

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091825\
 Data File : BN037805.D
 Acq On : 19 Sep 2025 08:49
 Operator : RC/JU
 Sample : Q3097-14
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 19 11:08:33 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)

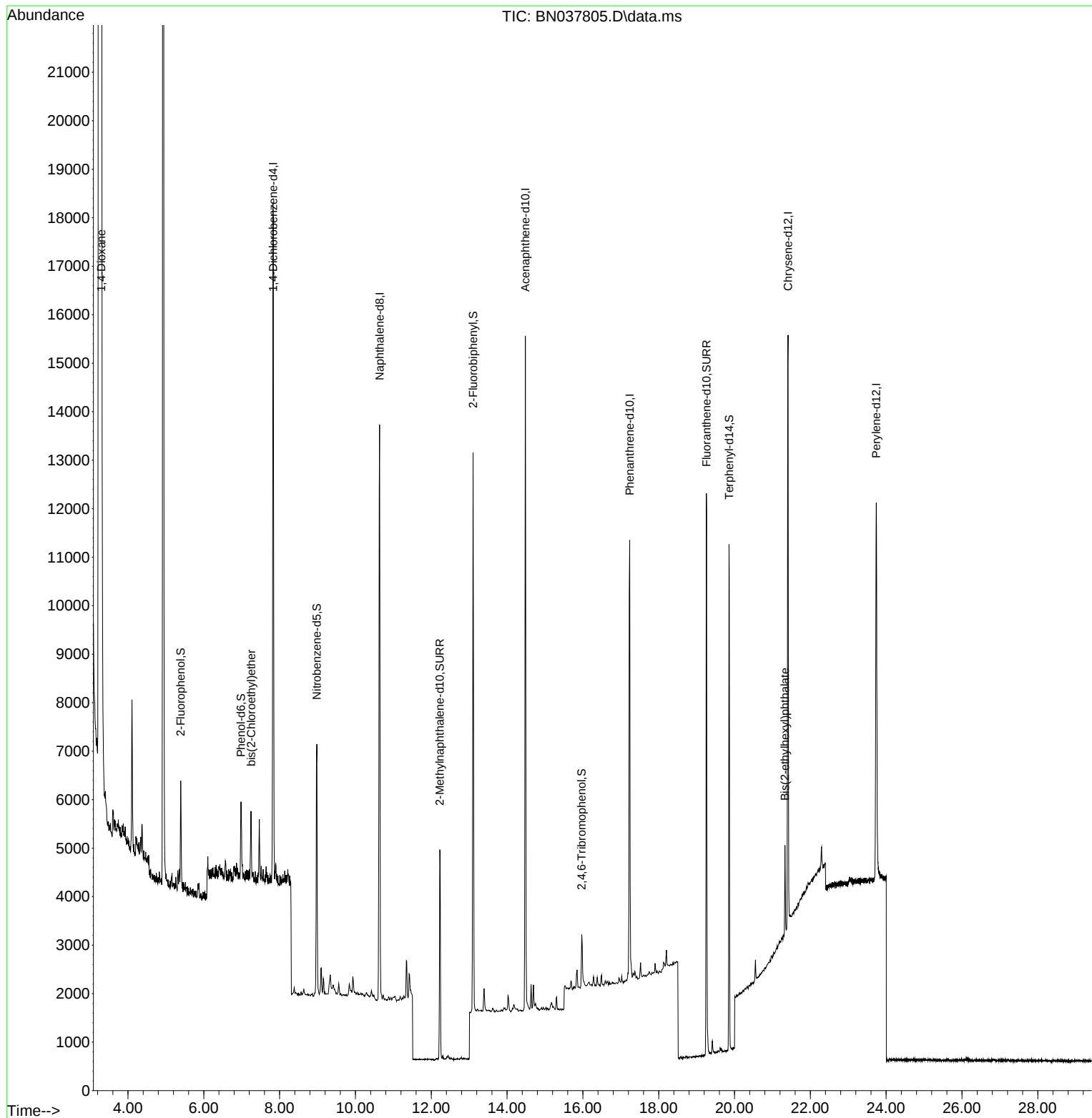
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	6733	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	16370	0.400	ng	-0.01
13) Acenaphthene-d10	14.484	164	7362	0.400	ng	-0.01
19) Phenanthrene-d10	17.235	188	13809	0.400	ng	# 0.00
29) Chrysene-d12	21.411	240	11974	0.400	ng	0.00
35) Perylene-d12	23.739	264	11341	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	1751	0.113	ng	0.00
5) Phenol-d6	6.981	99	1476	0.074	ng	0.00
8) Nitrobenzene-d5	8.982	82	4216	0.352	ng	-0.01
11) 2-Methylnaphthalene-d10	12.228	152	5815	0.268	ng	-0.02
14) 2,4,6-Tribromophenol	15.969	330	737	0.384	ng	-0.01
15) 2-Fluorobiphenyl	13.105	172	9254	0.301	ng	-0.01
27) Fluoranthene-d10	19.262	212	12855	0.371	ng	0.00
31) Terphenyl-d14	19.857	244	9718	0.400	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.297	88	21754	3.102	ng	95
6) bis(2-Chloroethyl)ether	7.248	93	1000	0.056	ng	93
34) Bis(2-ethylhexyl)phtha...	21.331	149	1657	0.134	ng	99

