

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091825\
 Data File : BN037807.D
 Acq On : 19 Sep 2025 10:02
 Operator : RC/JU
 Sample : Q3097-19
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 19 11:09:44 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)

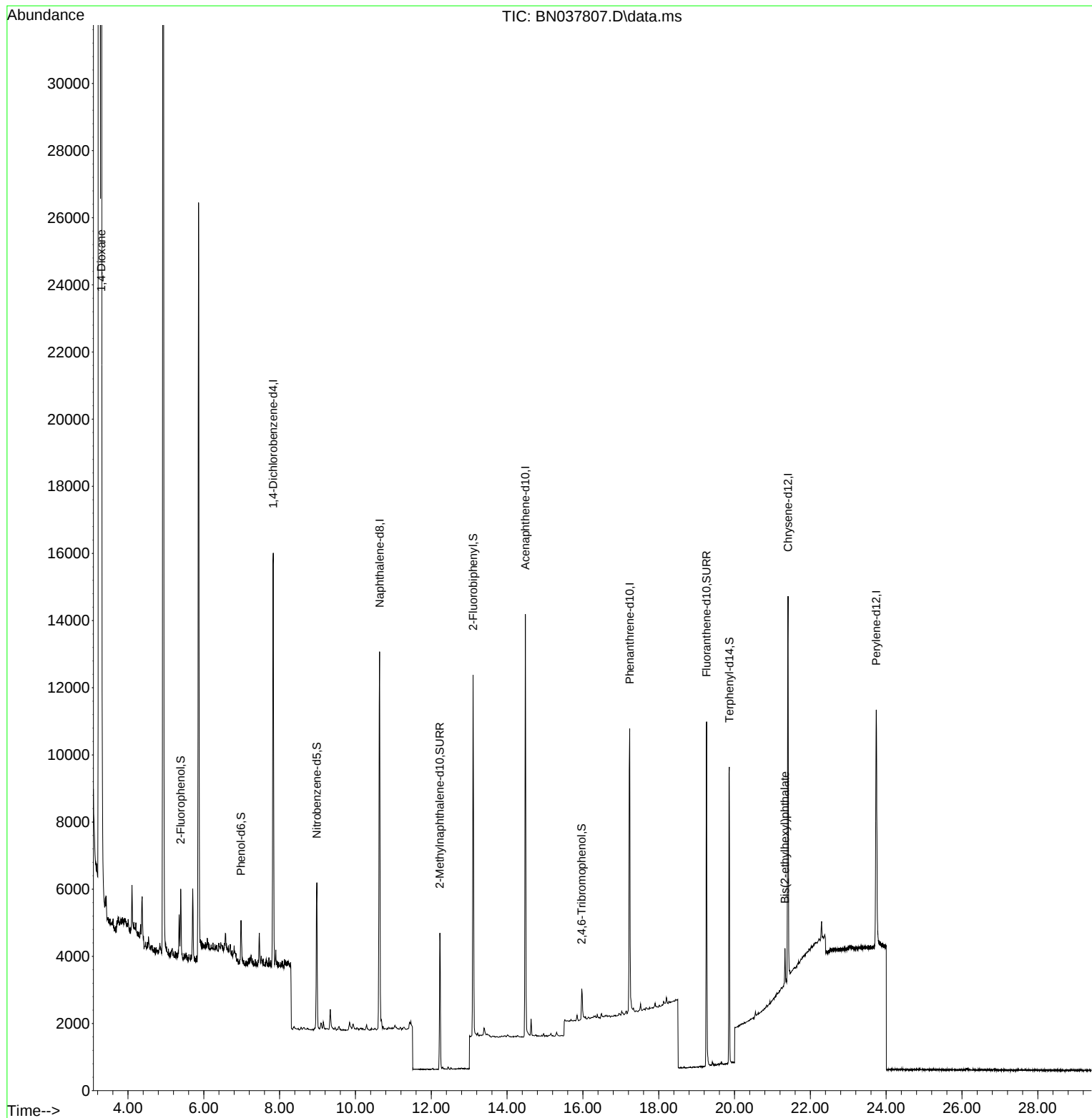
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	5776	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	15322	0.400	ng	-0.01
13) Acenaphthene-d10	14.484	164	6856	0.400	ng	-0.01
19) Phenanthrene-d10	17.235	188	12918	0.400	ng	# 0.00
29) Chrysene-d12	21.411	240	11066	0.400	ng	0.00
35) Perylene-d12	23.738	264	10367	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	1604	0.121	ng	0.00
5) Phenol-d6	6.980	99	1181	0.069	ng	0.00
8) Nitrobenzene-d5	8.982	82	3535	0.315	ng	-0.01
11) 2-Methylnaphthalene-d10	12.227	152	5315	0.262	ng	-0.02
14) 2,4,6-Tribromophenol	15.969	330	664	0.371	ng	-0.01
15) 2-Fluorobiphenyl	13.105	172	8978	0.313	ng	-0.01
27) Fluoranthene-d10	19.262	212	11202	0.345	ng	0.00
31) Terphenyl-d14	19.861	244	8410	0.374	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.297	88	42084	6.995	ng	94
34) Bis(2-ethylhexyl)phtha...	21.331	149	1043	0.091	ng	99

