

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091725\
 Data File : BN037769.D
 Acq On : 18 Sep 2025 08:47
 Operator : RC/JU
 Sample : Q3097-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE108D2-20250911

Quant Time: Sep 18 10:45:40 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)

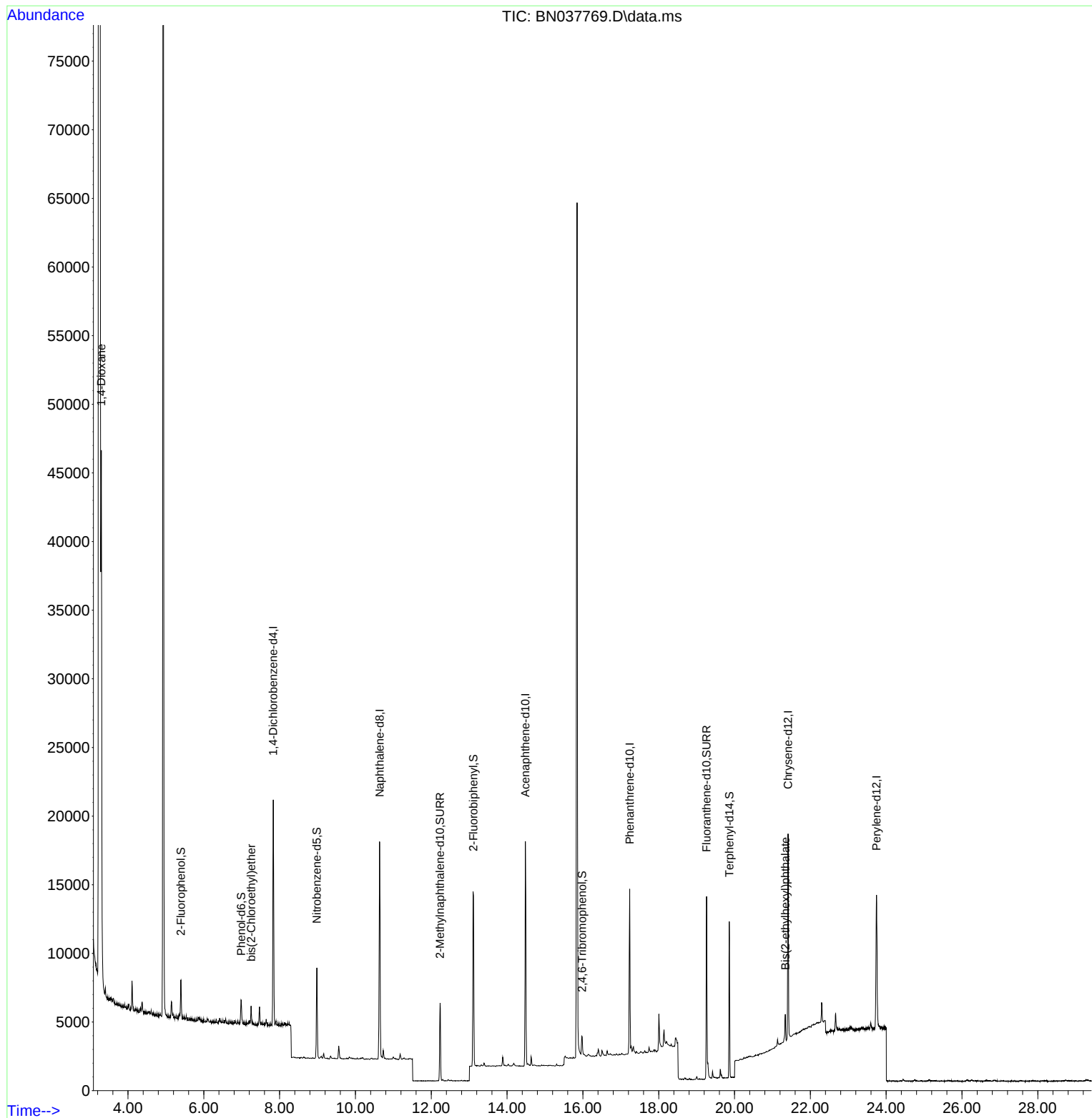
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	7633	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	20699	0.400	ng	-0.01
13) Acenaphthene-d10	14.484	164	9180	0.400	ng	-0.01
19) Phenanthrene-d10	17.235	188	15761	0.400	ng	# 0.00
29) Chrysene-d12	21.411	240	12936	0.400	ng	# 0.00
35) Perylene-d12	23.744	264	13802	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	2354	0.134	ng	0.00
5) Phenol-d6	6.988	99	1725	0.076	ng	0.00
8) Nitrobenzene-d5	8.982	82	4954	0.327	ng	-0.01
11) 2-Methylnaphthalene-d10	12.233	152	7708	0.281	ng	-0.01
14) 2,4,6-Tribromophenol	15.982	330	947	0.396	ng	0.00
15) 2-Fluorobiphenyl	13.115	172	12078	0.315	ng	0.00
27) Fluoranthene-d10	19.262	212	14465	0.366	ng	0.00
31) Terphenyl-d14	19.861	244	10438	0.398	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.297	88	16466	2.071	ng	96
6) bis(2-Chloroethyl)ether	7.248	93	816	0.040	ng	96
34) Bis(2-ethylhexyl)phtha...	21.340	149	2243	0.168	ng	97

