

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091825\
 Data File : BN037785.D
 Acq On : 18 Sep 2025 20:02
 Operator : RC/JU
 Sample : Q3095-23
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE104D2-20250910

Quant Time: Sep 19 04:10:58 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)

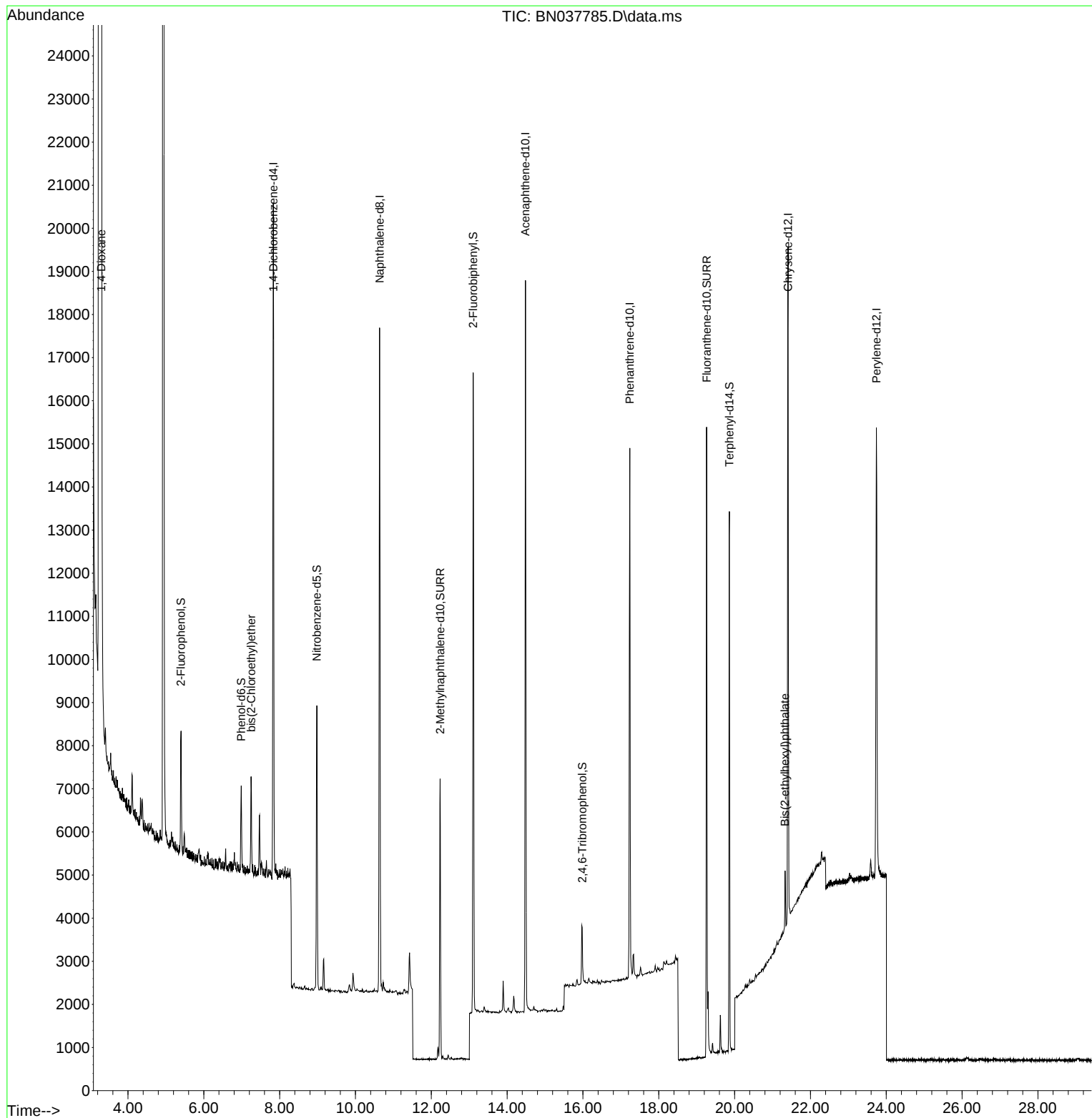
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	7416	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	19792	0.400	ng	-0.01
13) Acenaphthene-d10	14.484	164	9115	0.400	ng	-0.01
19) Phenanthrene-d10	17.235	188	16768	0.400	ng	# 0.00
29) Chrysene-d12	21.411	240	14951	0.400	ng	0.00
35) Perylene-d12	23.741	264	14804	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	2307	0.136	ng	0.00
5) Phenol-d6	6.988	99	1691	0.077	ng	0.00
8) Nitrobenzene-d5	8.982	82	5110	0.353	ng	-0.01
11) 2-Methylnaphthalene-d10	12.232	152	8502	0.324	ng	-0.01
14) 2,4,6-Tribromophenol	15.982	330	987	0.415	ng	0.00
15) 2-Fluorobiphenyl	13.105	172	13157	0.345	ng	-0.01
27) Fluoranthene-d10	19.262	212	16067	0.382	ng	0.00
31) Terphenyl-d14	19.861	244	12035	0.397	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.297	88	15980	2.069	ng	96
6) bis(2-Chloroethyl)ether	7.248	93	1596	0.081	ng	97
34) Bis(2-ethylhexyl)phtha...	21.330	149	1394	0.090	ng	# 95

