

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091925\
 Data File : BN037835.D
 Acq On : 20 Sep 2025 04:25
 Operator : RC/JU
 Sample : Q3127-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 20 04:50:43 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)

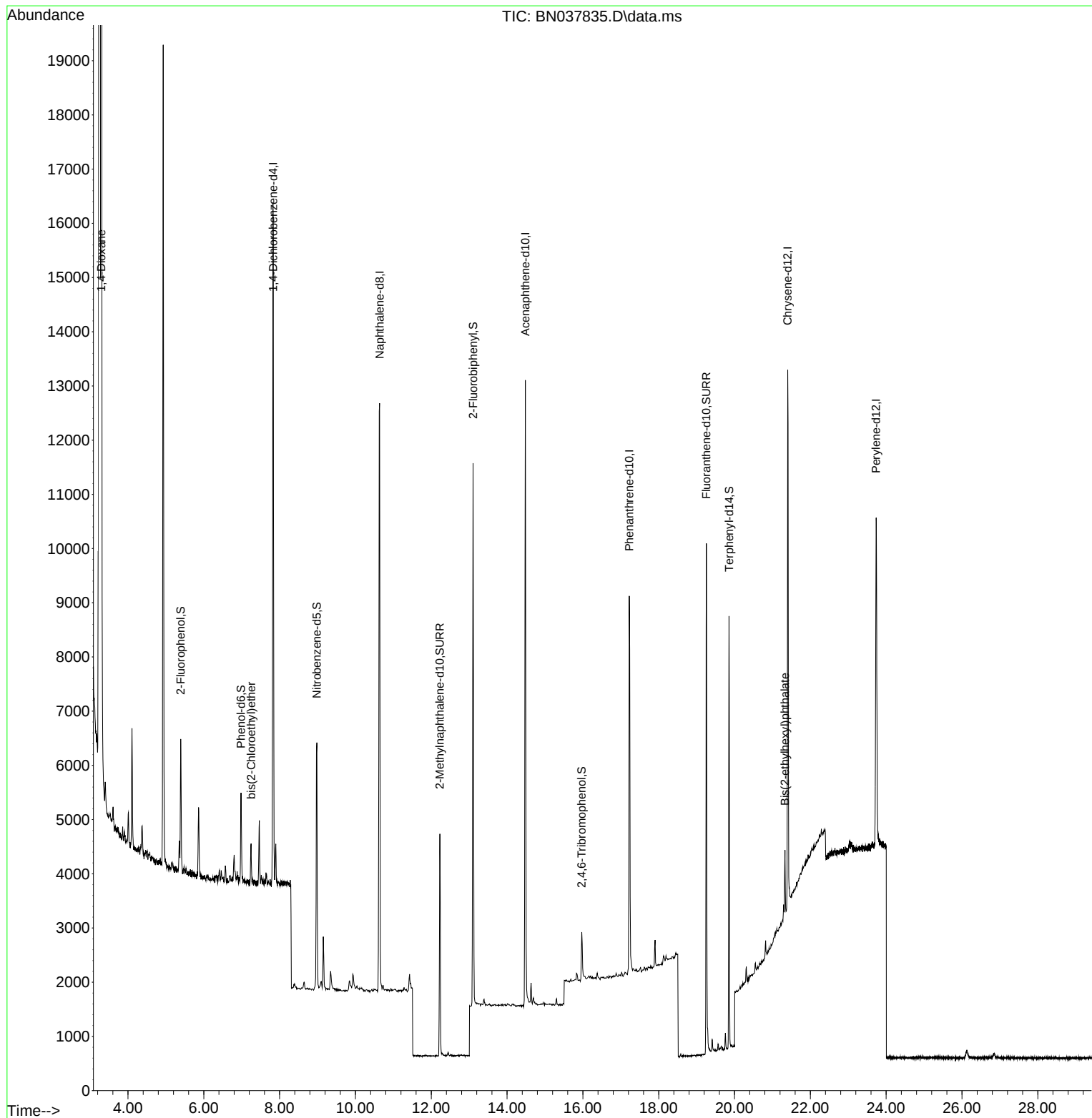
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	6064	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	15560	0.400	ng	#-0.01
13) Acenaphthene-d10	14.484	164	6417	0.400	ng	-0.01
19) Phenanthrene-d10	17.223	188	10868	0.400	ng	-0.01
29) Chrysene-d12	21.402	240	9475	0.400	ng	#-0.02
35) Perylene-d12	23.735	264	8893	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.391	112	1933	0.139	ng	0.00
5) Phenol-d6	6.980	99	1431	0.079	ng	0.00
8) Nitrobenzene-d5	8.982	82	3780	0.332	ng	-0.01
11) 2-Methylnaphthalene-d10	12.227	152	5533	0.268	ng	-0.02
14) 2,4,6-Tribromophenol	15.969	330	598	0.357	ng	-0.01
15) 2-Fluorobiphenyl	13.105	172	8399	0.313	ng	-0.01
27) Fluoranthene-d10	19.257	212	10026	0.367	ng	-0.01
31) Terphenyl-d14	19.856	244	7293	0.379	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.297	88	28780	4.557	ng	96
6) bis(2-Chloroethyl)ether	7.248	93	499	0.031	ng	97
34) Bis(2-ethylhexyl)phtha...	21.330	149	1233	0.126	ng	# 98