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

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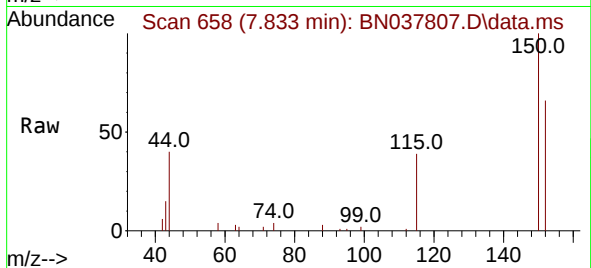
Quant Time: Sep 19 11:09:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



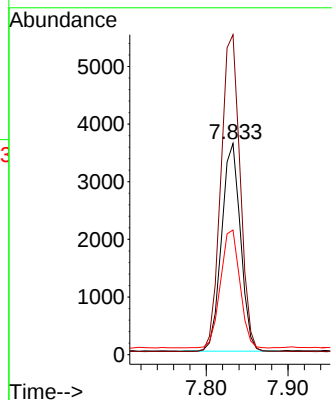
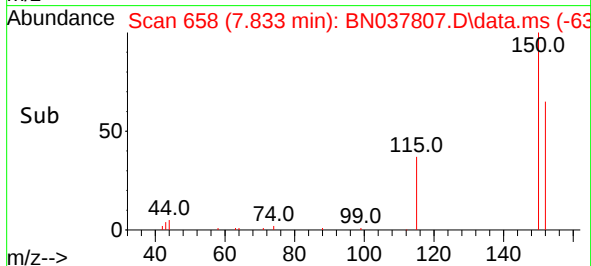


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.833 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037807.D
 Acq: 19 Sep 2025 10:02

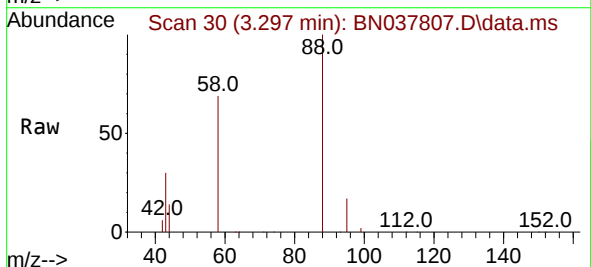
Instrument :
 BNA_N
 ClientSampleId :



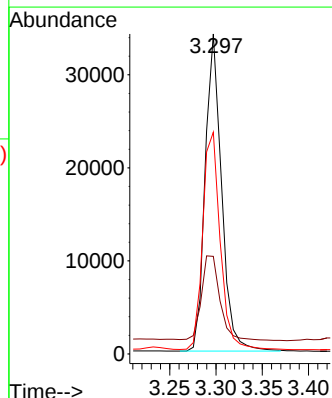
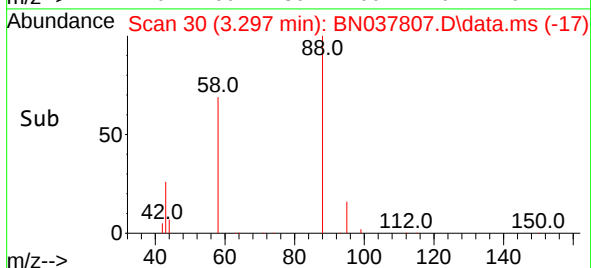
Tgt Ion:152 Resp: 5776
 Ion Ratio Lower Upper
 152 100
 150 151.5 124.5 186.7
 115 59.0 49.2 73.8



