

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091825\
 Data File : BN037788.D
 Acq On : 18 Sep 2025 21:51
 Operator : RC/JU
 Sample : Q3095-26
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP03-20250910

Quant Time: Sep 19 04:11:46 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)

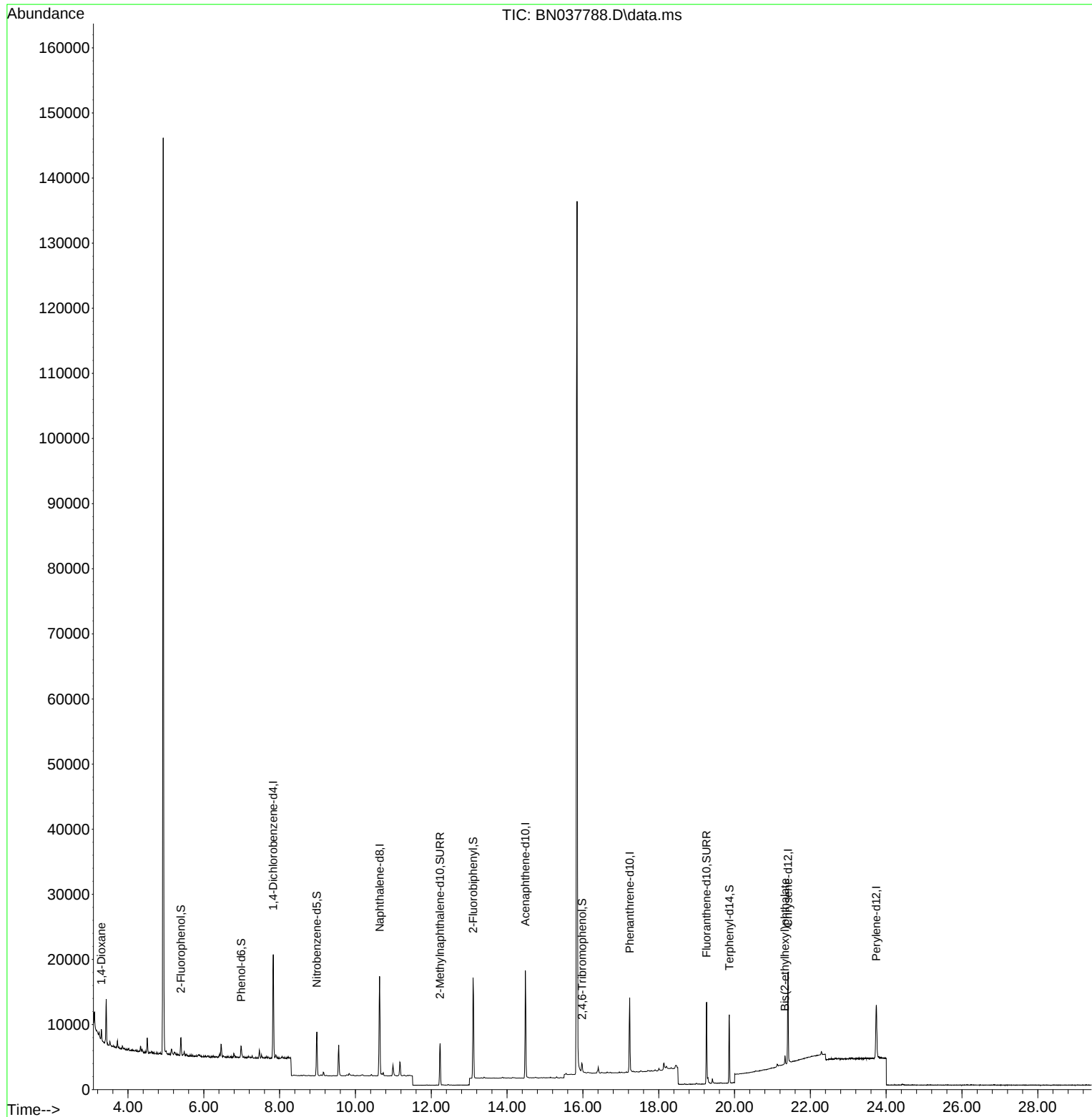
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	7666	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	20364	0.400	ng	-0.01
13) Acenaphthene-d10	14.484	164	8849	0.400	ng	-0.01
19) Phenanthrene-d10	17.235	188	15319	0.400	ng	# 0.00
29) Chrysene-d12	21.411	240	12443	0.400	ng	0.00
35) Perylene-d12	23.741	264	11797	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	2255	0.128	ng	0.00
5) Phenol-d6	6.988	99	1672	0.073	ng	0.00
8) Nitrobenzene-d5	8.982	82	5250	0.352	ng	-0.01
11) 2-Methylnaphthalene-d10	12.232	152	8618	0.319	ng	-0.01
14) 2,4,6-Tribromophenol	15.982	330	891	0.386	ng	0.00
15) 2-Fluorobiphenyl	13.105	172	13638	0.368	ng	-0.01
27) Fluoranthene-d10	19.262	212	13525	0.352	ng	0.00
31) Terphenyl-d14	19.861	244	9731	0.385	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.297	88	903	0.113	ng	# 84
34) Bis(2-ethylhexyl)phtha...	21.331	149	1314	0.102	ng	93