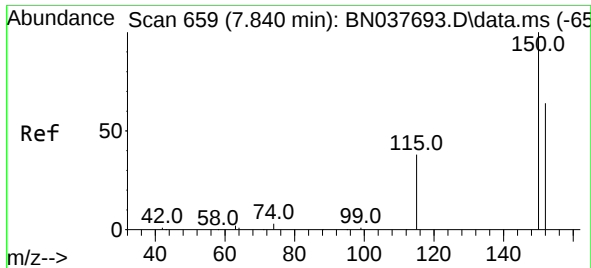
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 23 Sample Multiplier: 1

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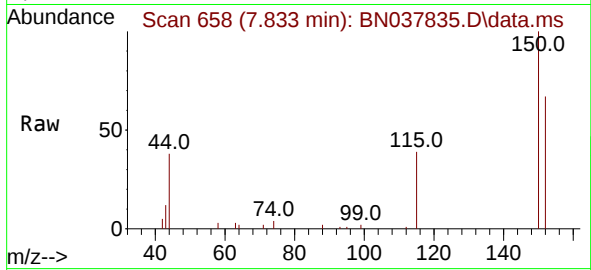
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



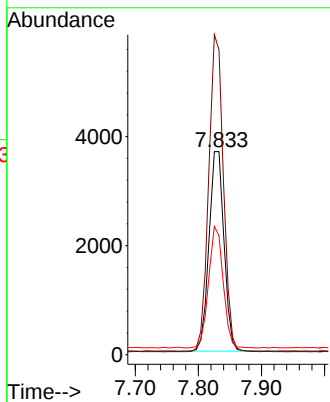
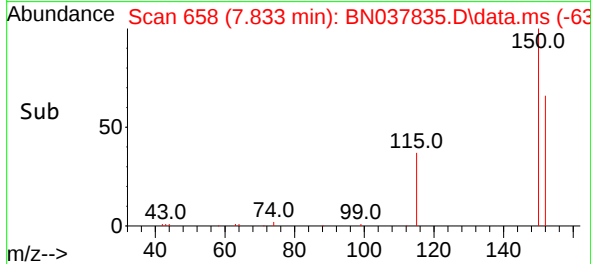


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.833 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037835.D
 Acq: 20 Sep 2025 04:25

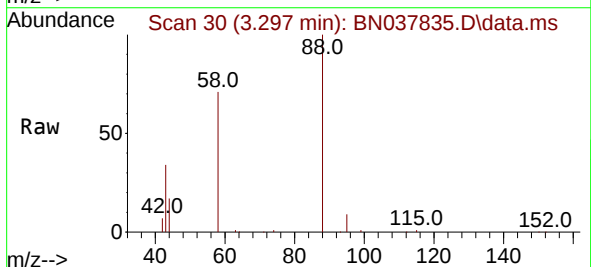
Instrument :
 BNA_N
 ClientSampleId :



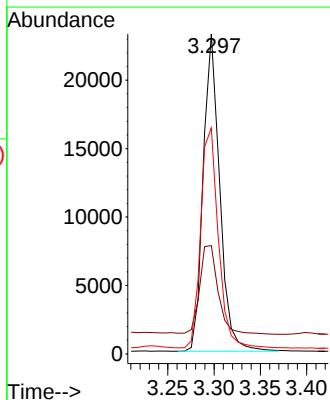
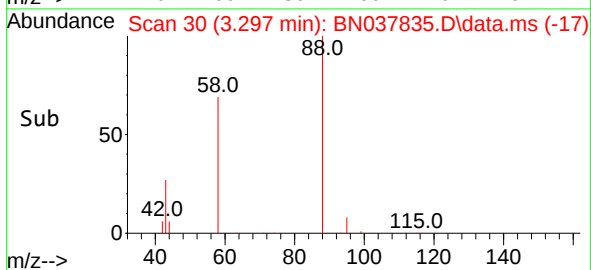
Tgt Ion:152 Resp: 6064
 Ion Ratio Lower Upper
 152 100
 150 150.1 124.5 186.7
 115 58.6 49.2 73.8



#2
 1,4-Dioxane
 Concen: 4.557 ng
 RT: 3.297 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN037835.D
 Acq: 20 Sep 2025 04:25



Tgt Ion: 88 Resp: 28780
 Ion Ratio Lower Upper
 88 100
 43 31.4 26.8 40.2
 58 73.9 61.9 92.9

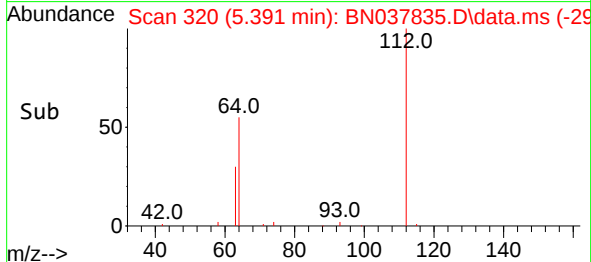
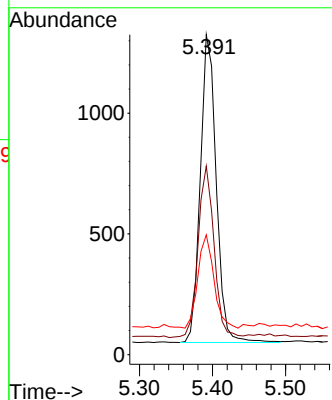
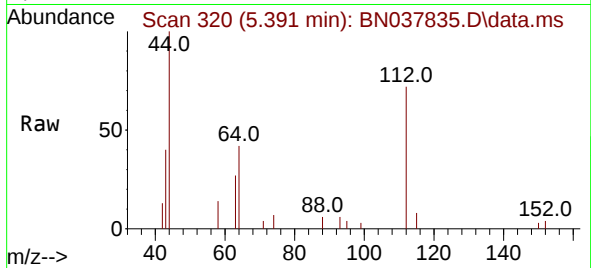




