

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091725\
 Data File : BN037755.D
 Acq On : 17 Sep 2025 20:37
 Operator : RC/JU
 Sample : Q3095-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW17811-20250909

Quant Time: Sep 18 05:01:32 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)

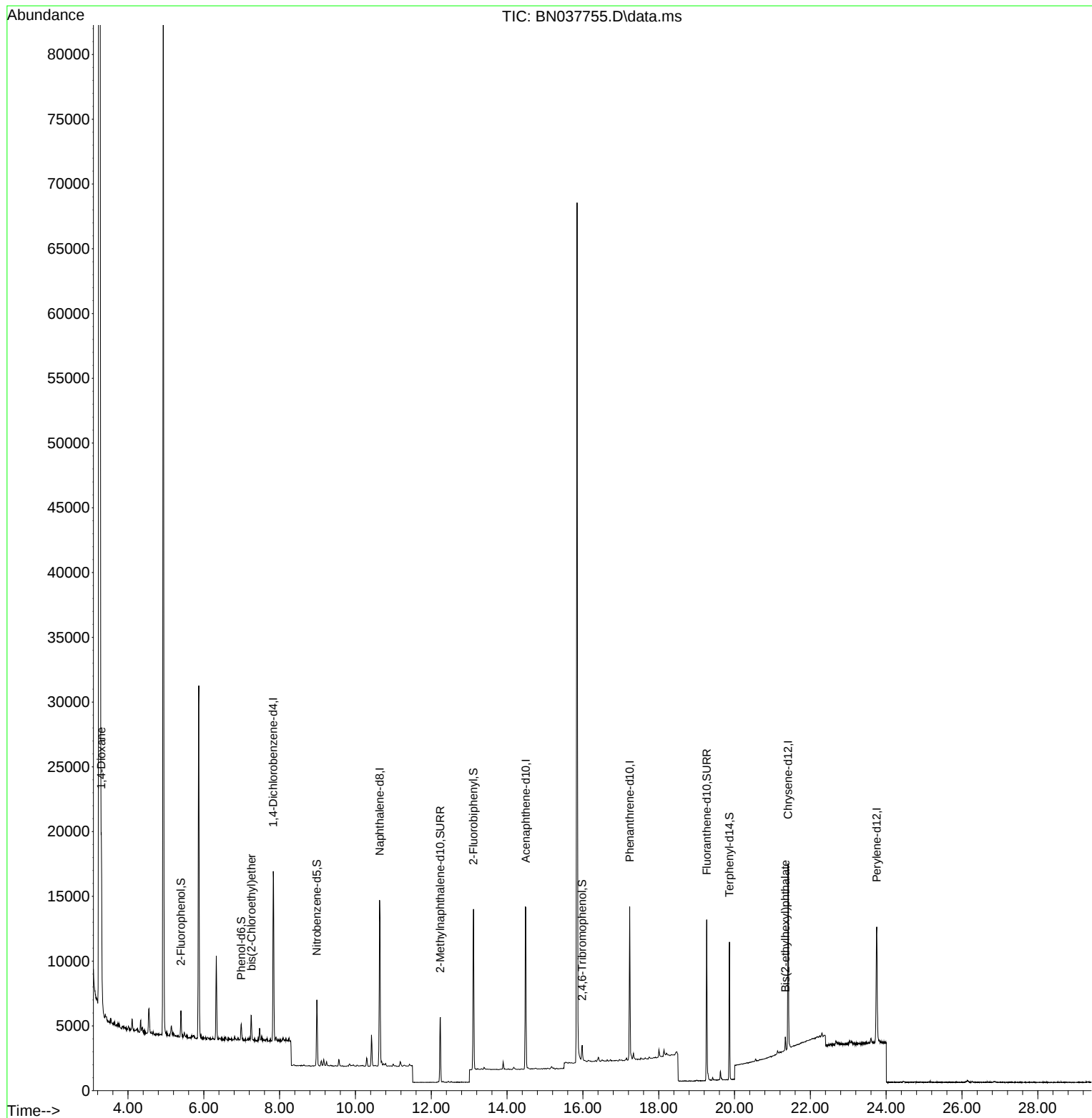
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	6476	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	17530	0.400	ng	-0.01
13) Acenaphthene-d10	14.494	164	7818	0.400	ng	0.00
19) Phenanthrene-d10	17.235	188	14505	0.400	ng	# 0.00
29) Chrysene-d12	21.411	240	12734	0.400	ng	# 0.00
35) Perylene-d12	23.750	264	12709	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	1660	0.112	ng	0.00
5) Phenol-d6	6.988	99	1198	0.062	ng	0.00
8) Nitrobenzene-d5	8.982	82	3998	0.312	ng	-0.01
11) 2-Methylnaphthalene-d10	12.238	152	6784	0.292	ng	0.00
14) 2,4,6-Tribromophenol	15.982	330	754	0.370	ng	0.00
15) 2-Fluorobiphenyl	13.115	172	10455	0.320	ng	0.00
27) Fluoranthene-d10	19.266	212	13269	0.364	ng	0.00
31) Terphenyl-d14	19.866	244	9829	0.380	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.297	88	4441	0.658	ng	# 90
6) bis(2-Chloroethyl)ether	7.255	93	1405	0.082	ng	98
34) Bis(2-ethylhexyl)phtha...	21.340	149	1079	0.082	ng	98

