

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091725\
 Data File : BN037766.D
 Acq On : 18 Sep 2025 06:59
 Operator : RC/JU
 Sample : Q3095-18
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE126D2-20250909

Quant Time: Sep 18 07:55:18 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)

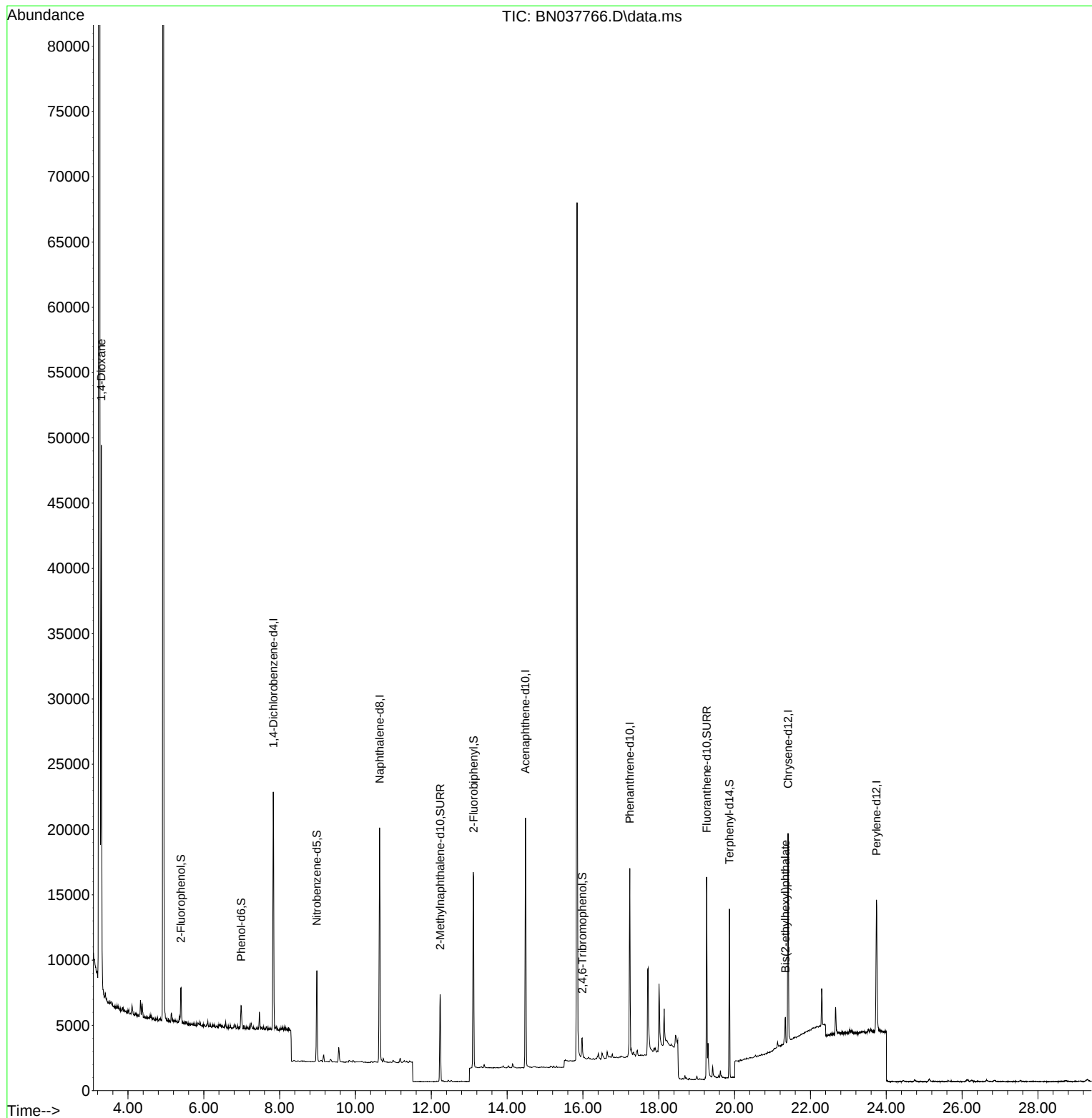
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	8399	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	23335	0.400	ng	-0.01
13) Acenaphthene-d10	14.484	164	10732	0.400	ng	-0.01
19) Phenanthrene-d10	17.236	188	18615	0.400	ng	# 0.00
29) Chrysene-d12	21.411	240	13639	0.400	ng	0.00
35) Perylene-d12	23.745	264	14319	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	2304	0.119	ng	0.00
5) Phenol-d6	6.988	99	1698	0.068	ng	0.00
8) Nitrobenzene-d5	8.982	82	5216	0.306	ng	-0.01
11) 2-Methylnaphthalene-d10	12.233	152	8958	0.290	ng	-0.01
14) 2,4,6-Tribromophenol	15.982	330	1036	0.370	ng	0.00
15) 2-Fluorobiphenyl	13.116	172	14218	0.317	ng	0.00
27) Fluoranthene-d10	19.262	212	16425	0.351	ng	0.00
31) Terphenyl-d14	19.861	244	11960	0.432	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.297	88	22522	2.574	ng	96
34) Bis(2-ethylhexyl)phtha...	21.340	149	2756	0.195	ng	96