#4
2-Fluorophenol
Concen: 0.139 ng
RT: 5.391 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN037835.D
Acq: 20 Sep 2025 04:25

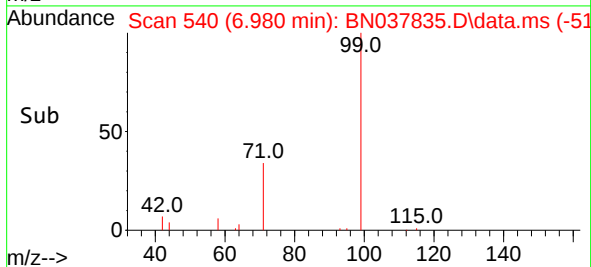
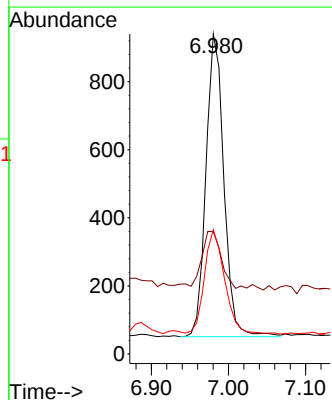
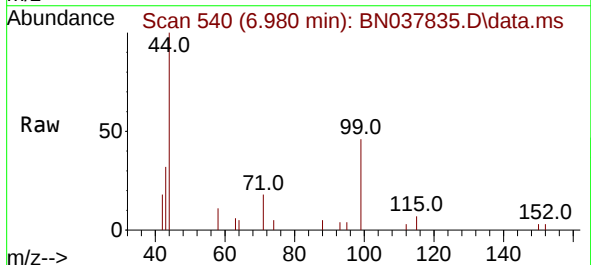
Instrument :
BNA_N
ClientSampleId :

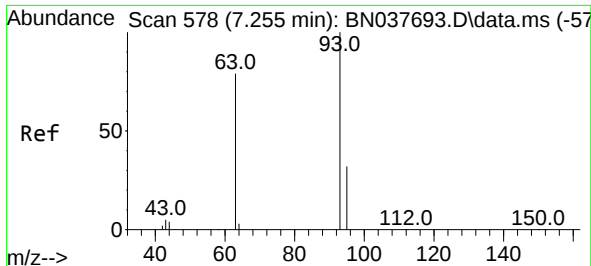
Tgt Ion:112 Resp: 1933
Ion Ratio Lower Upper
112 100
64 55.8 44.9 67.3
63 30.4 24.7 37.1



#5
Phenol-d6
Concen: 0.079 ng
RT: 6.980 min Scan# 540
Delta R.T. -0.007 min
Lab File: BN037835.D
Acq: 20 Sep 2025 04:25

Tgt Ion: 99 Resp: 1431
Ion Ratio Lower Upper
99 100
42 19.7 16.6 24.8
71 38.8 26.7 40.1

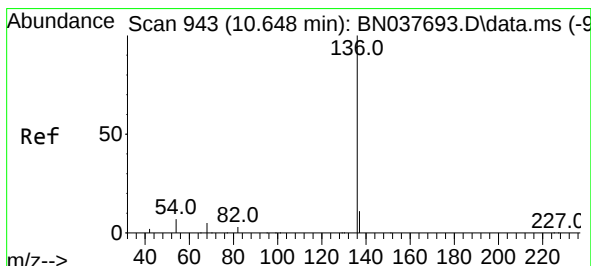
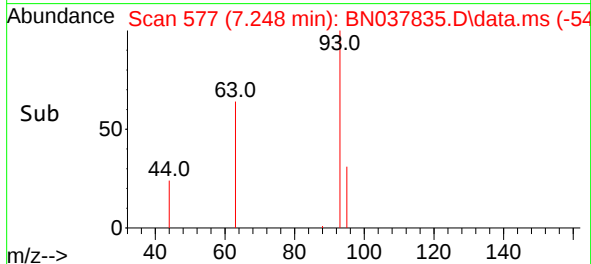
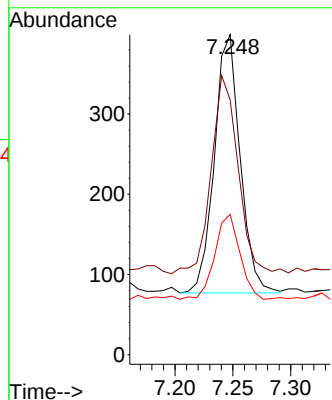
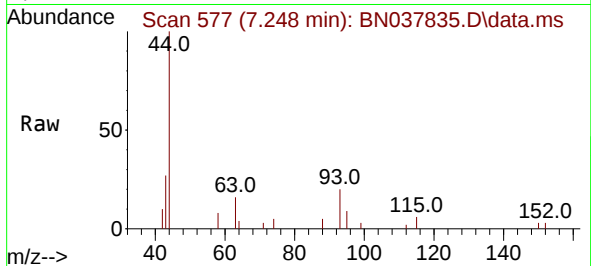




#6
bis(2-Chloroethyl)ether
Concen: 0.031 ng
RT: 7.248 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN037835.D
Acq: 20 Sep 2025 04:25