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

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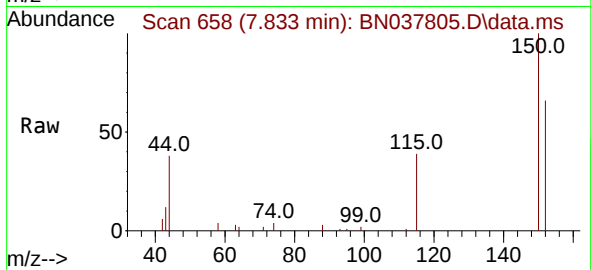
Quant Time: Sep 19 11:08:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration





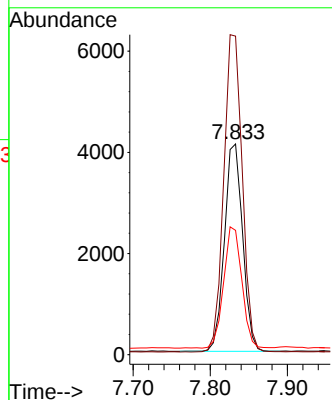
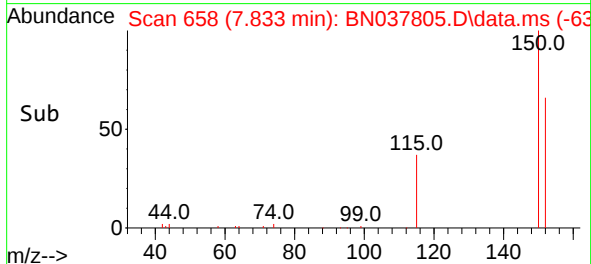
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.833 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037805.D
 Acq: 19 Sep 2025 08:49

Instrument :
 BNA_N
 ClientSampleId :

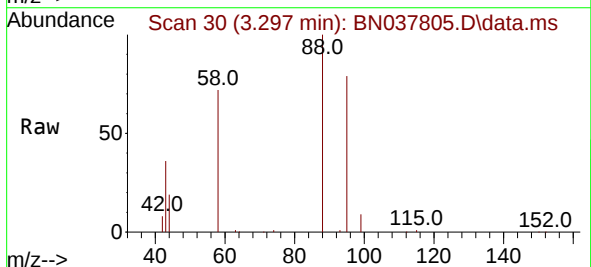


Tgt Ion:152 Resp: 6733

Ion	Ratio	Lower	Upper
152	100		
150	151.2	124.5	186.7
115	59.0	49.2	73.8

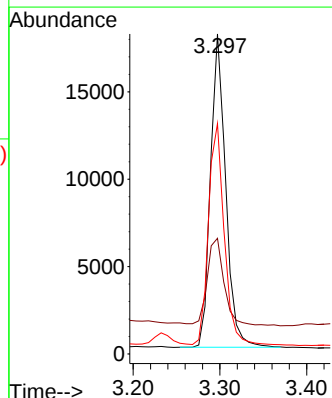
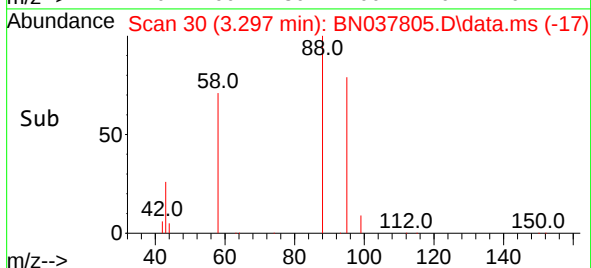


#2
 1,4-Dioxane
 Concen: 3.102 ng
 RT: 3.297 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN037805.D
 Acq: 19 Sep 2025 08:49



Tgt Ion: 88 Resp: 21754

Ion	Ratio	Lower	Upper
88	100		
43	31.4	26.8	40.2
58	73.0	61.9	92.9

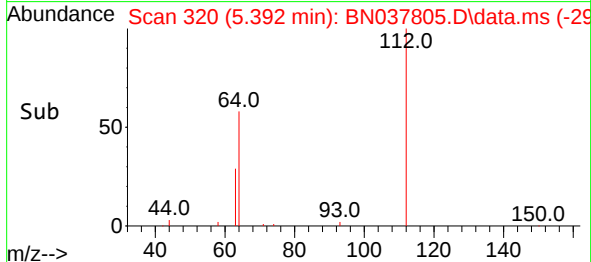
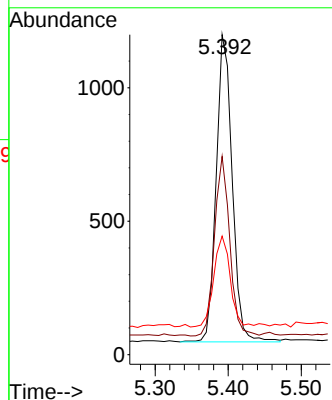
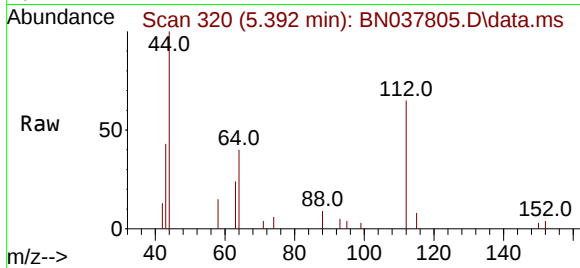




#4
2-Fluorophenol
Concen: 0.113 ng
RT: 5.392 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN037805.D
Acq: 19 Sep 2025 08:49

