

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091925\
 Data File : BN037839.D
 Acq On : 20 Sep 2025 06:50
 Operator : RC/JU
 Sample : Q3127-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 22 00:36:05 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)

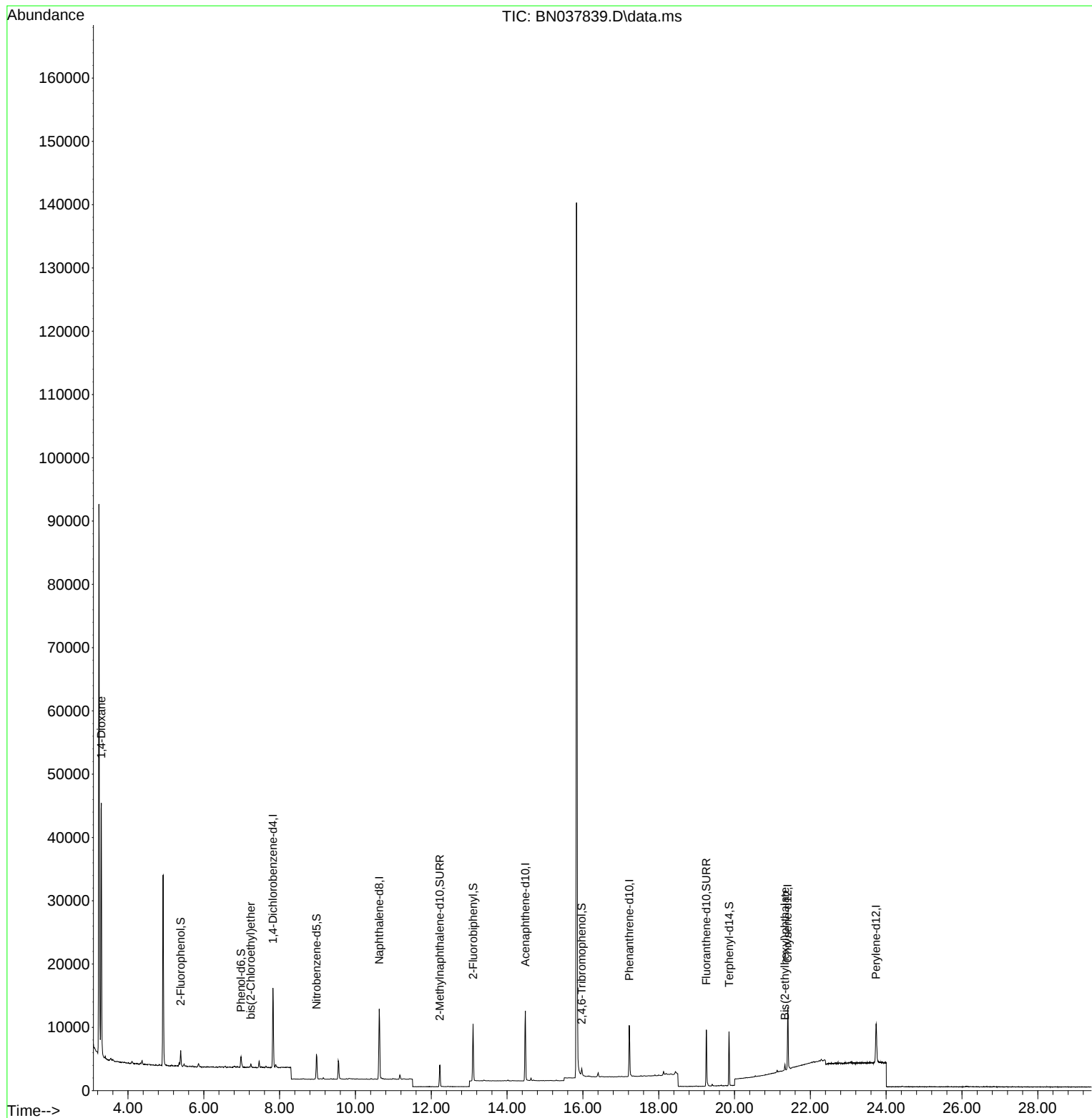
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.826	152	5800	0.400	ng	-0.01
7) Naphthalene-d8	10.626	136	15024	0.400	ng	-0.02
13) Acenaphthene-d10	14.484	164	6297	0.400	ng	-0.01
19) Phenanthrene-d10	17.223	188	11149	0.400	ng	-0.01
29) Chrysene-d12	21.402	240	9464	0.400	ng	#-0.02
35) Perylene-d12	23.736	264	8977	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	1900	0.143	ng	0.00
5) Phenol-d6	6.981	99	1528	0.089	ng	0.00
8) Nitrobenzene-d5	8.971	82	3242	0.295	ng	-0.02
11) 2-Methylnaphthalene-d10	12.223	152	4618	0.232	ng	-0.02
14) 2,4,6-Tribromophenol	15.969	330	651	0.396	ng	-0.01
15) 2-Fluorobiphenyl	13.105	172	7498	0.285	ng	-0.01
27) Fluoranthene-d10	19.257	212	9814	0.351	ng	-0.01
31) Terphenyl-d14	19.857	244	7680	0.400	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.297	88	24414	4.041	ng	97
6) bis(2-Chloroethyl)ether	7.241	93	390	0.025	ng	99
34) Bis(2-ethylhexyl)phtha...	21.331	149	919	0.094	ng	94