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

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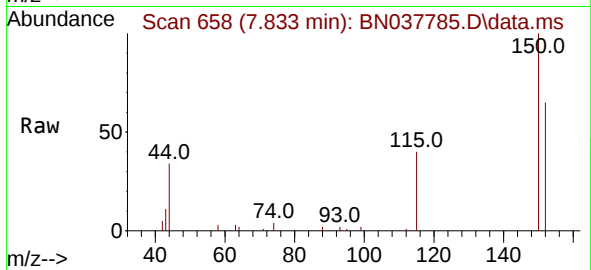
Quant Time: Sep 19 04:10:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



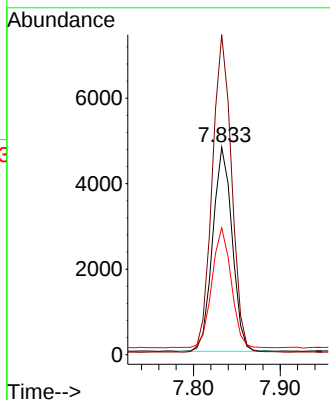
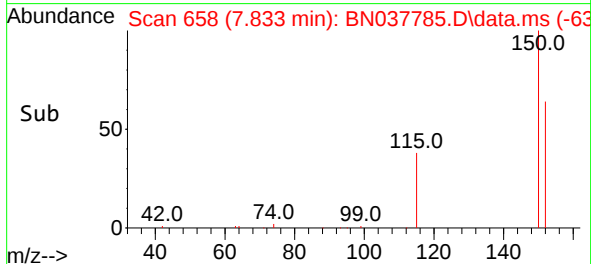


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.833 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN037785.D
Acq: 18 Sep 2025 20:02

Instrument :
BNA_N
ClientSampleId :
RE104D2-20250910

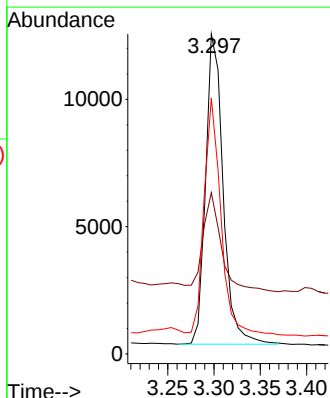
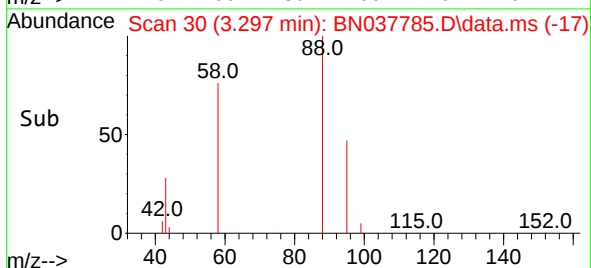
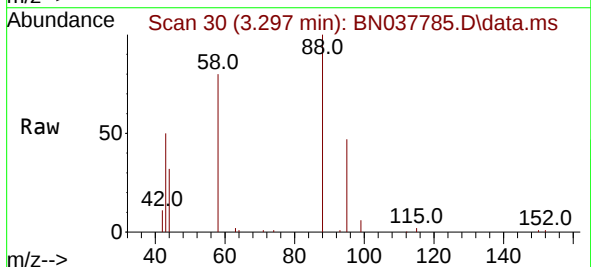


Tgt Ion:152 Resp: 7416
Ion Ratio Lower Upper
152 100
150 154.3 124.5 186.7
115 61.2 49.2 73.8



#2
1,4-Dioxane
Concen: 2.069 ng
RT: 3.297 min Scan# 30
Delta R.T. -0.007 min
Lab File: BN037785.D
Acq: 18 Sep 2025 20:02

Tgt Ion: 88 Resp: 15980
Ion Ratio Lower Upper
88 100
43 33.8 26.8 40.2
58 73.0 61.9 92.9

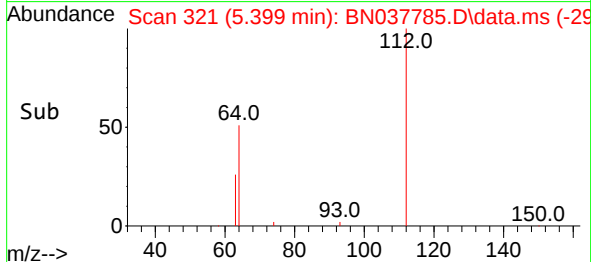
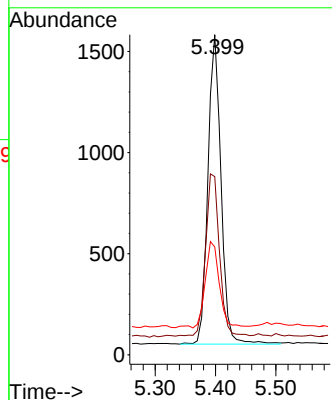
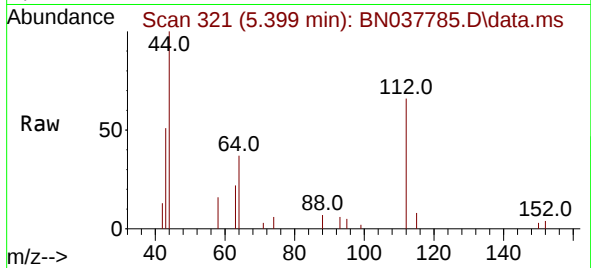