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

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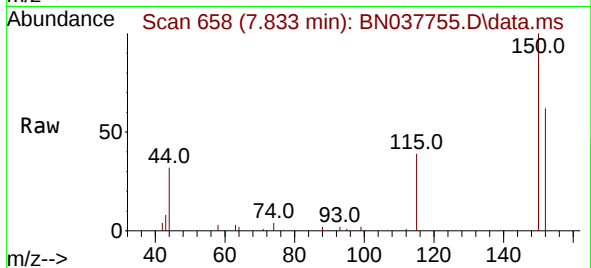
Quant Time: Sep 18 05:01:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



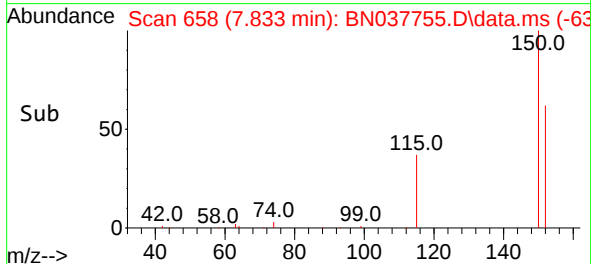
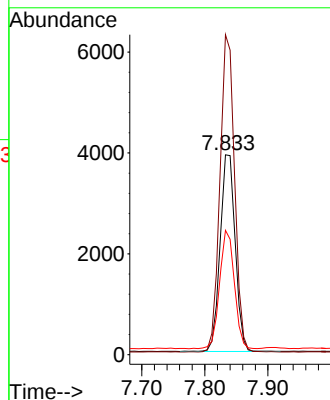


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.833 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037755.D
 Acq: 17 Sep 2025 20:37

Instrument :
 BNA_N
 ClientSampleId :
 MW17811-20250909

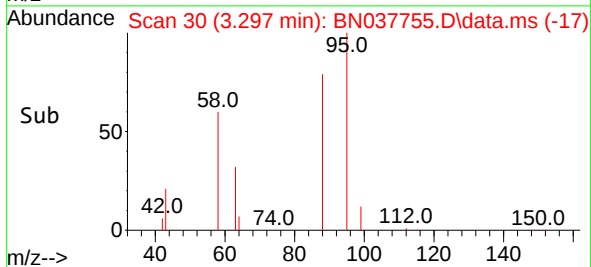
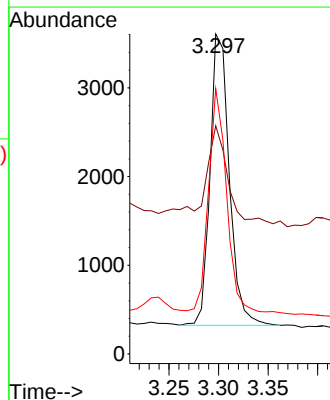
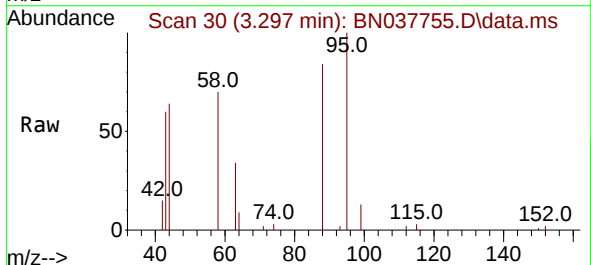


Tgt Ion:152 Resp: 6476
 Ion Ratio Lower Upper
 152 100
 150 160.2 124.5 186.7
 115 62.3 49.2 73.8



#2
 1,4-Dioxane
 Concen: 0.658 ng
 RT: 3.297 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN037755.D
 Acq: 17 Sep 2025 20:37

Tgt Ion: 88 Resp: 4441
 Ion Ratio Lower Upper
 88 100
 43 46.3 26.8 40.2#
 58 73.0 61.9 92.9

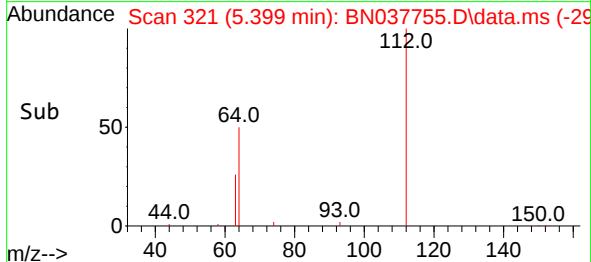
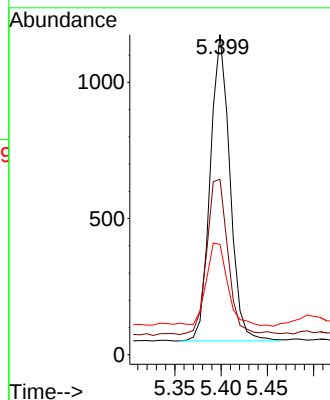
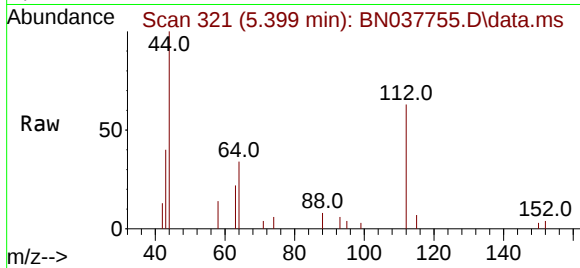