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

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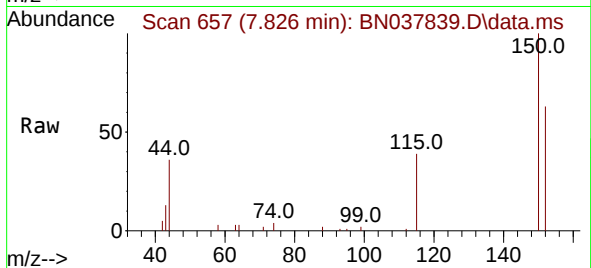
Quant Time: Sep 22 00:36:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



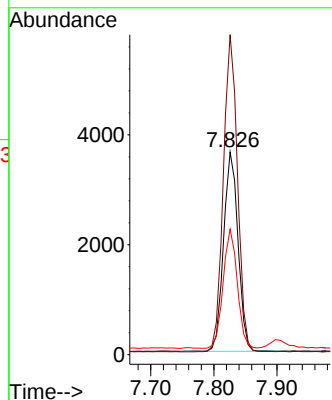
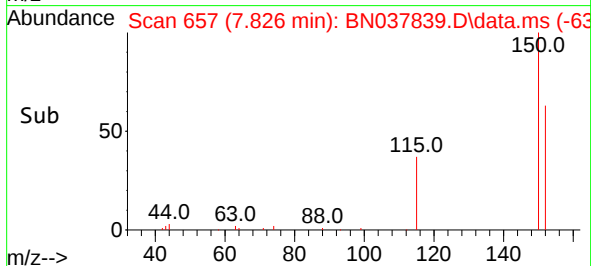


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.826 min Scan# 61
 Delta R.T. -0.014 min
 Lab File: BN037839.D
 Acq: 20 Sep 2025 06:50

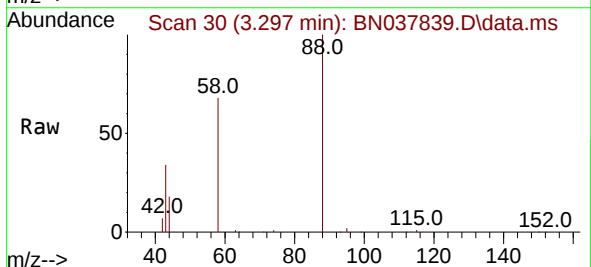
Instrument :
 BNA_N
 ClientSampleId :



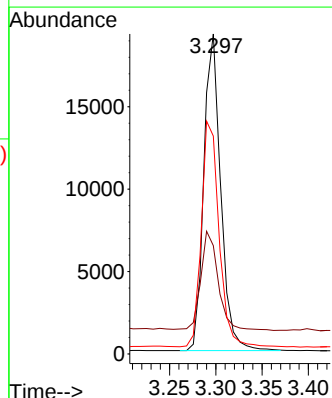
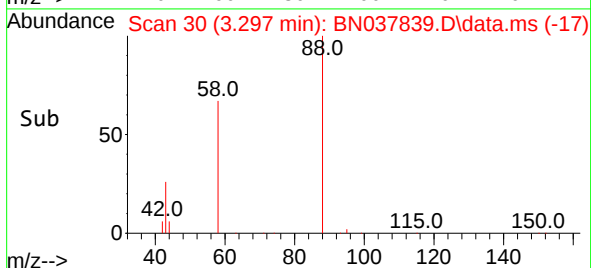
Tgt Ion:152 Resp: 5800
 Ion Ratio Lower Upper
 152 100
 150 158.0 124.5 186.7
 115 62.0 49.2 73.8



#2
 1,4-Dioxane
 Concen: 4.041 ng
 RT: 3.297 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN037839.D
 Acq: 20 Sep 2025 06:50



Tgt Ion: 88 Resp: 24414
 Ion Ratio Lower Upper
 88 100
 43 32.4 26.8 40.2
 58 74.3 61.9 92.9

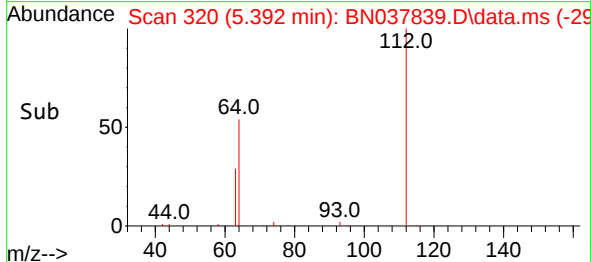
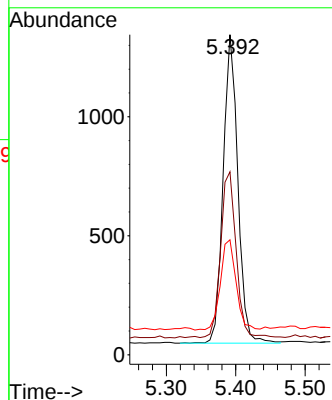
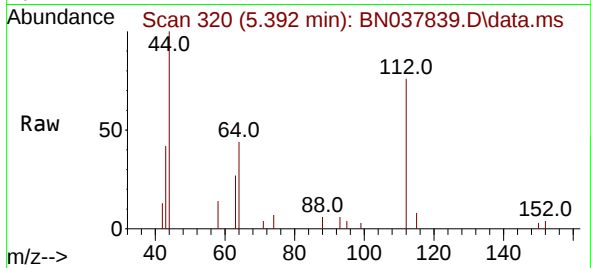