#4
2-Fluorophenol
Concen: 0.136 ng
RT: 5.399 min Scan# 311
Delta R.T. -0.000 min
Lab File: BN037785.D
Acq: 18 Sep 2025 20:02

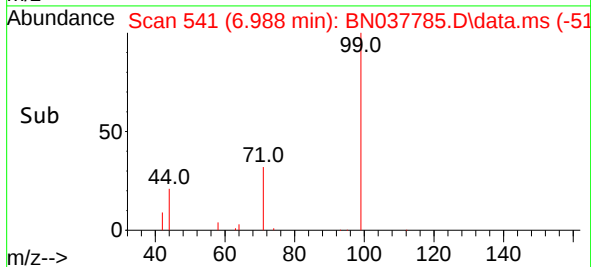
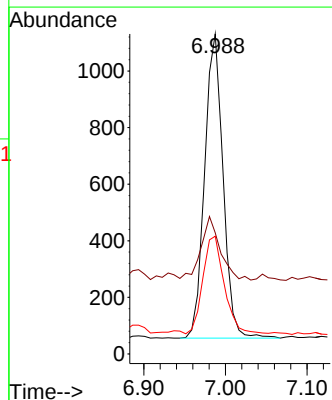
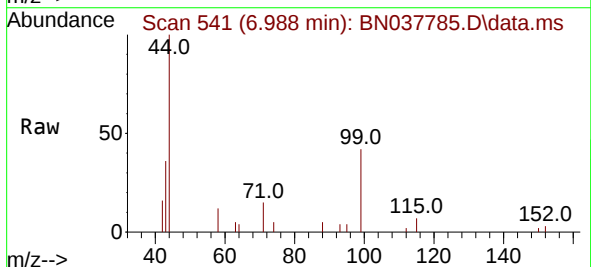
Instrument :
BNA_N
ClientSampleId :
RE104D2-20250910

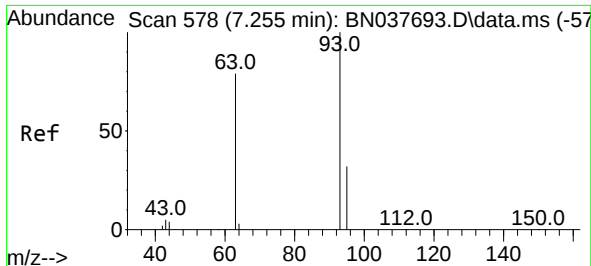
Tgt Ion:112 Resp: 2307
Ion Ratio Lower Upper
112 100
64 55.4 44.9 67.3
63 29.9 24.7 37.1



#5
Phenol-d6
Concen: 0.077 ng
RT: 6.988 min Scan# 541
Delta R.T. -0.000 min
Lab File: BN037785.D
Acq: 18 Sep 2025 20:02

Tgt Ion: 99 Resp: 1691
Ion Ratio Lower Upper
99 100
42 21.7 16.6 24.8
71 37.3 26.7 40.1

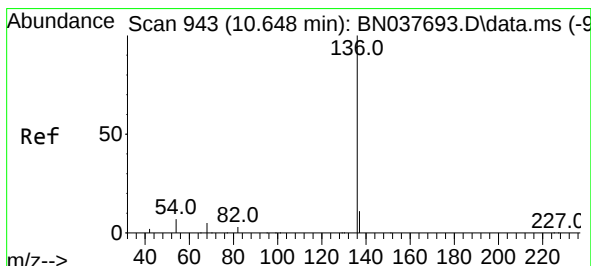
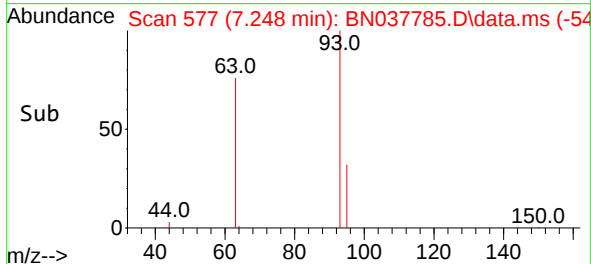
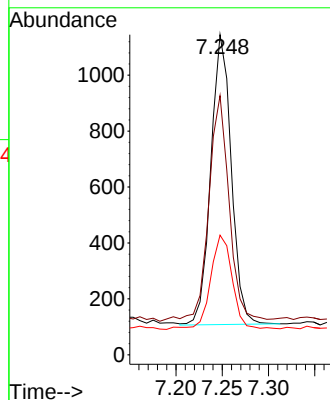
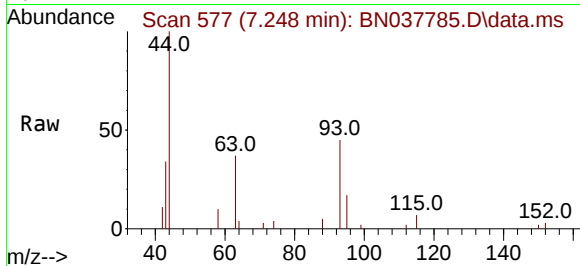




#6
bis(2-Chloroethyl)ether
Concen: 0.081 ng
RT: 7.248 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN037785.D
Acq: 18 Sep 2025 20:02