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

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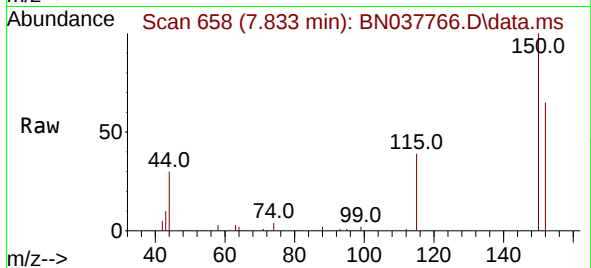
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



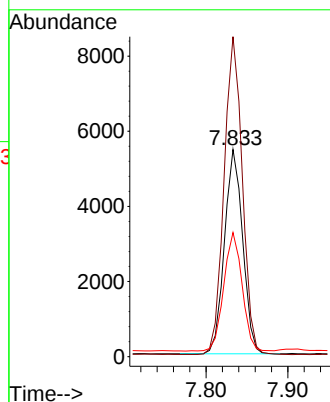
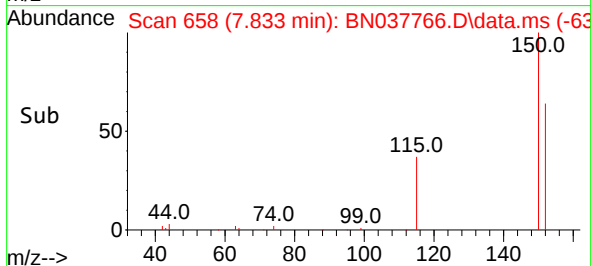


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.833 min Scan# 6
 Delta R.T. -0.007 min
 Lab File: BN037766.D
 Acq: 18 Sep 2025 06:59

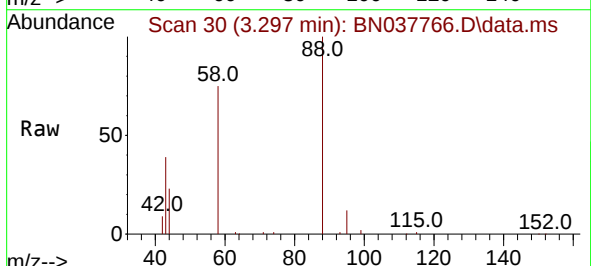
Instrument :
 BNA_N
 ClientSampleId :
 RE126D2-20250909



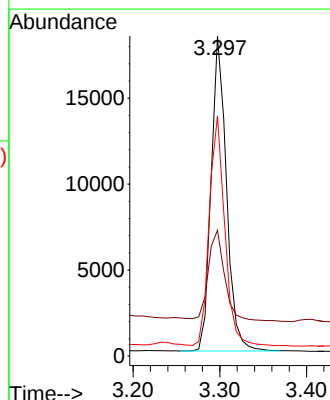
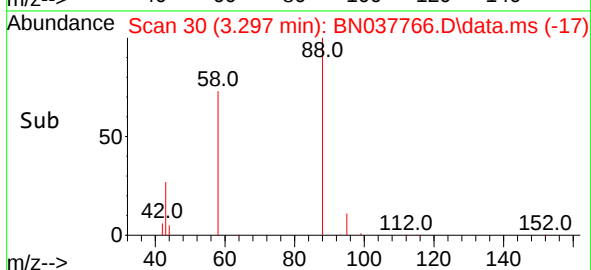
Tgt Ion:152 Resp: 8399
 Ion Ratio Lower Upper
 152 100
 150 154.5 124.5 186.7
 115 59.9 49.2 73.8



#2
 1,4-Dioxane
 Concen: 2.574 ng
 RT: 3.297 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN037766.D
 Acq: 18 Sep 2025 06:59