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

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QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration

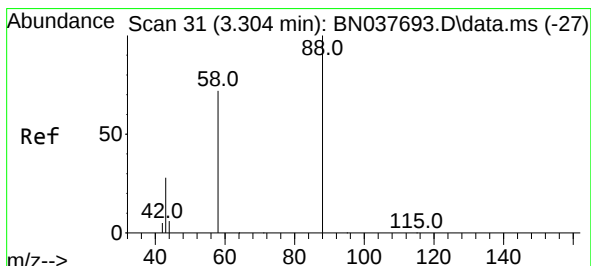
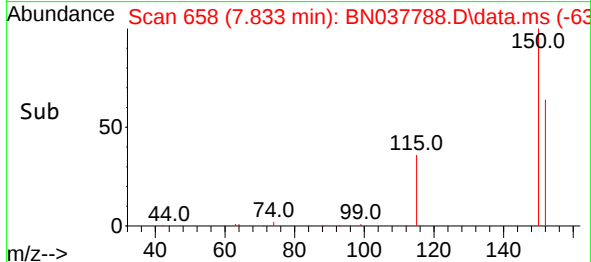
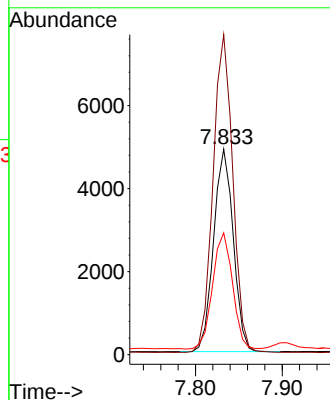
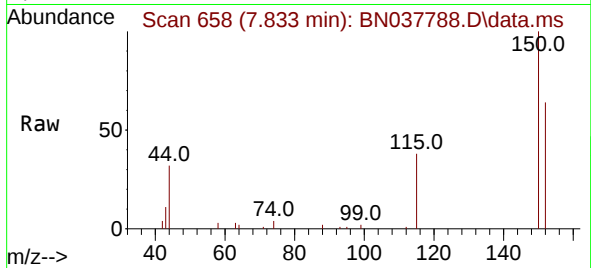




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.833 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037788.D
 Acq: 18 Sep 2025 21:51

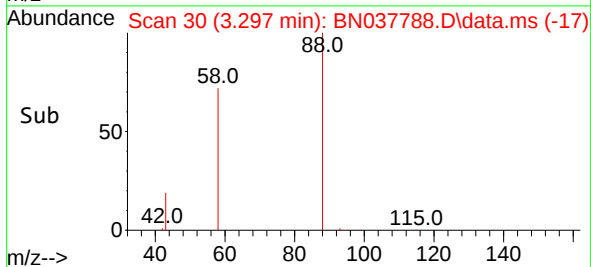
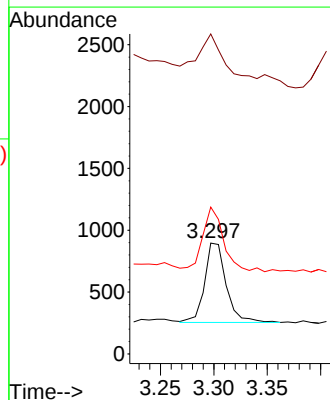
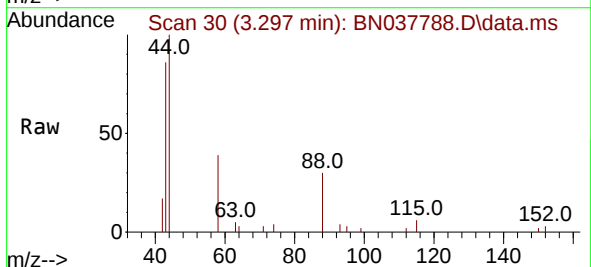
Instrument :
 BNA_N
 ClientSampleId :
 DUP03-20250910