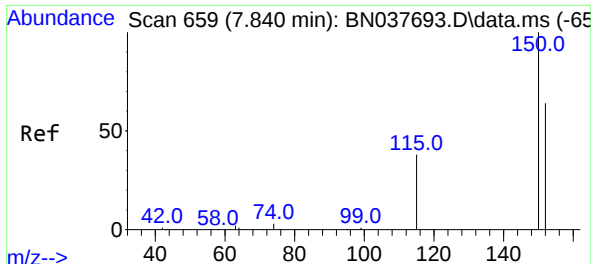
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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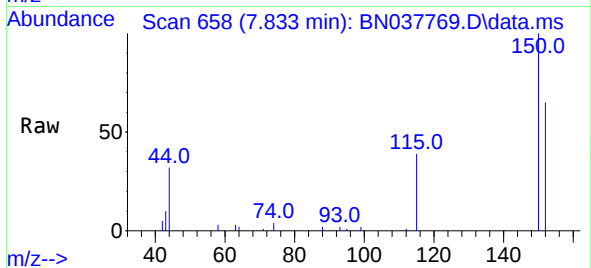
Quant Time: Sep 18 10:45:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration





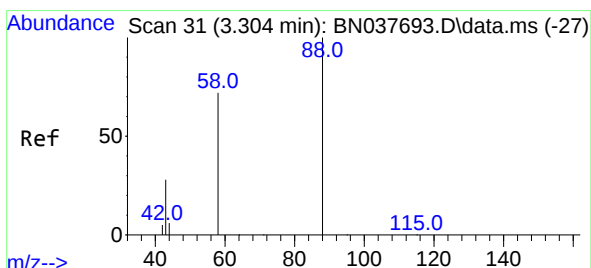
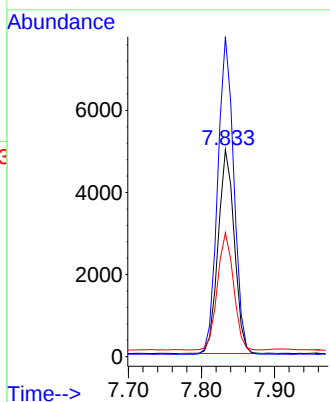
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.833 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037769.D
 Acq: 18 Sep 2025 08:47

Instrument :
 BNA_N
 ClientSampleId :
 RE108D2-20250911



Tgt Ion:152 Resp: 7633

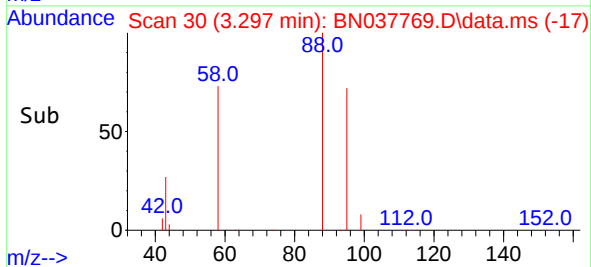
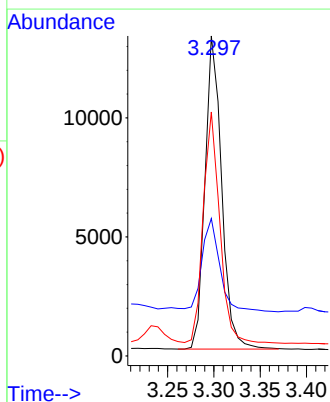
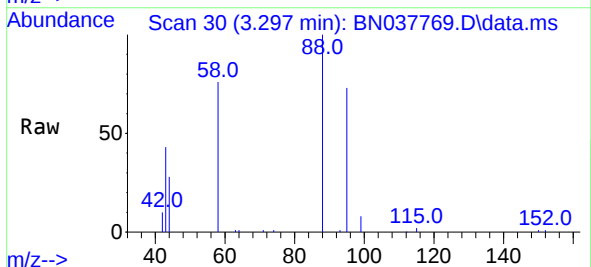
Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.5	186.7
115	59.9	49.2	73.8



#2
 1,4-Dioxane
 Concen: 2.071 ng
 RT: 3.297 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN037769.D
 Acq: 18 Sep 2025 08:47

Tgt Ion: 88 Resp: 16466

Ion	Ratio	Lower	Upper
88	100		
43	32.0	26.8	40.2
58	72.9	61.9	92.9

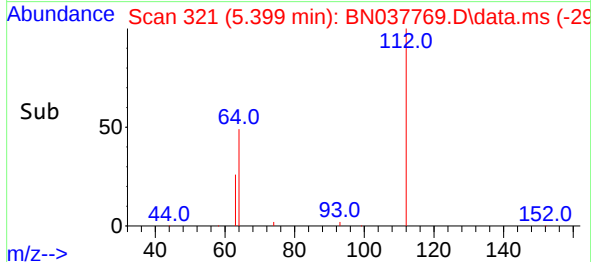
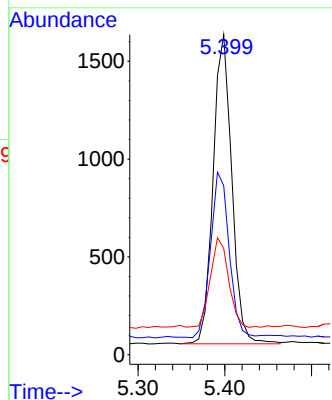
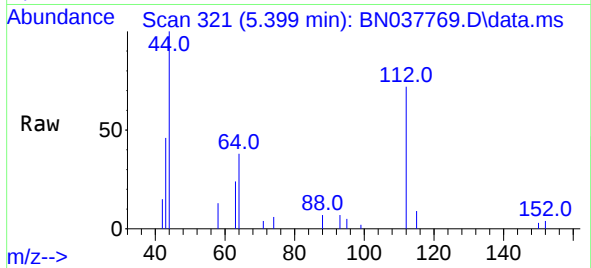




