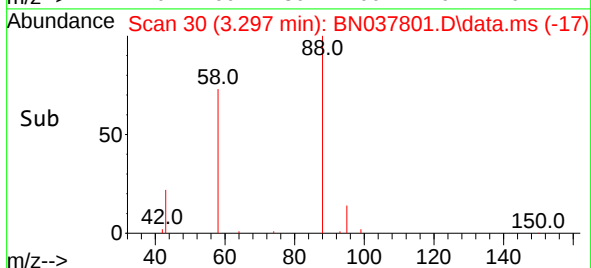
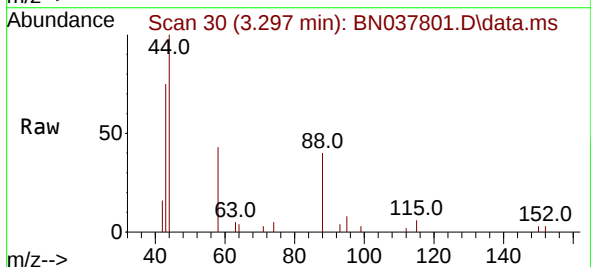


Tgt Ion:152 Resp: 6805
 Ion Ratio Lower Upper
 152 100
 150 152.9 124.5 186.7
 115 58.3 49.2 73.8



#2
 1,4-Dioxane
 Concen: 0.144 ng
 RT: 3.297 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN037801.D
 Acq: 19 Sep 2025 06:25

Tgt Ion: 88 Resp: 1024
 Ion Ratio Lower Upper
 88 100
 43 53.2 26.8 40.2#
 58 74.6 61.9 92.9

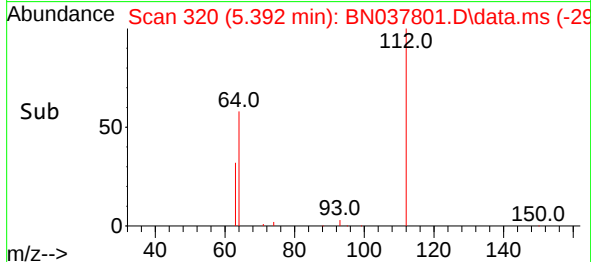
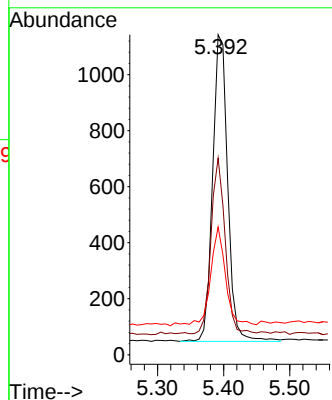
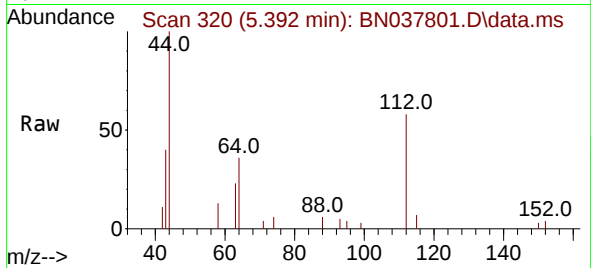




#4
2-Fluorophenol
Concen: 0.111 ng
RT: 5.392 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN037801.D
Acq: 19 Sep 2025 06:25