Tgt Ion: 88 Resp: 22522
 Ion Ratio Lower Upper
 88 100
 43 31.1 26.8 40.2
 58 73.4 61.9 92.9

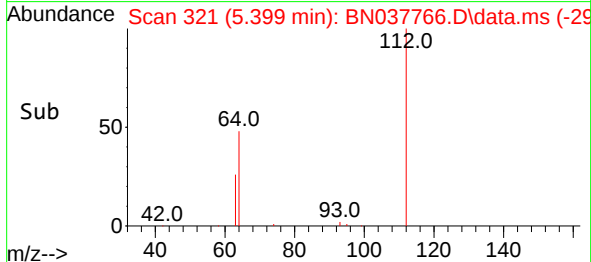
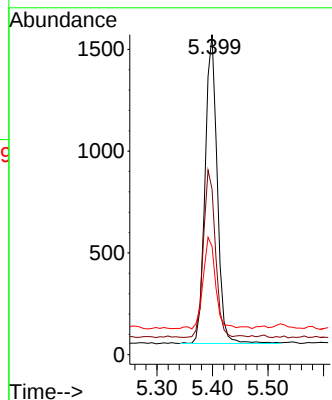
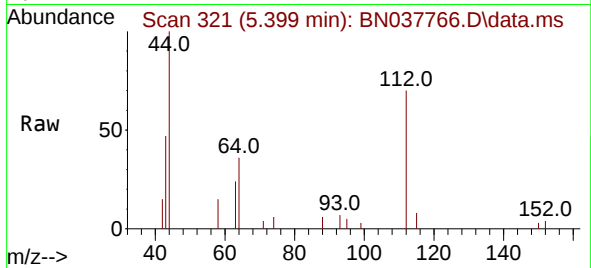




#4
2-Fluorophenol
Concen: 0.119 ng
RT: 5.399 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN037766.D
Acq: 18 Sep 2025 06:59

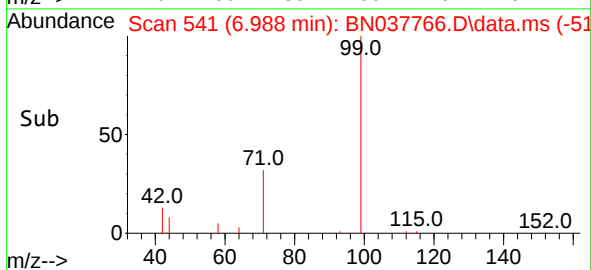
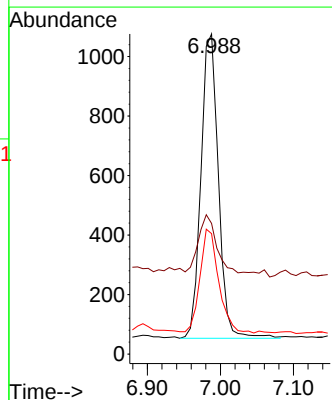
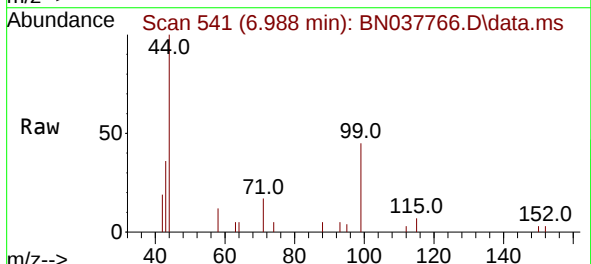
Instrument :
BNA_N
ClientSampleId :
RE126D2-20250909

Tgt Ion:112 Resp: 2304
Ion Ratio Lower Upper
112 100
64 53.8 44.9 67.3
63 29.9 24.7 37.1



#5
Phenol-d6
Concen: 0.068 ng
RT: 6.988 min Scan# 541
Delta R.T. 0.000 min
Lab File: BN037766.D
Acq: 18 Sep 2025 06:59

Tgt Ion: 99 Resp: 1698
Ion Ratio Lower Upper
99 100
42 20.7 16.6 24.8
71 36.6 26.7 40.1