#2
 1,4-Dioxane
 Concen: 6.995 ng
 RT: 3.297 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN037807.D
 Acq: 19 Sep 2025 10:02



Tgt Ion: 88 Resp: 42084
 Ion Ratio Lower Upper
 88 100
 43 29.9 26.8 40.2
 58 72.6 61.9 92.9

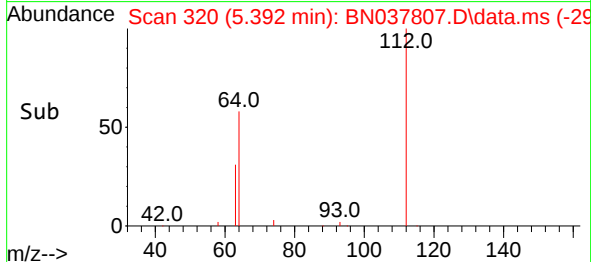
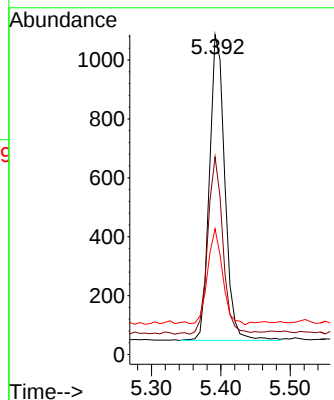
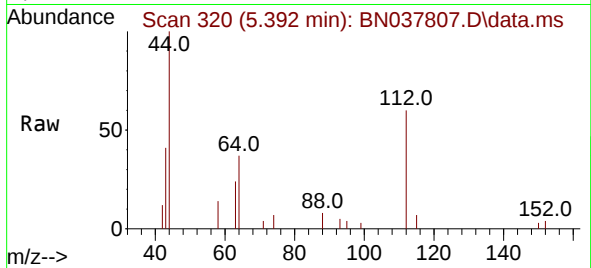




#4
2-Fluorophenol
Concen: 0.121 ng
RT: 5.392 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN037807.D
Acq: 19 Sep 2025 10:02

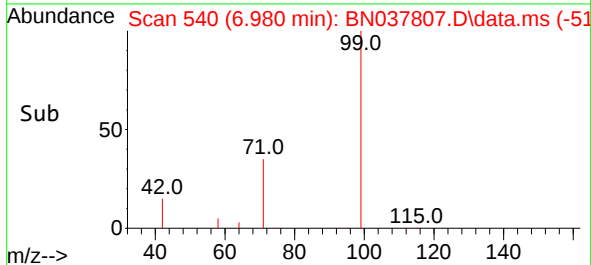
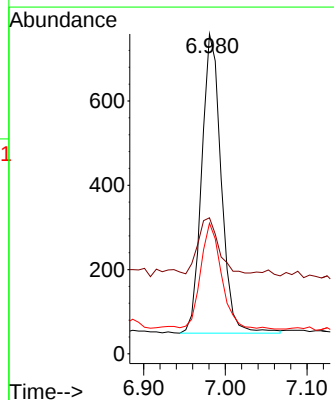
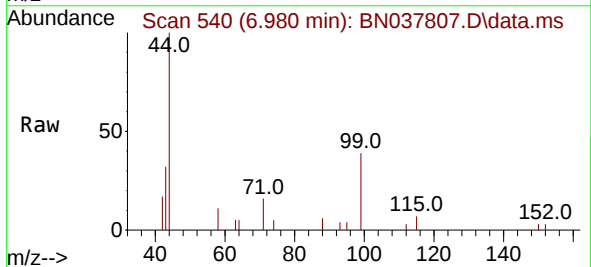
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 1604
Ion Ratio Lower Upper
112 100
64 57.1 44.9 67.3
63 30.5 24.7 37.1



#5
Phenol-d6
Concen: 0.069 ng
RT: 6.980 min Scan# 540
Delta R.T. -0.007 min
Lab File: BN037807.D
Acq: 19 Sep 2025 10:02