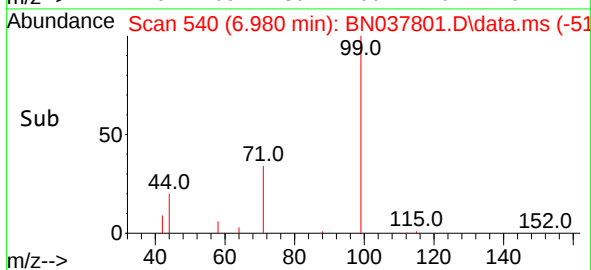
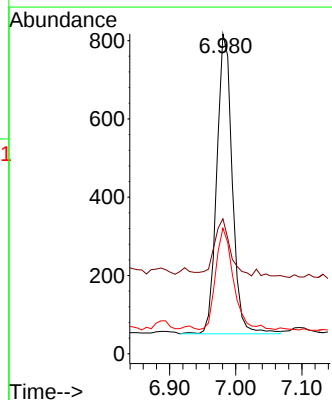
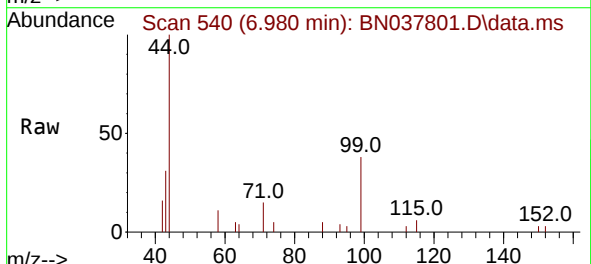
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 1730
Ion Ratio Lower Upper
112 100
64 53.8 44.9 67.3
63 32.4 24.7 37.1



#5
Phenol-d6
Concen: 0.062 ng
RT: 6.980 min Scan# 540
Delta R.T. -0.007 min
Lab File: BN037801.D
Acq: 19 Sep 2025 06:25

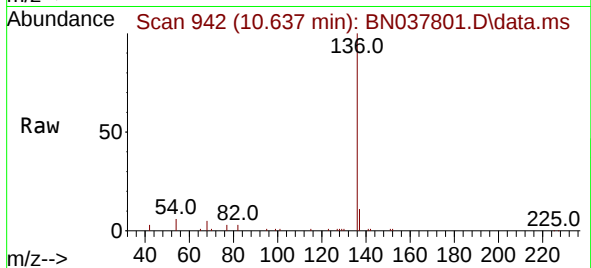
Tgt Ion: 99 Resp: 1249
Ion Ratio Lower Upper
99 100
42 19.3 16.6 24.8
71 38.3 26.7 40.1



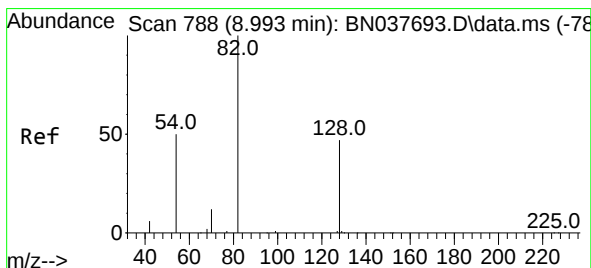
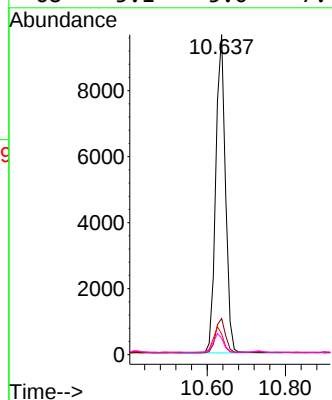


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037801.D
Acq: 19 Sep 2025 06:25

Instrument :
BNA_N
ClientSampleId :

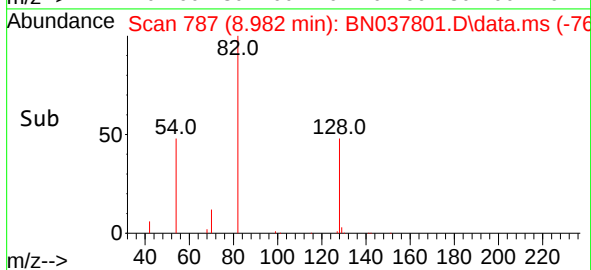
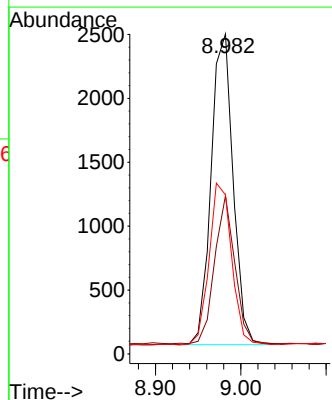
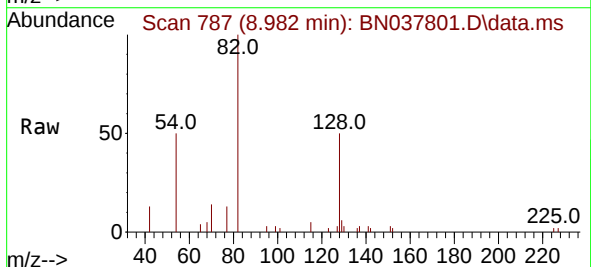