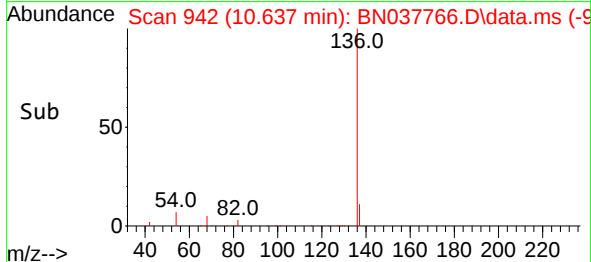
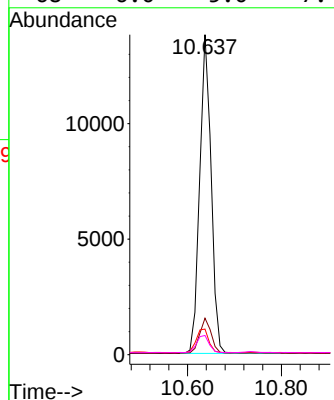
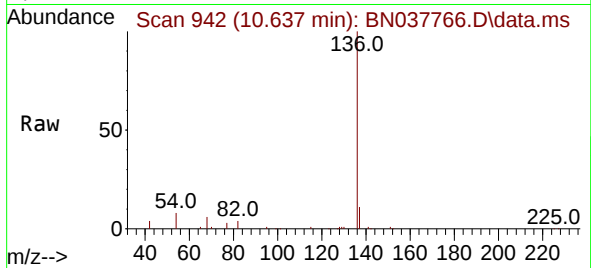




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037766.D
Acq: 18 Sep 2025 06:59

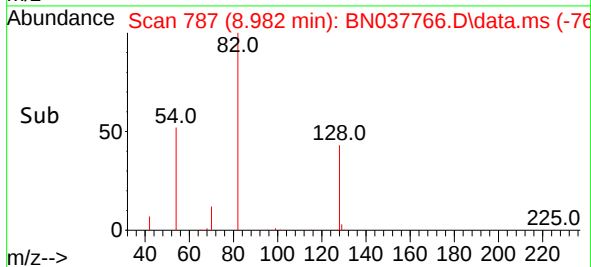
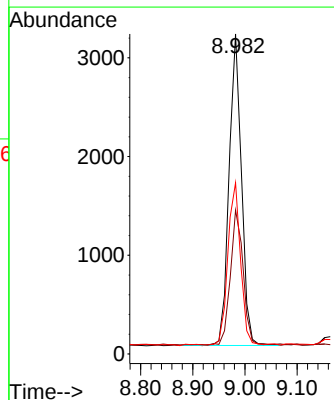
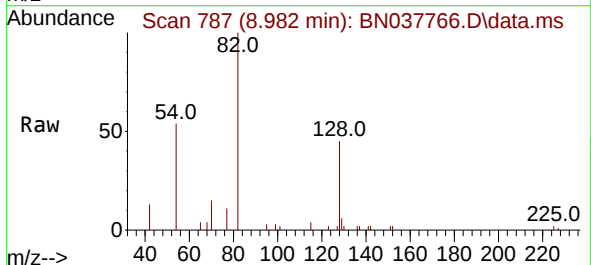
Instrument :
BNA_N
ClientSampleId :
RE126D2-20250909

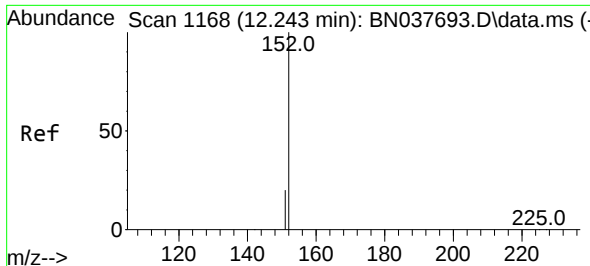
Tgt Ion:	136	Resp:	23335
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.1	13.7
54	8.0	6.3	9.5
68	6.0	5.0	7.4



#8
Nitrobenzene-d5
Concen: 0.306 ng
RT: 8.982 min Scan# 787
Delta R.T. -0.011 min
Lab File: BN037766.D
Acq: 18 Sep 2025 06:59

Tgt Ion:	82	Resp:	5216
Ion Ratio	Lower	Upper	
82	100		
128	44.9	38.3	57.5
54	53.5	41.4	62.2