#4
2-Fluorophenol
Concen: 0.112 ng
RT: 5.399 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN037755.D
Acq: 17 Sep 2025 20:37

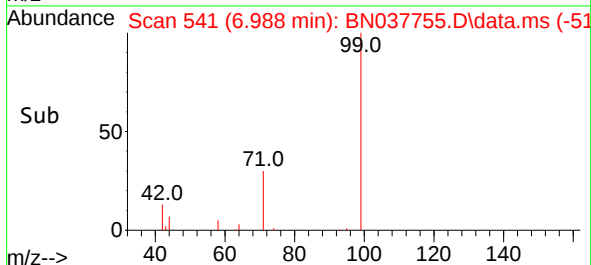
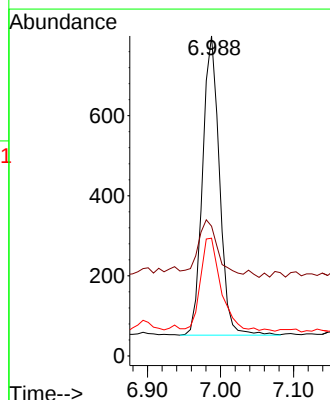
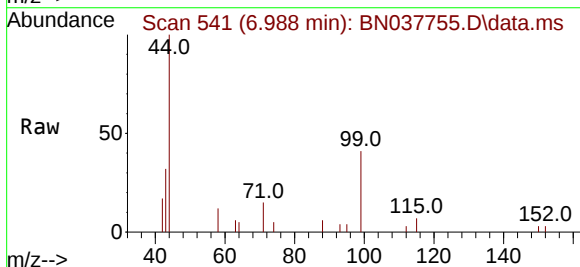
Instrument :
BNA_N
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MW17811-20250909

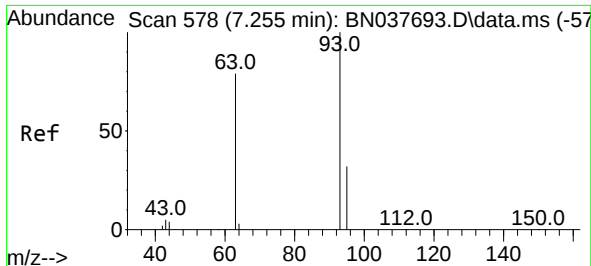
Tgt Ion:112 Resp: 1660
Ion Ratio Lower Upper
112 100
64 54.6 44.9 67.3
63 29.5 24.7 37.1



#5
Phenol-d6
Concen: 0.062 ng
RT: 6.988 min Scan# 541
Delta R.T. -0.000 min
Lab File: BN037755.D
Acq: 17 Sep 2025 20:37

Tgt Ion: 99 Resp: 1198
Ion Ratio Lower Upper
99 100
42 20.1 16.6 24.8
71 38.1 26.7 40.1

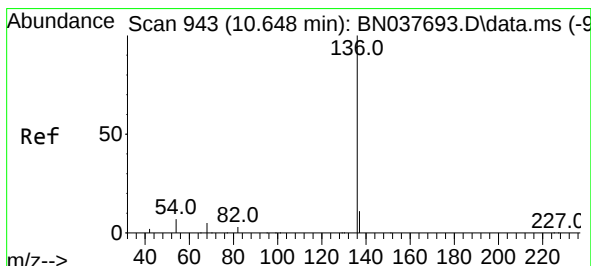
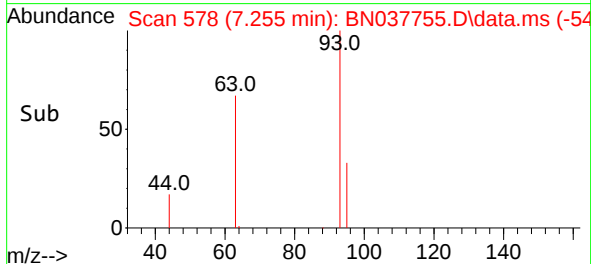
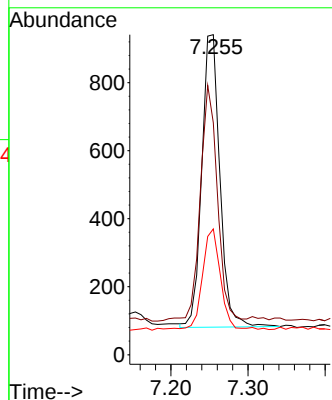
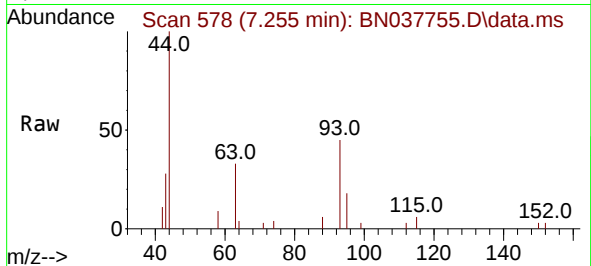




#6
bis(2-Chloroethyl)ether
Concen: 0.082 ng
RT: 7.255 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN037755.D
Acq: 17 Sep 2025 20:37