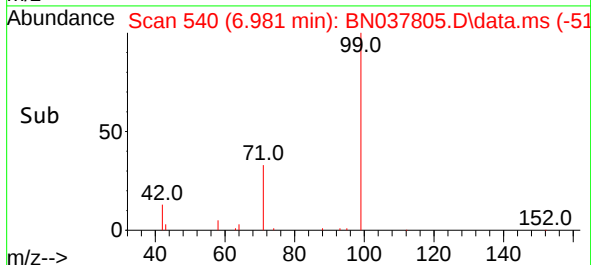
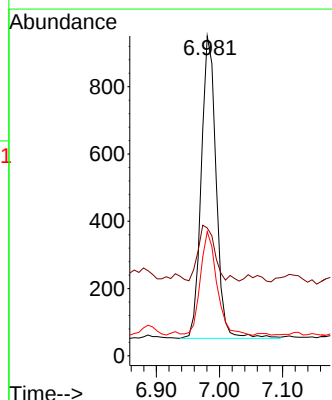
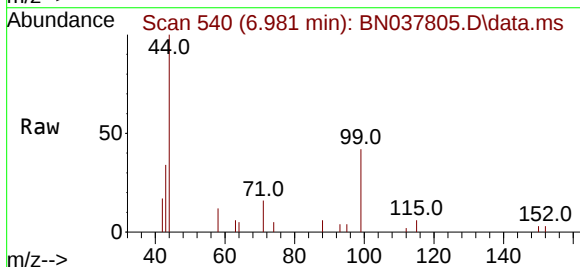
Instrument :
BNA_N
ClientSampleId :

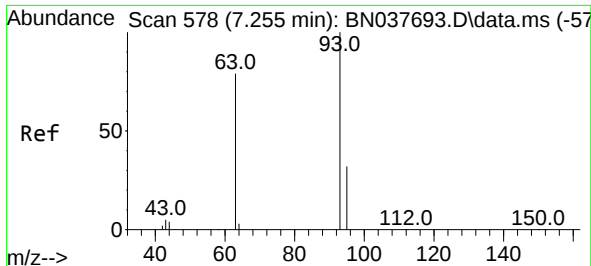
Tgt Ion:112 Resp: 1751
Ion Ratio Lower Upper
112 100
64 55.9 44.9 67.3
63 30.4 24.7 37.1



#5
Phenol-d6
Concen: 0.074 ng
RT: 6.981 min Scan# 540
Delta R.T. -0.007 min
Lab File: BN037805.D
Acq: 19 Sep 2025 08:49

Tgt Ion: 99 Resp: 1476
Ion Ratio Lower Upper
99 100
42 21.0 16.6 24.8
71 37.9 26.7 40.1

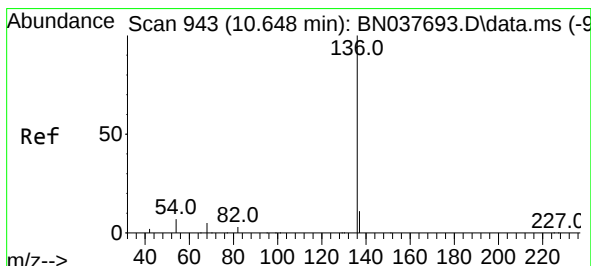
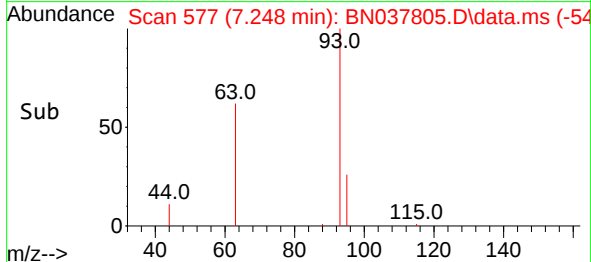
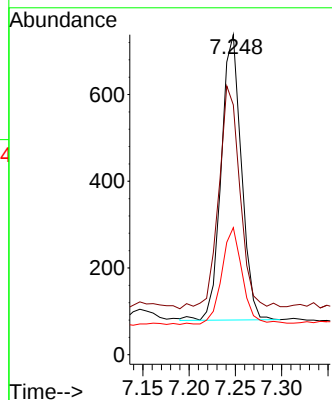
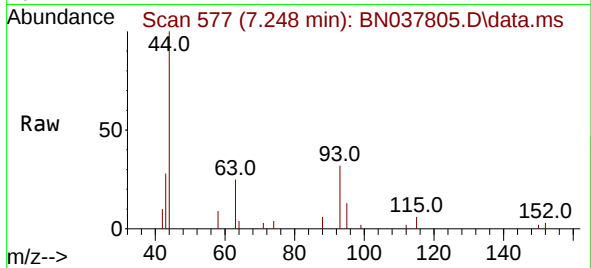




#6
 bis(2-Chloroethyl)ether
 Concen: 0.056 ng
 RT: 7.248 min Scan# 51
 Delta R.T. -0.007 min
 Lab File: BN037805.D
 Acq: 19 Sep 2025 08:49

