

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091725\
 Data File : BN037751.D
 Acq On : 17 Sep 2025 18:13
 Operator : RC/JU
 Sample : Q3095-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW203D1-20250909

Quant Time: Sep 17 18:37:44 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

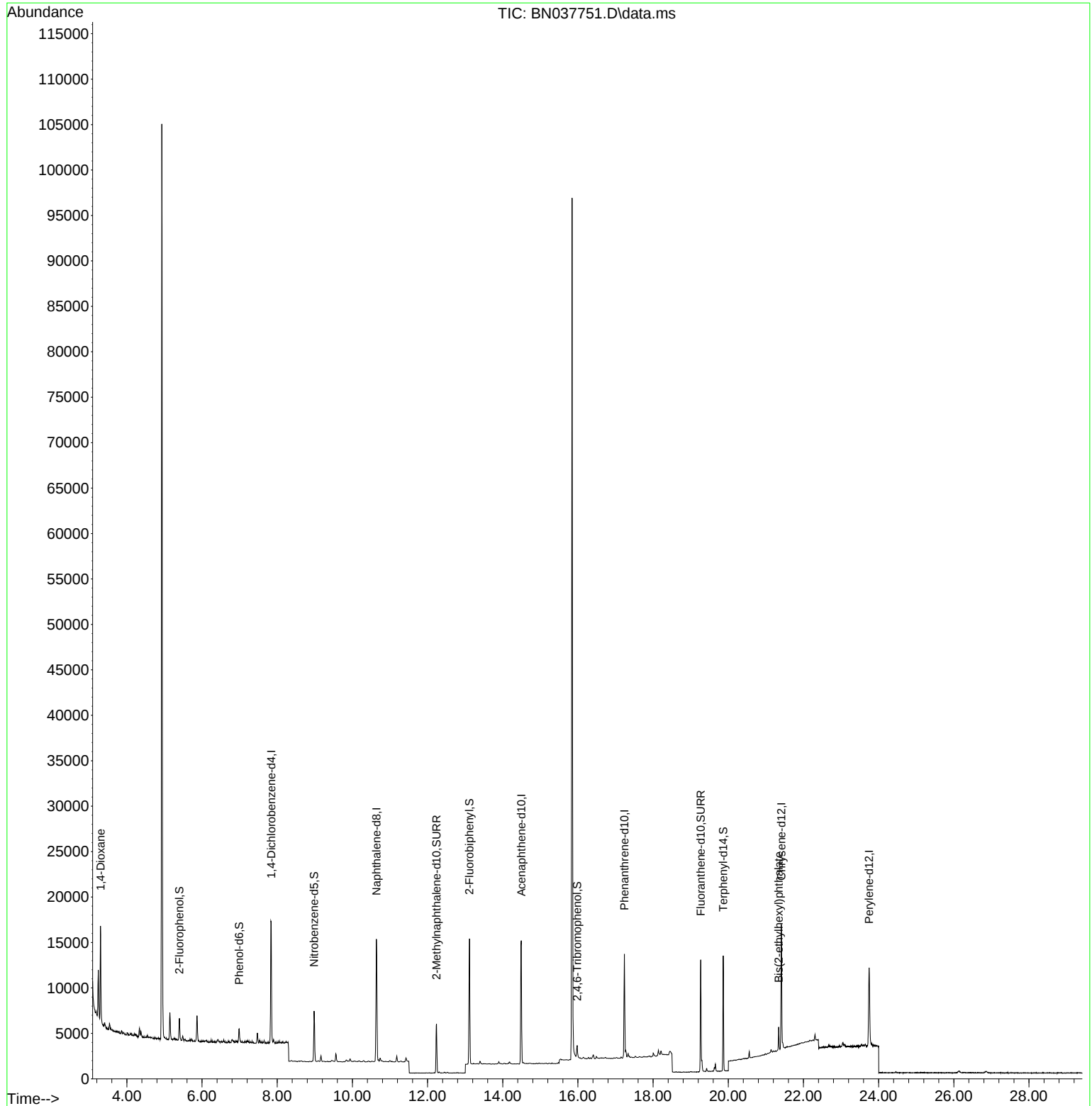
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.840	152	6737	0.400 ng	0.00
7) Naphthalene-d8	10.637	136	18255	0.400 ng	-0.01
13) Acenaphthene-d10	14.495	164	8162	0.400 ng	0.00
19) Phenanthrene-d10	17.235	188	14474	0.400 ng	# 0.00
29) Chrysene-d12	21.411	240	12341	0.400 ng	# 0.00
35) Perylene-d12	23.747	264	12297	0.400 ng	# 0.00
System Monitoring Compounds					
4) 2-Fluorophenol	5.399	112	1900	0.123 ng	0.00
5) Phenol-d6	6.988	99	1423	0.071 ng	0.00
8) Nitrobenzene-d5	8.982	82	4307	0.323 ng	-0.01
11) 2-Methylnaphthalene-d10	12.238	152	7260	0.300 ng	0.00
14) 2,4,6-Tribromophenol	15.982	330	850	0.399 ng	0.00
15) 2-Fluorobiphenyl	13.115	172	11534	0.338 ng	0.00
27) Fluoranthene-d10	19.267	212	13393	0.369 ng	0.00
31) Terphenyl-d14	19.866	244	11743	0.469 ng	0.00
Target Compounds					
2) 1,4-Dioxane	3.304	88	6666	0.950 ng	96
34) Bis(2-ethylhexyl)phtha...	21.340	149	2537	0.199 ng	98