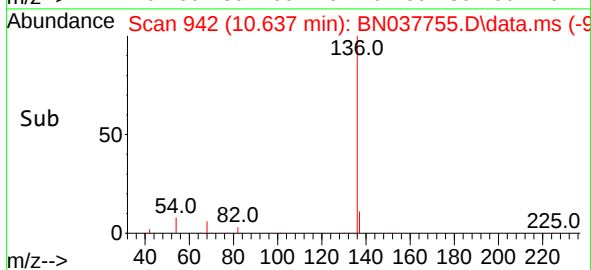
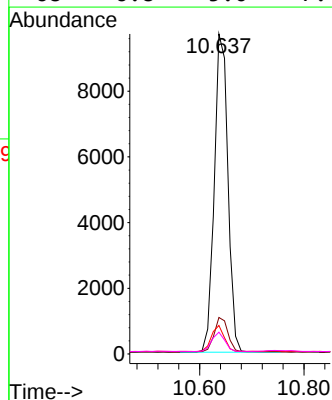
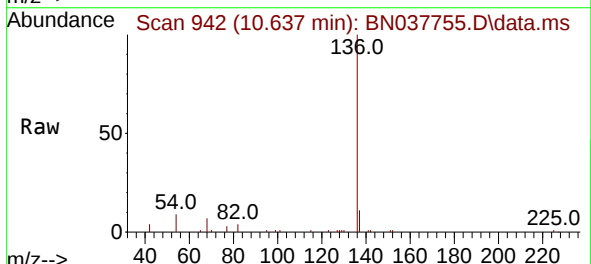
Instrument :
BNA_N
ClientSampleId :
MW17811-20250909

Tgt Ion: 93 Resp: 1405
Ion Ratio Lower Upper
93 100
63 76.2 60.6 90.8
95 35.7 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: BN037755.D
Acq: 17 Sep 2025 20:37

Tgt Ion: 136 Resp: 17530
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 8.9 6.3 9.5
68 6.8 5.0 7.4

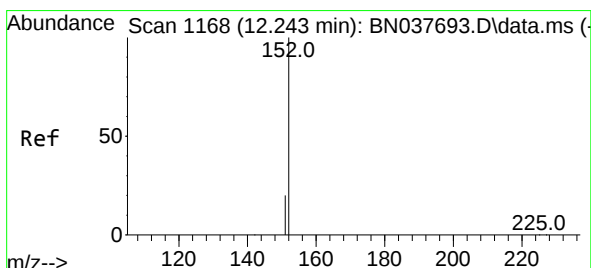
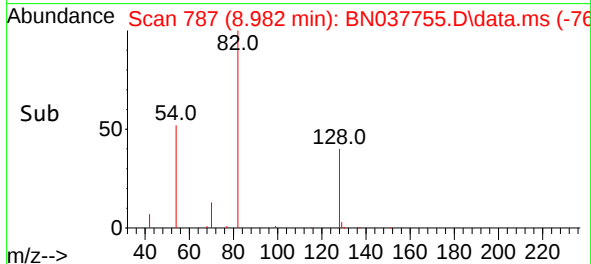
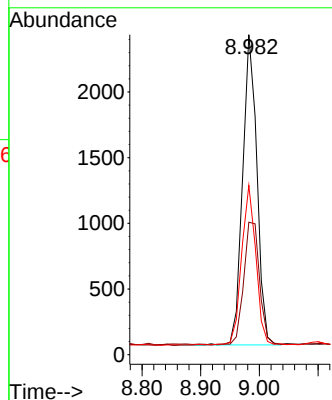
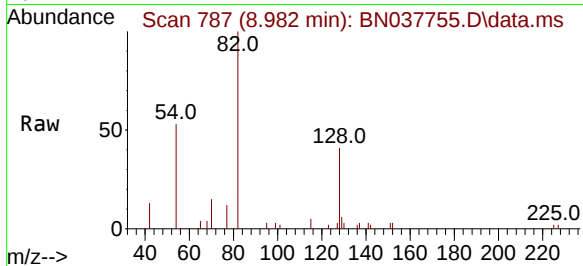




#8
Nitrobenzene-d5
Concen: 0.312 ng
RT: 8.982 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN037755.D
Acq: 17 Sep 2025 20:37

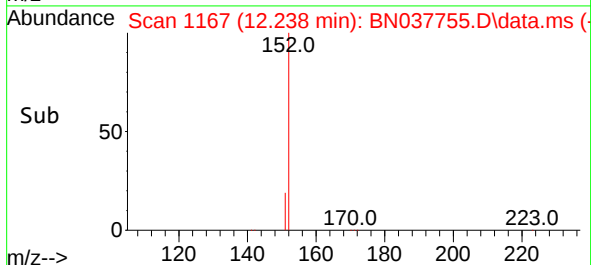
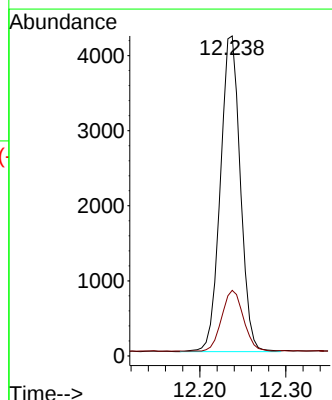
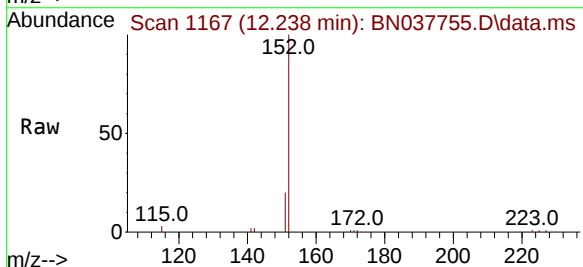
Instrument :
BNA_N
ClientSampleId :
MW17811-20250909