#4
2-Fluorophenol
Concen: 0.143 ng
RT: 5.392 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN037839.D
Acq: 20 Sep 2025 06:50

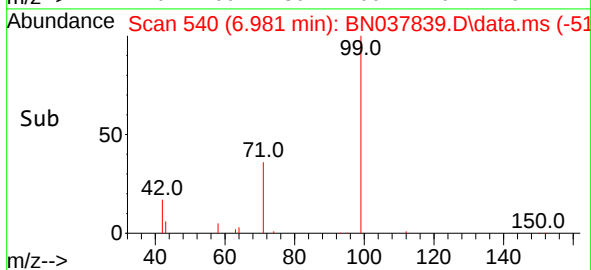
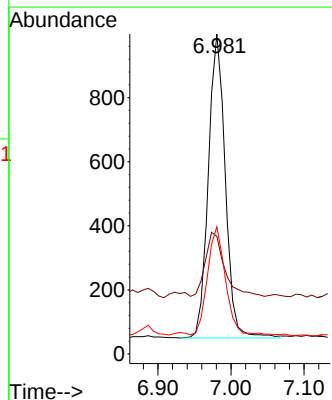
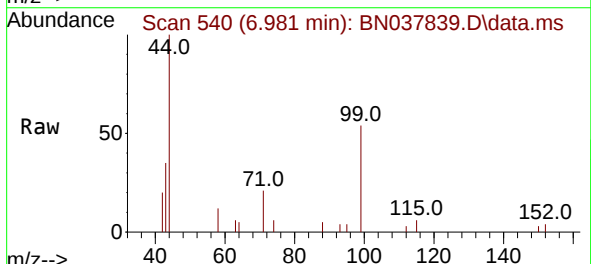
Instrument :
BNA_N
ClientSampleId :

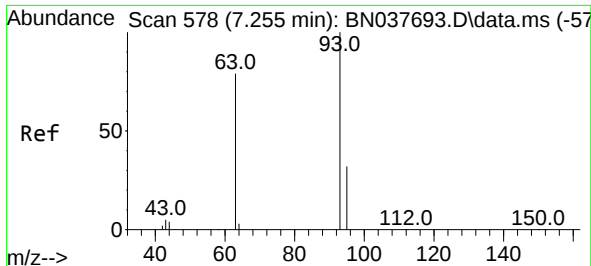
Tgt Ion:112 Resp: 1900
Ion Ratio Lower Upper
112 100
64 57.9 44.9 67.3
63 31.6 24.7 37.1



#5
Phenol-d6
Concen: 0.089 ng
RT: 6.981 min Scan# 540
Delta R.T. -0.007 min
Lab File: BN037839.D
Acq: 20 Sep 2025 06:50

Tgt Ion: 99 Resp: 1528
Ion Ratio Lower Upper
99 100
42 23.7 16.6 24.8
71 38.3 26.7 40.1

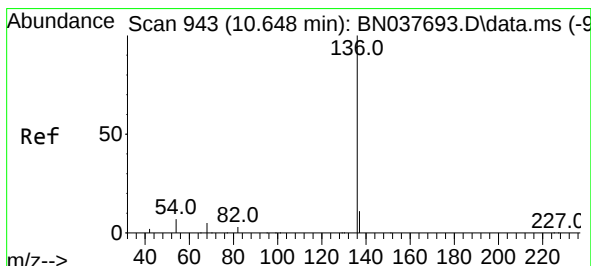
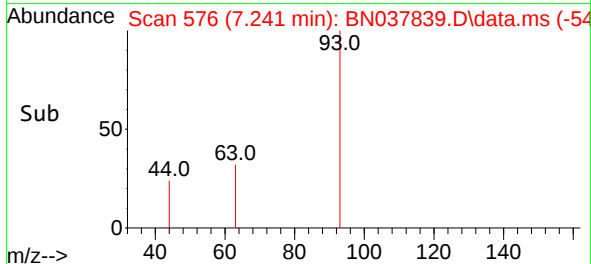
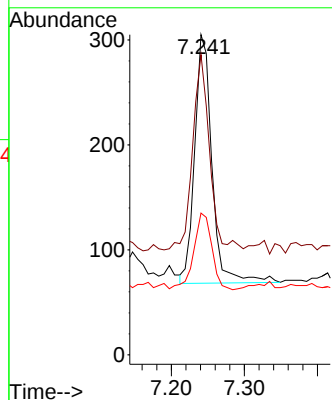
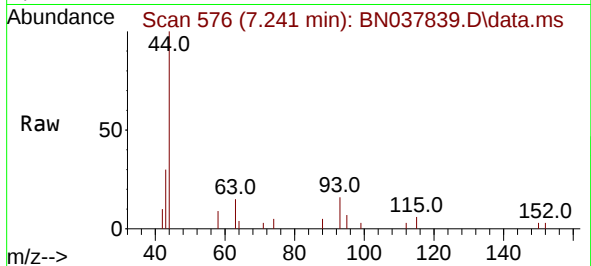




#6
bis(2-Chloroethyl)ether
Concen: 0.025 ng
RT: 7.241 min Scan# 51
Delta R.T. -0.014 min
Lab File: BN037839.D
Acq: 20 Sep 2025 06:50