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

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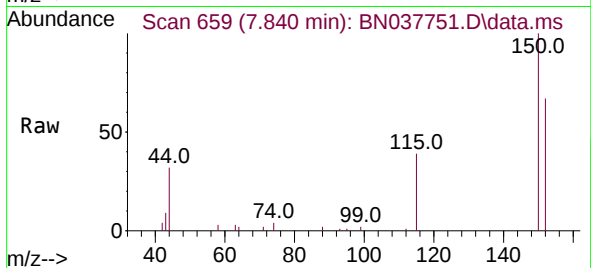
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
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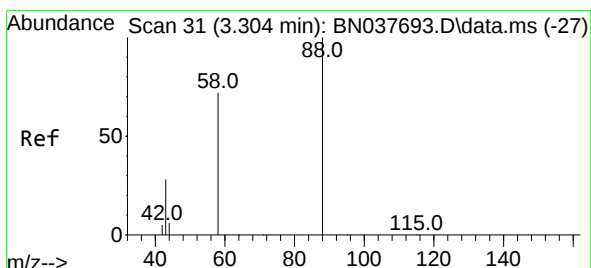
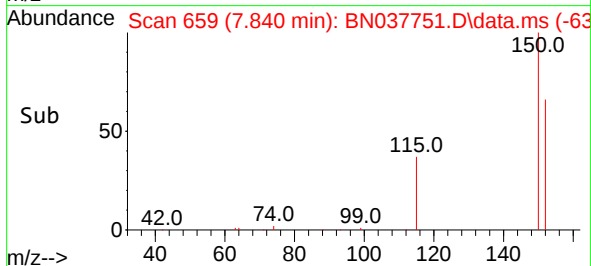
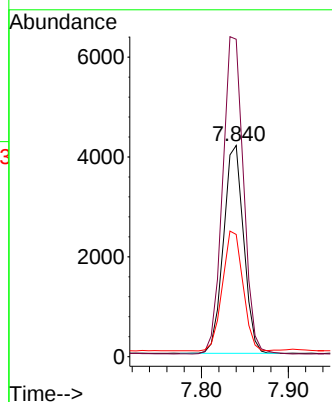
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.840 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN037751.D
 Acq: 17 Sep 2025 18:13

Instrument :
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 ClientSampleId :
 MW203D1-20250909



Tgt Ion:152 Resp: 6737

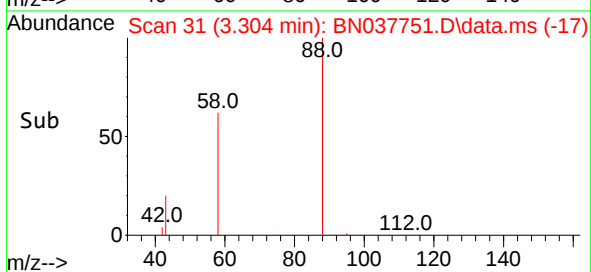
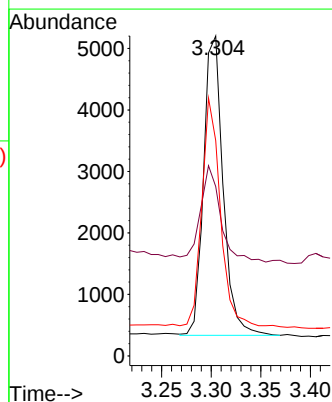
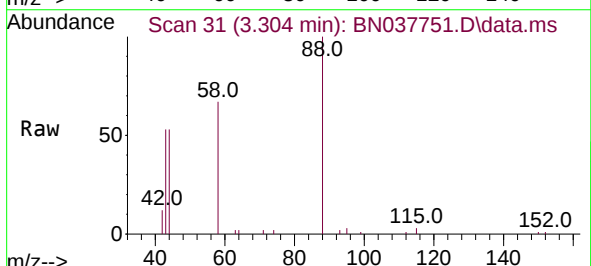
Ion	Ratio	Lower	Upper
152	100		
150	150.3	124.5	186.7
115	57.9	49.2	73.8

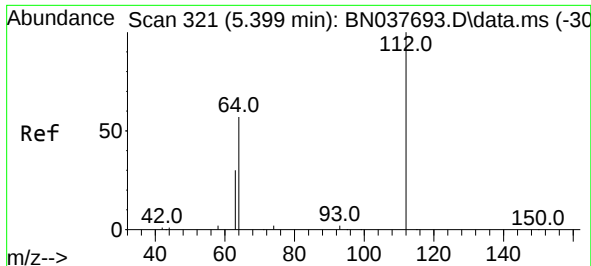


#2
 1,4-Dioxane
 Concen: 0.950 ng
 RT: 3.304 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BN037751.D
 Acq: 17 Sep 2025 18:13