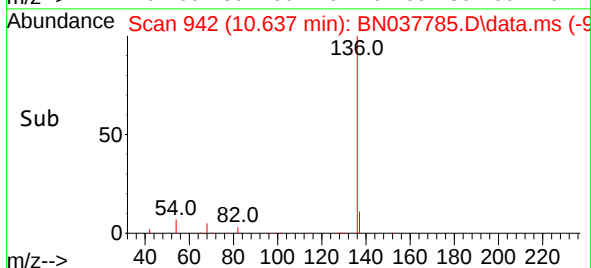
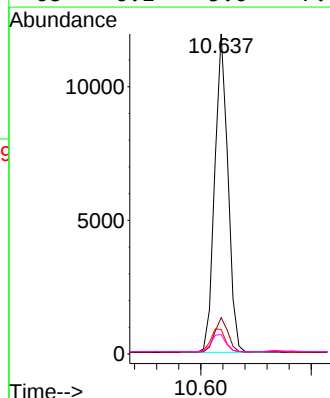
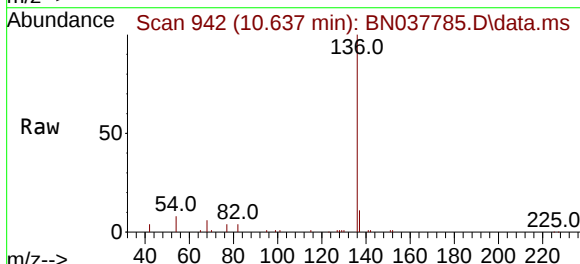
Instrument :
BNA_N
ClientSampleId :
RE104D2-20250910

Tgt Ion: 93 Resp: 1596
Ion Ratio Lower Upper
93 100
63 77.9 60.6 90.8
95 34.6 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: BN037785.D
Acq: 18 Sep 2025 20:02

Tgt Ion: 136 Resp: 19792
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 7.6 6.3 9.5
68 6.1 5.0 7.4

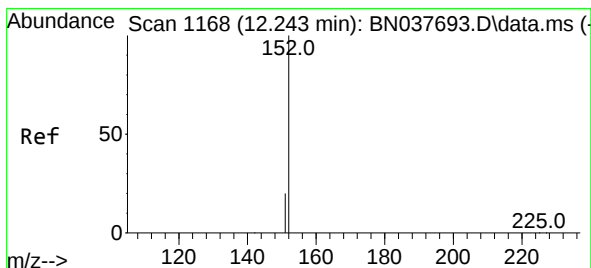
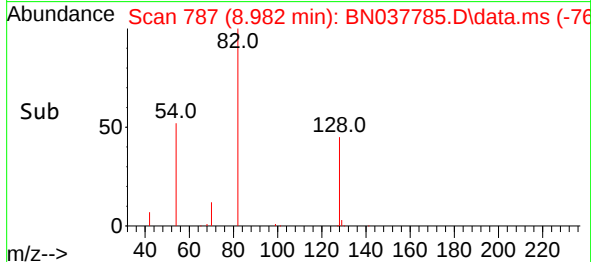
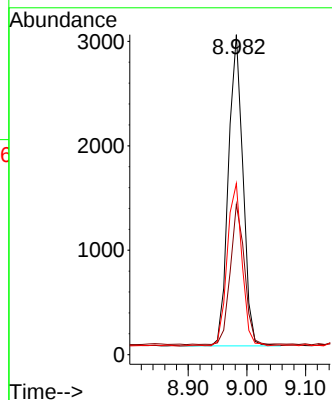
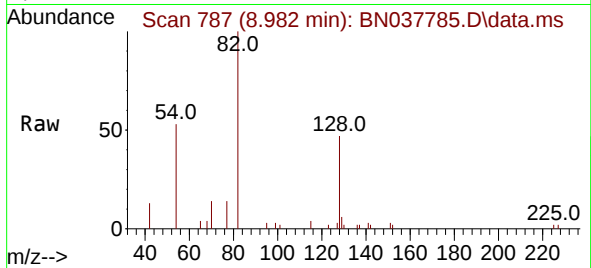




#8
 Nitrobenzene-d5
 Concen: 0.353 ng
 RT: 8.982 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BN037785.D
 Acq: 18 Sep 2025 20:02

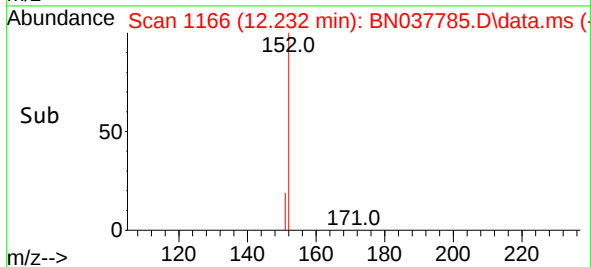
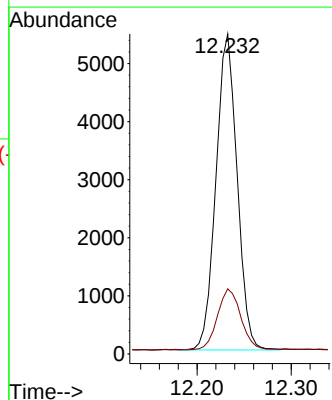
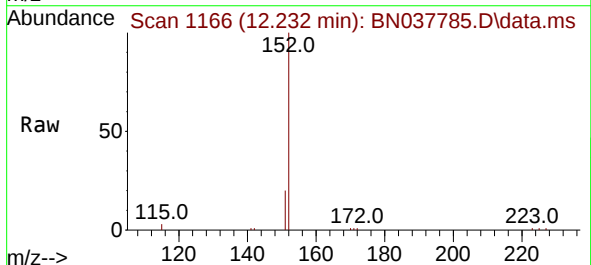
Instrument :
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 ClientSampleId :
 RE104D2-20250910