#4
2-Fluorophenol
Concen: 0.134 ng
RT: 5.399 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN037769.D
Acq: 18 Sep 2025 08:47

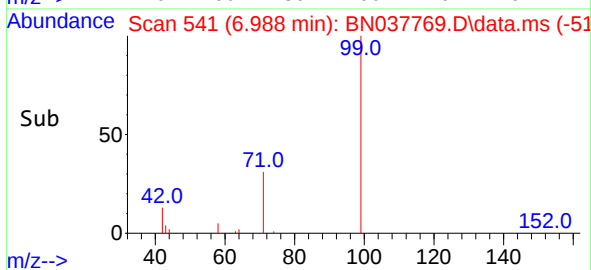
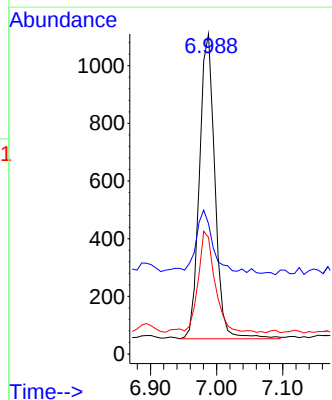
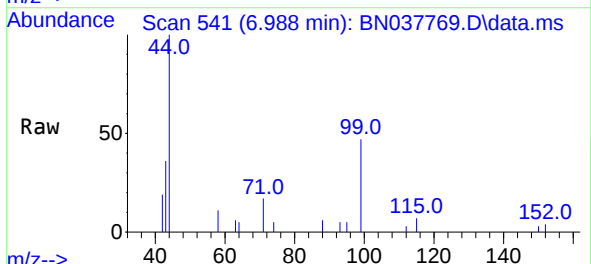
Instrument :
BNA_N
ClientSampleId :
RE108D2-20250911

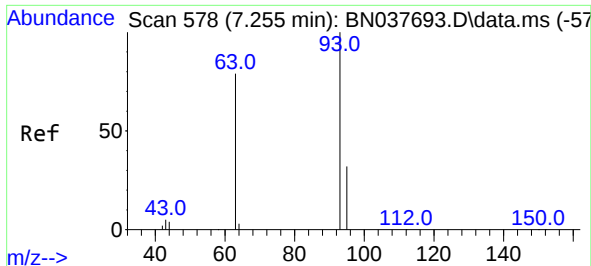
Tgt Ion:112 Resp: 2354
Ion Ratio Lower Upper
112 100
64 53.4 44.9 67.3
63 28.0 24.7 37.1



#5
Phenol-d6
Concen: 0.076 ng
RT: 6.988 min Scan# 541
Delta R.T. -0.000 min
Lab File: BN037769.D
Acq: 18 Sep 2025 08:47

Tgt Ion: 99 Resp: 1725
Ion Ratio Lower Upper
99 100
42 20.9 16.6 24.8
71 37.3 26.7 40.1

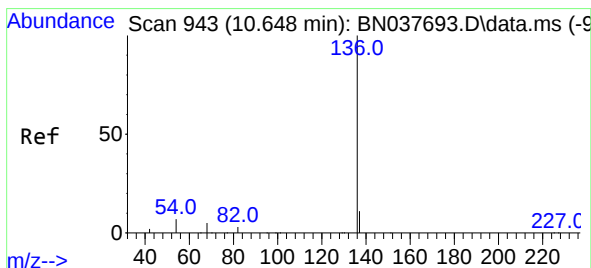
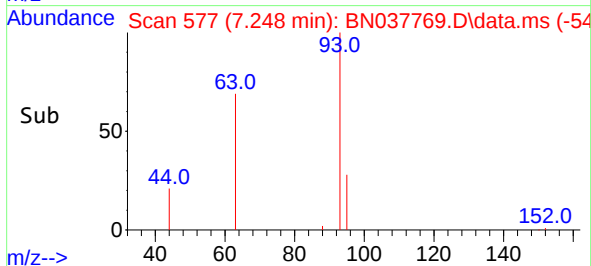
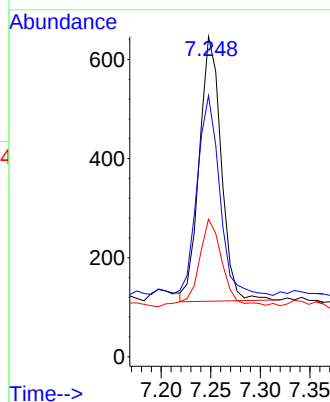
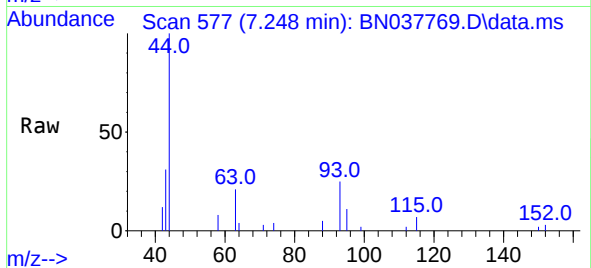




#6
bis(2-Chloroethyl)ether
Concen: 0.040 ng
RT: 7.248 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN037769.D
Acq: 18 Sep 2025 08:47