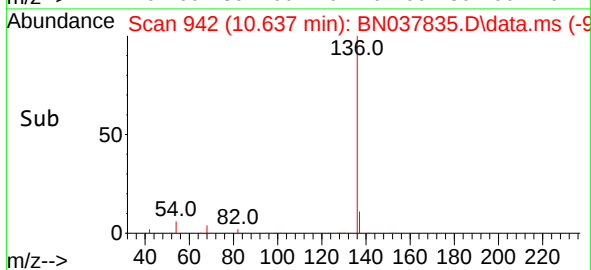
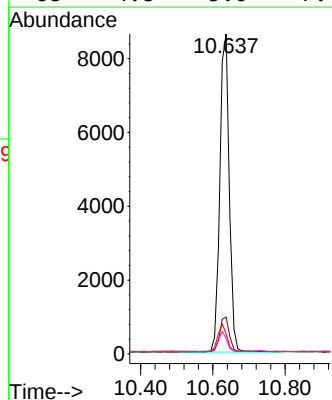
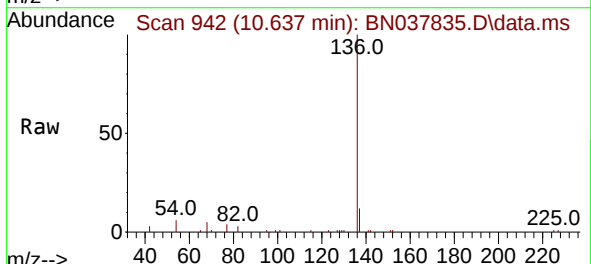
Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 93 Resp: 499
Ion Ratio Lower Upper
93 100
63 79.6 60.6 90.8
95 32.1 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: BN037835.D
Acq: 20 Sep 2025 04:25

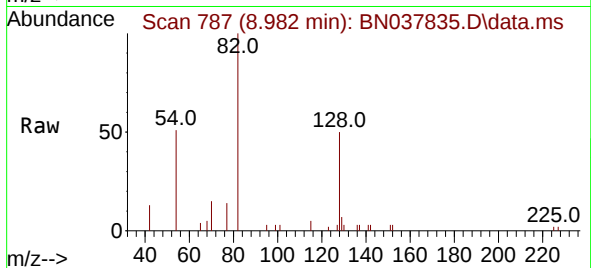
Tgt Ion: 136 Resp: 15560
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 6.3 6.3 9.5#
68 4.8 5.0 7.4#



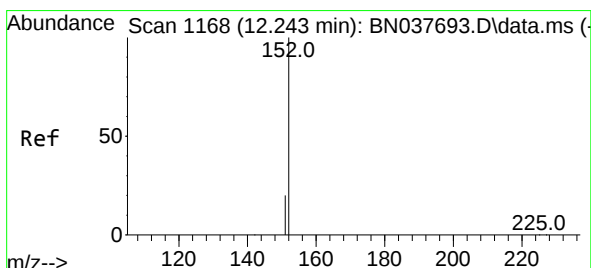
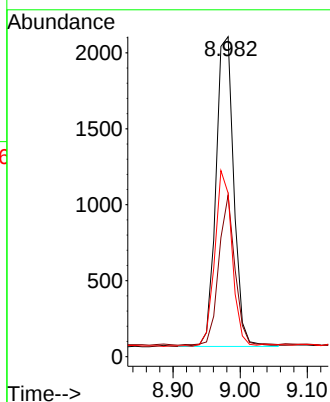
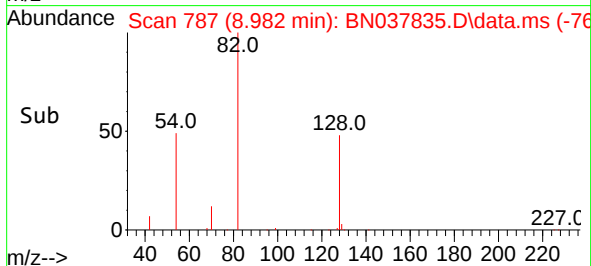


#8
Nitrobenzene-d5
Concen: 0.332 ng
RT: 8.982 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN037835.D
Acq: 20 Sep 2025 04:25

Instrument :
BNA_N
ClientSampleId :

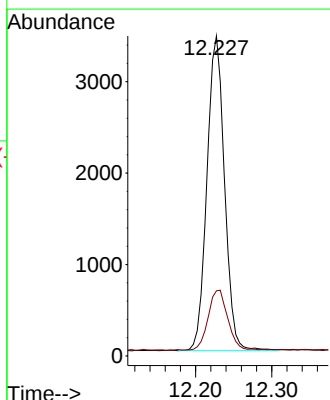
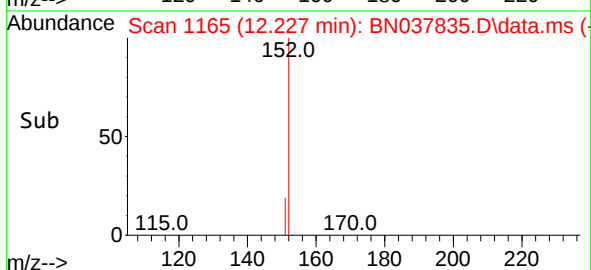
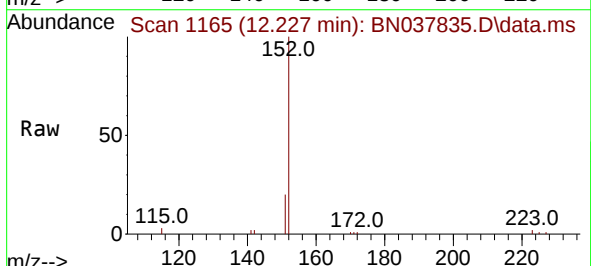