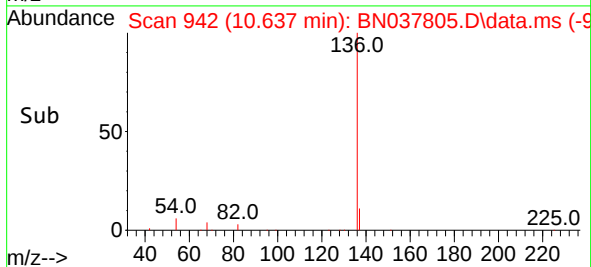
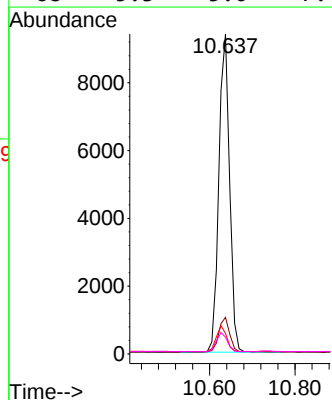
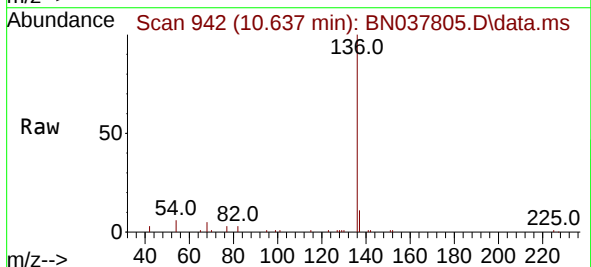
Instrument :
 BNA_N
 ClientSampleId :

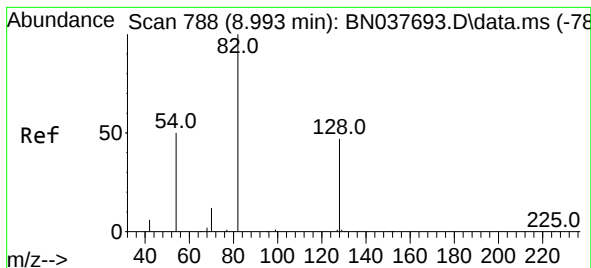
Tgt Ion: 93 Resp: 1000
 Ion Ratio Lower Upper
 93 100
 63 82.8 60.6 90.8
 95 35.4 26.0 39.0



#7
 Naphthalene-d8
 Concen: 0.400 ng
 RT: 10.637 min Scan# 942
 Delta R.T. -0.011 min
 Lab File: BN037805.D
 Acq: 19 Sep 2025 08:49

Tgt Ion: 136 Resp: 16370
 Ion Ratio Lower Upper
 136 100
 137 11.5 9.1 13.7
 54 6.4 6.3 9.5
 68 5.3 5.0 7.4





#8

Nitrobenzene-d5

Concen: 0.352 ng

RT: 8.982 min Scan# 71

Delta R.T. -0.011 min

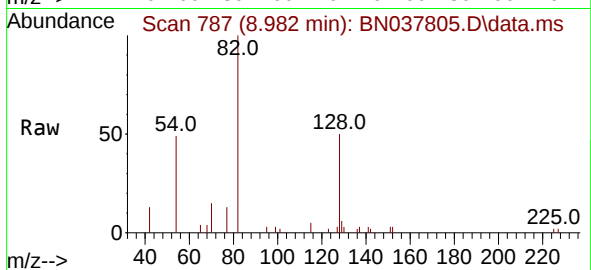
Lab File: BN037805.D

Acq: 19 Sep 2025 08:49

Instrument :

BNA_N

ClientSampleId :



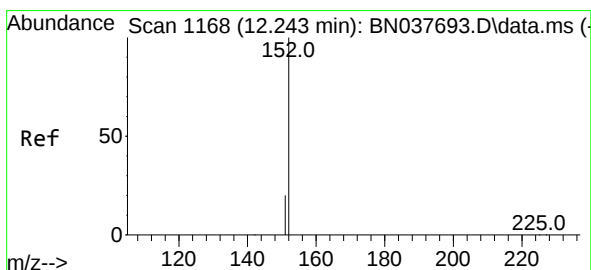
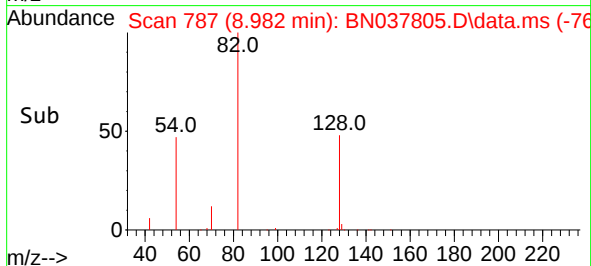
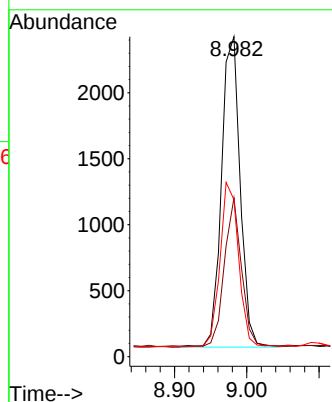
Tgt Ion: 82 Resp: 4216