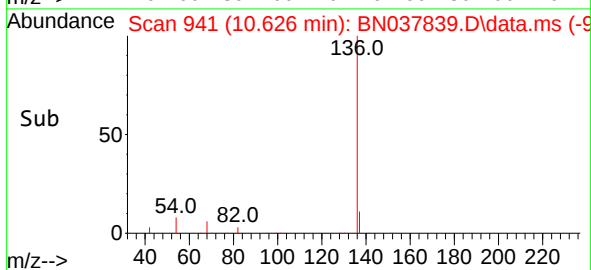
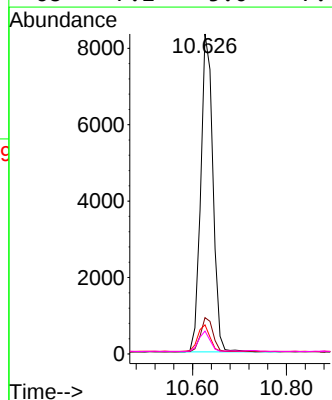
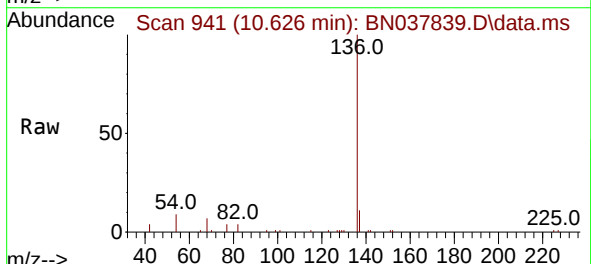
Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 93 Resp: 390
Ion Ratio Lower Upper
93 100
63 74.1 60.6 90.8
95 32.3 26.0 39.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 941
Delta R.T. -0.021 min
Lab File: BN037839.D
Acq: 20 Sep 2025 06:50

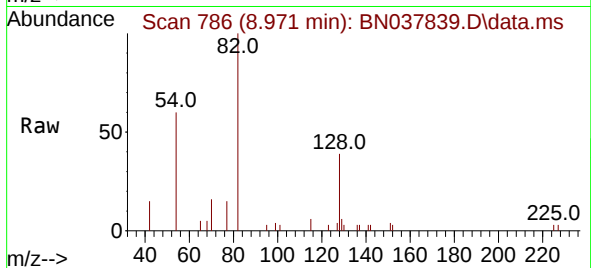
Tgt Ion: 136 Resp: 15024
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 9.1 6.3 9.5
68 7.2 5.0 7.4



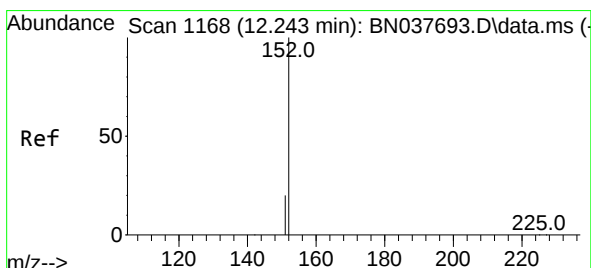
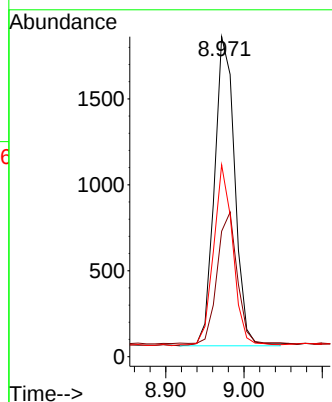
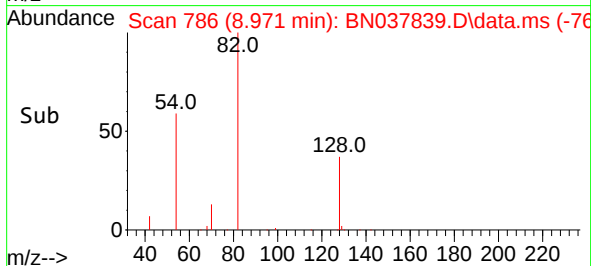


#8
Nitrobenzene-d5
Concen: 0.295 ng
RT: 8.971 min Scan# 71
Delta R.T. -0.021 min
Lab File: BN037839.D
Acq: 20 Sep 2025 06:50

Instrument :
BNA_N
ClientSampleId :

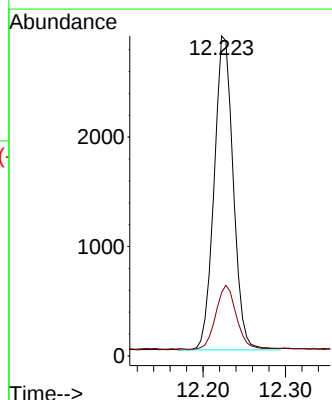
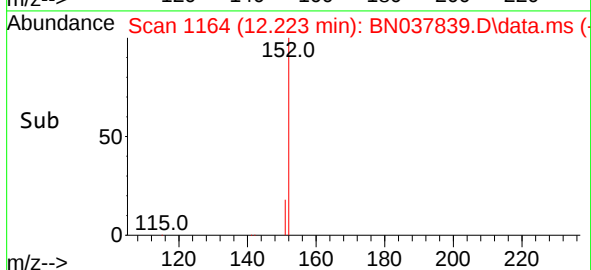
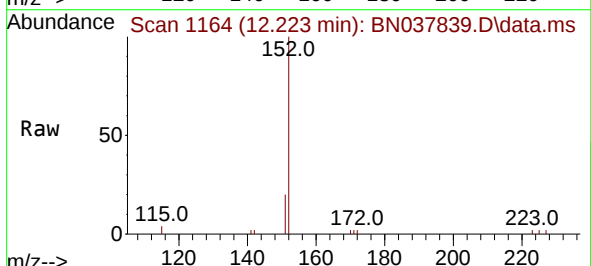