Tgt Ion:	136	Resp:	16558
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.1	13.7
54	6.5	6.3	9.5
68	5.1	5.0	7.4



#8
Nitrobenzene-d5
Concen: 0.359 ng
RT: 8.982 min Scan# 787
Delta R.T. -0.011 min
Lab File: BN037801.D
Acq: 19 Sep 2025 06:25

Tgt Ion:	82	Resp:	4351
Ion Ratio	Lower	Upper	
82	100		
128	49.5	38.3	57.5
54	49.7	41.4	62.2

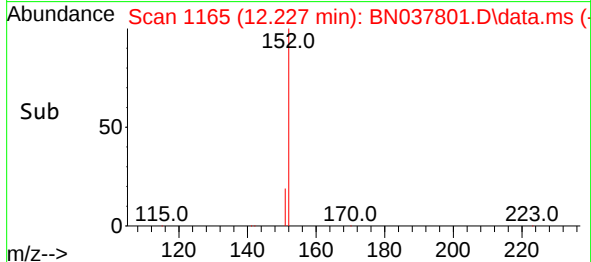
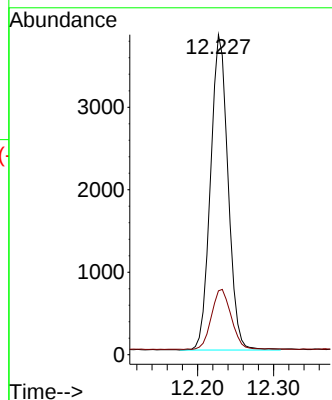
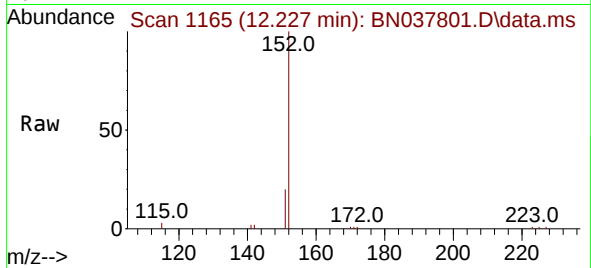




#11
2-Methylnaphthalene-d10
Concen: 0.279 ng
RT: 12.227 min Scan# 1165
Delta R.T. -0.015 min
Lab File: BN037801.D
Acq: 19 Sep 2025 06:25

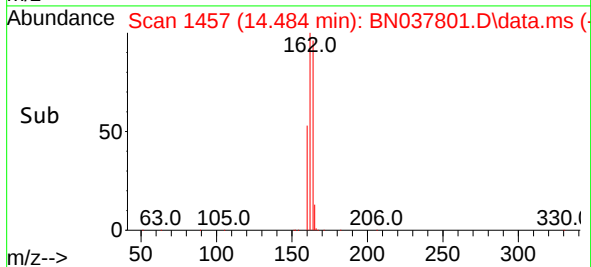
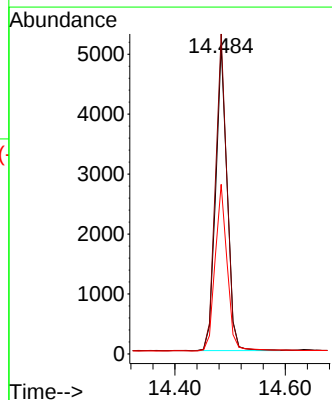
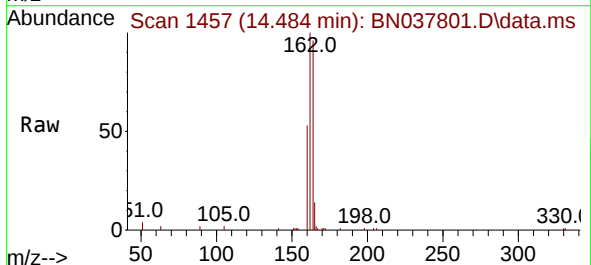
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 6125
Ion Ratio Lower Upper
152 100
151 21.4 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: BN037801.D
Acq: 19 Sep 2025 06:25