Ion Ratio Lower Upper

82 100

128 49.6 38.3 57.5

54 49.0 41.4 62.2



#11

2-Methylnaphthalene-d10

Concen: 0.268 ng

RT: 12.228 min Scan# 1165

Delta R.T. -0.015 min

Lab File: BN037805.D

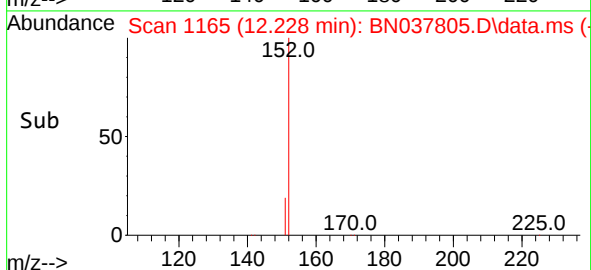
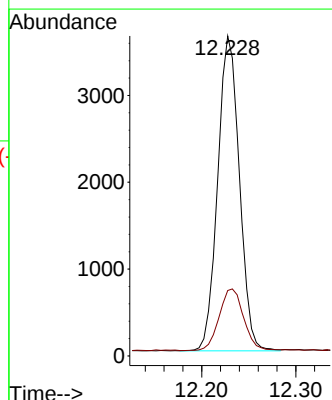
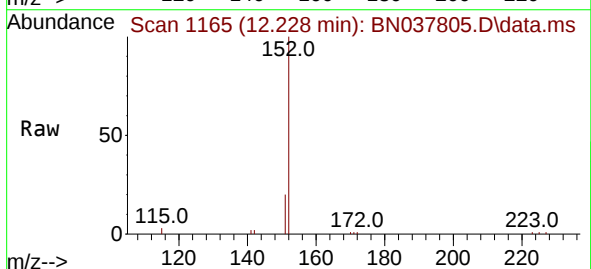
Acq: 19 Sep 2025 08:49

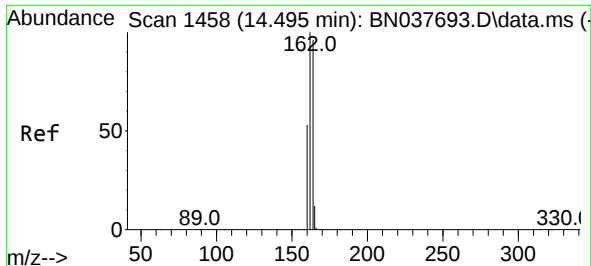
Tgt Ion: 152 Resp: 5815

Ion Ratio Lower Upper

152 100

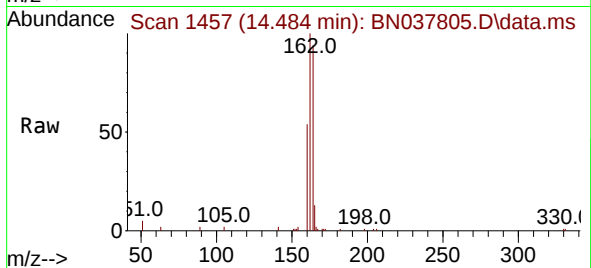
151 21.9 17.0 25.6



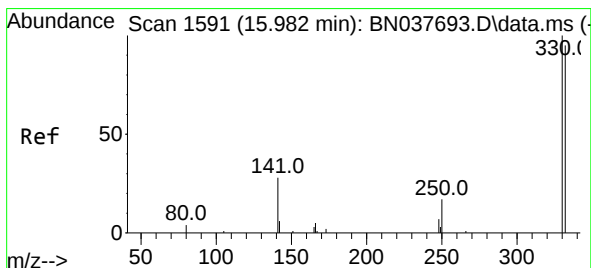
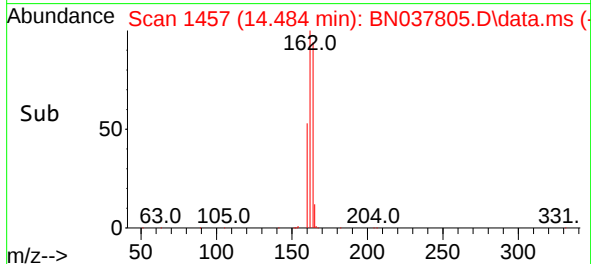
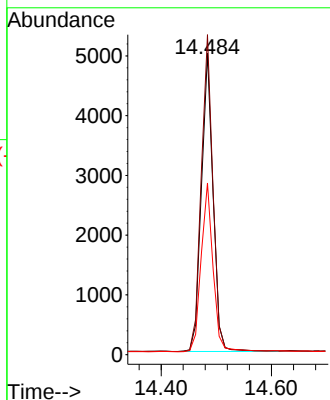


#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.484 min Scan# 1457
 Delta R.T. -0.011 min
 Lab File: BN037805.D
 Acq: 19 Sep 2025 08:49

Instrument :
 BNA_N
 ClientSampleId :

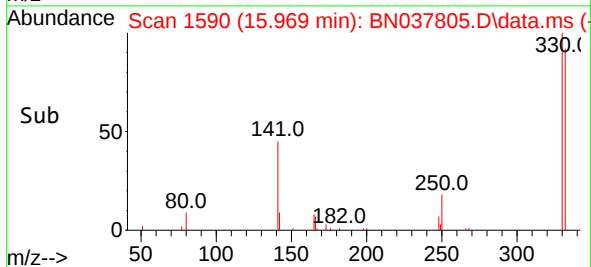
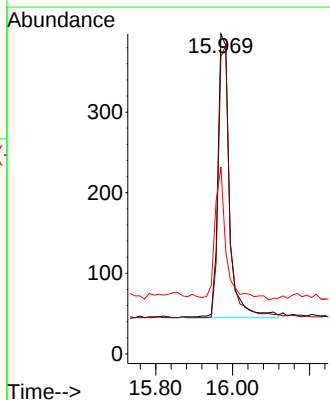
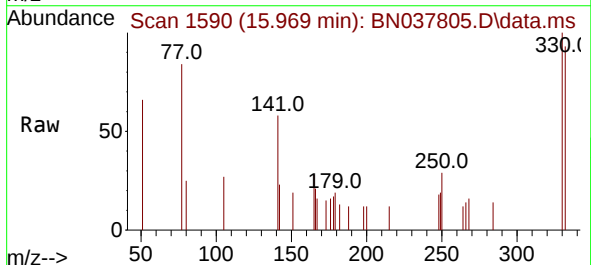