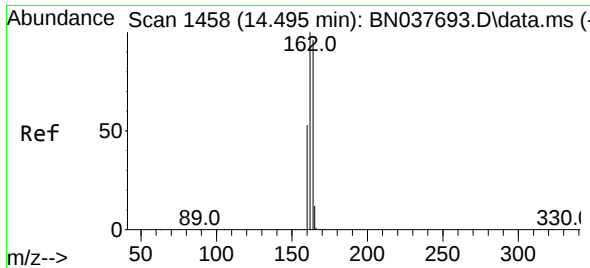
Tgt Ion: 82 Resp: 3242
Ion Ratio Lower Upper
82 100
128 39.2 38.3 57.5
54 59.9 41.4 62.2



#11
2-Methylnaphthalene-d10
Concen: 0.232 ng
RT: 12.223 min Scan# 1164
Delta R.T. -0.020 min
Lab File: BN037839.D
Acq: 20 Sep 2025 06:50

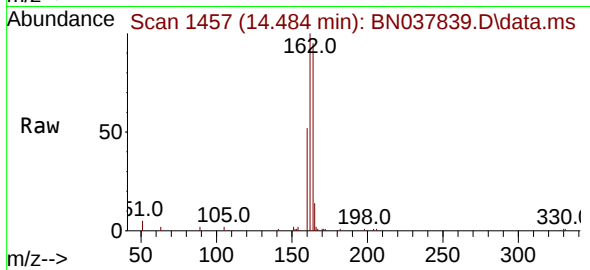
Tgt Ion: 152 Resp: 4618
Ion Ratio Lower Upper
152 100
151 21.8 17.0 25.6



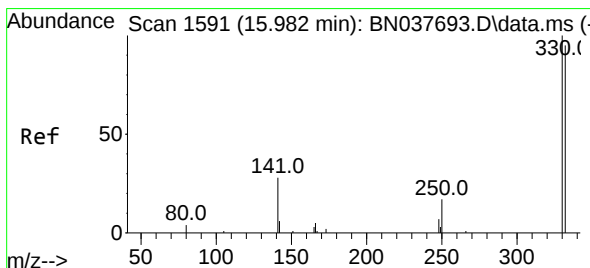
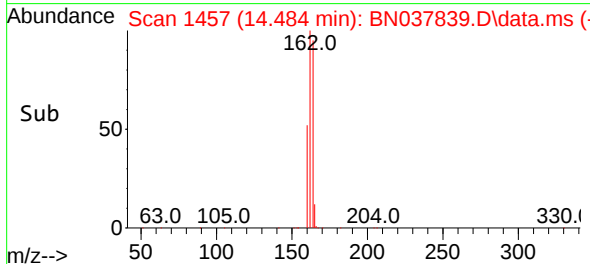
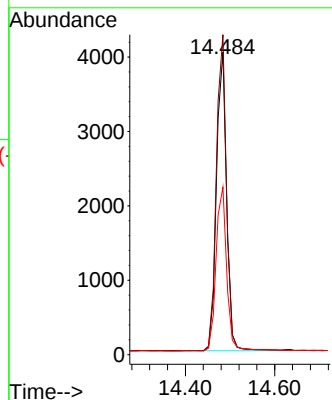


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1457
Delta R.T. -0.011 min
Lab File: BN037839.D
Acq: 20 Sep 2025 06:50

Instrument :
BNA_N
ClientSampleId :

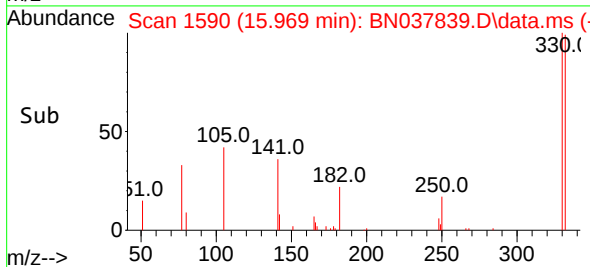
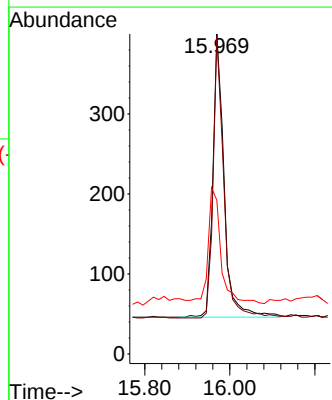
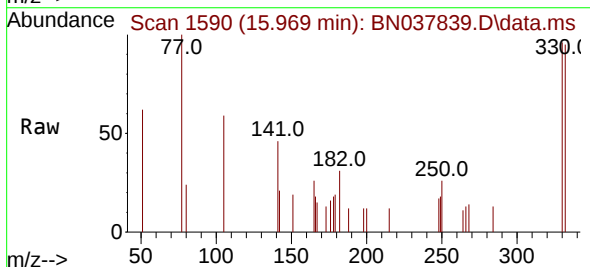