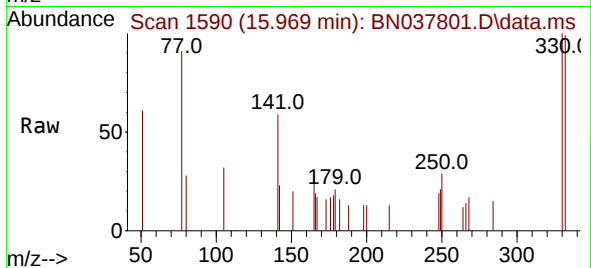
Tgt Ion:164 Resp: 7363
Ion Ratio Lower Upper
164 100
162 103.8 83.1 124.7
160 55.0 44.3 66.5



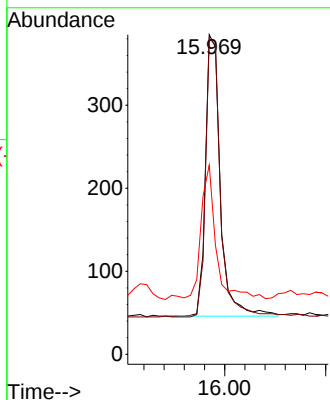
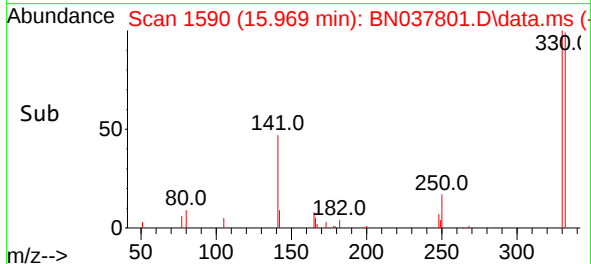


#14
2,4,6-Tribromophenol
Concen: 0.361 ng
RT: 15.969 min Scan# 1590
Delta R.T. -0.013 min
Lab File: BN037801.D
Acq: 19 Sep 2025 06:25

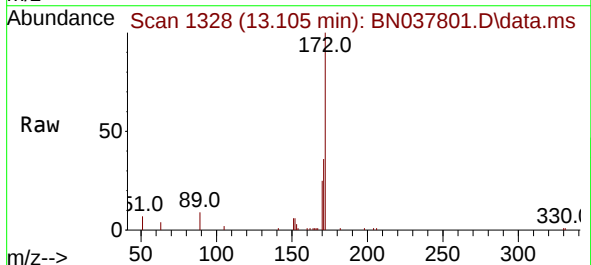
Instrument :
BNA_N
ClientSampleId :



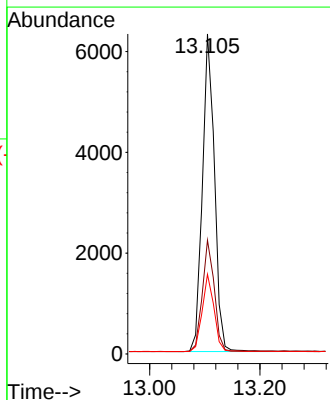
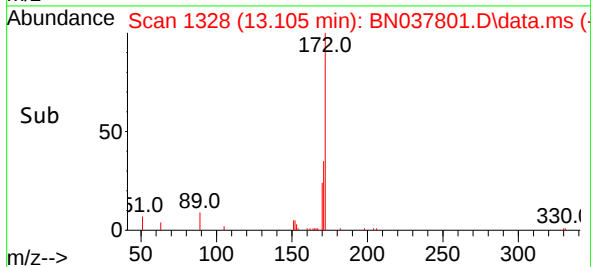
Tgt Ion:330 Resp: 693
Ion Ratio Lower Upper
330 100
332 99.0 75.3 112.9
141 49.4 35.0 52.4