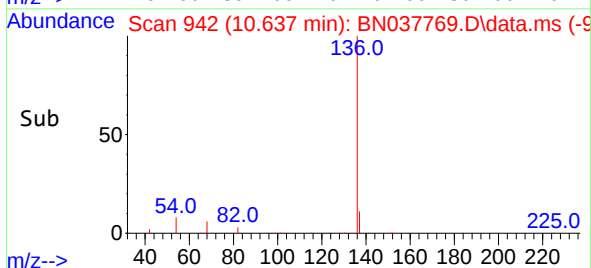
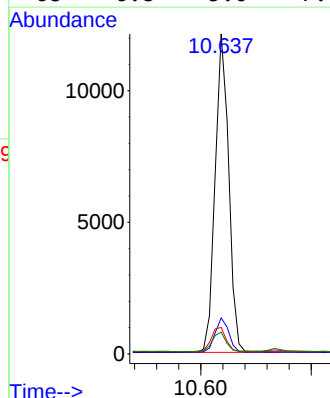
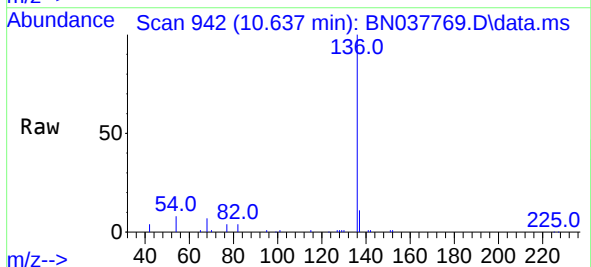
Instrument :
BNA_N
ClientSampleId :
RE108D2-20250911

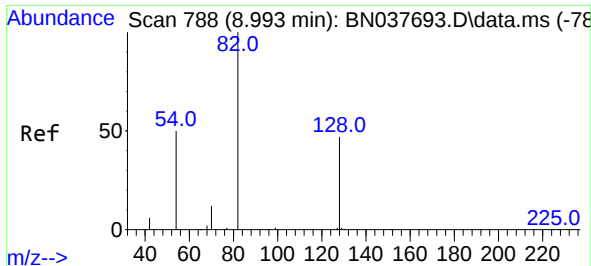
Tgt Ion:	93	Resp:	816
Ion	Ratio	Lower	Upper
93	100		
63	78.1	60.6	90.8
95	36.2	26.0	39.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 942
Delta R.T. -0.011 min
Lab File: BN037769.D
Acq: 18 Sep 2025 08:47

Tgt Ion:	136	Resp:	20699
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	8.3	6.3	9.5
68	6.8	5.0	7.4

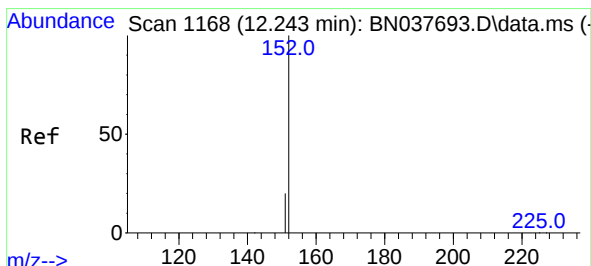
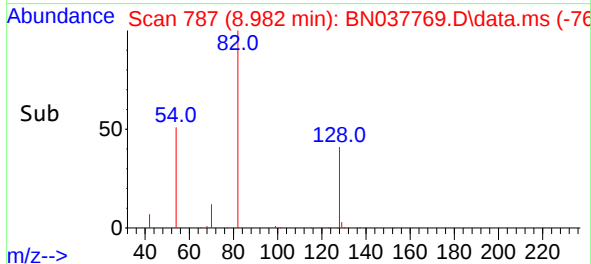
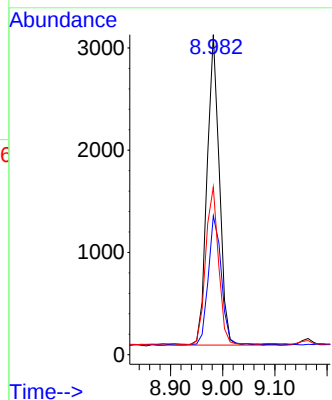
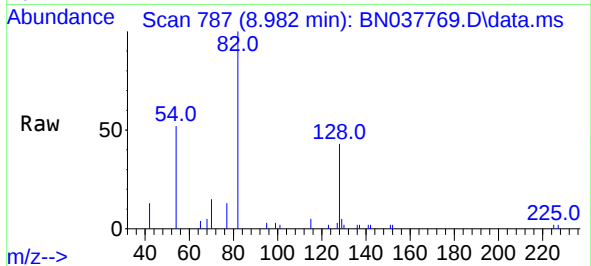




#8
Nitrobenzene-d5
Concen: 0.327 ng
RT: 8.982 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN037769.D
Acq: 18 Sep 2025 08:47