Tgt Ion: 88 Resp: 6666

Ion	Ratio	Lower	Upper
88	100		
43	35.2	26.8	40.2
58	73.5	61.9	92.9

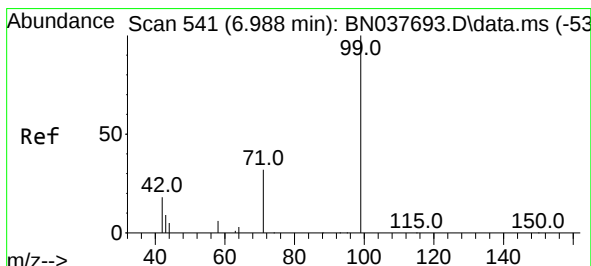
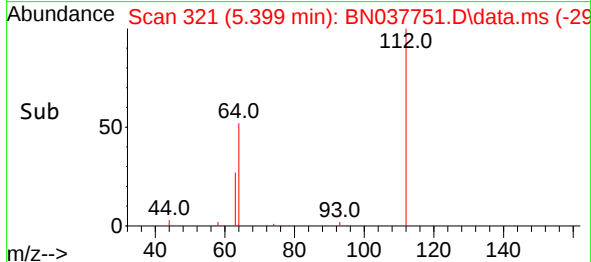
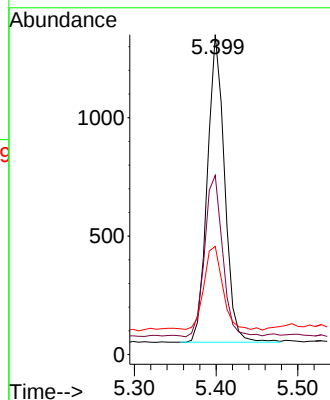
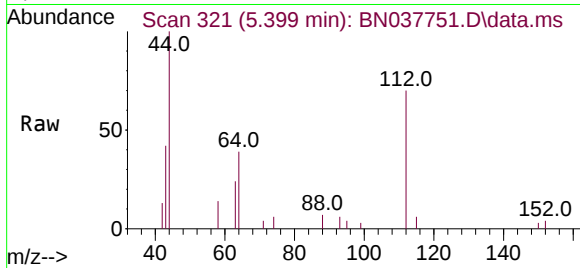




#4
2-Fluorophenol
Concen: 0.123 ng
RT: 5.399 min Scan# 321
Delta R.T. -0.000 min
Lab File: BN037751.D
Acq: 17 Sep 2025 18:13

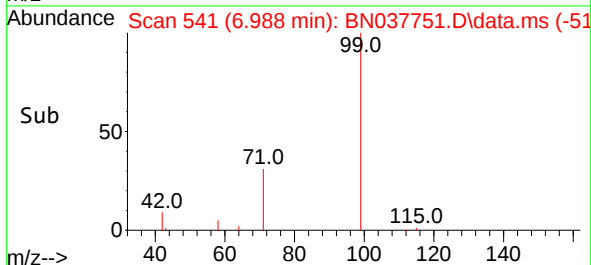
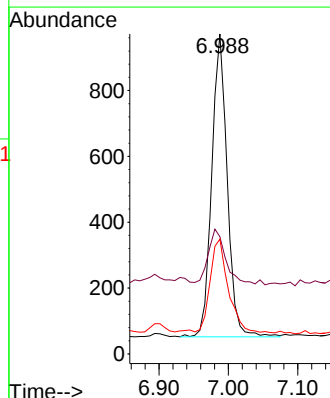
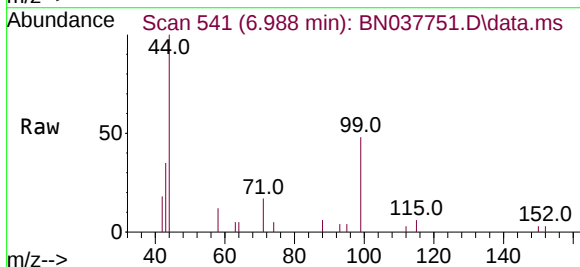
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ClientSampleId :
MW203D1-20250909

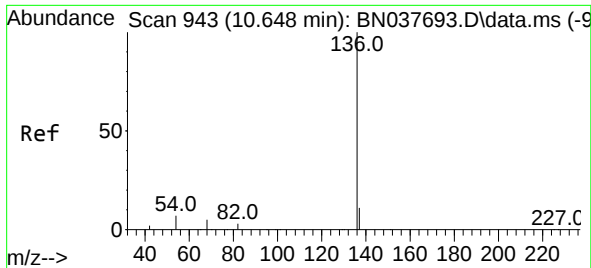
Tgt Ion: 112 Resp: 1900
Ion Ratio Lower Upper
112 100
64 54.9 44.9 67.3
63 29.7 24.7 37.1



#5
Phenol-d6
Concen: 0.071 ng
RT: 6.988 min Scan# 541
Delta R.T. 0.000 min
Lab File: BN037751.D
Acq: 17 Sep 2025 18:13

Tgt Ion: 99 Resp: 1423
Ion Ratio Lower Upper
99 100
42 19.7 16.6 24.8
71 37.2 26.7 40.1