#15
2-Fluorobiphenyl
Concen: 0.313 ng
RT: 13.105 min Scan# 1328
Delta R.T. -0.011 min
Lab File: BN037801.D
Acq: 19 Sep 2025 06:25



Tgt Ion:172 Resp: 9637
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 24.9 19.8 29.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.235 min Scan# 1

Delta R.T. -0.000 min

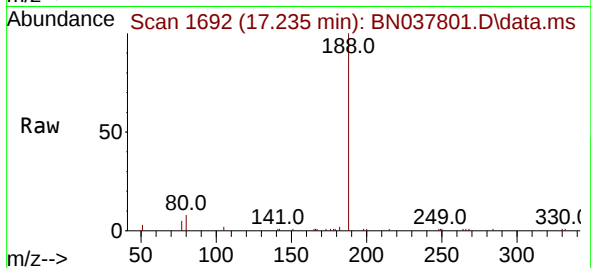
Lab File: BN037801.D

Acq: 19 Sep 2025 06:25

Instrument :

BNA_N

ClientSampleId :



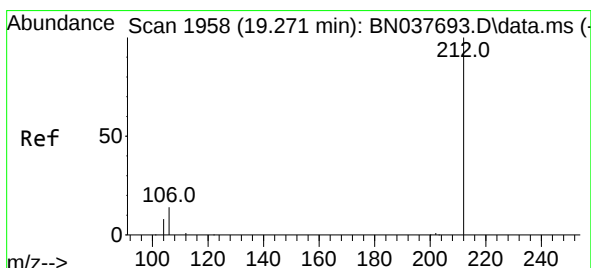
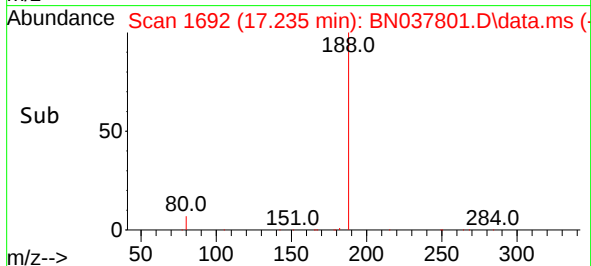
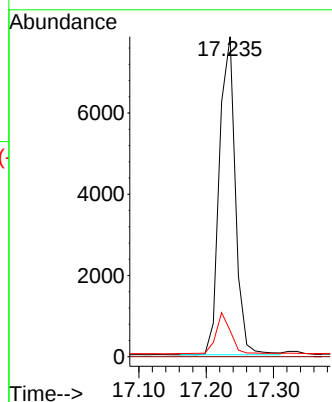
Tgt Ion:188 Resp: 12865