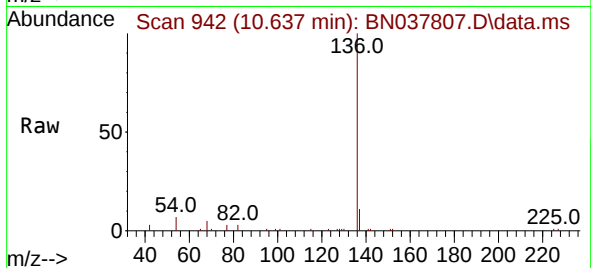
Tgt Ion: 99 Resp: 1181
Ion Ratio Lower Upper
99 100
42 20.2 16.6 24.8
71 38.7 26.7 40.1



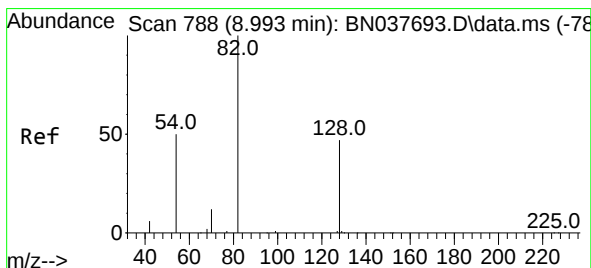
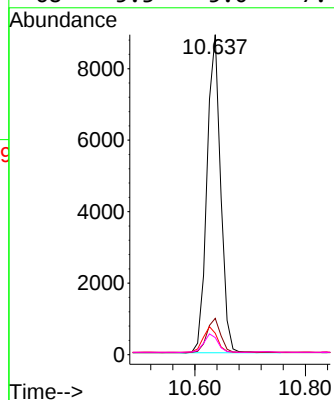


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037807.D
Acq: 19 Sep 2025 10:02

Instrument :
BNA_N
ClientSampleId :

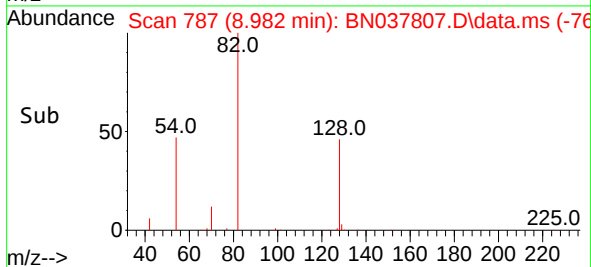
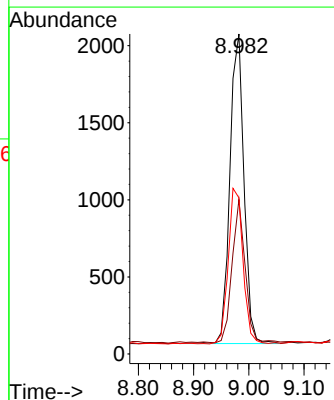
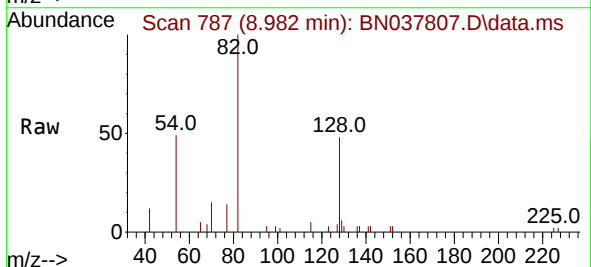


Tgt Ion:136 Resp: 15322
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 6.7 6.3 9.5
68 5.3 5.0 7.4



#8
Nitrobenzene-d5
Concen: 0.315 ng
RT: 8.982 min Scan# 787
Delta R.T. -0.011 min
Lab File: BN037807.D
Acq: 19 Sep 2025 10:02

Tgt Ion: 82 Resp: 3535
Ion Ratio Lower Upper
82 100
128 48.3 38.3 57.5
54 48.8 41.4 62.2