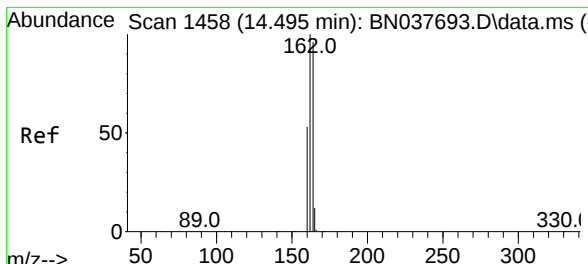
Tgt Ion: 82 Resp: 3998
Ion Ratio Lower Upper
82 100
128 41.4 38.3 57.5
54 52.9 41.4 62.2



#11
2-Methylnaphthalene-d10
Concen: 0.292 ng
RT: 12.238 min Scan# 1167
Delta R.T. -0.005 min
Lab File: BN037755.D
Acq: 17 Sep 2025 20:37

Tgt Ion: 152 Resp: 6784
Ion Ratio Lower Upper
152 100
151 21.0 17.0 25.6

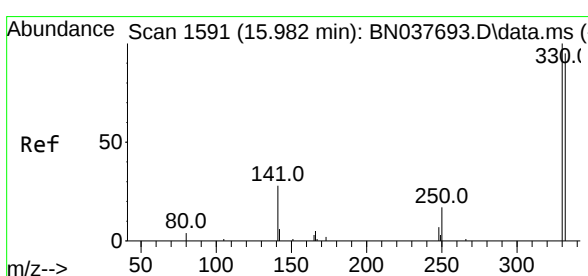
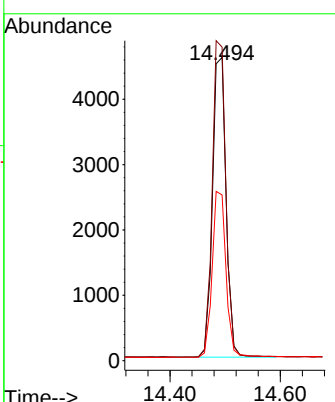
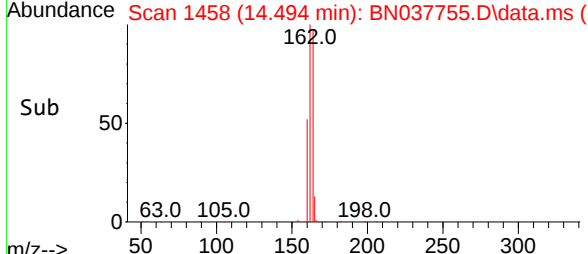
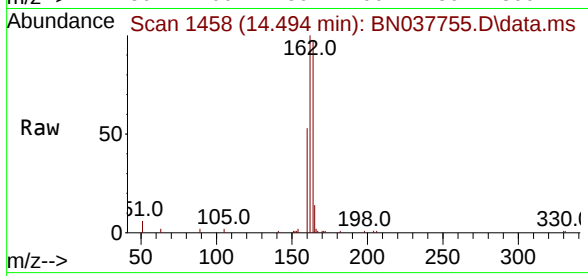




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.494 min Scan# 1458
 Delta R.T. -0.000 min
 Lab File: BN037755.D
 Acq: 17 Sep 2025 20:37

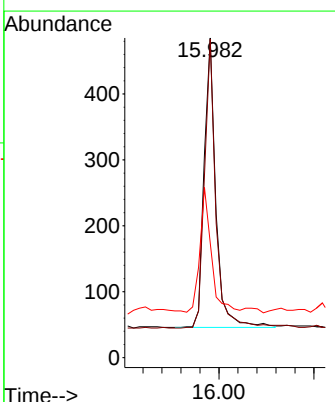
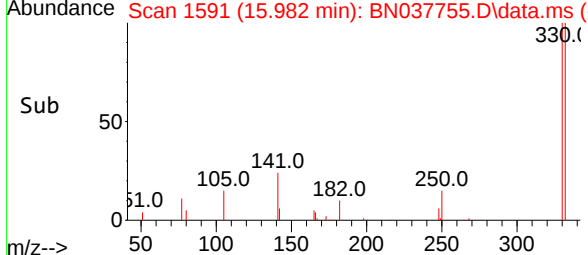
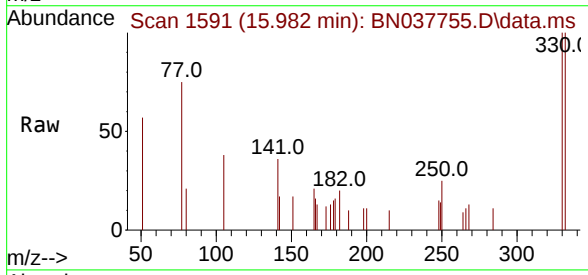
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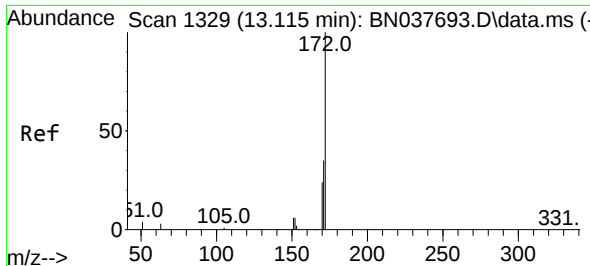
Tgt Ion:	164	Resp:	7818
Ion	Ratio	Lower	Upper
164	100		
162	103.5	83.1	124.7
160	54.7	44.3	66.5