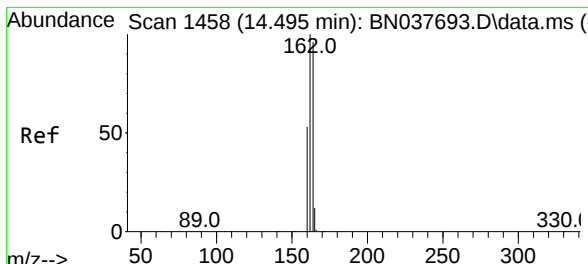
Tgt Ion: 82 Resp: 5110
 Ion Ratio Lower Upper
 82 100
 128 47.0 38.3 57.5
 54 53.5 41.4 62.2



#11
 2-Methylnaphthalene-d10
 Concen: 0.324 ng
 RT: 12.232 min Scan# 1166
 Delta R.T. -0.010 min
 Lab File: BN037785.D
 Acq: 18 Sep 2025 20:02

Tgt Ion: 152 Resp: 8502
 Ion Ratio Lower Upper
 152 100
 151 21.3 17.0 25.6

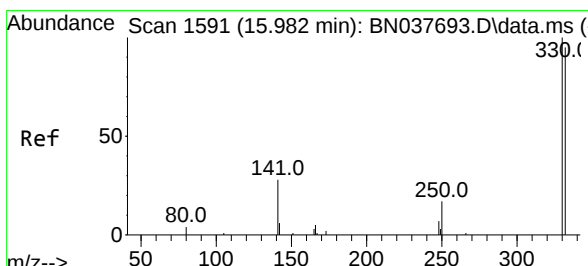
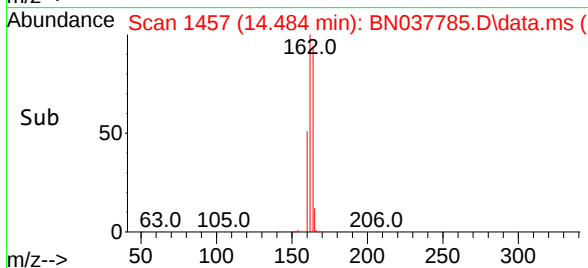
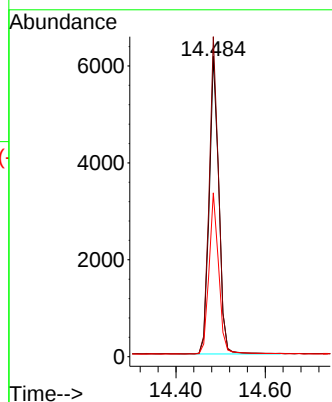
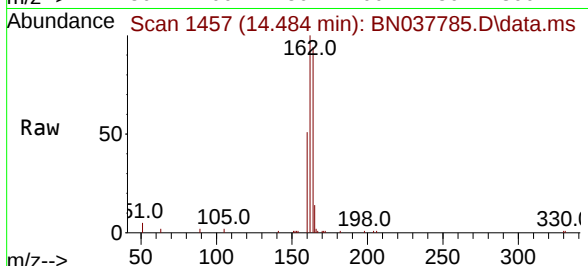




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.484 min Scan# 1457
 Delta R.T. -0.011 min
 Lab File: BN037785.D
 Acq: 18 Sep 2025 20:02

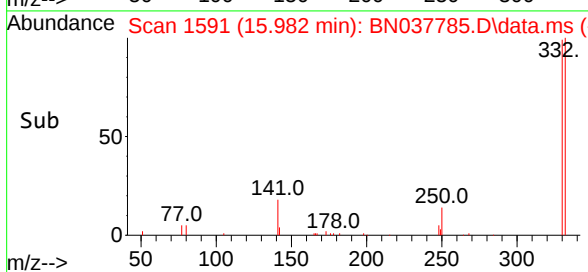
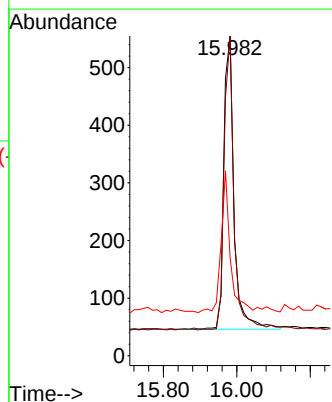
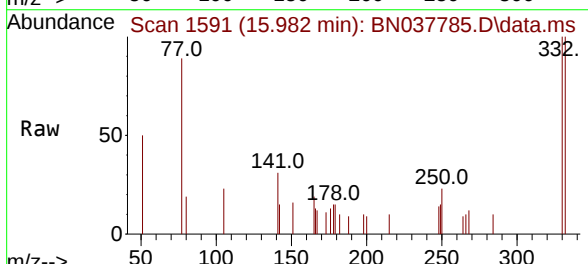
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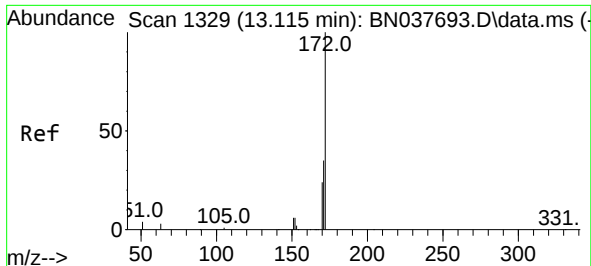
Tgt Ion:	164	Resp:	9115
Ion	Ratio	Lower	Upper
164	100		
162	106.5	83.1	124.7
160	54.6	44.3	66.5