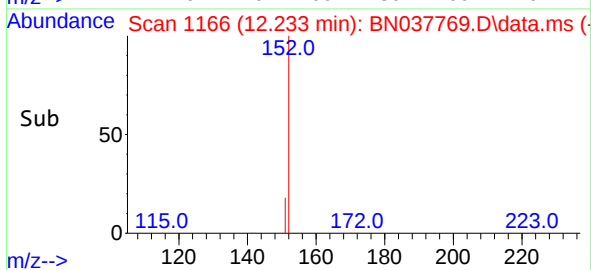
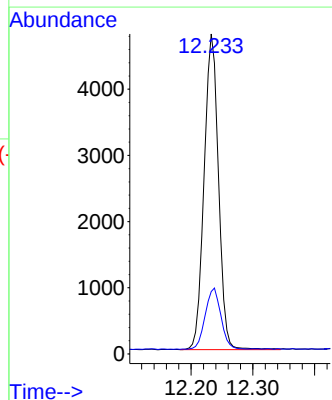
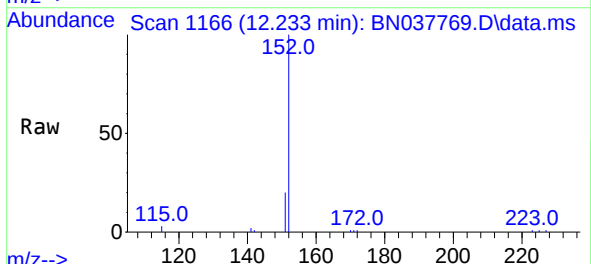
Instrument :
BNA_N
ClientSampleId :
RE108D2-20250911

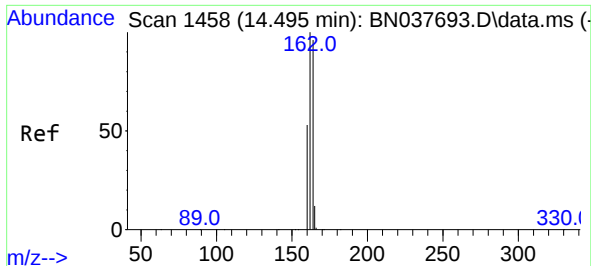
Tgt Ion: 82 Resp: 4954
Ion Ratio Lower Upper
82 100
128 43.4 38.3 57.5
54 52.4 41.4 62.2



#11
2-Methylnaphthalene-d10
Concen: 0.281 ng
RT: 12.233 min Scan# 1166
Delta R.T. -0.010 min
Lab File: BN037769.D
Acq: 18 Sep 2025 08:47

Tgt Ion: 152 Resp: 7708
Ion Ratio Lower Upper
152 100
151 21.2 17.0 25.6

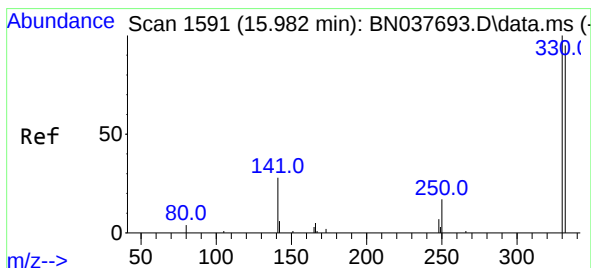
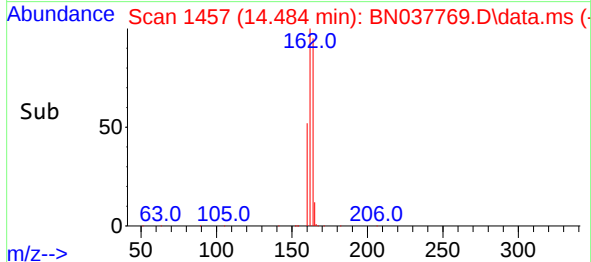
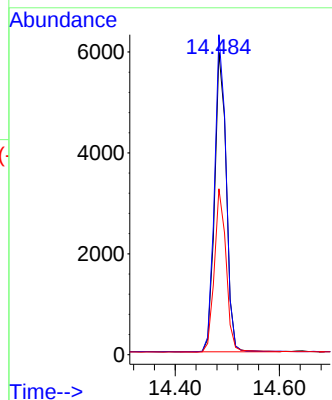
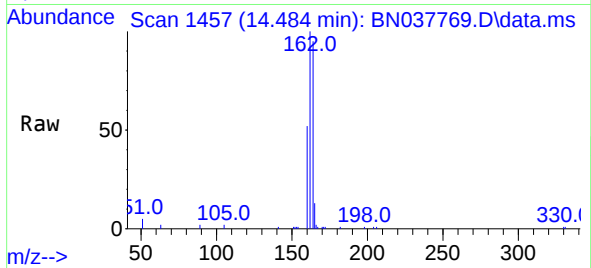




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1457
Delta R.T. -0.011 min
Lab File: BN037769.D
Acq: 18 Sep 2025 08:47

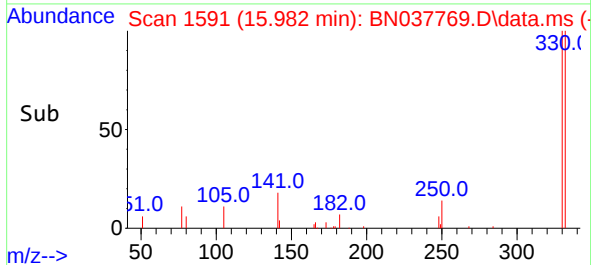
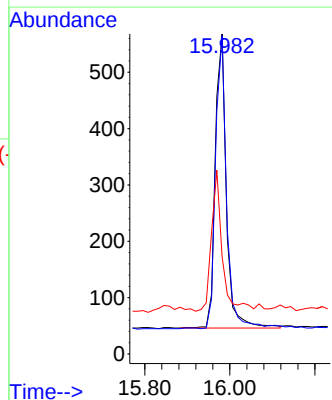
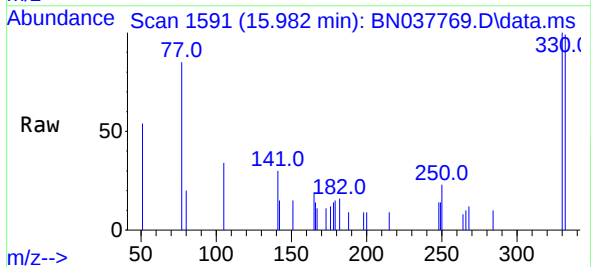
Instrument :
BNA_N
ClientSampleId :
RE108D2-20250911