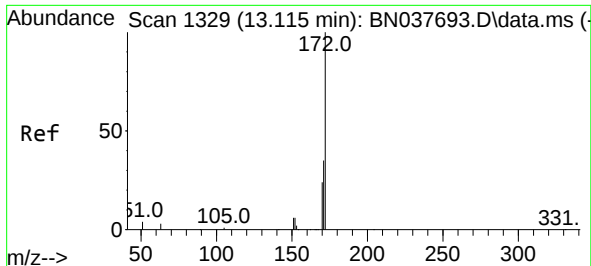
Tgt Ion:164 Resp: 6297
Ion Ratio Lower Upper
164 100
162 105.7 83.1 124.7
160 55.3 44.3 66.5



#14
2,4,6-Tribromophenol
Concen: 0.396 ng
RT: 15.969 min Scan# 1590
Delta R.T. -0.013 min
Lab File: BN037839.D
Acq: 20 Sep 2025 06:50

Tgt Ion:330 Resp: 651
Ion Ratio Lower Upper
330 100
332 94.0 75.3 112.9
141 46.9 35.0 52.4

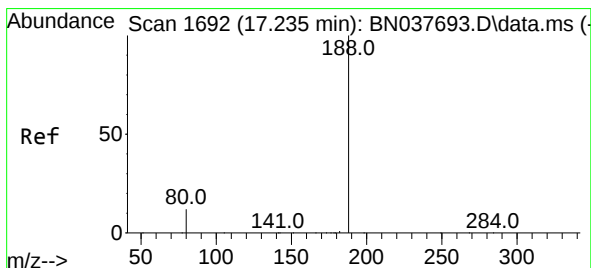
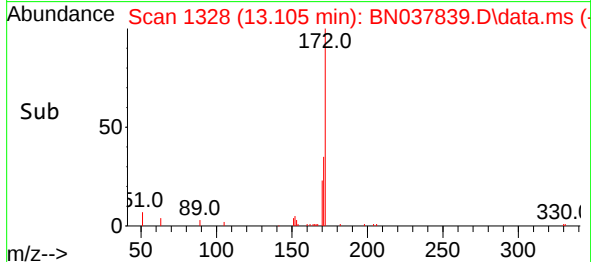
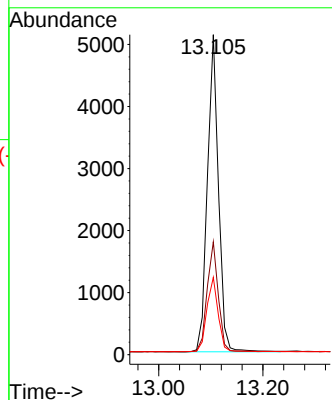
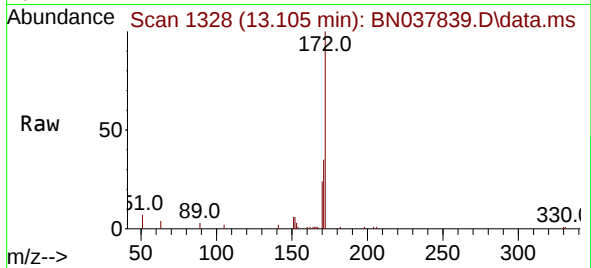




#15
2-Fluorobiphenyl
Concen: 0.285 ng
RT: 13.105 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN037839.D
Acq: 20 Sep 2025 06:50

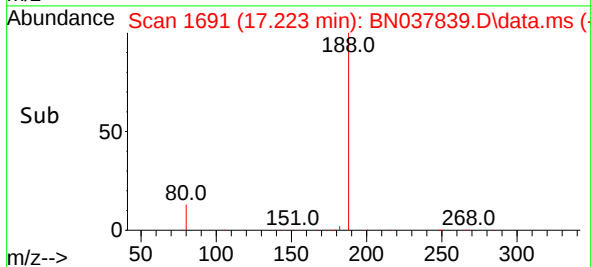
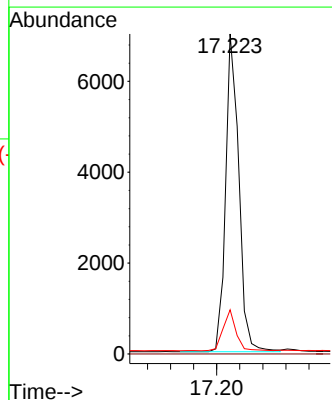
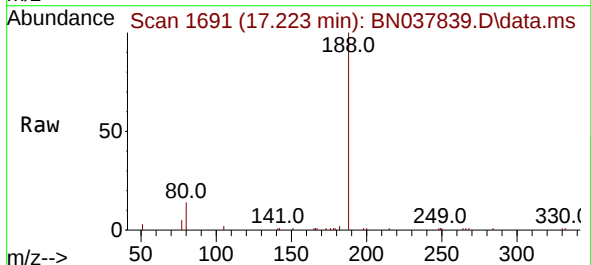
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BNA_N
ClientSampleId :

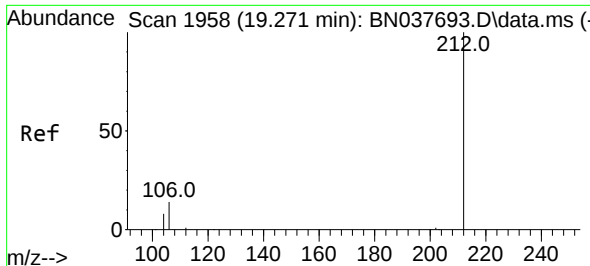
Tgt Ion:172 Resp: 7498
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 24.2 19.8 29.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 1691
Delta R.T. -0.012 min
Lab File: BN037839.D
Acq: 20 Sep 2025 06:50