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.1 10.6 15.8#



#27

Fluoranthene-d10

Concen: 0.354 ng

RT: 19.262 min Scan# 1956

Delta R.T. -0.009 min

Lab File: BN037801.D

Acq: 19 Sep 2025 06:25

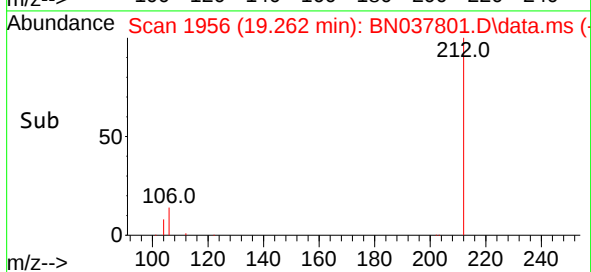
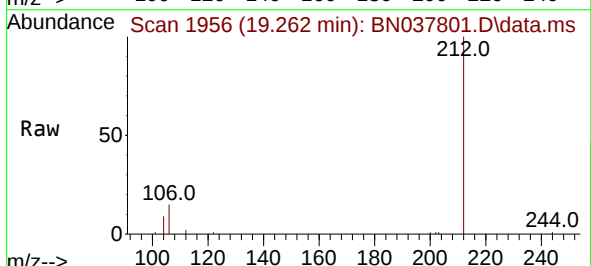
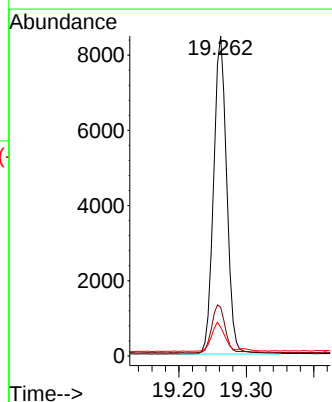
Tgt Ion:212 Resp: 11443

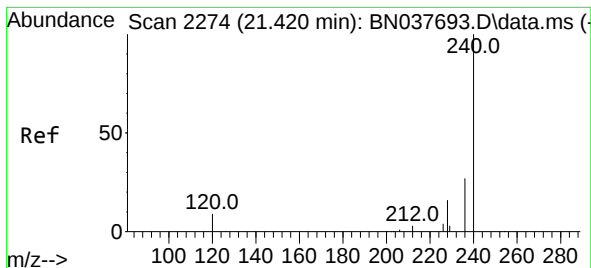
Ion Ratio Lower Upper

212 100

106 15.8 12.2 18.2

104 8.9 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: BN037801.D

Acq: 19 Sep 2025 06:25

Instrument :

BNA_N

ClientSampleId :

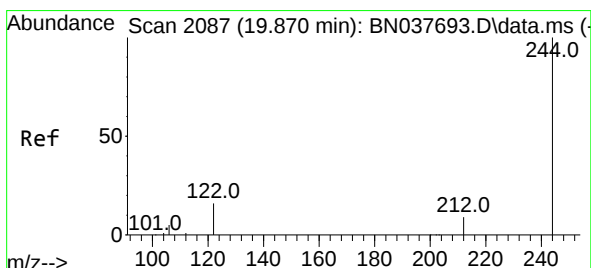
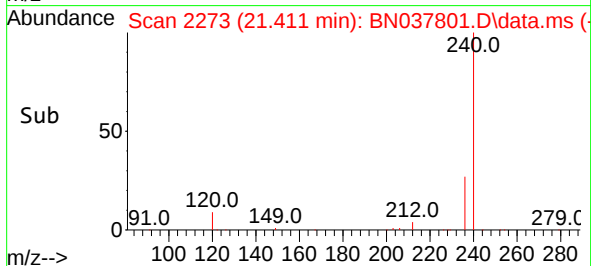
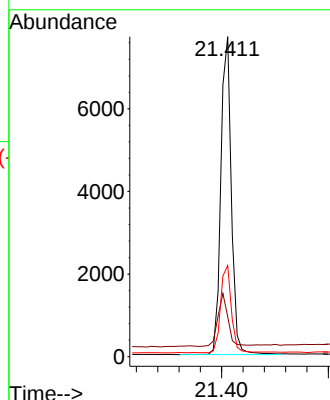
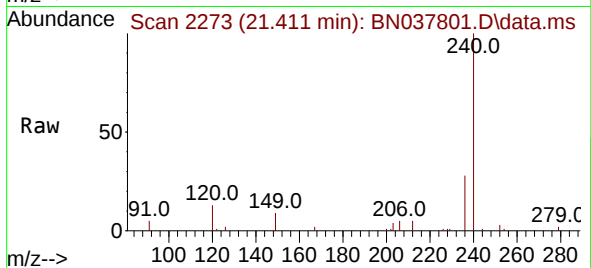
Tgt Ion:240 Resp: 10547