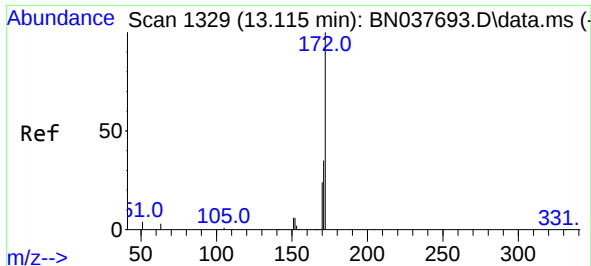
Tgt Ion:164 Resp: 9180
Ion Ratio Lower Upper
164 100
162 105.8 83.1 124.7
160 54.9 44.3 66.5



#14
2,4,6-Tribromophenol
Concen: 0.396 ng
RT: 15.982 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BN037769.D
Acq: 18 Sep 2025 08:47

Tgt Ion:330 Resp: 947
Ion Ratio Lower Upper
330 100
332 98.4 75.3 112.9
141 46.0 35.0 52.4

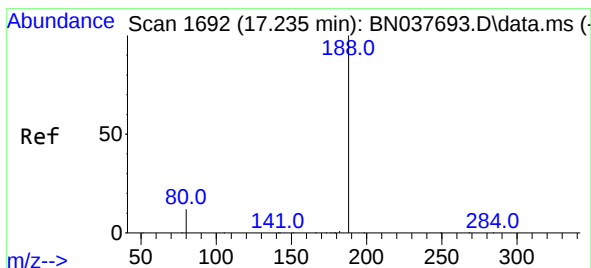
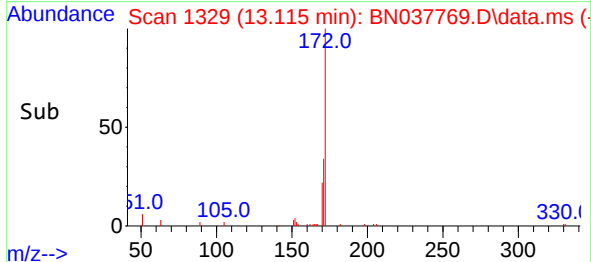
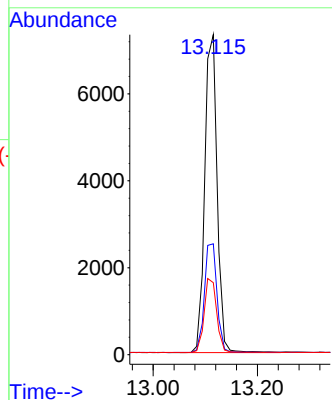
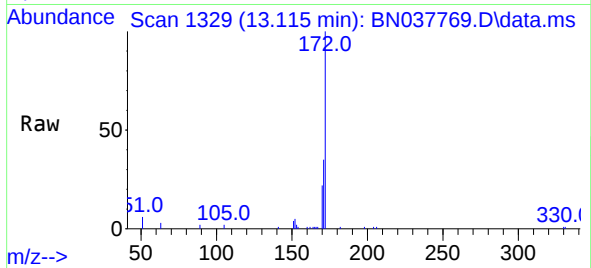




#15
2-Fluorobiphenyl
Concen: 0.315 ng
RT: 13.115 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN037769.D
Acq: 18 Sep 2025 08:47

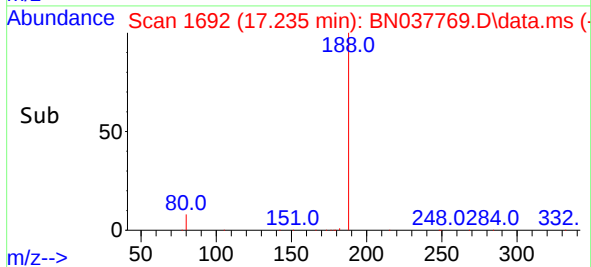
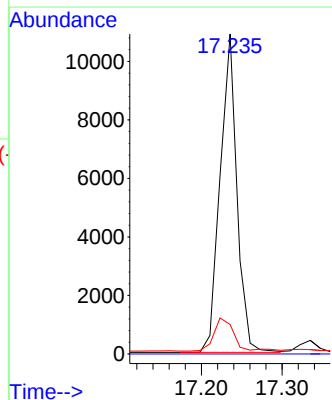
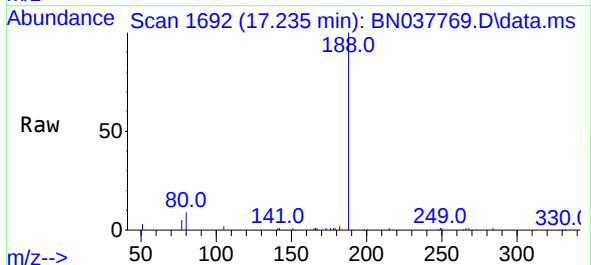
Instrument :
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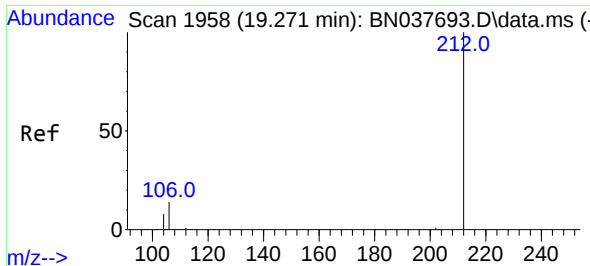
Tgt Ion:172 Resp: 12078
Ion Ratio Lower Upper
172 100
171 34.7 28.6 43.0
170 22.5 19.8 29.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.235 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN037769.D
Acq: 18 Sep 2025 08:47