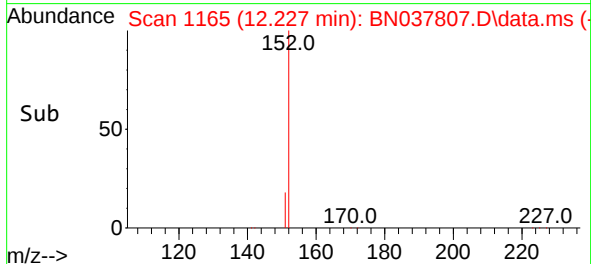
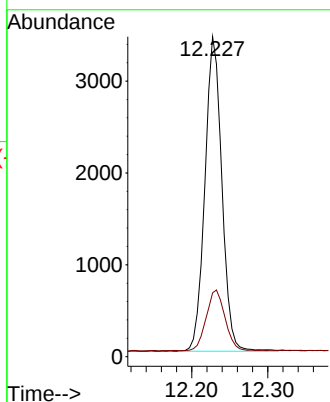
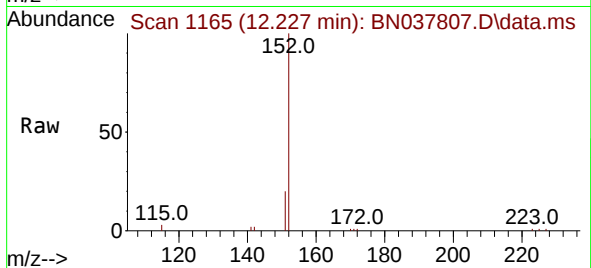




#11
2-Methylnaphthalene-d10
Concen: 0.262 ng
RT: 12.227 min Scan# 1165
Delta R.T. -0.015 min
Lab File: BN037807.D
Acq: 19 Sep 2025 10:02

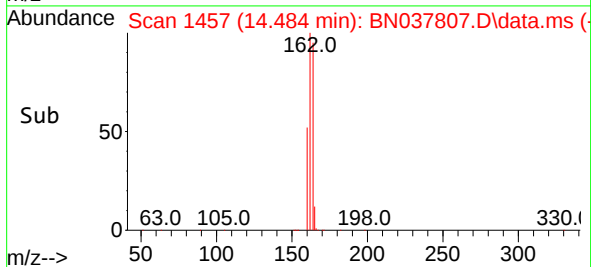
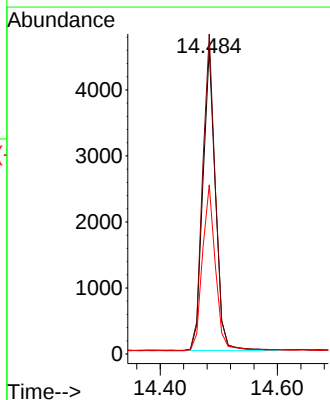
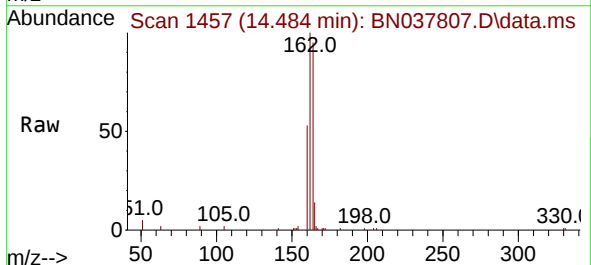
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 5315
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: BN037807.D
Acq: 19 Sep 2025 10:02

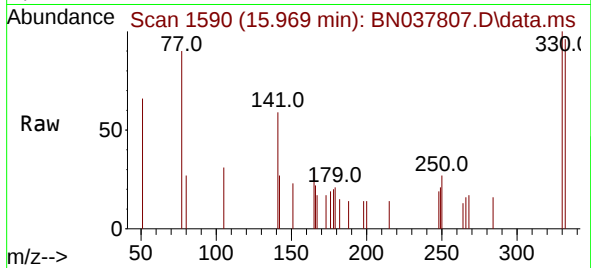
Tgt Ion:164 Resp: 6856
Ion Ratio Lower Upper
164 100
162 104.9 83.1 124.7
160 55.4 44.3 66.5



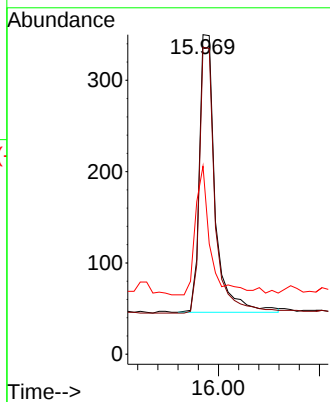
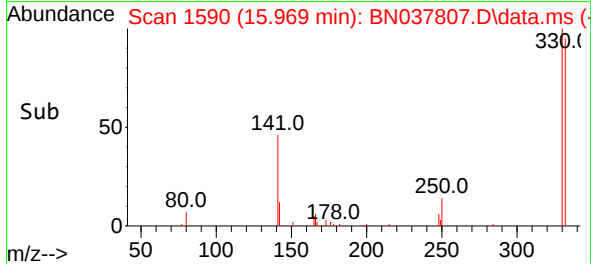