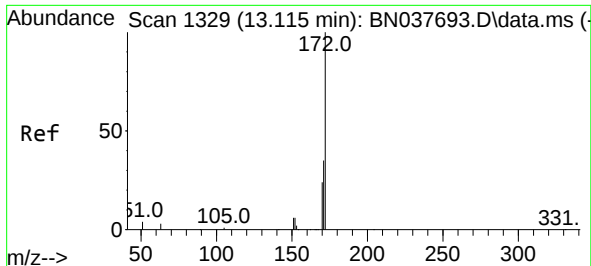
Tgt Ion:164 Resp: 7362
 Ion Ratio Lower Upper
 164 100
 162 106.2 83.1 124.7
 160 57.0 44.3 66.5



#14
 2,4,6-Tribromophenol
 Concen: 0.384 ng
 RT: 15.969 min Scan# 1590
 Delta R.T. -0.013 min
 Lab File: BN037805.D
 Acq: 19 Sep 2025 08:49

Tgt Ion:330 Resp: 737
 Ion Ratio Lower Upper
 330 100
 332 93.5 75.3 112.9
 141 45.2 35.0 52.4

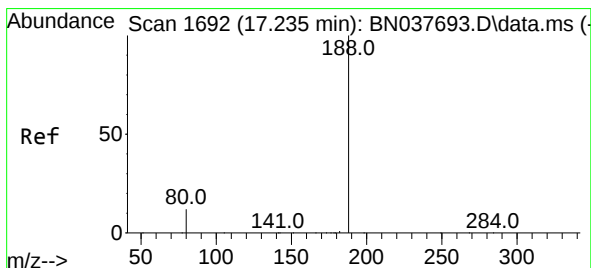
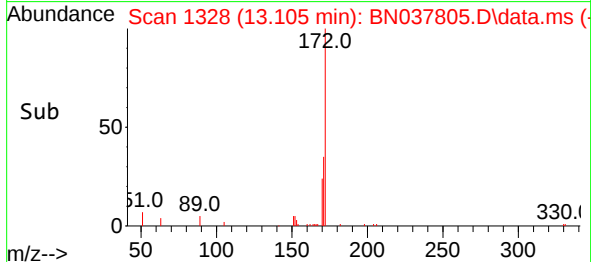
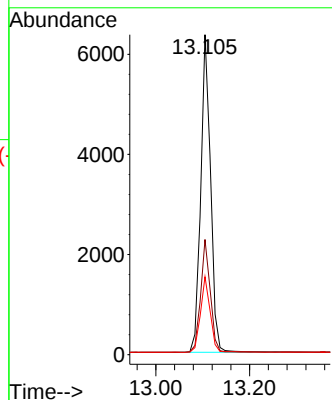
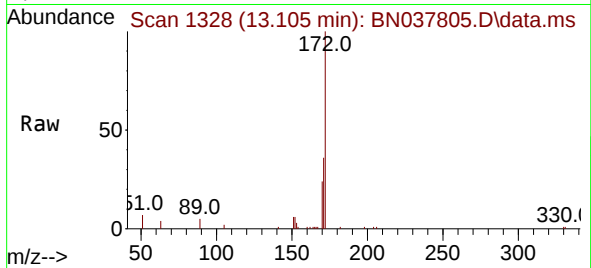




#15
2-Fluorobiphenyl
Concen: 0.301 ng
RT: 13.105 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN037805.D
Acq: 19 Sep 2025 08:49

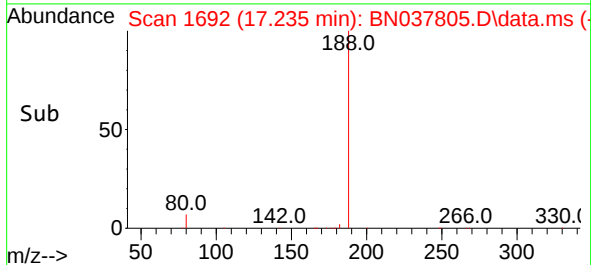
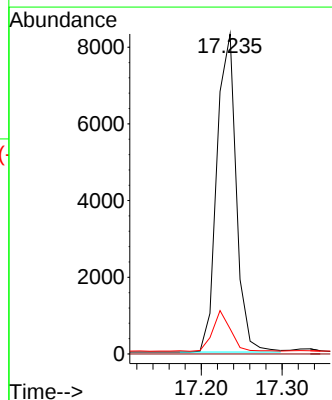
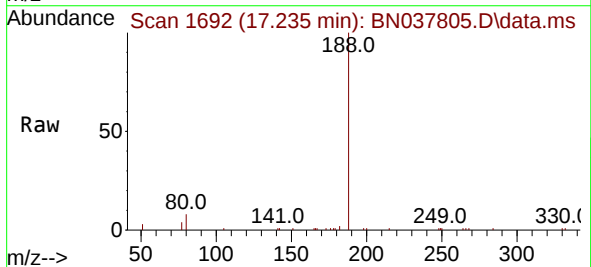
Instrument :
BNA_N
ClientSampleId :

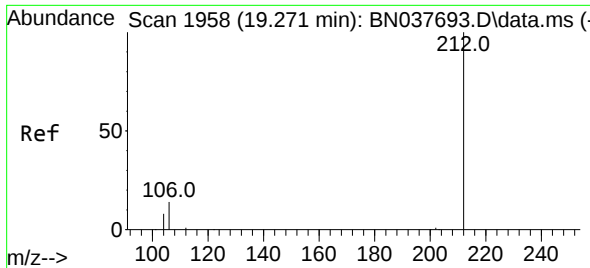
Tgt Ion:172 Resp: 9254
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 24.4 19.8 29.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.235 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BN037805.D
Acq: 19 Sep 2025 08:49

