

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032825\
 Data File : BN036783.D
 Acq On : 28 Mar 2025 21:14
 Operator : RC/JU
 Sample : Q1608-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP07-20250317

Quant Time: Mar 28 22:53:09 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 16:06:28 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

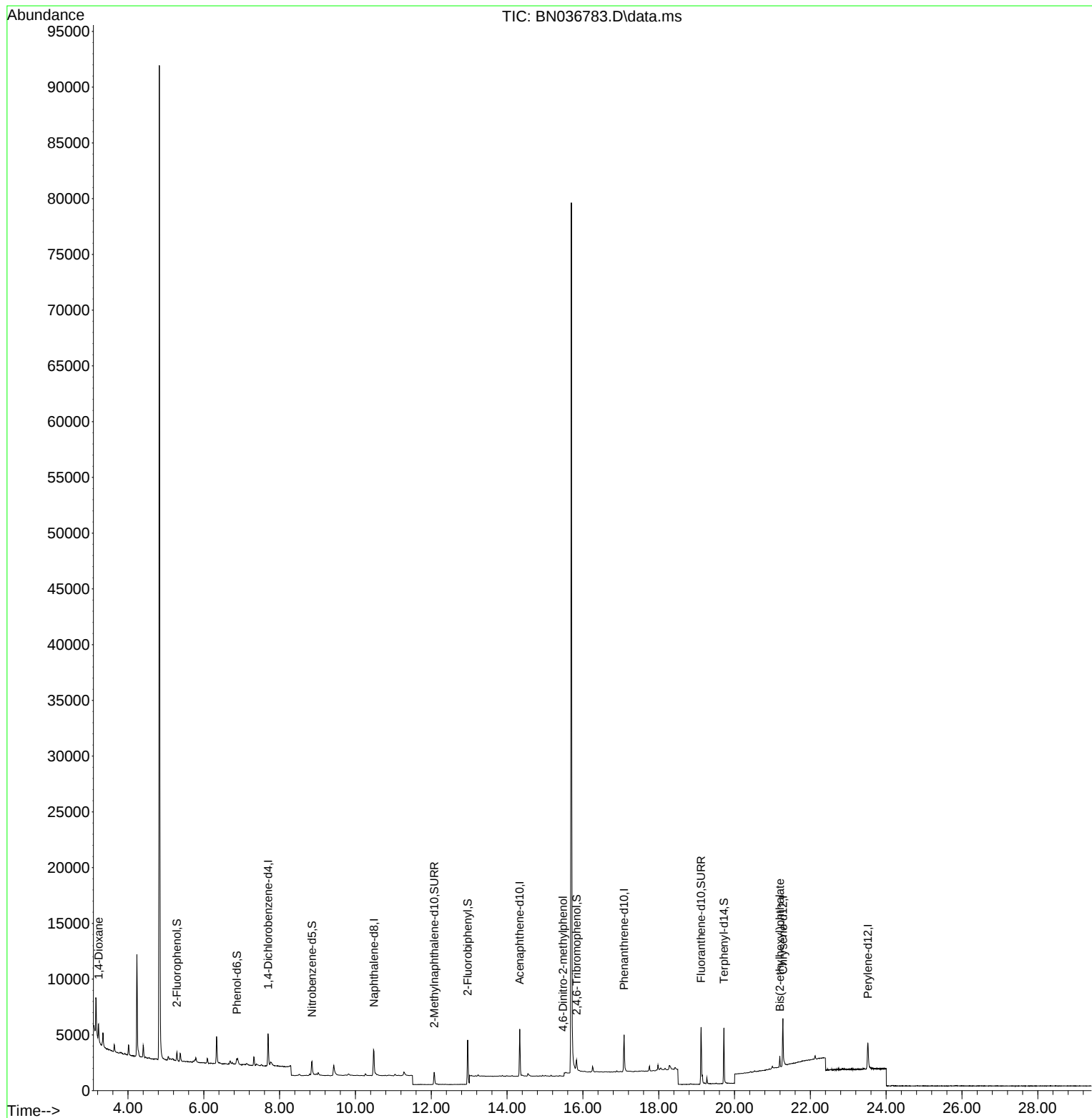
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.695	152	1407	0.400	ng	-0.03
7) Naphthalene-d8	10.487	136	3532	0.400	ng	#-0.02
13) Acenaphthene-d10	14.334	164	2299	0.400	ng	-0.03
19) Phenanthrene-d10	17.086	188	4965	0.400	ng	-0.02
29) Chrysene-d12	21.277	240	4273	0.400	ng	#-0.02
35) Perylene-d12	23.519	264	3489	0.400	ng	#-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	587	0.179	ng	-0.02
5) Phenol-d6	6.872	99	423	0.104	ng	-0.03
8) Nitrobenzene-d5	8.854	82	1330	0.346	ng	-0.02
11) 2-Methylnaphthalene-d10	12.080	152	1782	0.339	ng	-0.03
14) 2,4,6-Tribromophenol	15.833	330	541	0.519	ng	-0.02
15) 2-Fluorobiphenyl	12.963	172	5324	0.398	ng	-0.03
27) Fluoranthene-d10	19.118	212	6029	0.474	ng	-0.02
31) Terphenyl-d14	19.722	244	5083	0.497	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.225	88	822	0.527	ng	# 65
20) 4,6-Dinitro-2-methylph...	15.478	198	3	0.148	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.196	149	900	0.085	ng	97