#14
 2,4,6-Tribromophenol
 Concen: 0.371 ng
 RT: 15.969 min Scan# 1590
 Delta R.T. -0.013 min
 Lab File: BN037807.D
 Acq: 19 Sep 2025 10:02

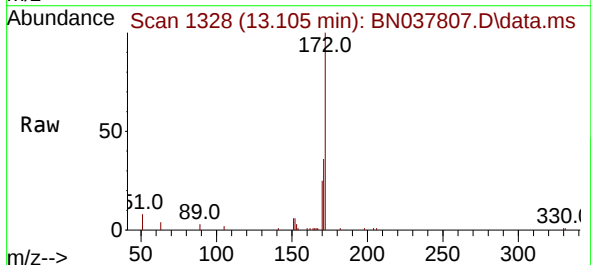
Instrument :
 BNA_N
 ClientSampleId :



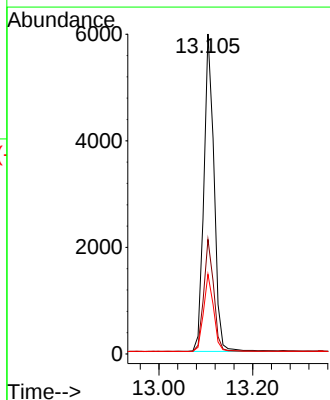
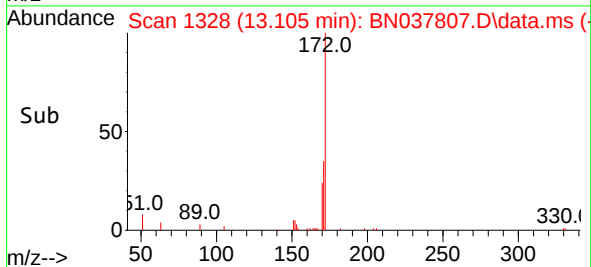
Tgt Ion:330 Resp: 664
 Ion Ratio Lower Upper
 330 100
 332 94.6 75.3 112.9
 141 43.2 35.0 52.4



#15
 2-Fluorobiphenyl
 Concen: 0.313 ng
 RT: 13.105 min Scan# 1328
 Delta R.T. -0.011 min
 Lab File: BN037807.D
 Acq: 19 Sep 2025 10:02



Tgt Ion:172 Resp: 8978
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.6 43.0
 170 24.9 19.8 29.8

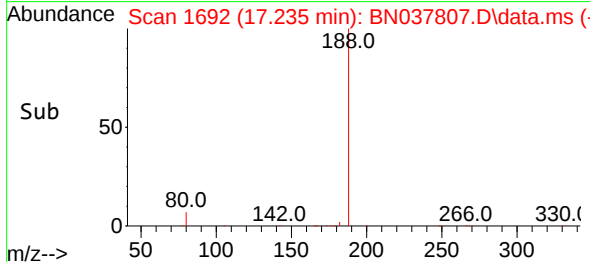
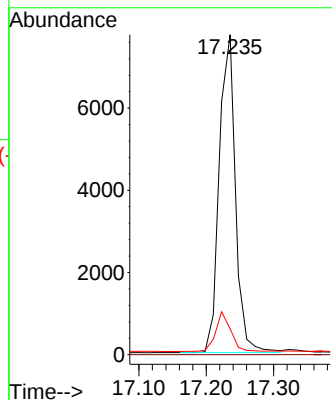
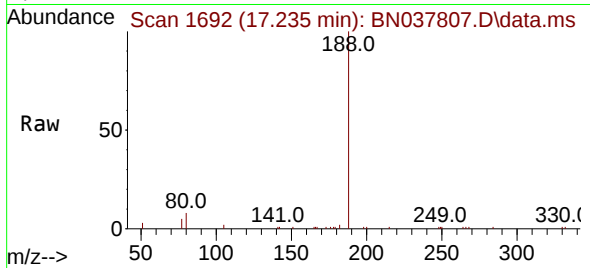




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.235 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN037807.D
Acq: 19 Sep 2025 10:02