#14
 2,4,6-Tribromophenol
 Concen: 0.415 ng
 RT: 15.982 min Scan# 1591
 Delta R.T. -0.000 min
 Lab File: BN037785.D
 Acq: 18 Sep 2025 20:02

Tgt Ion:	330	Resp:	987
Ion	Ratio	Lower	Upper
330	100		
332	96.3	75.3	112.9
141	43.2	35.0	52.4

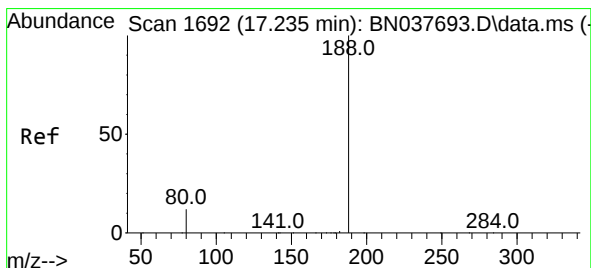
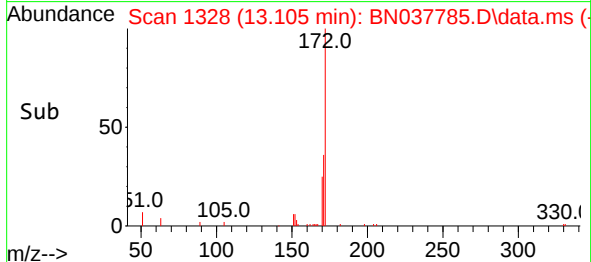
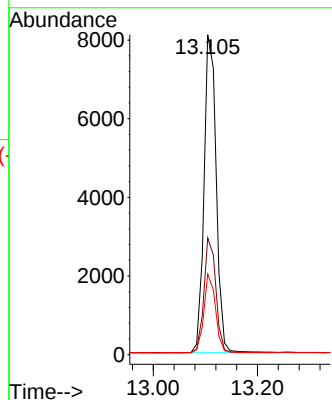
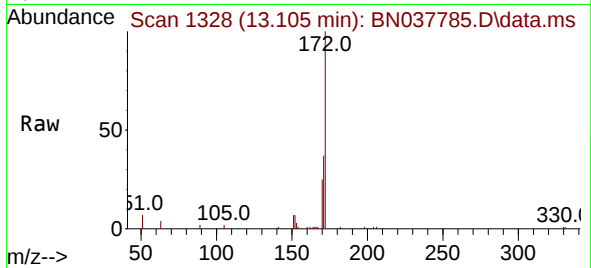




#15
2-Fluorobiphenyl
Concen: 0.345 ng
RT: 13.105 min Scan# 1328
Delta R.T. -0.011 min
Lab File: BN037785.D
Acq: 18 Sep 2025 20:02

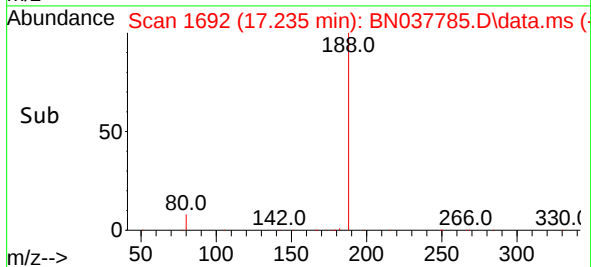
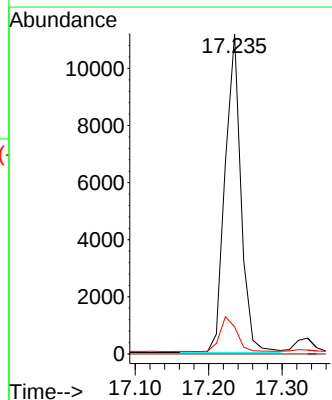
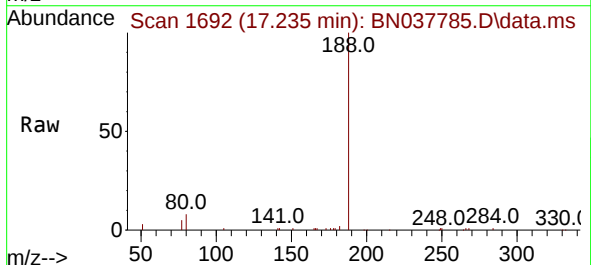
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BNA_N
ClientSampleId :
RE104D2-20250910

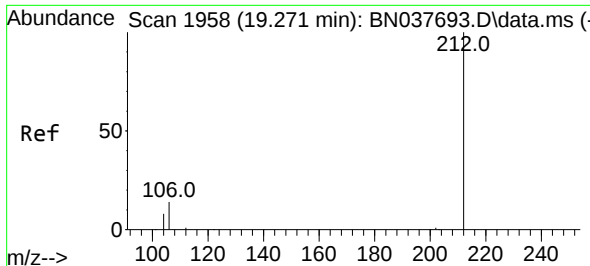
Tgt Ion:172	Resp:	13157
Ion Ratio	Lower	Upper
172	100	
171	36.5	28.6 43.0
170	25.2	19.8 29.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.235 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN037785.D
Acq: 18 Sep 2025 20:02