Tgt Ion:152 Resp: 7666
 Ion Ratio Lower Upper
 152 100
 150 155.6 124.5 186.7
 115 59.2 49.2 73.8



#2
 1,4-Dioxane
 Concen: 0.113 ng
 RT: 3.297 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN037788.D
 Acq: 18 Sep 2025 21:51

Tgt Ion: 88 Resp: 903
 Ion Ratio Lower Upper
 88 100
 43 63.6 26.8 40.2#
 58 77.2 61.9 92.9

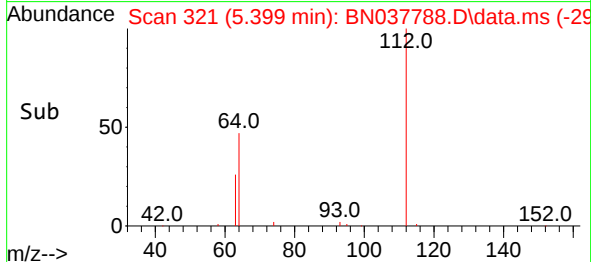
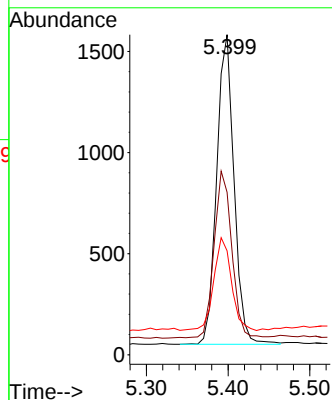
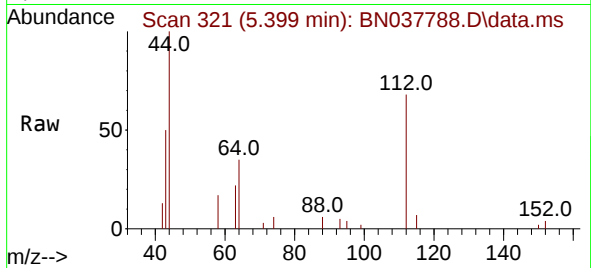




#4
2-Fluorophenol
Concen: 0.128 ng
RT: 5.399 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN037788.D
Acq: 18 Sep 2025 21:51

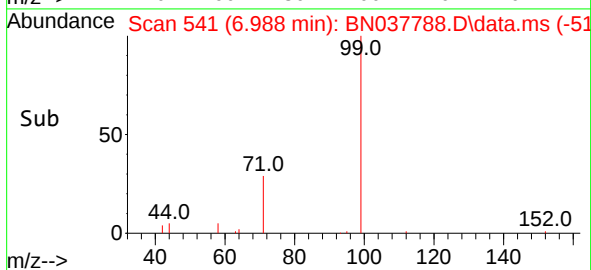
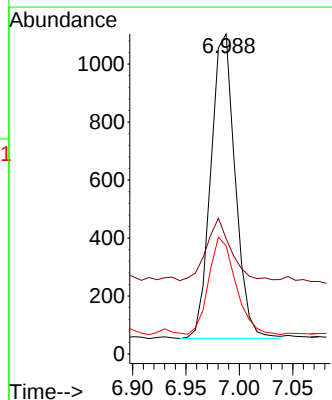
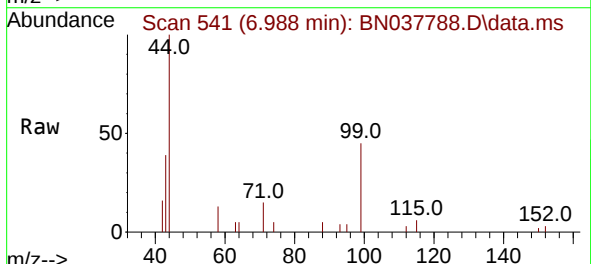
Instrument :
BNA_N
ClientSampleId :
DUP03-20250910

Tgt Ion:112 Resp: 2255
Ion Ratio Lower Upper
112 100
64 55.4 44.9 67.3
63 30.6 24.7 37.1



#5
Phenol-d6
Concen: 0.073 ng
RT: 6.988 min Scan# 541
Delta R.T. -0.000 min
Lab File: BN037788.D
Acq: 18 Sep 2025 21:51