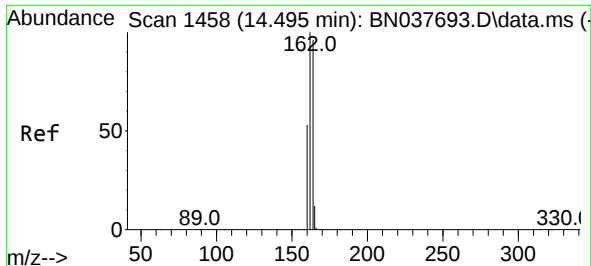
Tgt Ion: 82 Resp: 3780
Ion Ratio Lower Upper
82 100
128 50.5 38.3 57.5
54 51.1 41.4 62.2



#11
2-Methylnaphthalene-d10
Concen: 0.268 ng
RT: 12.227 min Scan# 1165
Delta R.T. -0.015 min
Lab File: BN037835.D
Acq: 20 Sep 2025 04:25

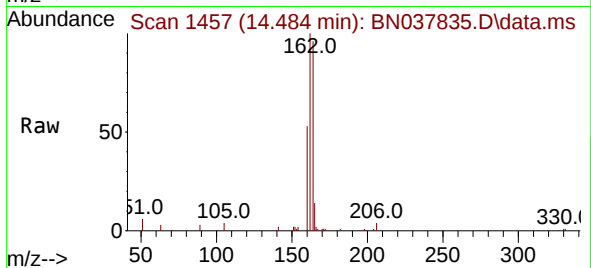
Tgt Ion: 152 Resp: 5533
Ion Ratio Lower Upper
152 100
151 21.0 17.0 25.6



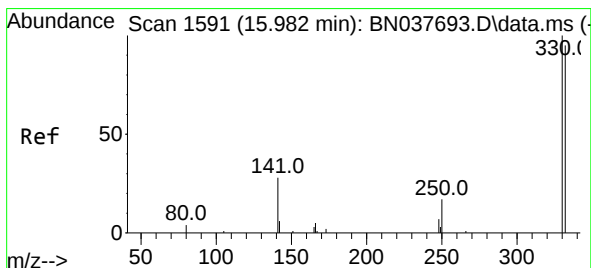
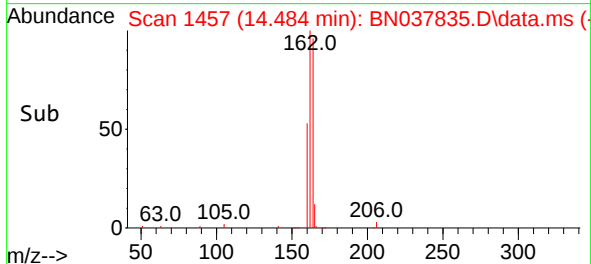
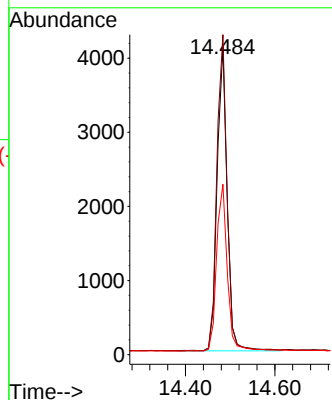


#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.484 min Scan# 1457
 Delta R.T. -0.011 min
 Lab File: BN037835.D
 Acq: 20 Sep 2025 04:25

Instrument :
 BNA_N
 ClientSampleId :

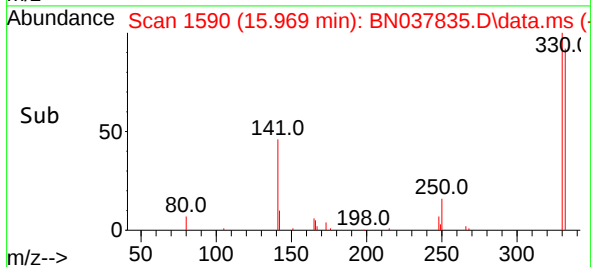
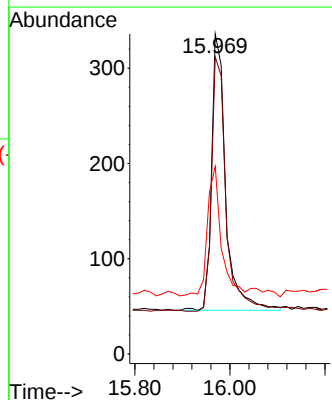
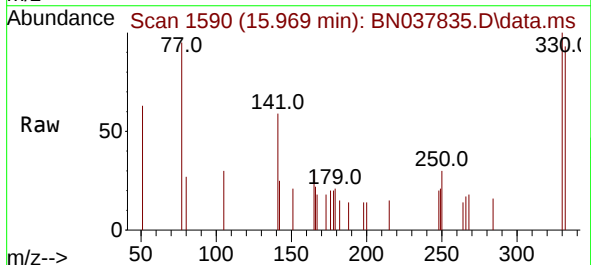