Tgt Ion:188	Resp:	16768
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	8.5	10.6 15.8

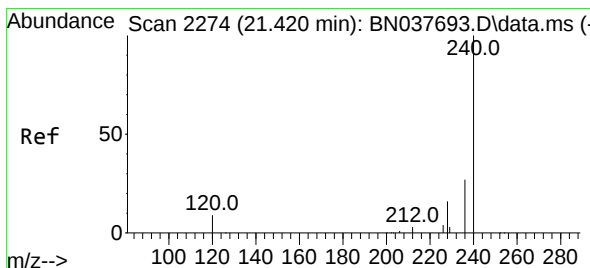
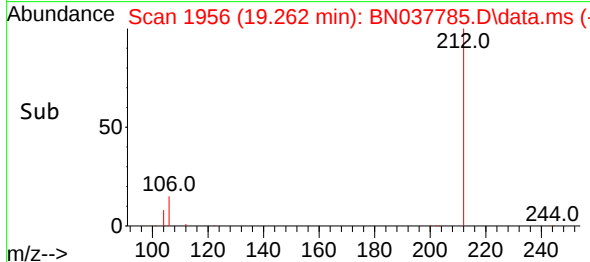
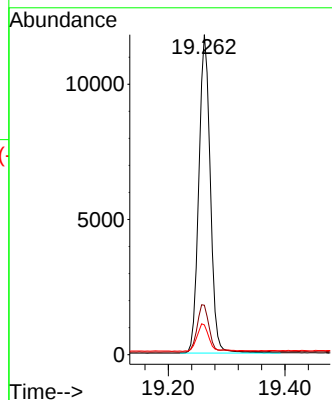
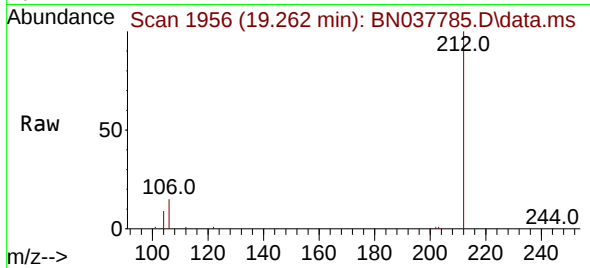




#27
Fluoranthene-d10
Concen: 0.382 ng
RT: 19.262 min Scan# 1956
Delta R.T. -0.009 min
Lab File: BN037785.D
Acq: 18 Sep 2025 20:02

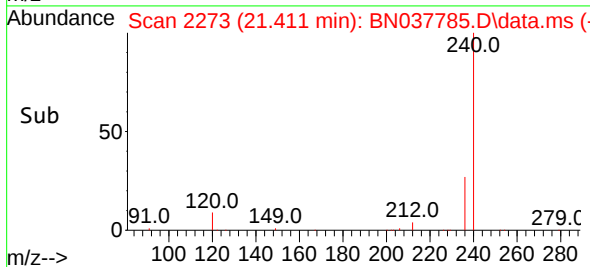
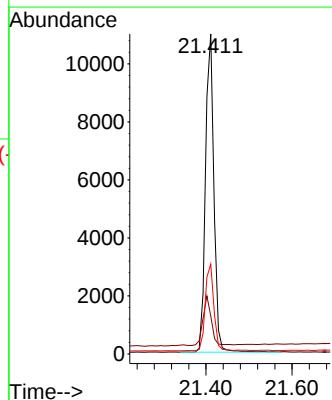
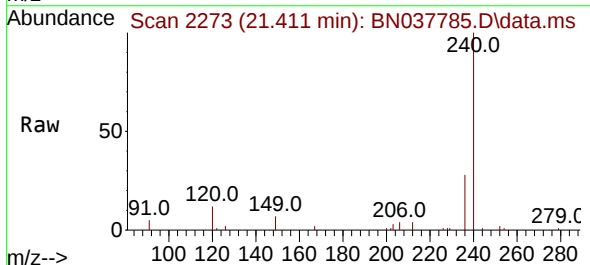
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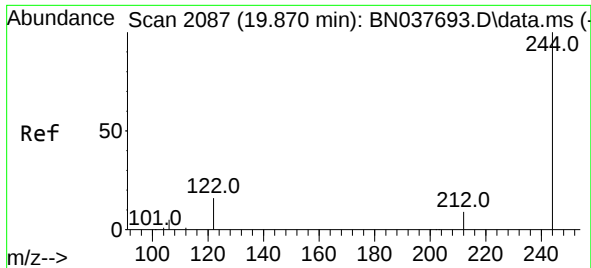
Tgt Ion:212 Resp: 16067
Ion Ratio Lower Upper
212 100
106 15.4 12.2 18.2
104 8.7 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.411 min Scan# 2273
Delta R.T. -0.009 min
Lab File: BN037785.D
Acq: 18 Sep 2025 20:02

Tgt Ion:240 Resp: 14951
Ion Ratio Lower Upper
240 100
120 11.8 9.2 13.8
236 28.1 22.6 33.8