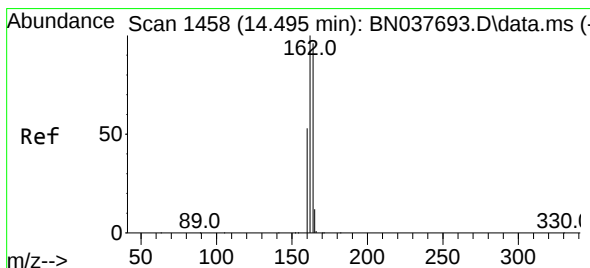
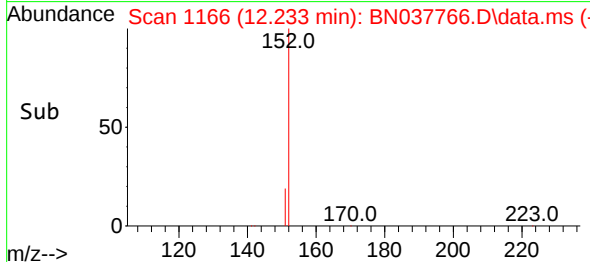
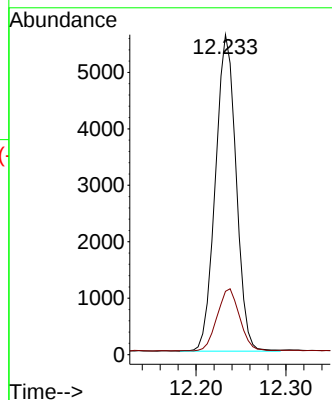
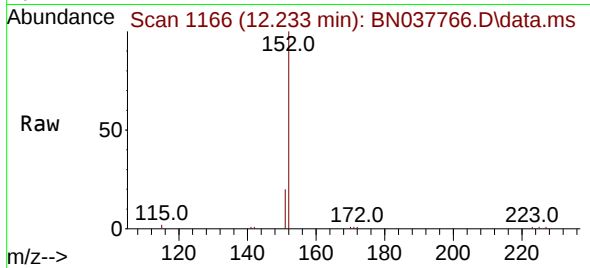




#11
2-Methylnaphthalene-d10
Concen: 0.290 ng
RT: 12.233 min Scan# 1166
Delta R.T. -0.010 min
Lab File: BN037766.D
Acq: 18 Sep 2025 06:59

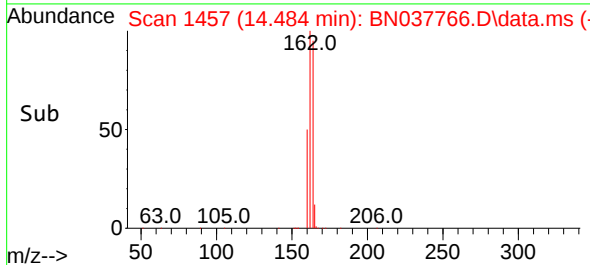
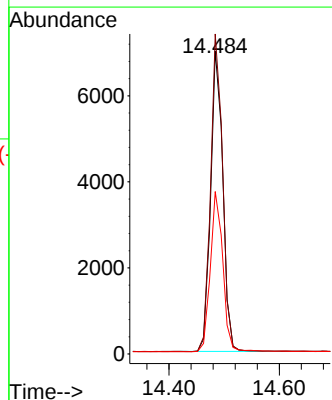
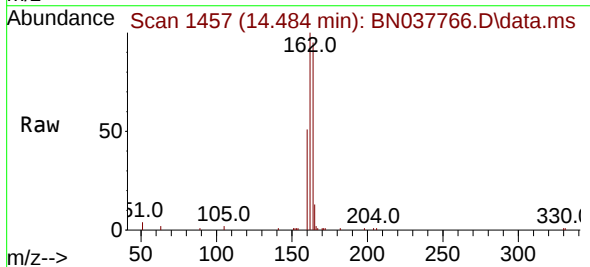
Instrument :
BNA_N
ClientSampleId :
RE126D2-20250909

Tgt Ion:152 Resp: 8958
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: BN037766.D
Acq: 18 Sep 2025 06:59

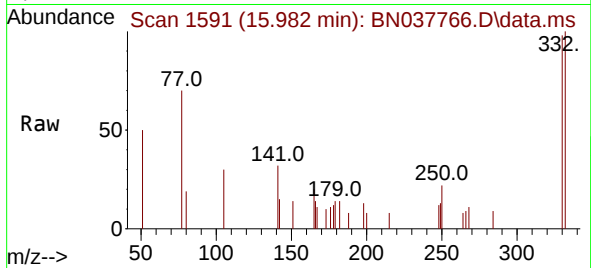
Tgt Ion:164 Resp: 10732
Ion Ratio Lower Upper
164 100
162 105.6 83.1 124.7
160 53.6 44.3 66.5