#14
 2,4,6-Tribromophenol
 Concen: 0.370 ng
 RT: 15.982 min Scan# 1591
 Delta R.T. -0.000 min
 Lab File: BN037755.D
 Acq: 17 Sep 2025 20:37

Tgt Ion:	330	Resp:	754
Ion	Ratio	Lower	Upper
330	100		
332	96.6	75.3	112.9
141	43.4	35.0	52.4

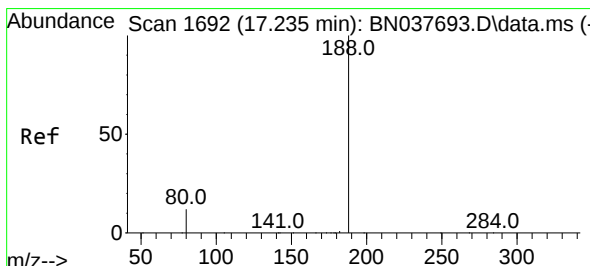
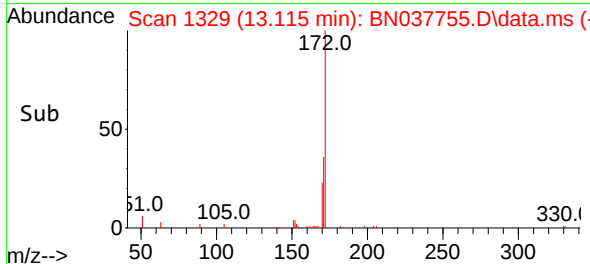
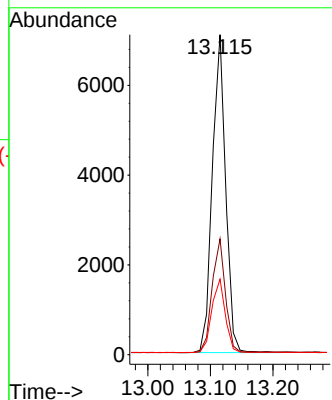
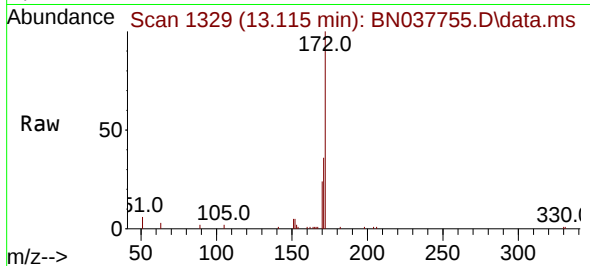




#15
2-Fluorobiphenyl
Concen: 0.320 ng
RT: 13.115 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN037755.D
Acq: 17 Sep 2025 20:37

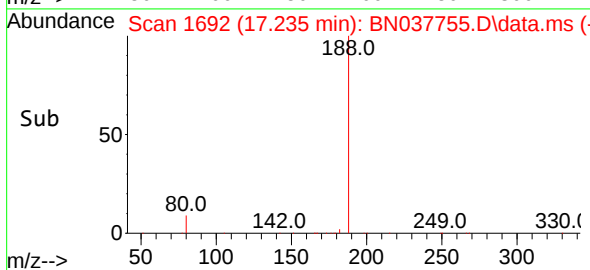
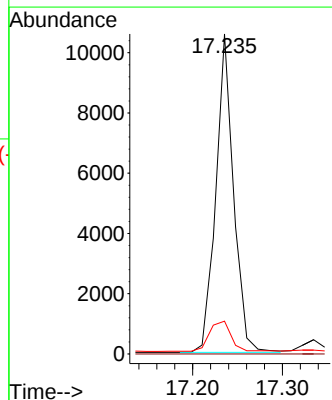
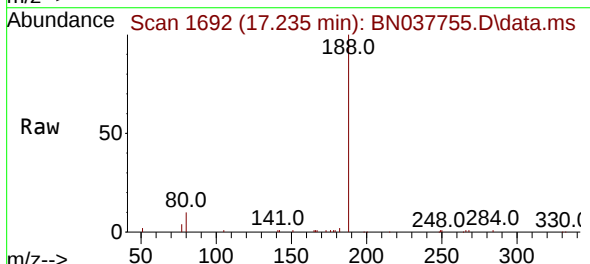
Instrument :
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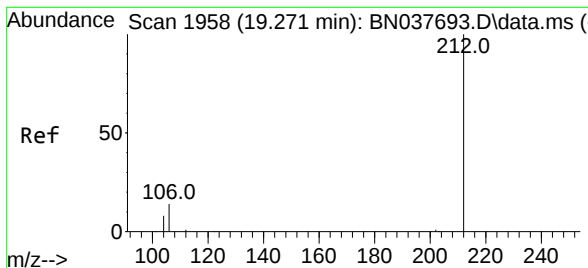
Tgt Ion:172	Resp:	10455
Ion Ratio	Lower	Upper
172	100	
171	36.2	28.6 43.0
170	23.6	19.8 29.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.235 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN037755.D
Acq: 17 Sep 2025 20:37