Tgt Ion: 99 Resp: 1672
Ion Ratio Lower Upper
99 100
42 20.6 16.6 24.8
71 35.4 26.7 40.1

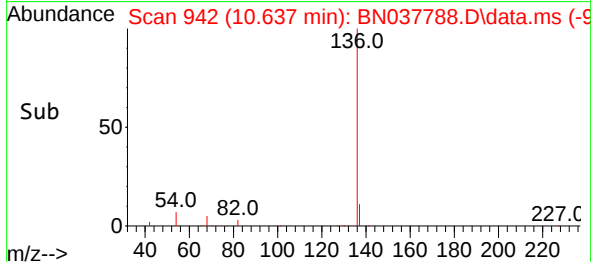
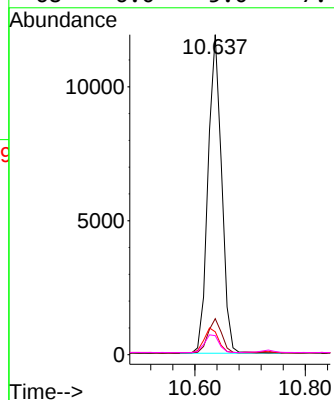
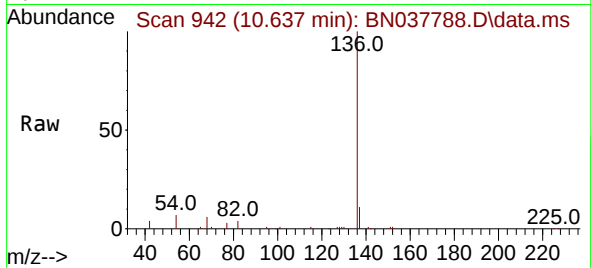




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037788.D
Acq: 18 Sep 2025 21:51

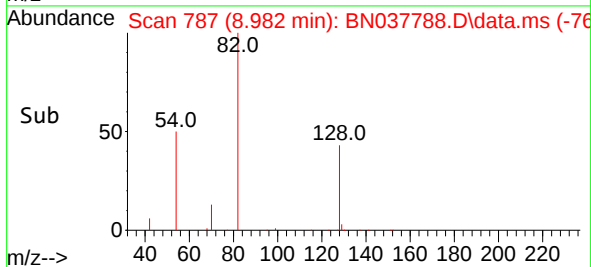
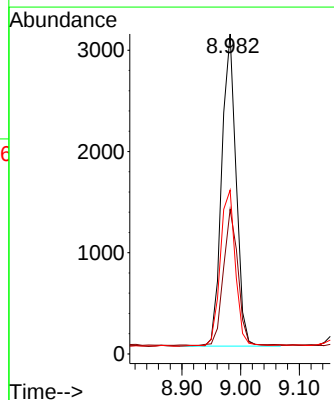
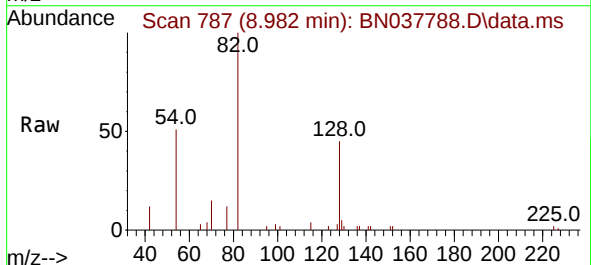
Instrument :
BNA_N
ClientSampleId :
DUP03-20250910

Tgt Ion:	136	Resp:	20364
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.1	13.7
54	7.2	6.3	9.5
68	6.0	5.0	7.4



#8
Nitrobenzene-d5
Concen: 0.352 ng
RT: 8.982 min Scan# 787
Delta R.T. -0.011 min
Lab File: BN037788.D
Acq: 18 Sep 2025 21:51

Tgt Ion:	82	Resp:	5250
Ion Ratio	Lower	Upper	
82	100		
128	45.2	38.3	57.5
54	51.2	41.4	62.2