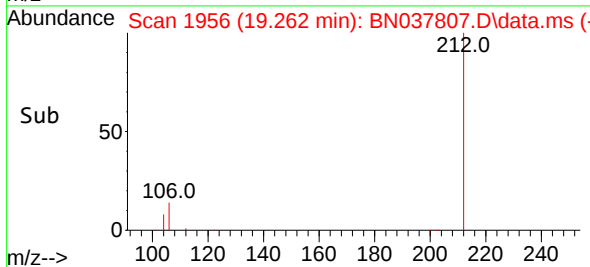
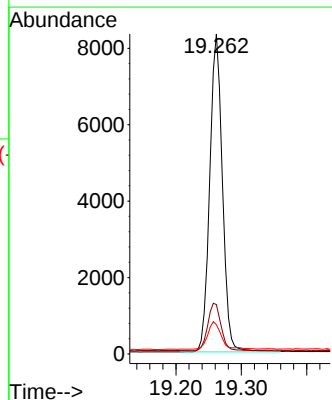
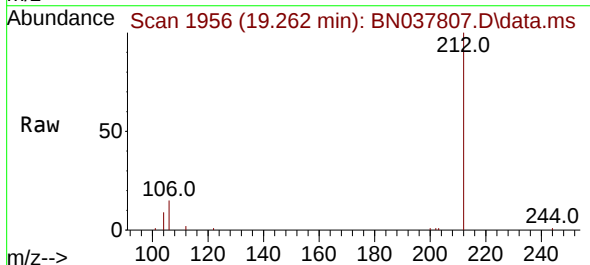
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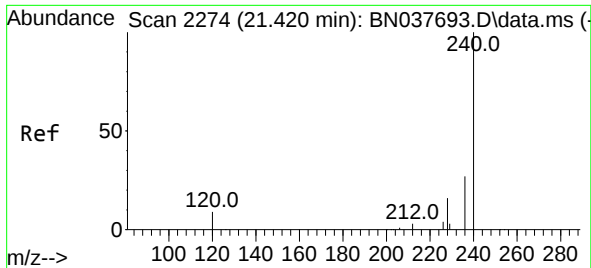
Tgt Ion:188 Resp: 12918
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.0 10.6 15.8#



#27
Fluoranthene-d10
Concen: 0.345 ng
RT: 19.262 min Scan# 1956
Delta R.T. -0.009 min
Lab File: BN037807.D
Acq: 19 Sep 2025 10:02

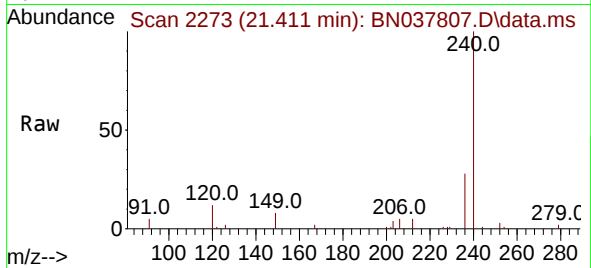
Tgt Ion:212 Resp: 11202
Ion Ratio Lower Upper
212 100
106 15.7 12.2 18.2
104 9.2 6.9 10.3



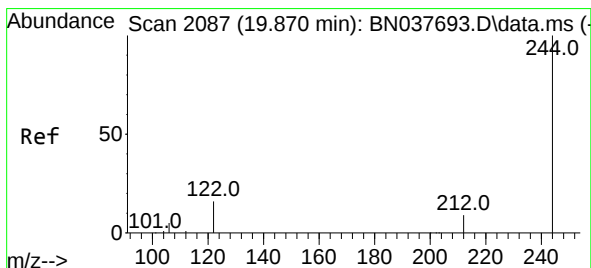
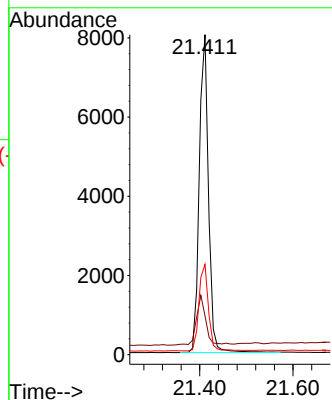
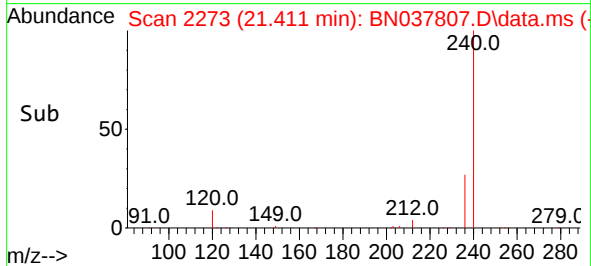