Tgt Ion:188	Resp:	14505
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	10.2	10.6 15.8





#27

Fluoranthene-d10

Concen: 0.364 ng

RT: 19.266 min Scan# 1957

Delta R.T. -0.005 min

Lab File: BN037755.D

Acq: 17 Sep 2025 20:37

Instrument :

BNA_N

ClientSampleId :

MW17811-20250909

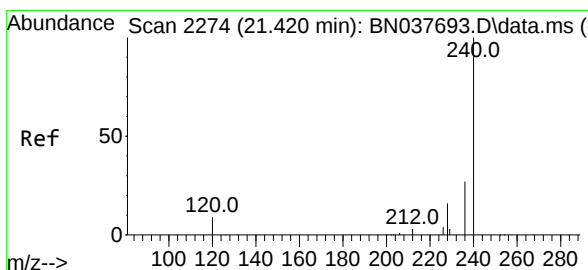
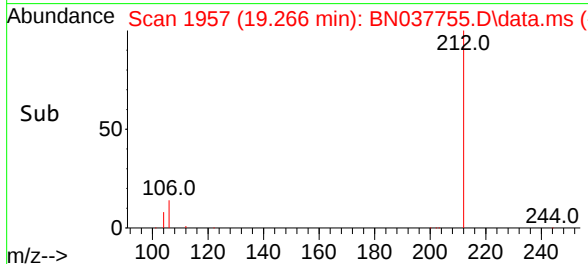
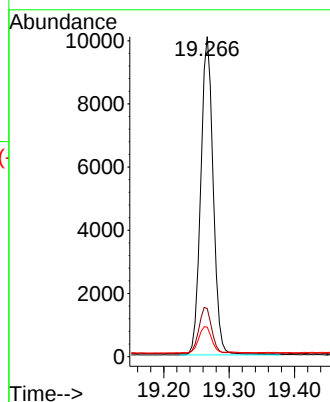
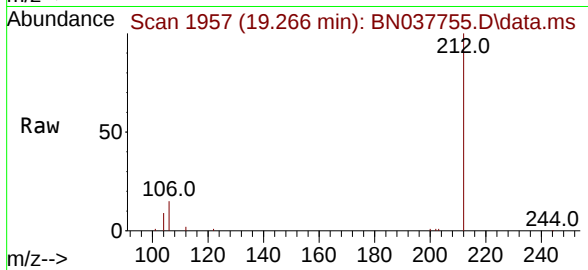
Tgt Ion:212 Resp: 13269

Ion Ratio Lower Upper

212 100

106 15.1 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: BN037755.D

Acq: 17 Sep 2025 20:37

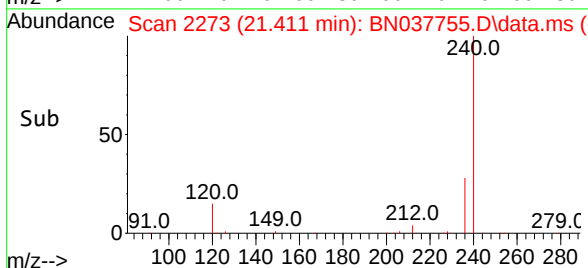
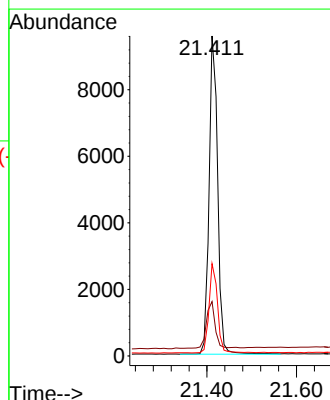
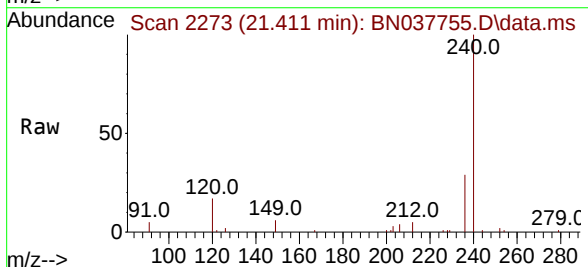
Tgt Ion:240 Resp: 12734