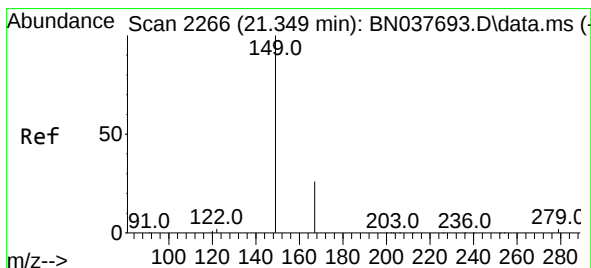
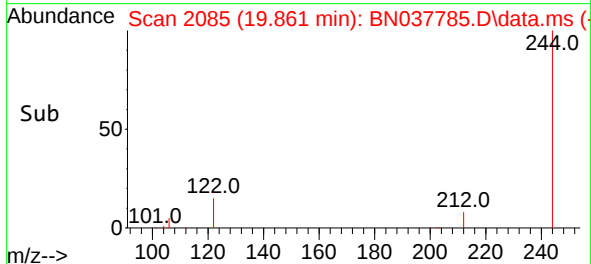
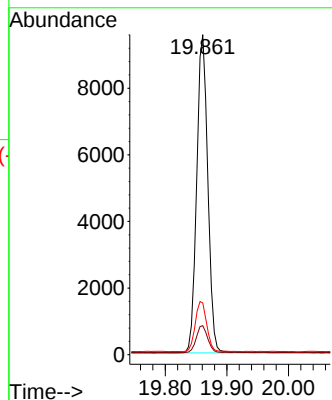
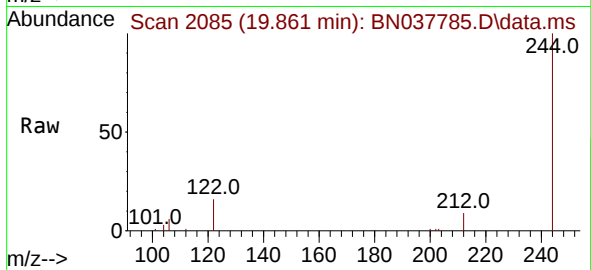




#31
Terphenyl-d14
Concen: 0.397 ng
RT: 19.861 min Scan# 2085
Delta R.T. -0.009 min
Lab File: BN037785.D
Acq: 18 Sep 2025 20:02

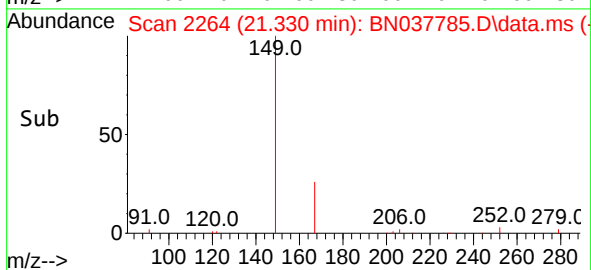
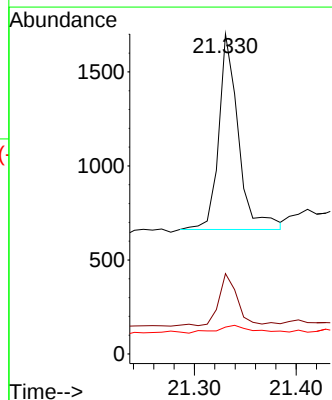
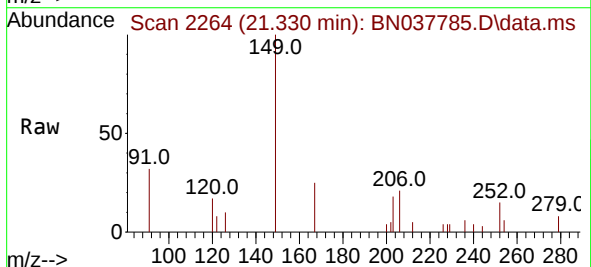
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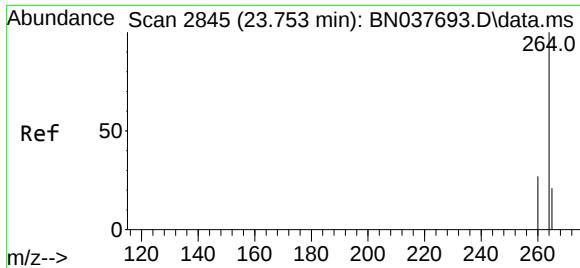
Tgt Ion:244 Resp: 12035
Ion Ratio Lower Upper
244 100
212 9.1 7.5 11.3
122 16.2 13.2 19.8



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.090 ng
RT: 21.330 min Scan# 2264
Delta R.T. -0.018 min
Lab File: BN037785.D
Acq: 18 Sep 2025 20:02

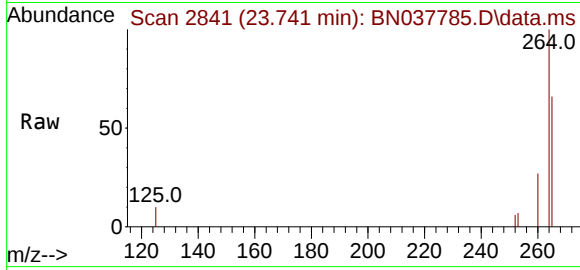
Tgt Ion:149 Resp: 1394
Ion Ratio Lower Upper
149 100
167 23.9 20.8 31.2
279 7.3 3.3 4.9#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.741 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BN037785.D
 Acq: 18 Sep 2025 20:02

Instrument :
 BNA_N
 ClientSampleId :
 RE104D2-20250910



Tgt Ion:264 Resp: 14804

Ion	Ratio	Lower	Upper
264	100		
260	26.6	21.8	32.8
265	66.1	39.4	59.2#