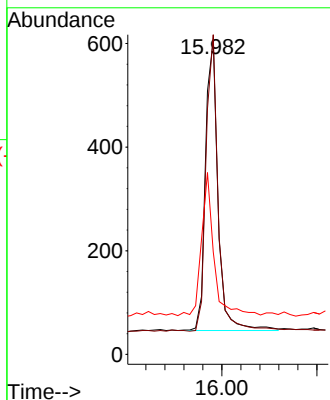
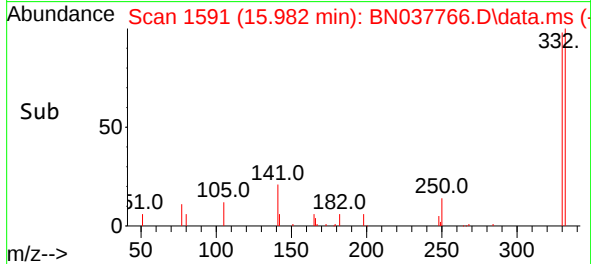


#14
2,4,6-Tribromophenol
Concen: 0.370 ng
RT: 15.982 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BN037766.D
Acq: 18 Sep 2025 06:59

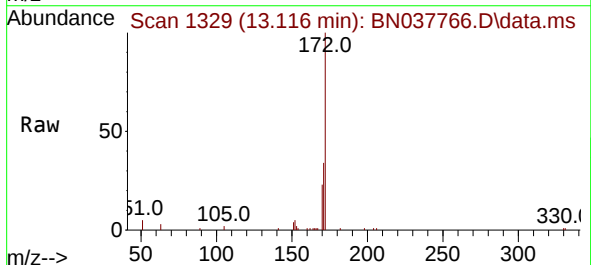
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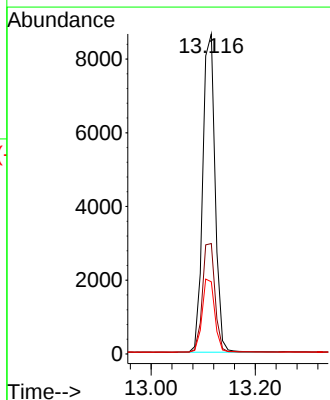
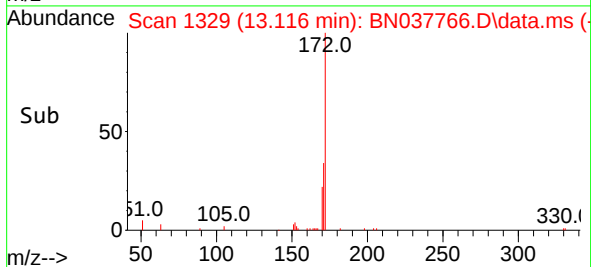
Tgt Ion:330 Resp: 1036
Ion Ratio Lower Upper
330 100
332 98.0 75.3 112.9
141 47.9 35.0 52.4



#15
2-Fluorobiphenyl
Concen: 0.317 ng
RT: 13.116 min Scan# 1329
Delta R.T. 0.000 min
Lab File: BN037766.D
Acq: 18 Sep 2025 06:59



Tgt Ion:172 Resp: 14218
Ion Ratio Lower Upper
172 100
171 34.5 28.6 43.0
170 22.5 19.8 29.8

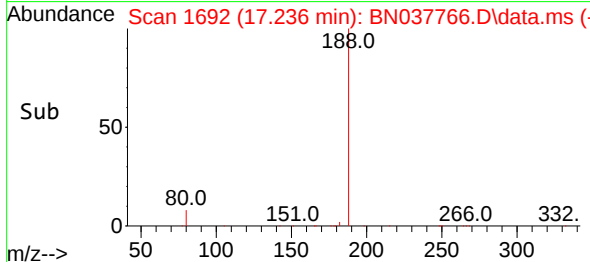
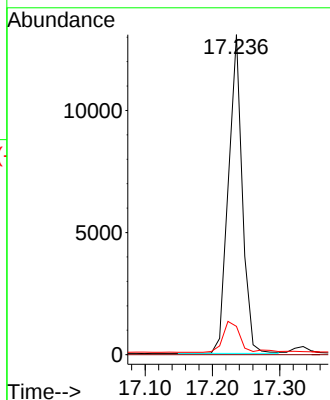
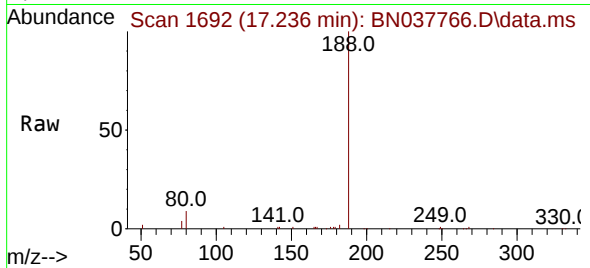




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.236 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BN037766.D
Acq: 18 Sep 2025 06:59