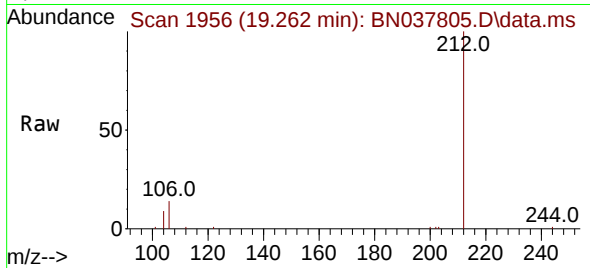
Tgt Ion:188 Resp: 13809
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.8 10.6 15.8#



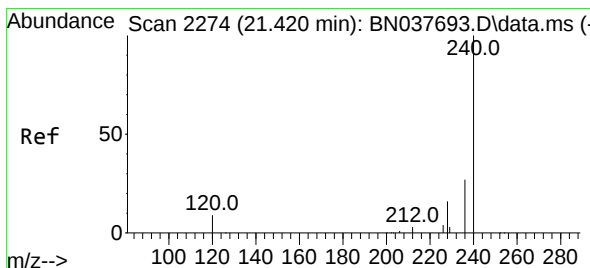
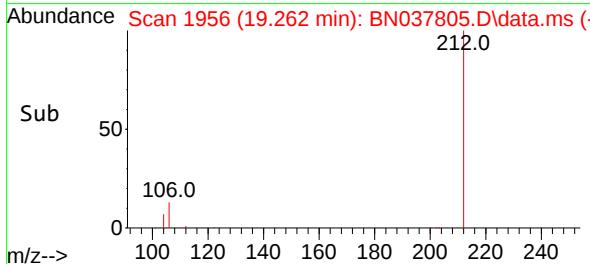
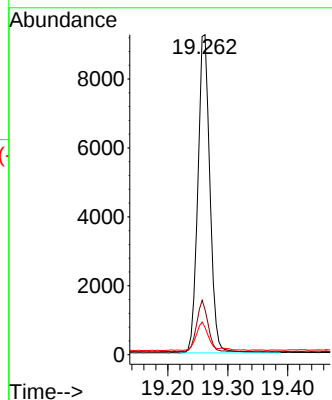


#27
Fluoranthene-d10
Concen: 0.371 ng
RT: 19.262 min Scan# 1956
Delta R.T. -0.009 min
Lab File: BN037805.D
Acq: 19 Sep 2025 08:49

Instrument :
BNA_N
ClientSampleId :

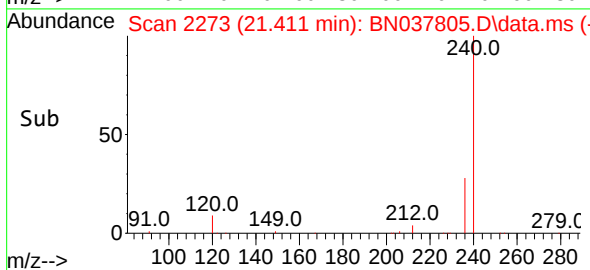
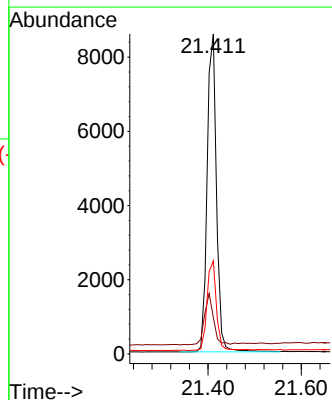
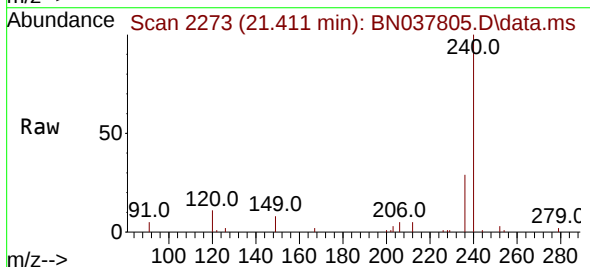


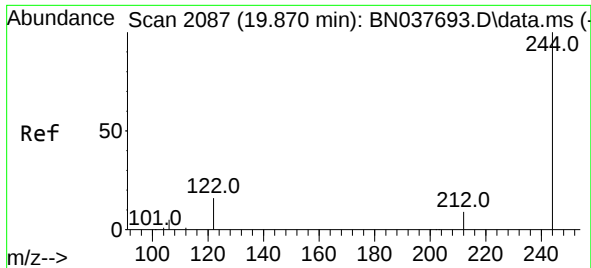
Tgt Ion:212 Resp: 12855
Ion Ratio Lower Upper
212 100
106 15.2 12.2 18.2
104 8.6 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.411 min Scan# 2273
Delta R.T. -0.009 min
Lab File: BN037805.D
Acq: 19 Sep 2025 08:49

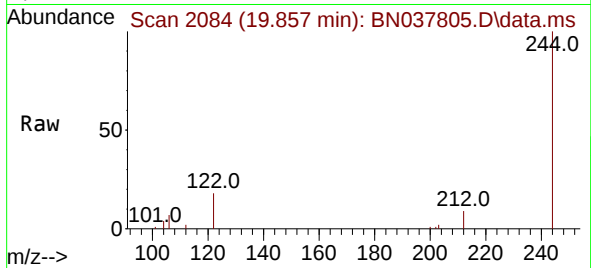
Tgt Ion:240 Resp: 11974
Ion Ratio Lower Upper
240 100
120 11.4 9.2 13.8
236 29.0 22.6 33.8