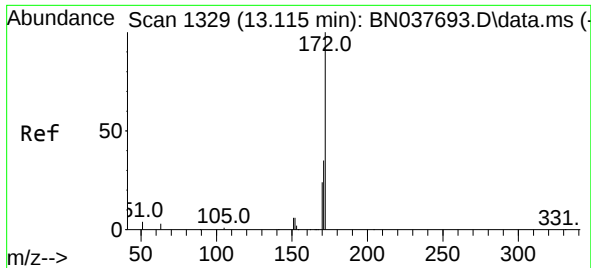
Tgt Ion:164 Resp: 6417
 Ion Ratio Lower Upper
 164 100
 162 104.0 83.1 124.7
 160 55.4 44.3 66.5



#14
 2,4,6-Tribromophenol
 Concen: 0.357 ng
 RT: 15.969 min Scan# 1590
 Delta R.T. -0.013 min
 Lab File: BN037835.D
 Acq: 20 Sep 2025 04:25

Tgt Ion:330 Resp: 598
 Ion Ratio Lower Upper
 330 100
 332 95.3 75.3 112.9
 141 45.8 35.0 52.4

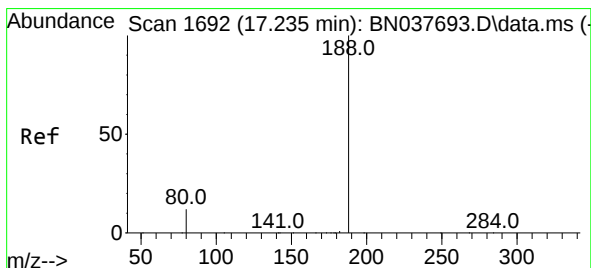
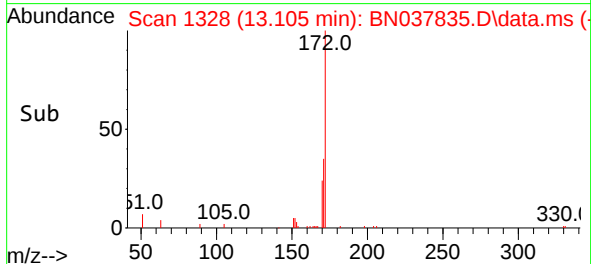
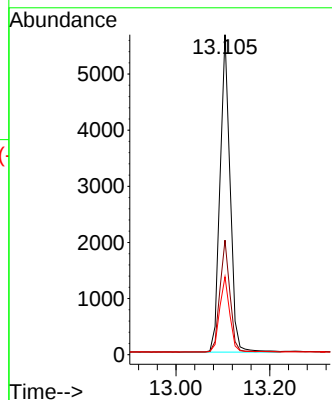
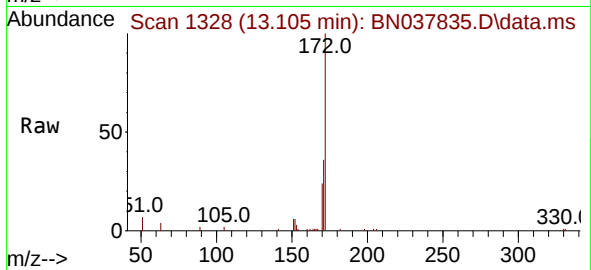




#15
2-Fluorobiphenyl
Concen: 0.313 ng
RT: 13.105 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN037835.D
Acq: 20 Sep 2025 04:25

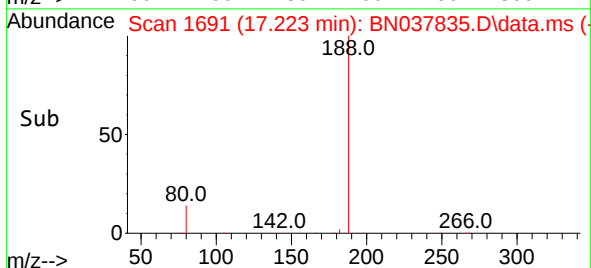
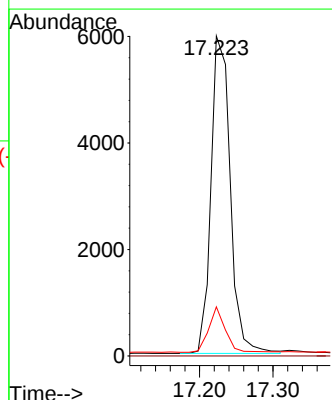
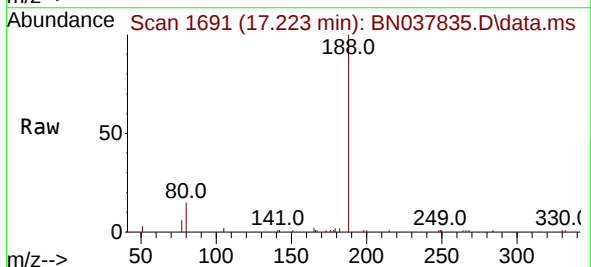
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BNA_N
ClientSampleId :

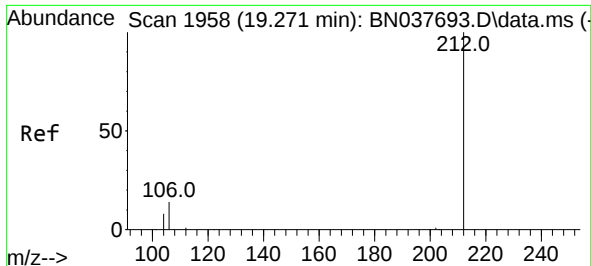
Tgt Ion:172 Resp: 8399
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 24.4 19.8 29.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 1691
Delta R.T. -0.013 min
Lab File: BN037835.D
Acq: 20 Sep 2025 04:25