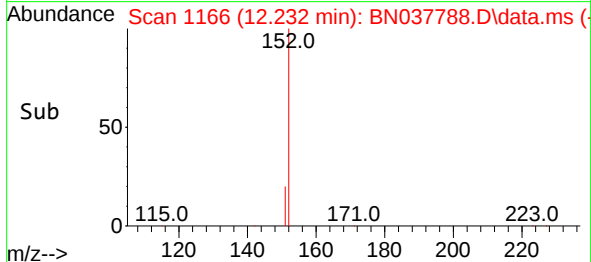
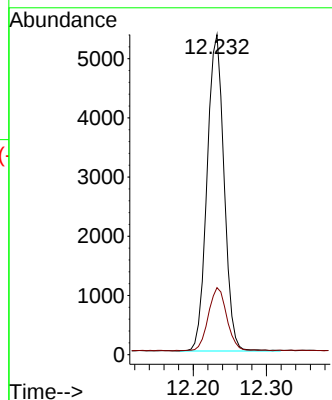
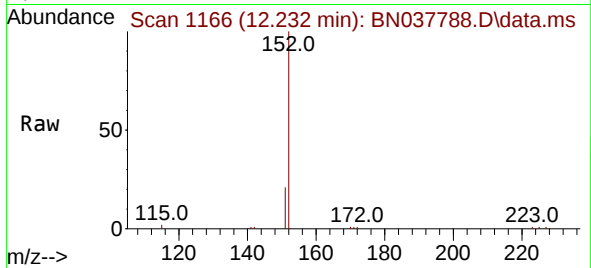




#11
2-Methylnaphthalene-d10
Concen: 0.319 ng
RT: 12.232 min Scan# 1166
Delta R.T. -0.010 min
Lab File: BN037788.D
Acq: 18 Sep 2025 21:51

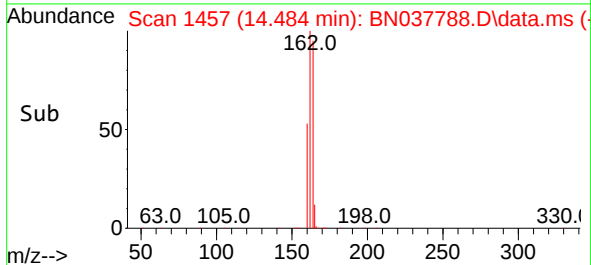
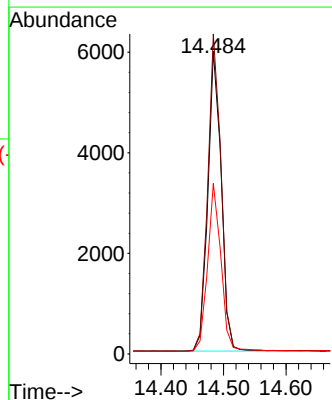
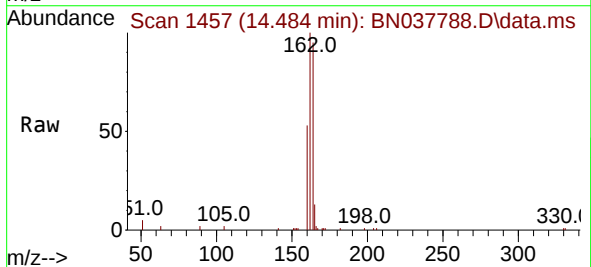
Instrument :
BNA_N
ClientSampleId :
DUP03-20250910

Tgt Ion:152 Resp: 8618
Ion Ratio Lower Upper
152 100
151 21.7 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: BN037788.D
Acq: 18 Sep 2025 21:51

Tgt Ion:164 Resp: 8849
Ion Ratio Lower Upper
164 100
162 105.7 83.1 124.7
160 56.3 44.3 66.5

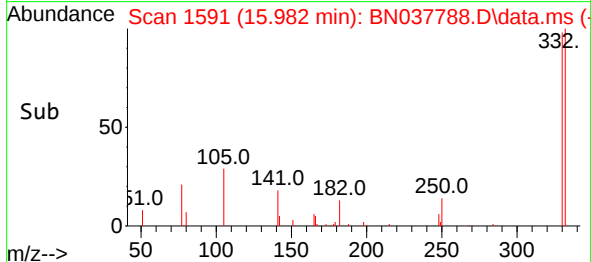
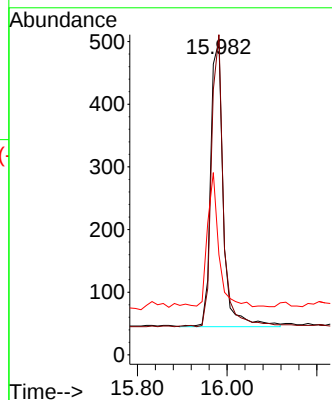
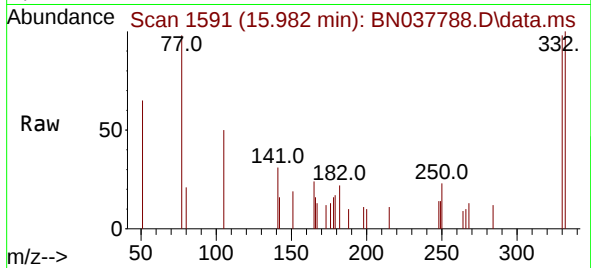