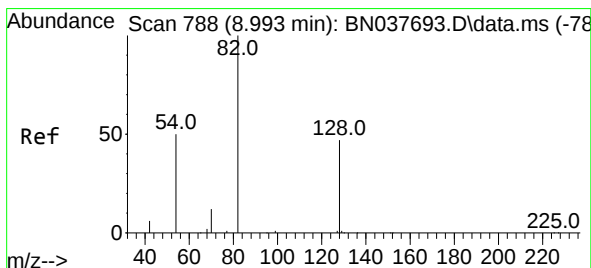
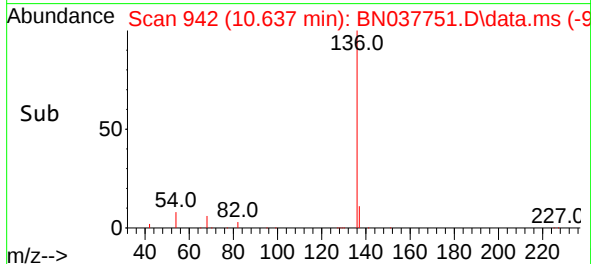
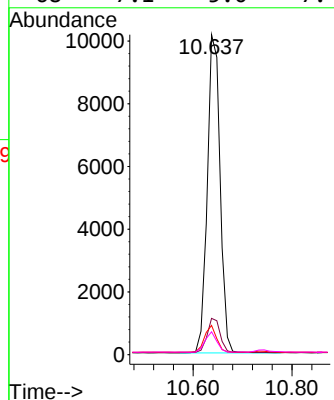
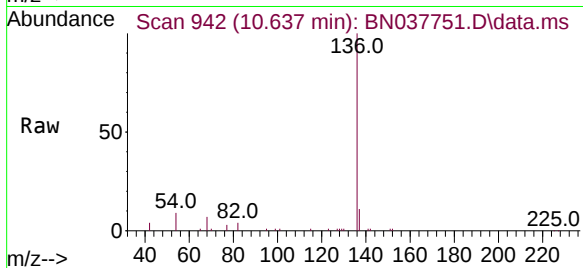




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037751.D
Acq: 17 Sep 2025 18:13

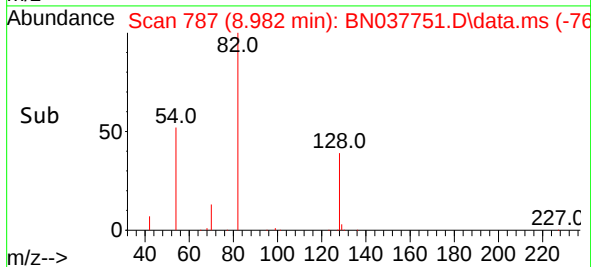
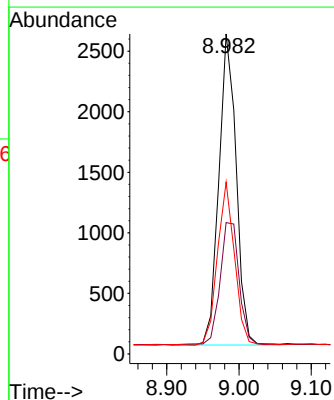
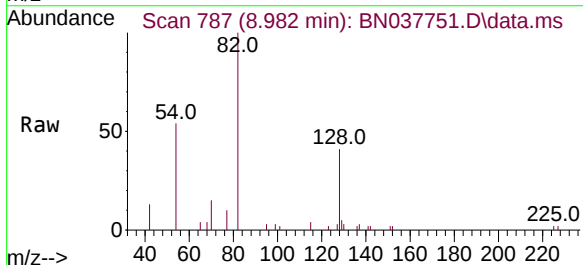
Instrument :
BNA_N
ClientSampleId :
MW203D1-20250909

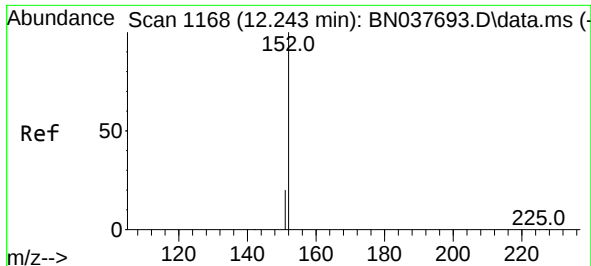
Tgt Ion:136	Resp:	18255
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.1 13.7
54	9.1	6.3 9.5
68	7.1	5.0 7.4



#8
Nitrobenzene-d5
Concen: 0.323 ng
RT: 8.982 min Scan# 787
Delta R.T. -0.011 min
Lab File: BN037751.D
Acq: 17 Sep 2025 18:13

Tgt Ion: 82	Resp:	4307
Ion Ratio	Lower	Upper
82	100	
128	41.1	38.3 57.5
54	53.7	41.4 62.2