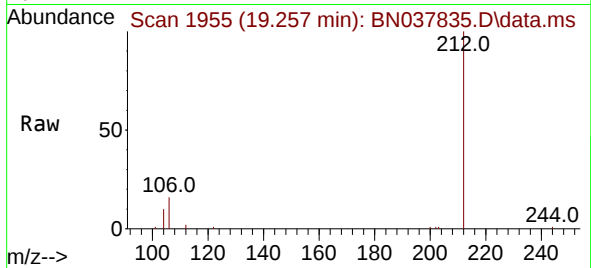
Tgt Ion:188 Resp: 10868
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.4 10.6 15.8



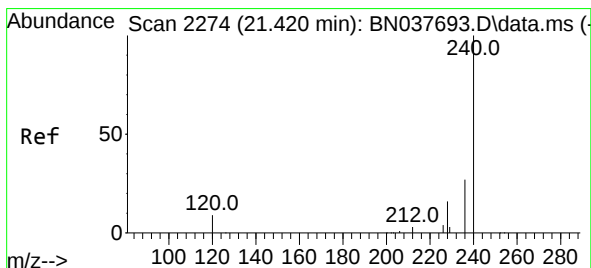
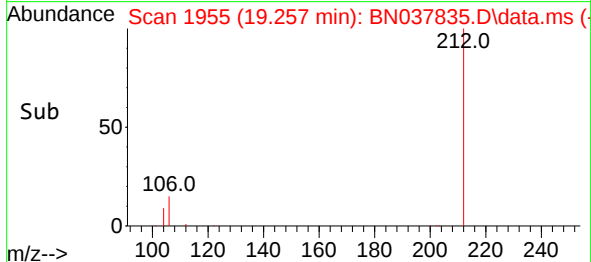
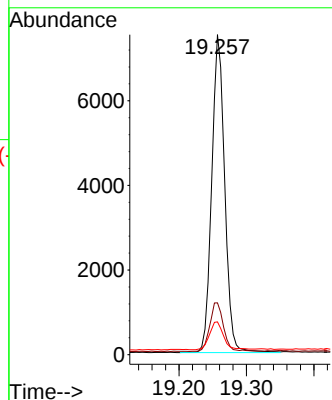


#27
Fluoranthene-d10
Concen: 0.367 ng
RT: 19.257 min Scan# 1955
Delta R.T. -0.014 min
Lab File: BN037835.D
Acq: 20 Sep 2025 04:25

Instrument :
BNA_N
ClientSampleId :

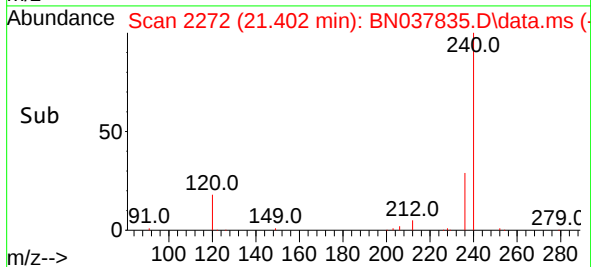
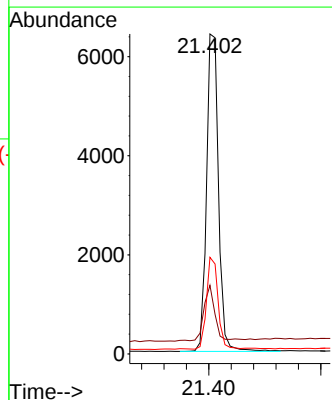
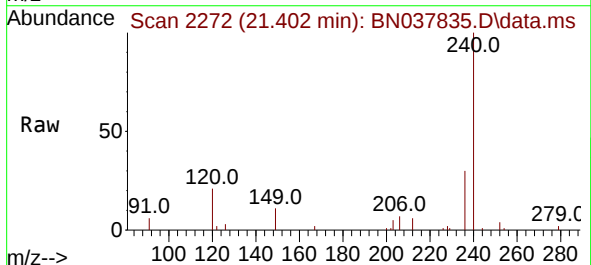


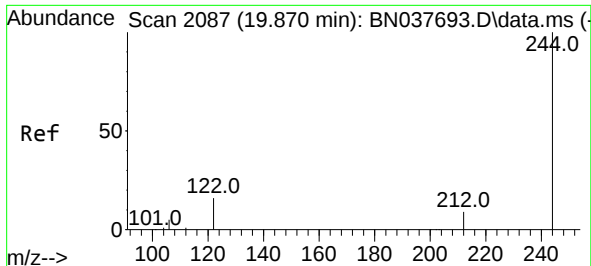
Tgt Ion:212 Resp: 10026
Ion Ratio Lower Upper
212 100
106 16.2 12.2 18.2
104 9.5 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.402 min Scan# 2272
Delta R.T. -0.018 min
Lab File: BN037835.D
Acq: 20 Sep 2025 04:25

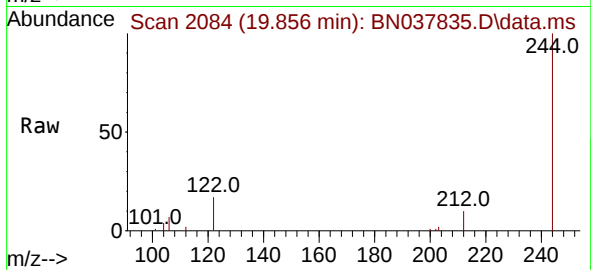
Tgt Ion:240 Resp: 9475
Ion Ratio Lower Upper
240 100
120 21.5 9.2 13.8#
236 30.2 22.6 33.8