Ion Ratio Lower Upper

240 100

120 12.5 9.2 13.8

236 28.5 22.6 33.8



#31

Terphenyl-d14

Concen: 0.396 ng

RT: 19.856 min Scan# 2084

Delta R.T. -0.014 min

Lab File: BN037801.D

Acq: 19 Sep 2025 06:25

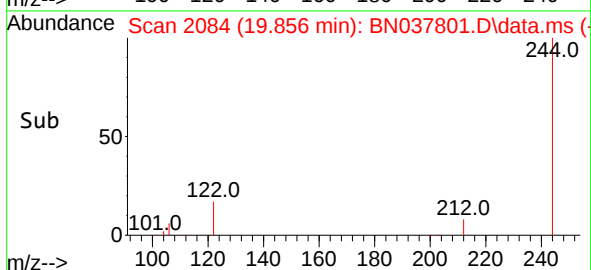
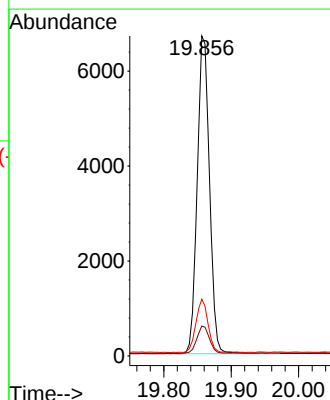
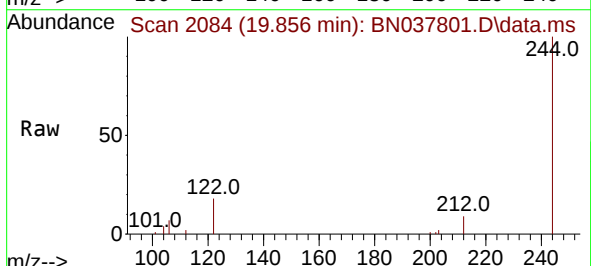
Tgt Ion:244 Resp: 8471

Ion Ratio Lower Upper

244 100

212 9.4 7.5 11.3

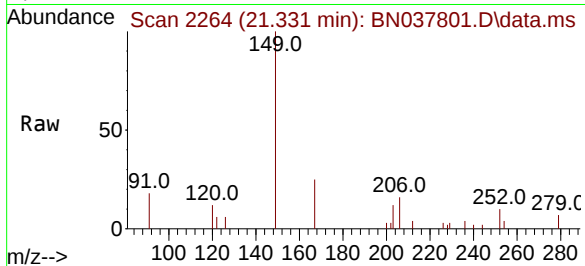
122 17.8 13.2 19.8



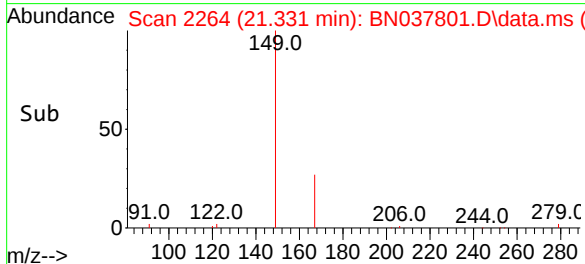
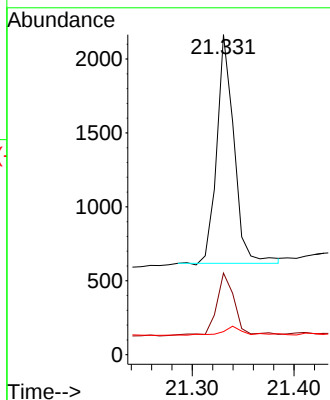


#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.167 ng
 RT: 21.331 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BN037801.D
 Acq: 19 Sep 2025 06:25

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:149 Resp: 1817
 Ion Ratio Lower Upper
 149 100
 167 27.0 20.8 31.2
 279 4.9 3.3 4.9



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.739 min Scan# 2840
 Delta R.T. -0.015 min
 Lab File: BN037801.D
 Acq: 19 Sep 2025 06:25

Tgt Ion:264 Resp: 10142
 Ion Ratio Lower Upper
 264 100
 260 27.0 21.8 32.8
 265 81.3 39.4 59.2#