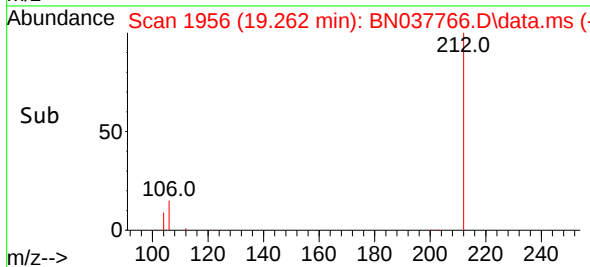
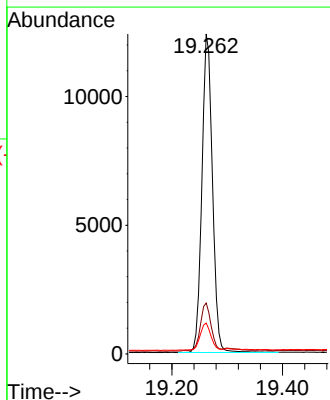
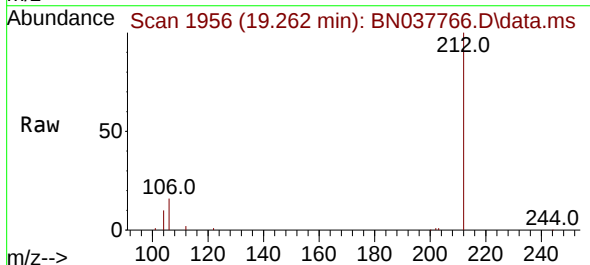
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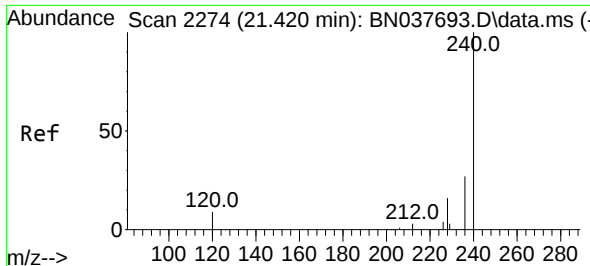
Tgt Ion:188 Resp: 18615
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.9 10.6 15.8#



#27
Fluoranthene-d10
Concen: 0.351 ng
RT: 19.262 min Scan# 1956
Delta R.T. -0.009 min
Lab File: BN037766.D
Acq: 18 Sep 2025 06:59

Tgt Ion:212 Resp: 16425
Ion Ratio Lower Upper
212 100
106 15.7 12.2 18.2
104 8.8 6.9 10.3

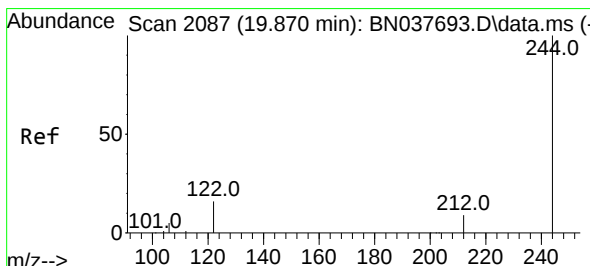
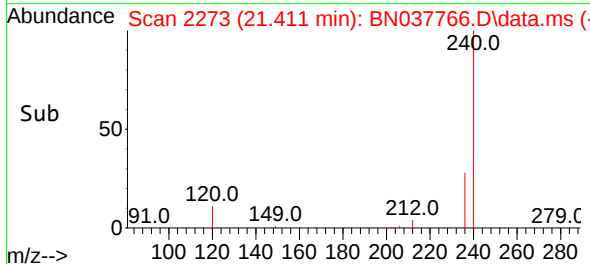
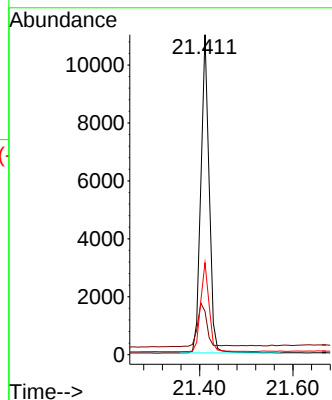
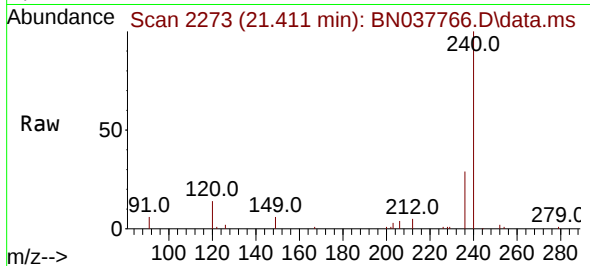