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.411 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037807.D
Acq: 19 Sep 2025 10:02

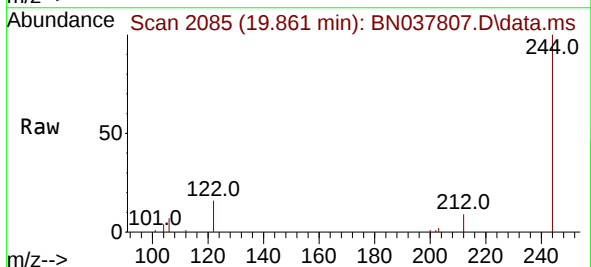
Instrument :
BNA_N
ClientSampleId :



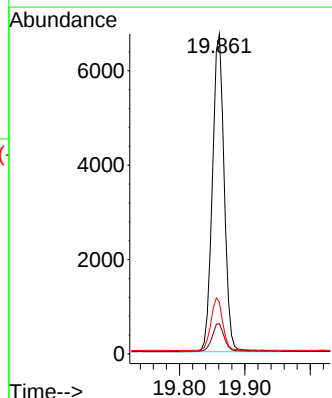
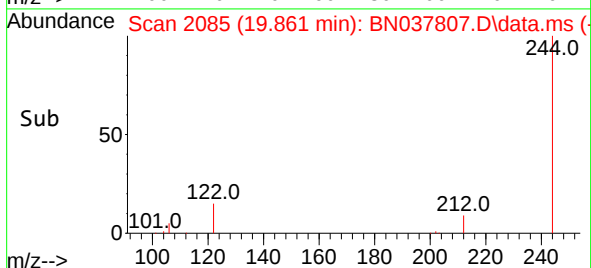
Tgt Ion:240 Resp: 11066
Ion Ratio Lower Upper
240 100
120 12.2 9.2 13.8
236 28.3 22.6 33.8



#31
Terphenyl-d14
Concen: 0.374 ng
RT: 19.861 min Scan# 2085
Delta R.T. -0.009 min
Lab File: BN037807.D
Acq: 19 Sep 2025 10:02



Tgt Ion:244 Resp: 8410
Ion Ratio Lower Upper
244 100
212 9.4 7.5 11.3
122 16.1 13.2 19.8

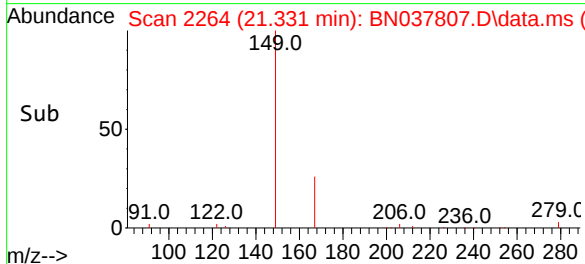
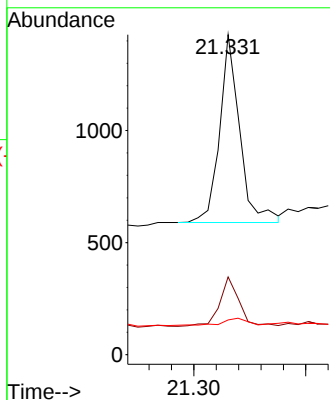
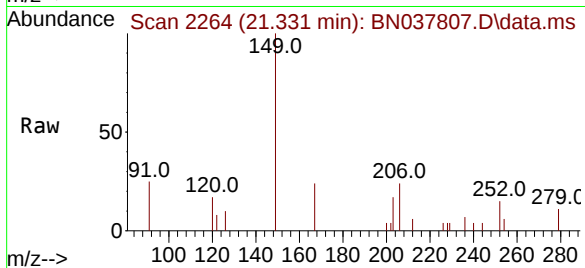




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.091 ng
RT: 21.331 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN037807.D
Acq: 19 Sep 2025 10:02

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:149 Resp: 1043
Ion Ratio Lower Upper
149 100
167 25.7 20.8 31.2
279 4.4 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: BN037807.D
Acq: 19 Sep 2025 10:02

Tgt Ion:264 Resp: 10367
Ion Ratio Lower Upper
264 100
260 28.0 21.8 32.8
265 78.6 39.4 59.2#