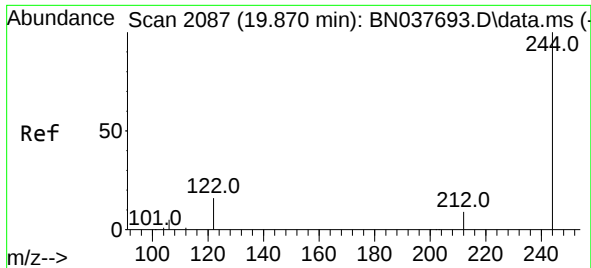
Ion Ratio Lower Upper

240 100

120 17.0 9.2 13.8#

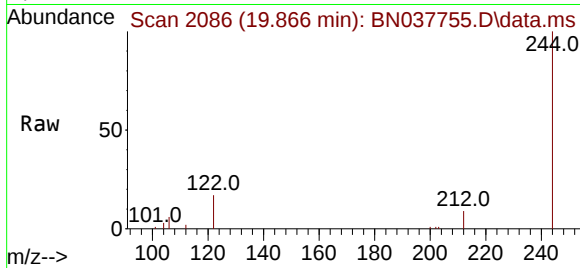
236 28.8 22.6 33.8



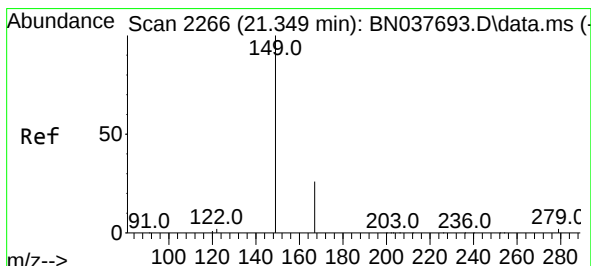
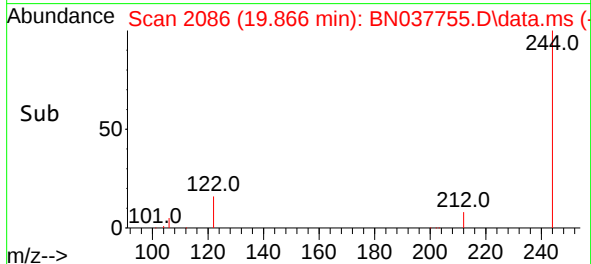
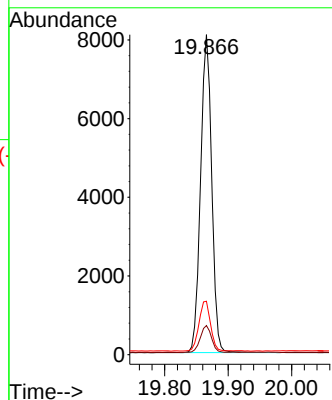


#31
 Terphenyl-d14
 Concen: 0.380 ng
 RT: 19.866 min Scan# 2087
 Delta R.T. -0.005 min
 Lab File: BN037755.D
 Acq: 17 Sep 2025 20:37

Instrument :
 BNA_N
 ClientSampleId :
 MW17811-20250909

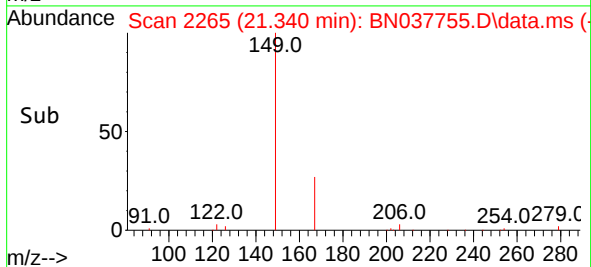
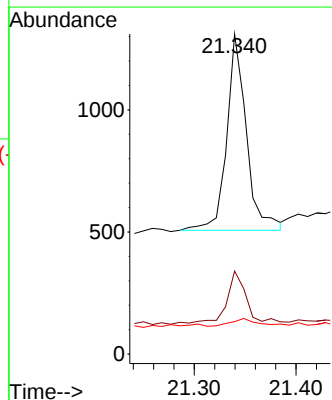
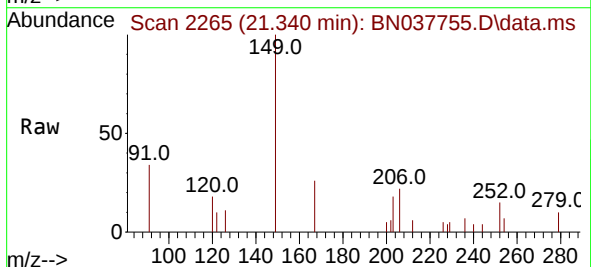


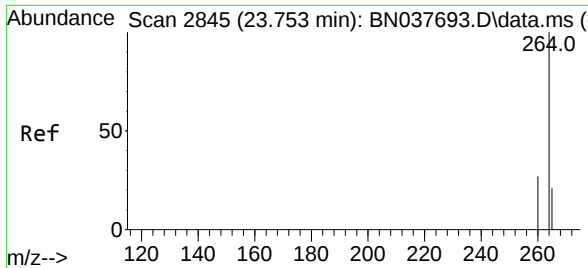
Tgt Ion:244 Resp: 9829
 Ion Ratio Lower Upper
 244 100
 212 9.1 7.5 11.3
 122 16.7 13.2 19.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.082 ng
 RT: 21.340 min Scan# 2265
 Delta R.T. -0.009 min
 Lab File: BN037755.D
 Acq: 17 Sep 2025 20:37

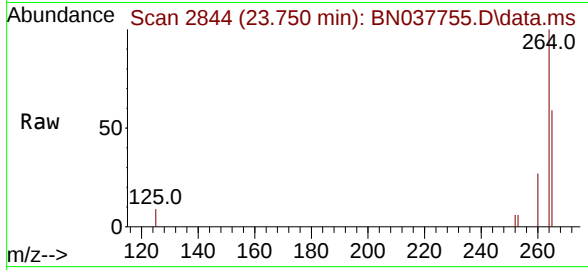
Tgt Ion:149 Resp: 1079
 Ion Ratio Lower Upper
 149 100
 167 25.2 20.8 31.2
 279 4.9 3.3 4.9





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.750 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN037755.D
Acq: 17 Sep 2025 20:37

Instrument :
BNA_N
ClientSampleId :
MW17811-20250909



Tgt Ion:264 Resp: 12709

Ion	Ratio	Lower	Upper
264	100		
260	27.1	21.8	32.8
265	59.4	39.4	59.2#