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.411 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037766.D
Acq: 18 Sep 2025 06:59

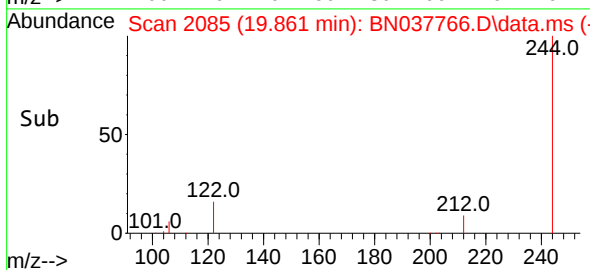
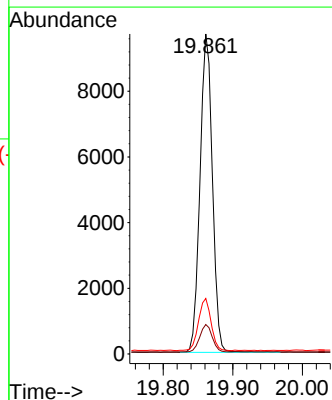
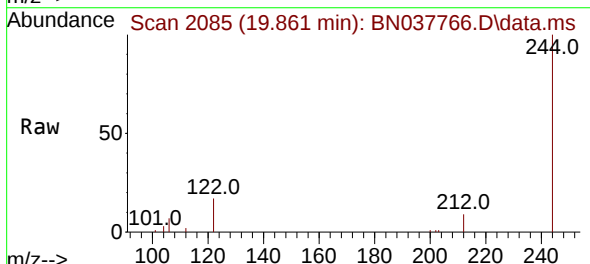
Instrument :
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Tgt Ion:240 Resp: 13639
Ion Ratio Lower Upper
240 100
120 13.5 9.2 13.8
236 28.7 22.6 33.8



#31
Terphenyl-d14
Concen: 0.432 ng
RT: 19.861 min Scan# 2085
Delta R.T. -0.009 min
Lab File: BN037766.D
Acq: 18 Sep 2025 06:59

Tgt Ion:244 Resp: 11960
Ion Ratio Lower Upper
244 100
212 9.2 7.5 11.3
122 17.4 13.2 19.8

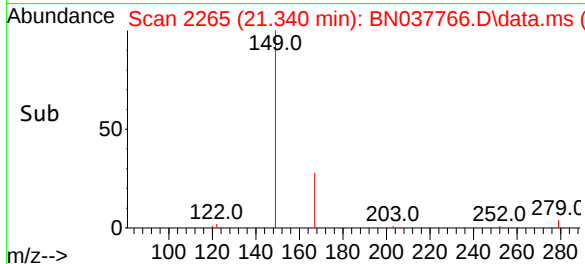
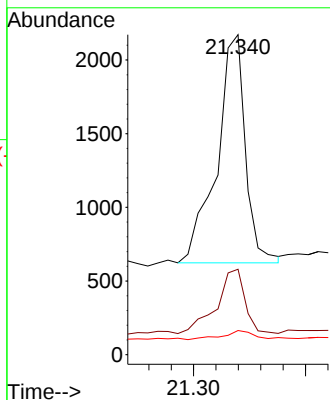
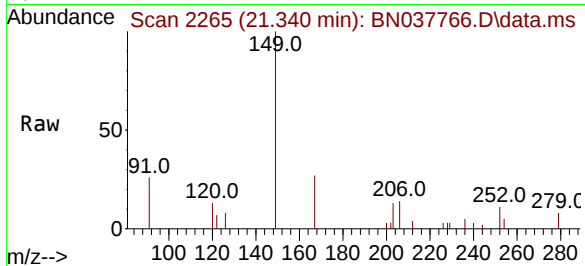




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.195 ng
 RT: 21.340 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN037766.D
 Acq: 18 Sep 2025 06:59

Instrument :
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Tgt Ion:149 Resp: 2756
 Ion Ratio Lower Upper
 149 100
 167 28.0 20.8 31.2
 279 4.9 3.3 4.9



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.745 min Scan# 2842
 Delta R.T. -0.009 min
 Lab File: BN037766.D
 Acq: 18 Sep 2025 06:59

Tgt Ion:264 Resp: 14319
 Ion Ratio Lower Upper
 264 100
 260 26.9 21.8 32.8
 265 60.8 39.4 59.2#