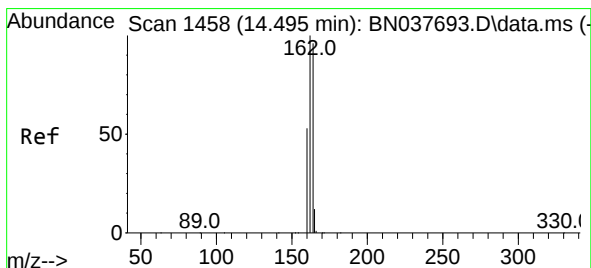
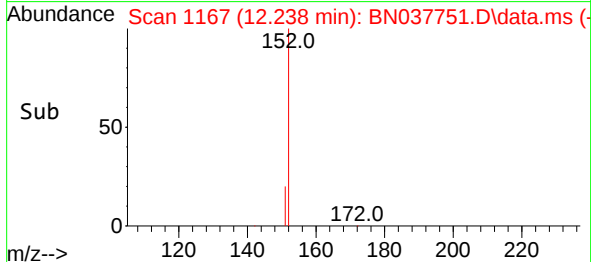
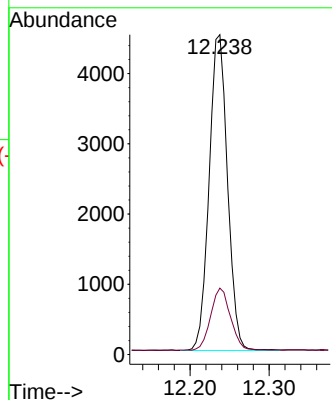
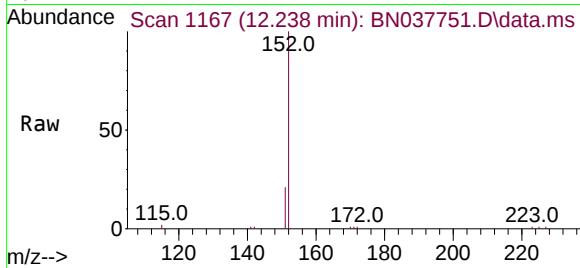




#11
2-Methylnaphthalene-d10
Concen: 0.300 ng
RT: 12.238 min Scan# 1167
Delta R.T. -0.005 min
Lab File: BN037751.D
Acq: 17 Sep 2025 18:13

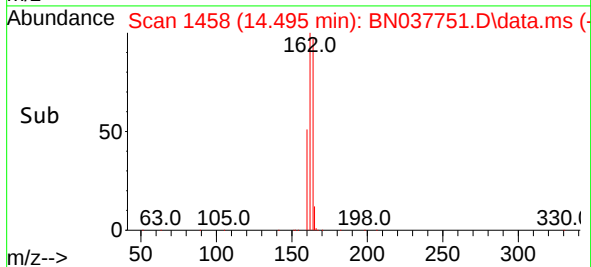
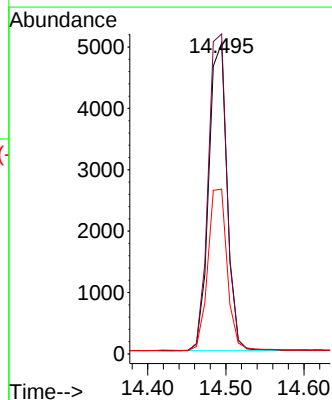
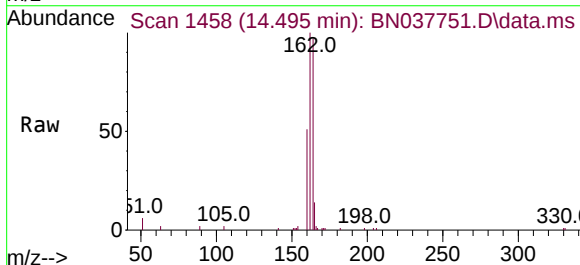
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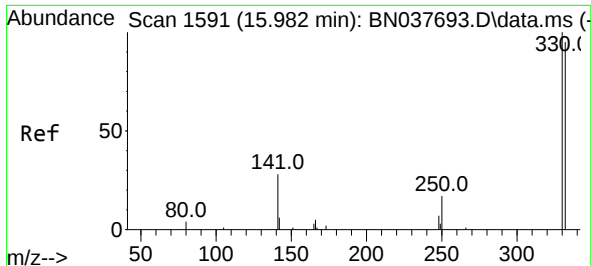
Tgt Ion:152 Resp: 7260
Ion Ratio Lower Upper
152 100
151 21.2 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.495 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BN037751.D
Acq: 17 Sep 2025 18:13

Tgt Ion:164 Resp: 8162
Ion Ratio Lower Upper
164 100
162 103.0 83.1 124.7
160 53.0 44.3 66.5

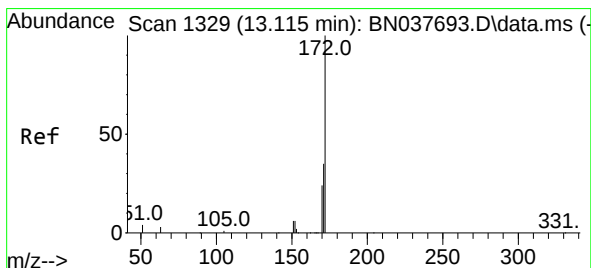
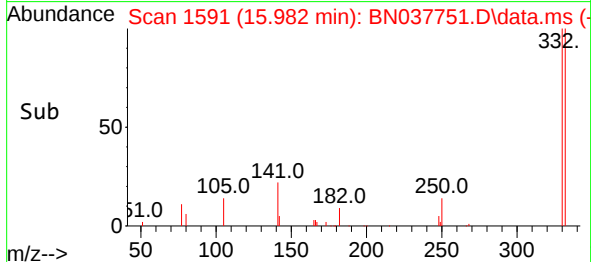
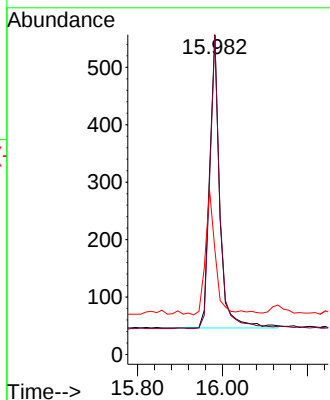
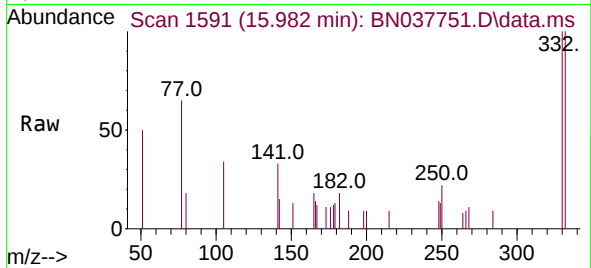