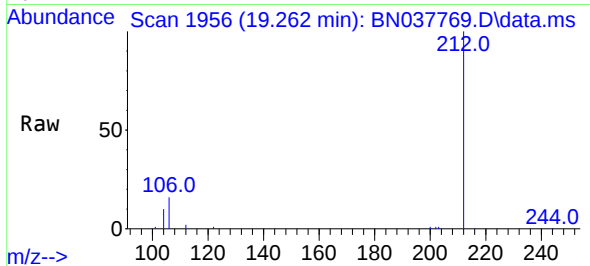
Tgt Ion:188 Resp: 15761
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.2 10.6 15.8#



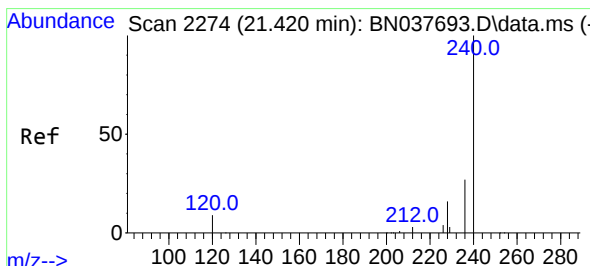
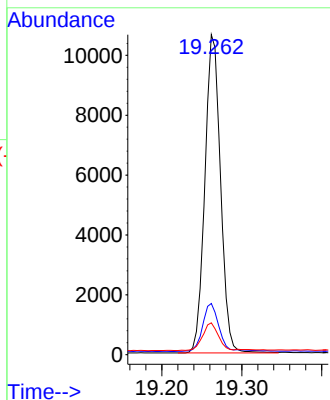
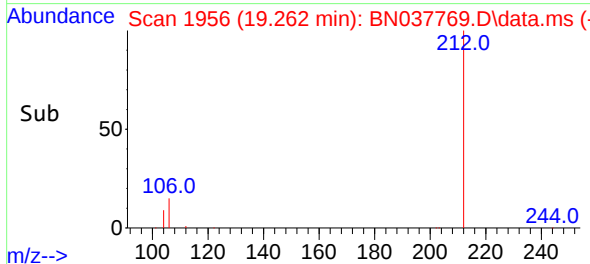


#27
Fluoranthene-d10
Concen: 0.366 ng
RT: 19.262 min Scan# 1956
Delta R.T. -0.009 min
Lab File: BN037769.D
Acq: 18 Sep 2025 08:47

Instrument :
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RE108D2-20250911

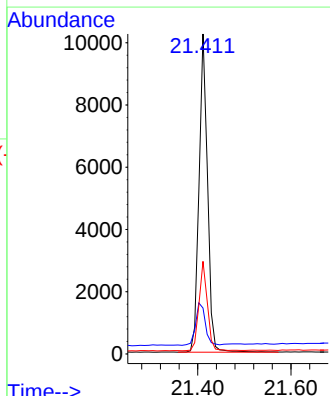
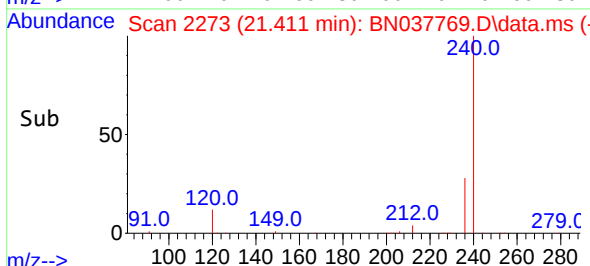
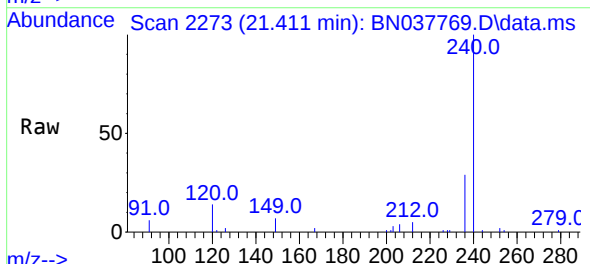


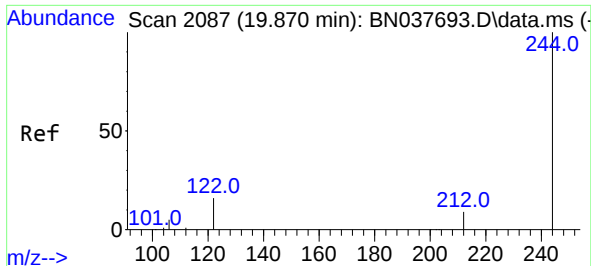
Tgt Ion:212 Resp: 14465
Ion Ratio Lower Upper
212 100
106 16.0 12.2 18.2
104 8.6 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.411 min Scan# 2273
Delta R.T. -0.009 min
Lab File: BN037769.D
Acq: 18 Sep 2025 08:47