#14
2,4,6-Tribromophenol
Concen: 0.386 ng
RT: 15.982 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BN037788.D
Acq: 18 Sep 2025 21:51

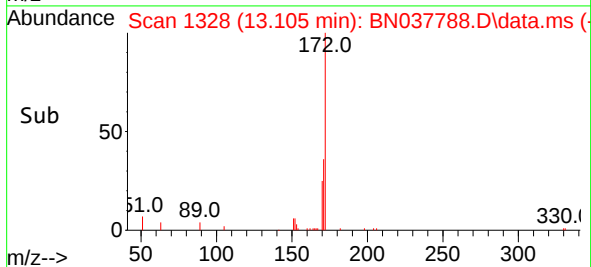
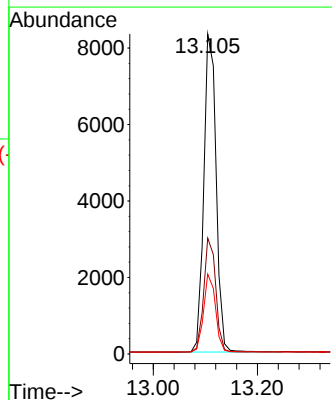
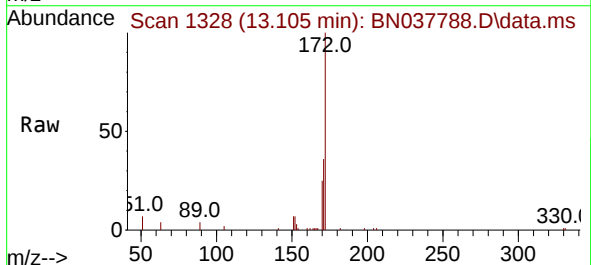
Instrument :
BNA_N
ClientSampleId :
DUP03-20250910

Tgt Ion:	330	Resp:	891
Ion Ratio	Lower	Upper	
330	100		
332	95.7	75.3	112.9
141	43.1	35.0	52.4



#15
2-Fluorobiphenyl
Concen: 0.368 ng
RT: 13.105 min Scan# 1328
Delta R.T. -0.011 min
Lab File: BN037788.D
Acq: 18 Sep 2025 21:51

Tgt Ion:	172	Resp:	13638
Ion Ratio	Lower	Upper	
172	100		
171	36.2	28.6	43.0
170	25.0	19.8	29.8

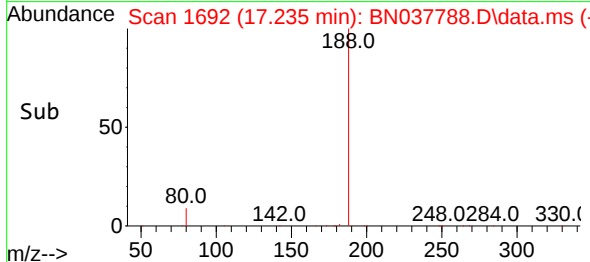
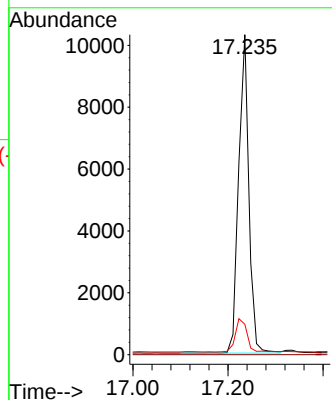
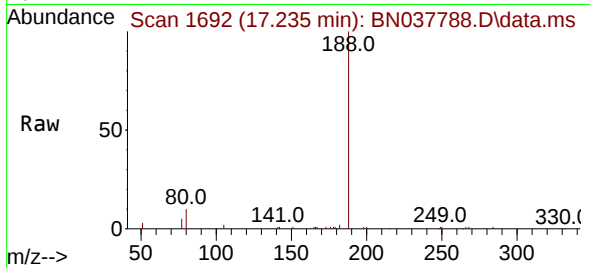