#14
2,4,6-Tribromophenol
Concen: 0.399 ng
RT: 15.982 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BN037751.D
Acq: 17 Sep 2025 18:13

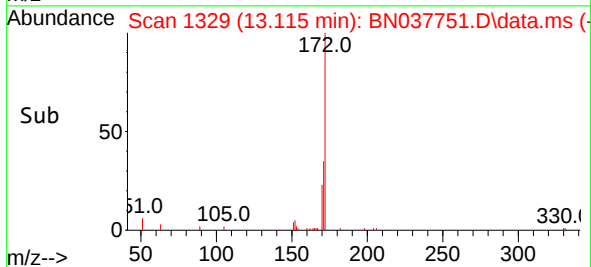
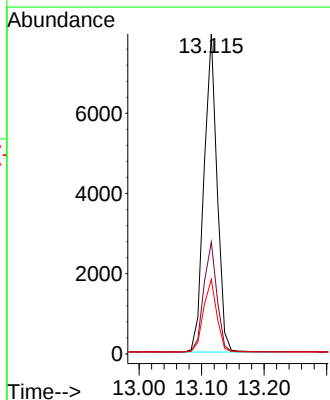
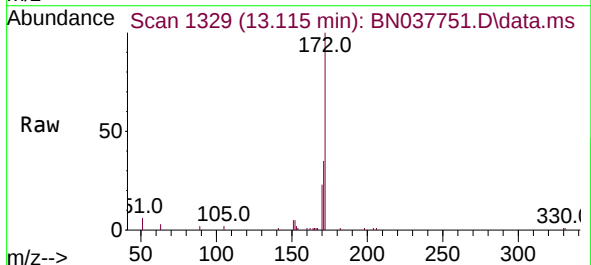
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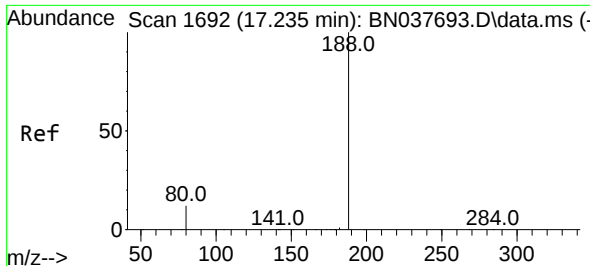
Tgt Ion:	330	Resp:	850
Ion Ratio	Lower	Upper	
330	100		
332	98.2	75.3	112.9
141	41.2	35.0	52.4



#15
2-Fluorobiphenyl
Concen: 0.338 ng
RT: 13.115 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BN037751.D
Acq: 17 Sep 2025 18:13

Tgt Ion:	172	Resp:	11534
Ion Ratio	Lower	Upper	
172	100		
171	35.0	28.6	43.0
170	23.3	19.8	29.8

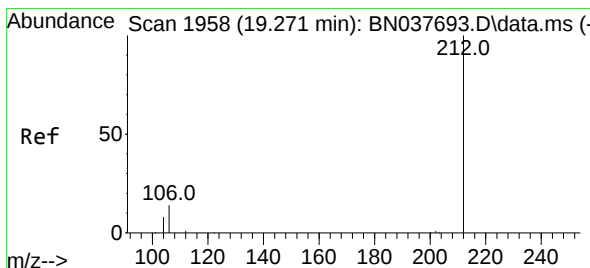
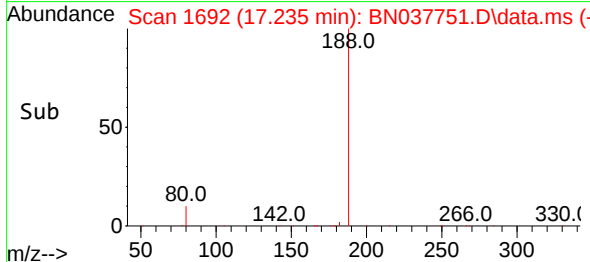
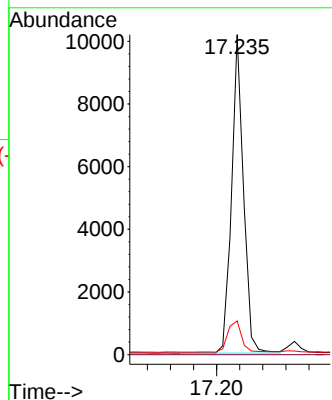
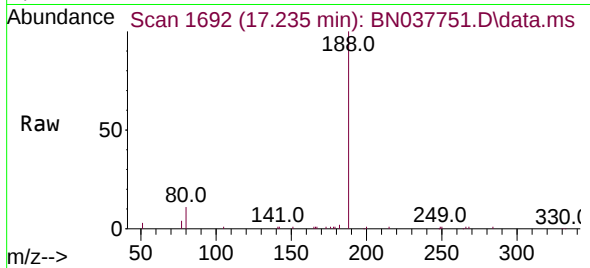