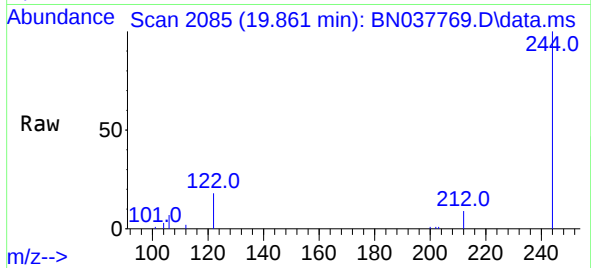
Tgt Ion:240 Resp: 12936
Ion Ratio Lower Upper
240 100
120 14.4 9.2 13.8#
236 29.0 22.6 33.8



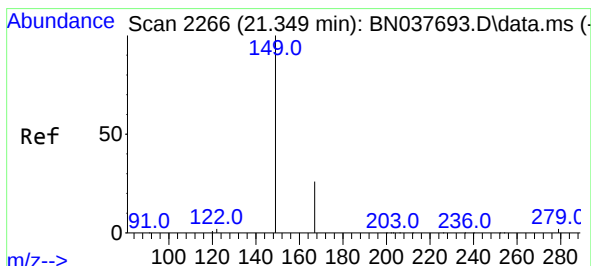
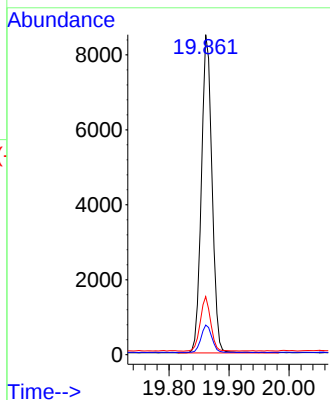
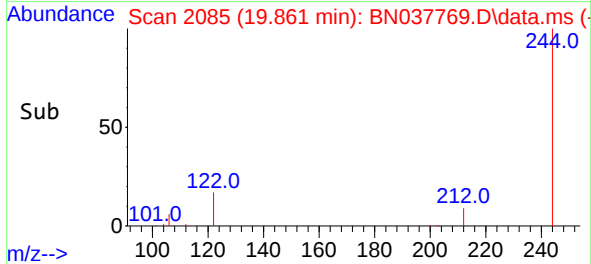


#31
Terphenyl-d14
Concen: 0.398 ng
RT: 19.861 min Scan# 2085
Delta R.T. -0.009 min
Lab File: BN037769.D
Acq: 18 Sep 2025 08:47

Instrument :
BNA_N
ClientSampleId :
RE108D2-20250911

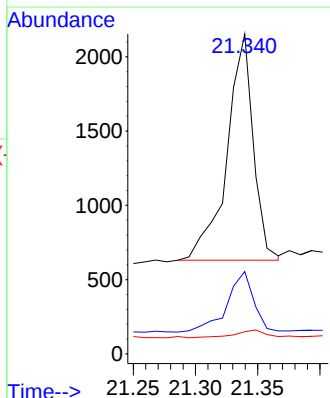
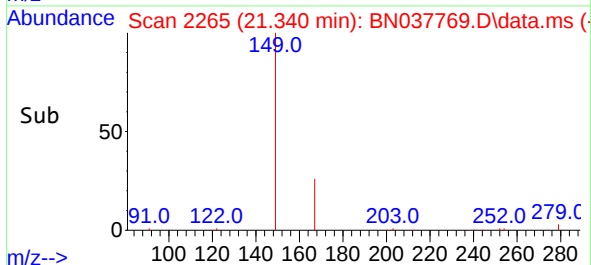
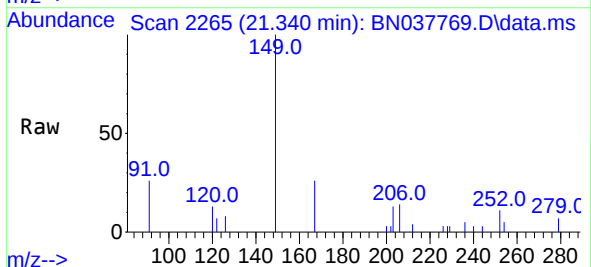


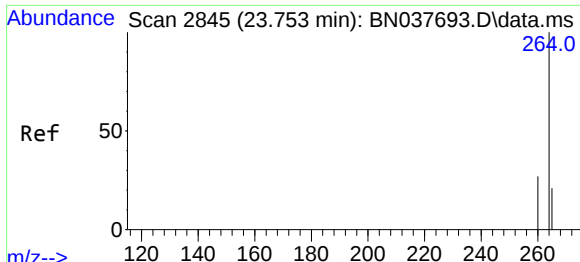
Tgt Ion:244 Resp: 10438
Ion Ratio Lower Upper
244 100
212 9.3 7.5 11.3
122 18.2 13.2 19.8



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.168 ng
RT: 21.340 min Scan# 2265
Delta R.T. -0.009 min
Lab File: BN037769.D
Acq: 18 Sep 2025 08:47

Tgt Ion:149 Resp: 2243
Ion Ratio Lower Upper
149 100
167 27.4 20.8 31.2
279 4.5 3.3 4.9





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.744 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037769.D
Acq: 18 Sep 2025 08:47

Instrument :
BNA_N
ClientSampleId :
RE108D2-20250911

Tgt Ion:264	Resp:	13802
Ion	Ratio	Lower Upper
264	100	
260	26.6	21.8 32.8
265	63.9	39.4 59.2#