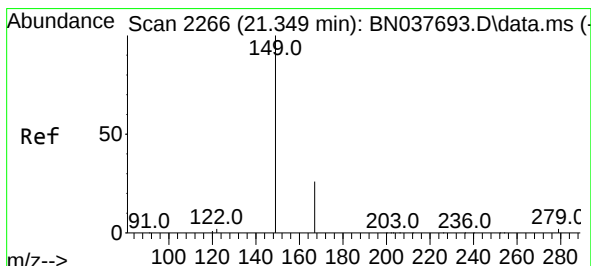
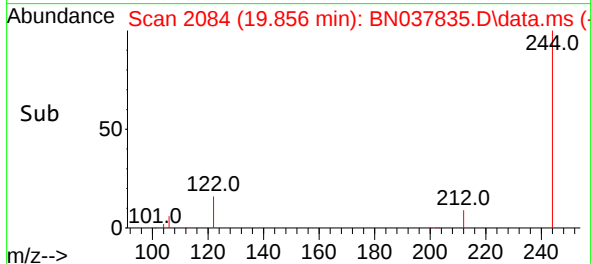
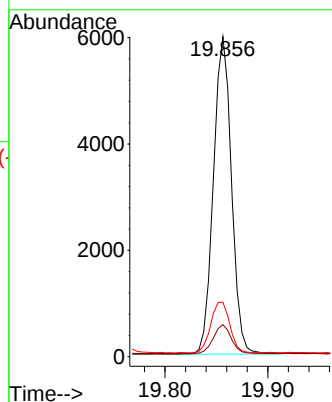


#31
Terphenyl-d14
Concen: 0.379 ng
RT: 19.856 min Scan# 2084
Delta R.T. -0.014 min
Lab File: BN037835.D
Acq: 20 Sep 2025 04:25

Instrument :
BNA_N
ClientSampleId :

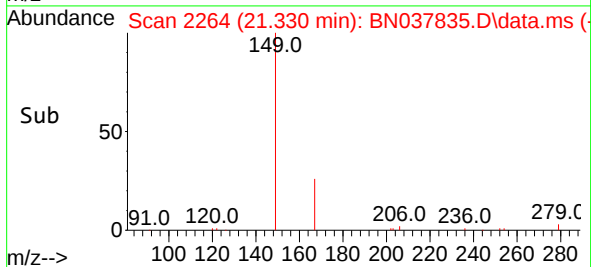
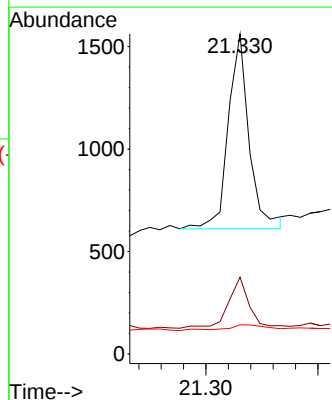
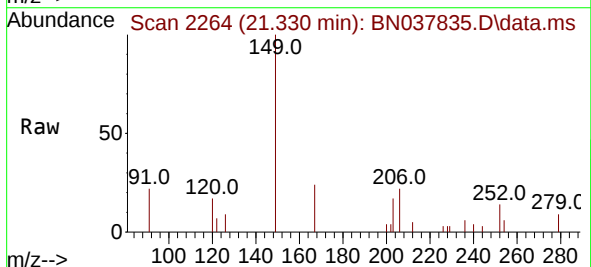


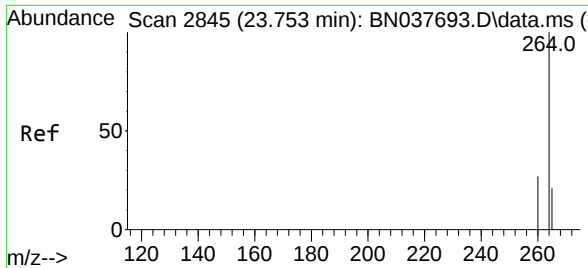
Tgt Ion:244 Resp: 7293
Ion Ratio Lower Upper
244 100
212 10.0 7.5 11.3
122 17.0 13.2 19.8



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.126 ng
RT: 21.330 min Scan# 2264
Delta R.T. -0.018 min
Lab File: BN037835.D
Acq: 20 Sep 2025 04:25

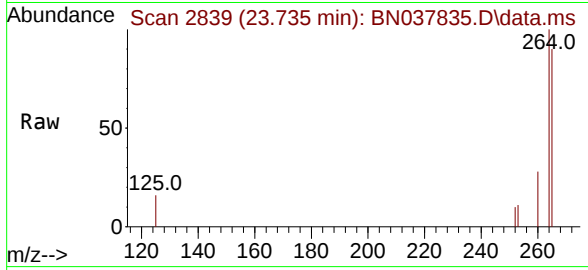
Tgt Ion:149 Resp: 1233
Ion Ratio Lower Upper
149 100
167 26.5 20.8 31.2
279 6.0 3.3 4.9#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.735 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN037835.D
Acq: 20 Sep 2025 04:25

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:264 Resp: 8893

Ion	Ratio	Lower	Upper
264	100		
260	27.5	21.8	32.8
265	90.1	39.4	59.2#