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.235 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN037751.D
Acq: 17 Sep 2025 18:13

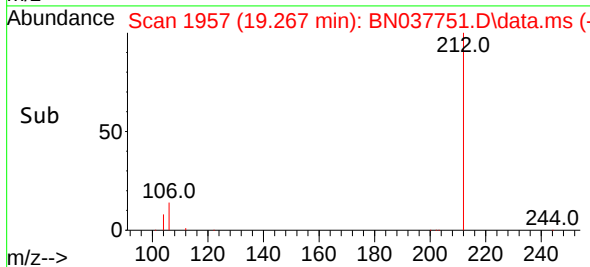
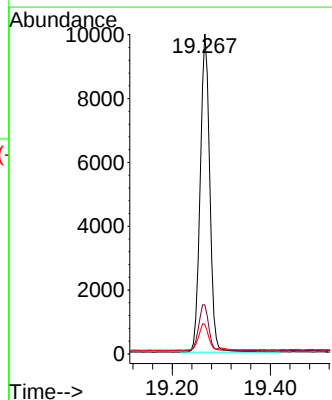
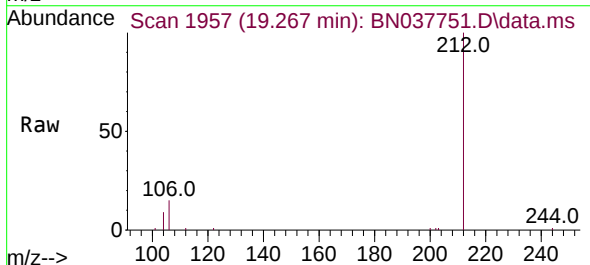
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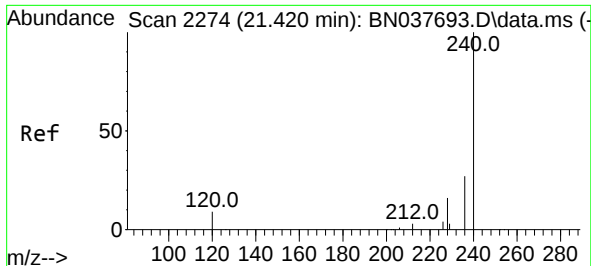
Tgt Ion:188 Resp: 14474
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.6 10.6 15.8#



#27
Fluoranthene-d10
Concen: 0.369 ng
RT: 19.267 min Scan# 1957
Delta R.T. -0.005 min
Lab File: BN037751.D
Acq: 17 Sep 2025 18:13

Tgt Ion:212 Resp: 13393
Ion Ratio Lower Upper
212 100
106 15.6 12.2 18.2
104 8.5 6.9 10.3

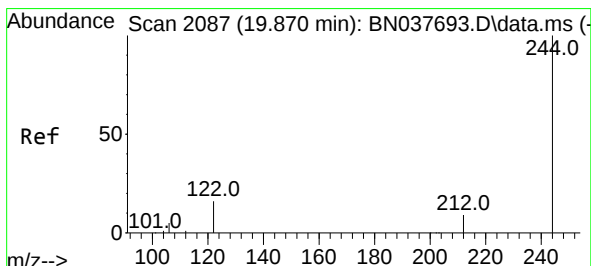
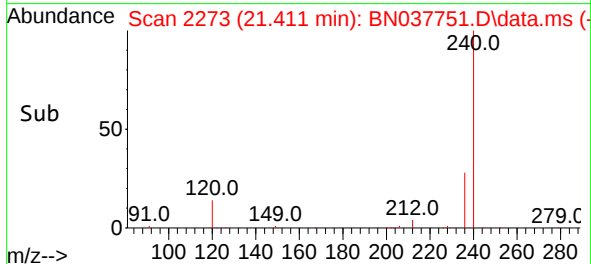
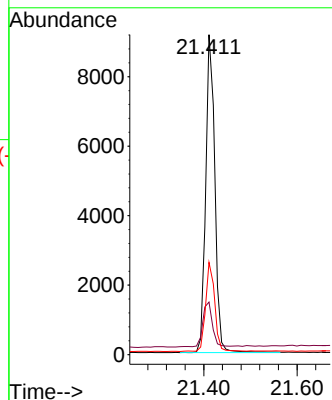
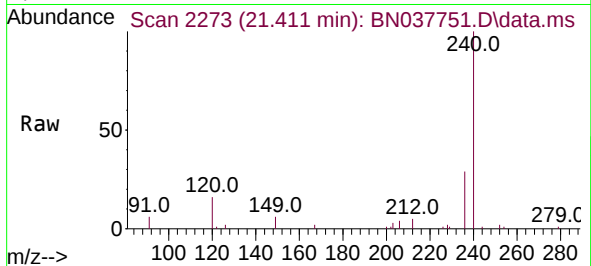




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.411 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037751.D
Acq: 17 Sep 2025 18:13