Tgt Ion:188 Resp: 11149
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.8 10.6 15.8

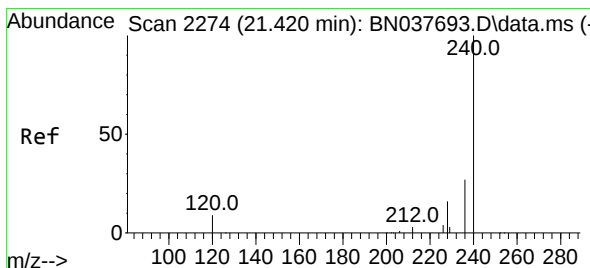
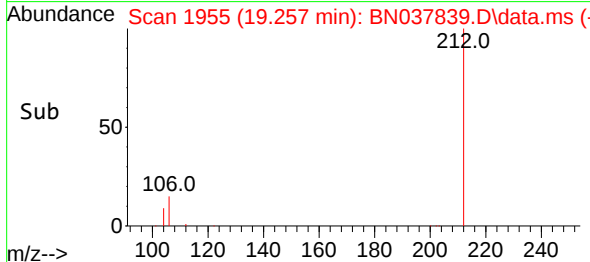
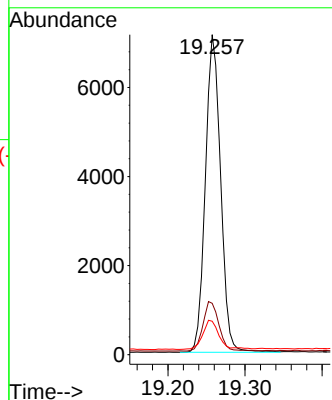
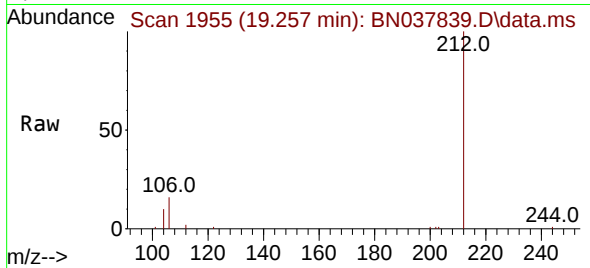




#27
Fluoranthene-d10
Concen: 0.351 ng
RT: 19.257 min Scan# 1955
Delta R.T. -0.014 min
Lab File: BN037839.D
Acq: 20 Sep 2025 06:50

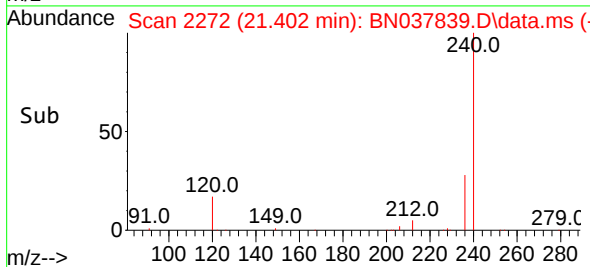
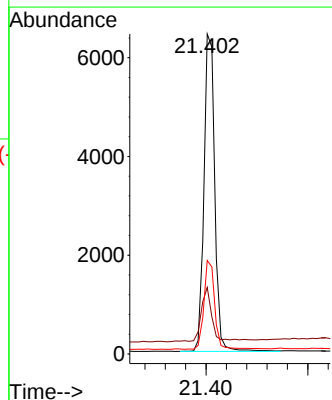
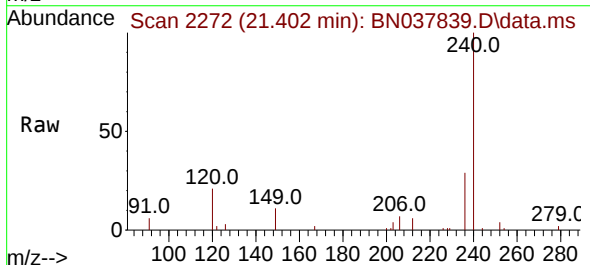
Instrument :
BNA_N
ClientSampleId :

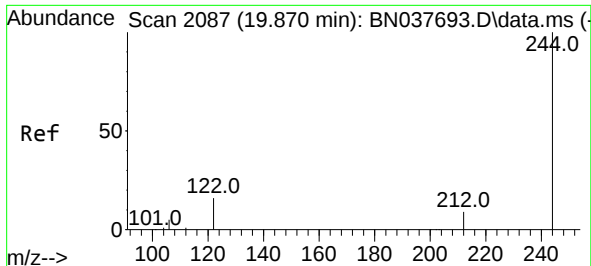
Tgt Ion:212 Resp: 9814
Ion Ratio Lower Upper
212 100
106 16.3 12.2 18.2
104 9.7 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.402 min Scan# 2272
Delta R.T. -0.018 min
Lab File: BN037839.D
Acq: 20 Sep 2025 06:50

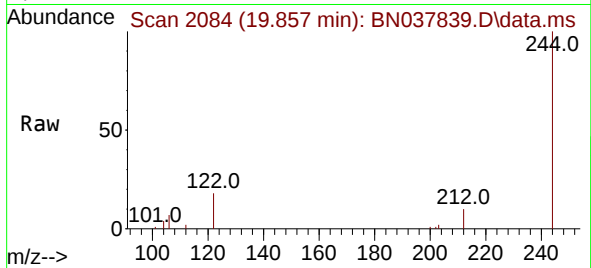
Tgt Ion:240 Resp: 9464
Ion Ratio Lower Upper
240 100
120 20.8 9.2 13.8#
236 29.2 22.6 33.8