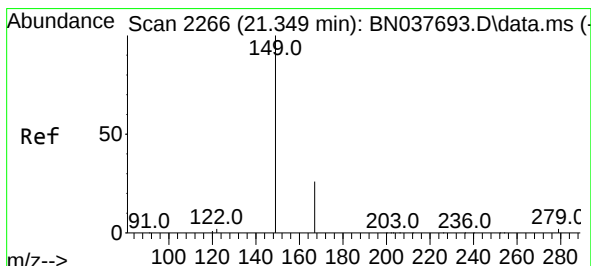
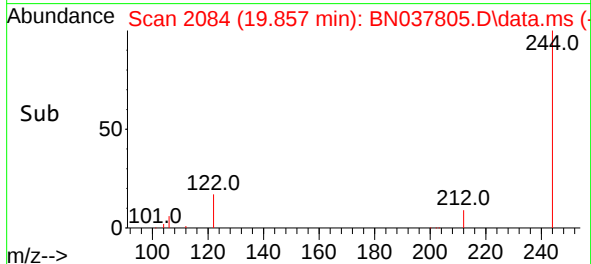
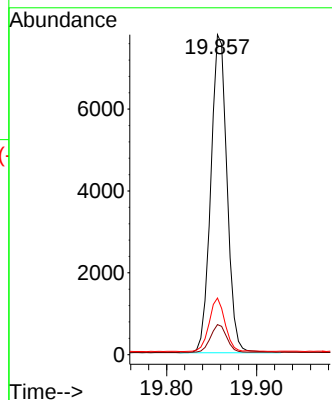


#31
 Terphenyl-d14
 Concen: 0.400 ng
 RT: 19.857 min Scan# 2084
 Delta R.T. -0.014 min
 Lab File: BN037805.D
 Acq: 19 Sep 2025 08:49

Instrument :
 BNA_N
 ClientSampleId :

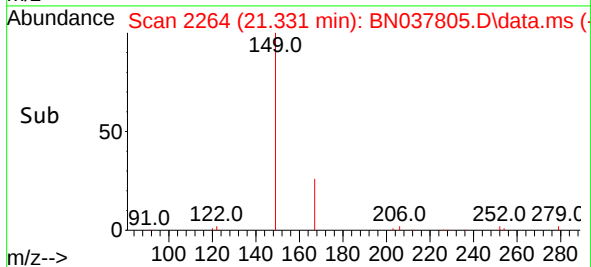
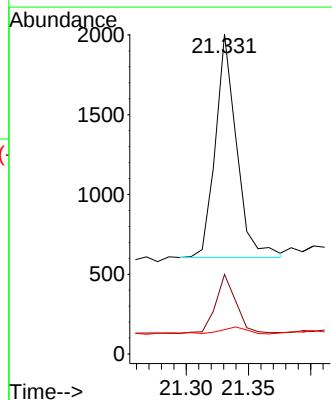
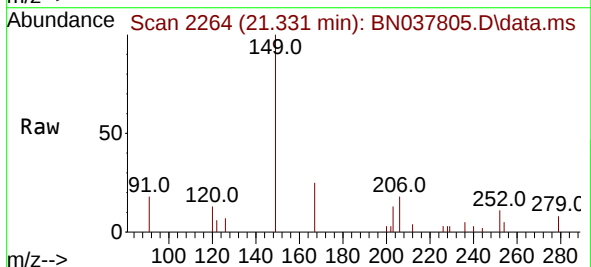


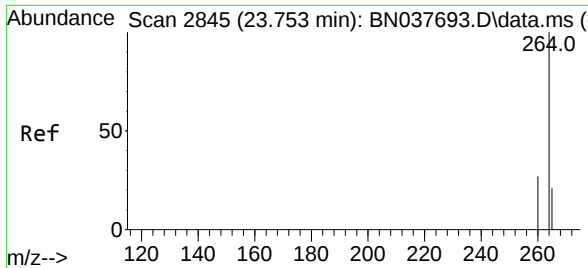
Tgt Ion:244 Resp: 9718
 Ion Ratio Lower Upper
 244 100
 212 9.4 7.5 11.3
 122 17.7 13.2 19.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.134 ng
 RT: 21.331 min Scan# 2264
 Delta R.T. -0.018 min
 Lab File: BN037805.D
 Acq: 19 Sep 2025 08:49

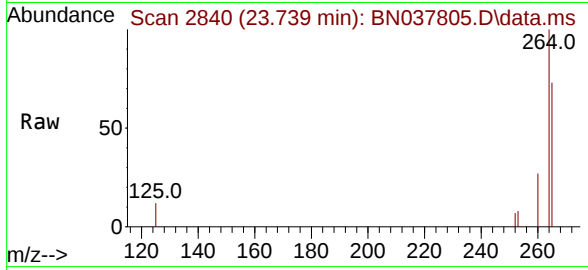
Tgt Ion:149 Resp: 1657
 Ion Ratio Lower Upper
 149 100
 167 25.5 20.8 31.2
 279 3.6 3.3 4.9





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.739 min Scan# 21
 Delta R.T. -0.015 min
 Lab File: BN037805.D
 Acq: 19 Sep 2025 08:49

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:264 Resp: 11341

Ion	Ratio	Lower	Upper
264	100		
260	26.9	21.8	32.8
265	72.8	39.4	59.2