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.235 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN037788.D
Acq: 18 Sep 2025 21:51

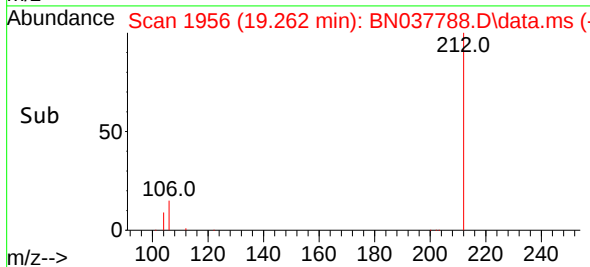
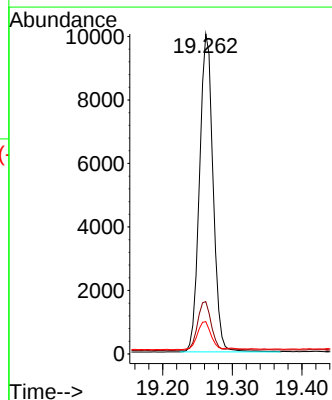
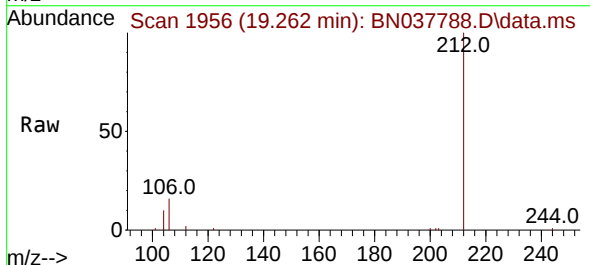
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DUP03-20250910

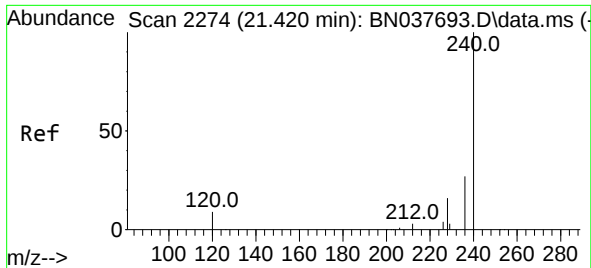
Tgt Ion:188 Resp: 15319
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.5 10.6 15.8#



#27
Fluoranthene-d10
Concen: 0.352 ng
RT: 19.262 min Scan# 1956
Delta R.T. -0.009 min
Lab File: BN037788.D
Acq: 18 Sep 2025 21:51

Tgt Ion:212 Resp: 13525
Ion Ratio Lower Upper
212 100
106 15.5 12.2 18.2
104 9.1 6.9 10.3

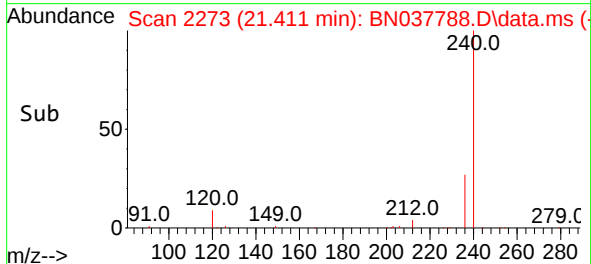
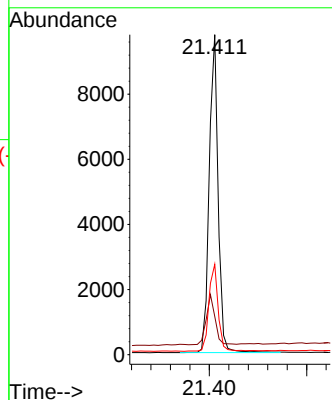
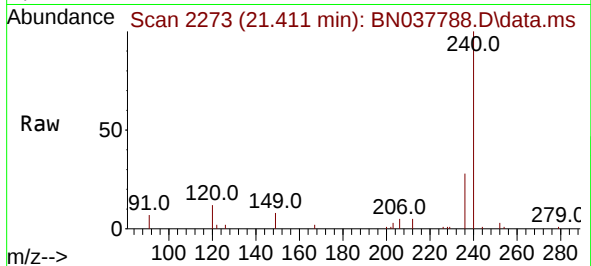




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.411 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037788.D
Acq: 18 Sep 2025 21:51