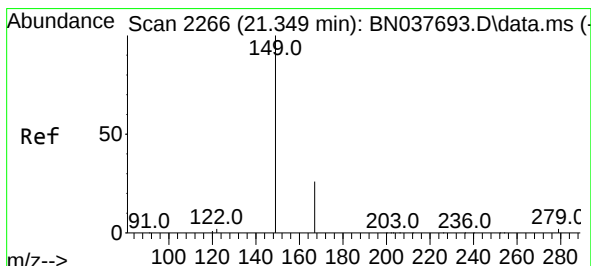
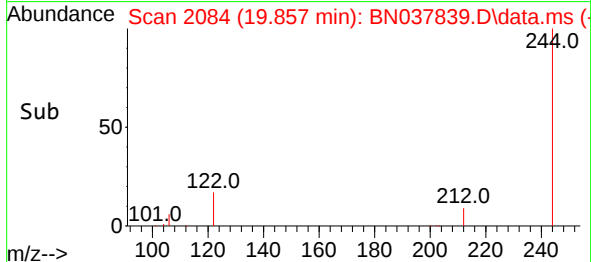
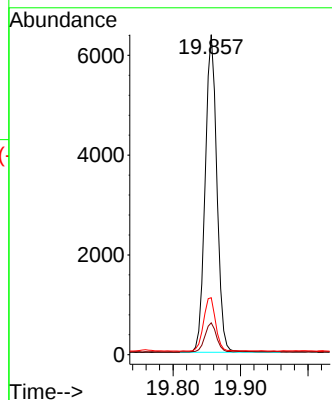


#31
 Terphenyl-d14
 Concen: 0.400 ng
 RT: 19.857 min Scan# 2084
 Delta R.T. -0.014 min
 Lab File: BN037839.D
 Acq: 20 Sep 2025 06:50

Instrument :
 BNA_N
 ClientSampleId :

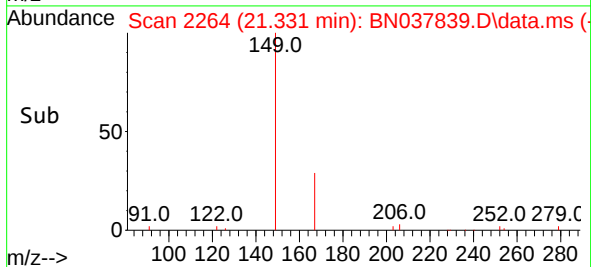
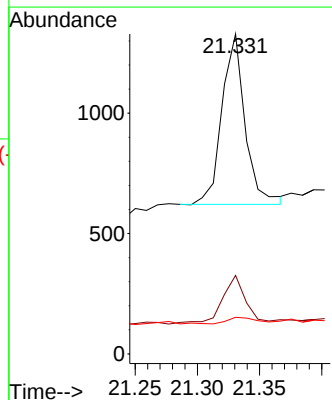
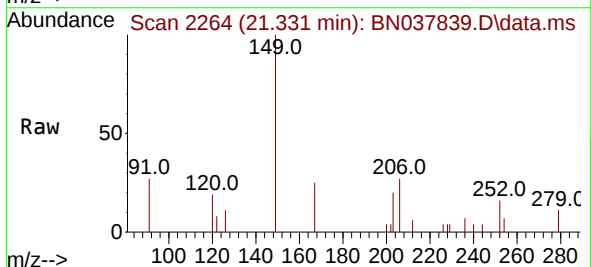


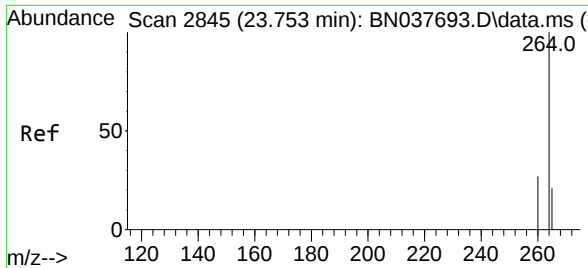
Tgt Ion:244 Resp: 7680
 Ion Ratio Lower Upper
 244 100
 212 10.0 7.5 11.3
 122 17.8 13.2 19.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.094 ng
 RT: 21.331 min Scan# 2264
 Delta R.T. -0.018 min
 Lab File: BN037839.D
 Acq: 20 Sep 2025 06:50

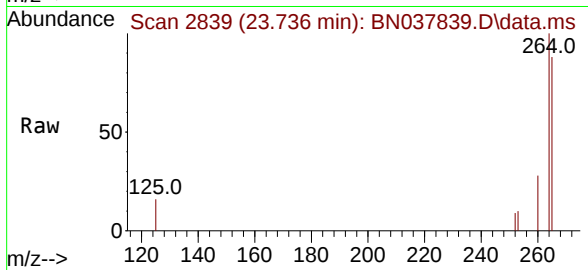
Tgt Ion:149 Resp: 919
 Ion Ratio Lower Upper
 149 100
 167 29.2 20.8 31.2
 279 4.5 3.3 4.9





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.736 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BN037839.D
 Acq: 20 Sep 2025 06:50

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:264 Resp: 8977

Ion	Ratio	Lower	Upper
264	100		
260	27.5	21.8	32.8
265	88.2	39.4	59.2#