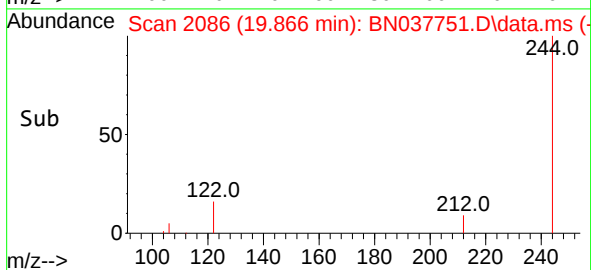
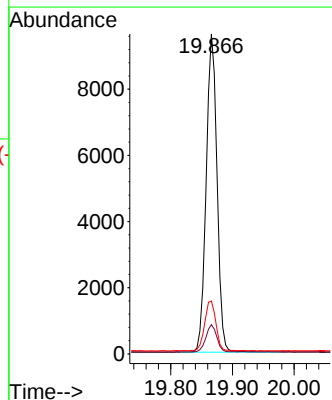
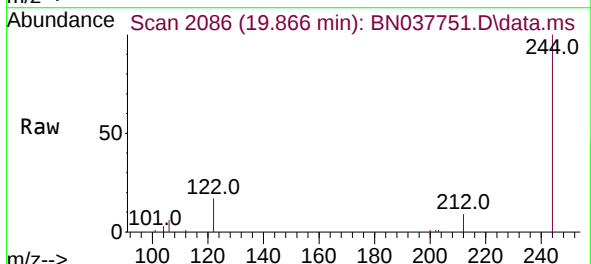
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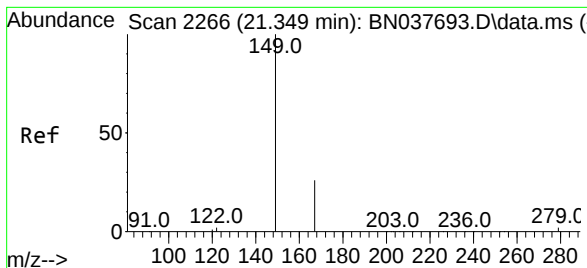
Tgt Ion:240 Resp: 12341
Ion Ratio Lower Upper
240 100
120 16.4 9.2 13.8#
236 28.8 22.6 33.8



#31
Terphenyl-d14
Concen: 0.469 ng
RT: 19.866 min Scan# 2086
Delta R.T. -0.005 min
Lab File: BN037751.D
Acq: 17 Sep 2025 18:13

Tgt Ion:244 Resp: 11743
Ion Ratio Lower Upper
244 100
212 9.1 7.5 11.3
122 16.5 13.2 19.8

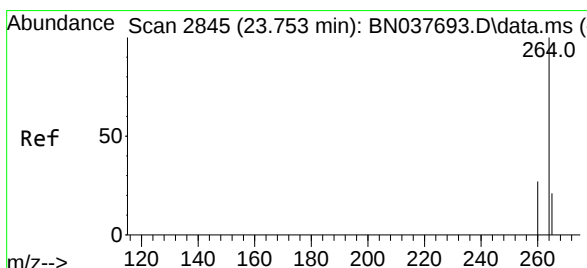
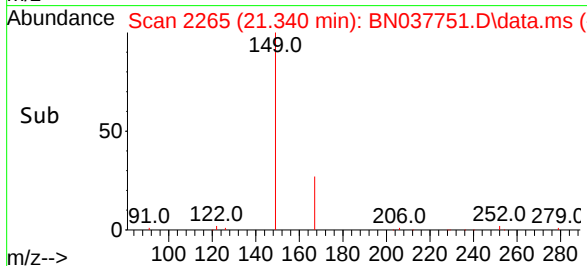
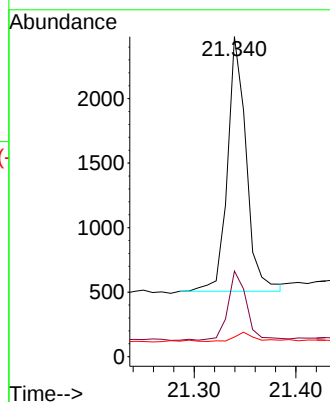
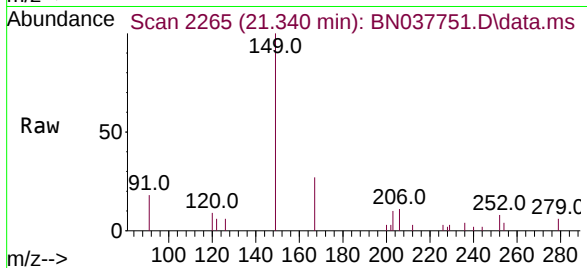




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.199 ng
 RT: 21.340 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN037751.D
 Acq: 17 Sep 2025 18:13

Instrument :
 BNA_N
 ClientSampleId :
 MW203D1-20250909

Tgt Ion:149 Resp: 2537
 Ion Ratio Lower Upper
 149 100
 167 27.1 20.8 31.2
 279 4.3 3.3 4.9



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.747 min Scan# 2843
 Delta R.T. -0.006 min
 Lab File: BN037751.D
 Acq: 17 Sep 2025 18:13

Tgt Ion:264 Resp: 12297
 Ion Ratio Lower Upper
 264 100
 260 27.2 21.8 32.8
 265 59.6 39.4 59.2#