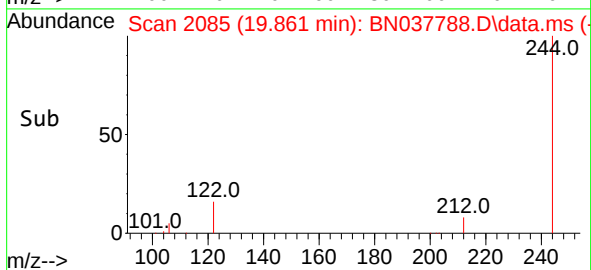
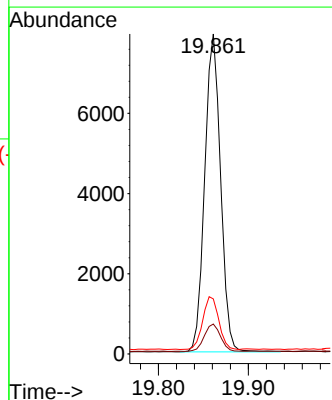
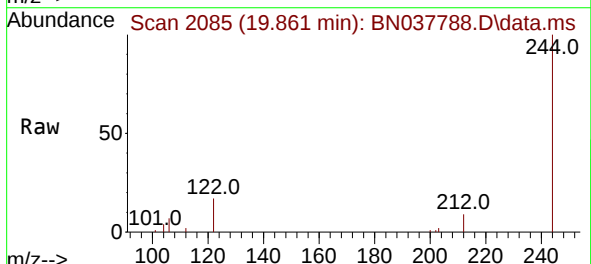
Instrument :
BNA_N
ClientSampleId :
DUP03-20250910

Tgt Ion:240 Resp: 12443
Ion Ratio Lower Upper
240 100
120 12.0 9.2 13.8
236 28.2 22.6 33.8



#31
Terphenyl-d14
Concen: 0.385 ng
RT: 19.861 min Scan# 2085
Delta R.T. -0.009 min
Lab File: BN037788.D
Acq: 18 Sep 2025 21:51

Tgt Ion:244 Resp: 9731
Ion Ratio Lower Upper
244 100
212 9.4 7.5 11.3
122 17.2 13.2 19.8

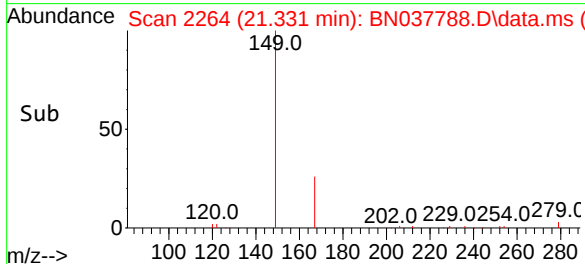
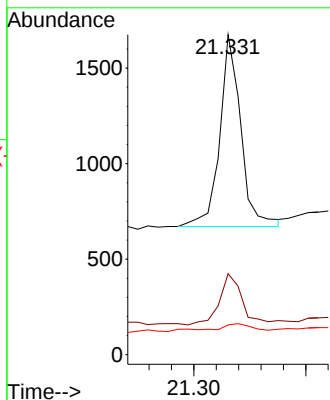
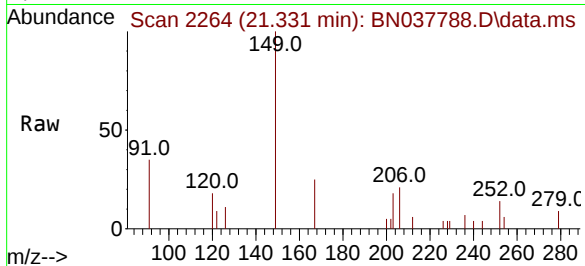




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.102 ng
 RT: 21.331 min Scan# 2131
 Delta R.T. -0.018 min
 Lab File: BN037788.D
 Acq: 18 Sep 2025 21:51

Instrument :
 BNA_N
 ClientSampleId :
 DUP03-20250910

Tgt Ion:149 Resp: 1314
 Ion Ratio Lower Upper
 149 100
 167 30.2 20.8 31.2
 279 4.0 3.3 4.9



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.741 min Scan# 2841
 Delta R.T. -0.012 min
 Lab File: BN037788.D
 Acq: 18 Sep 2025 21:51

Tgt Ion:264 Resp: 11797
 Ion Ratio Lower Upper
 264 100
 260 27.4 21.8 32.8
 265 76.3 39.4 59.2#