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

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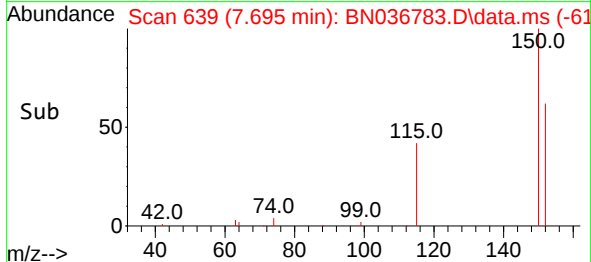
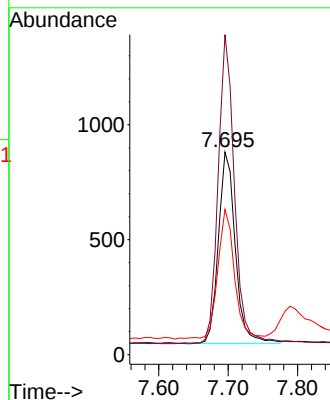
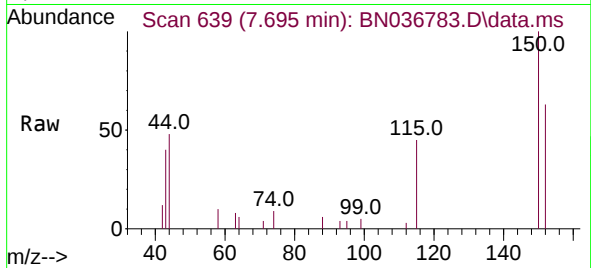




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.695 min Scan# 61
 Delta R.T. -0.029 min
 Lab File: BN036783.D
 Acq: 28 Mar 2025 21:14

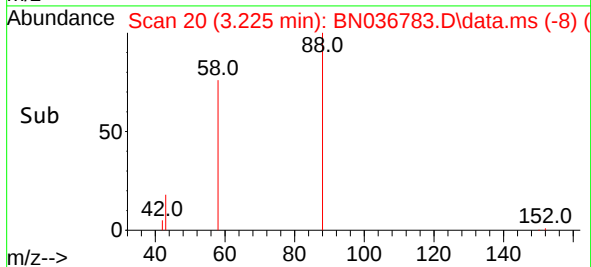
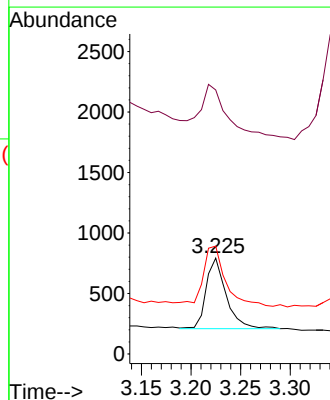
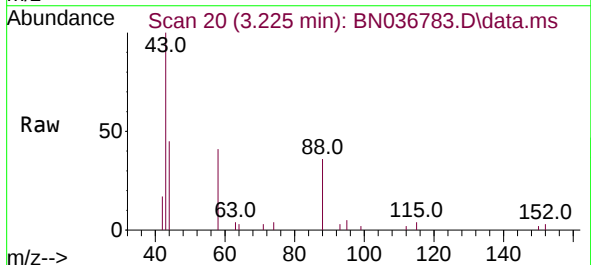
Instrument :
 BNA_N
 ClientSampleId :
 DUP07-20250317

Tgt Ion:152 Resp: 1407
 Ion Ratio Lower Upper
 152 100
 150 158.0 123.7 185.5
 115 71.7 54.3 81.5



#2
 1,4-Dioxane
 Concen: 0.527 ng
 RT: 3.225 min Scan# 20
 Delta R.T. -0.014 min
 Lab File: BN036783.D
 Acq: 28 Mar 2025 21:14

Tgt Ion: 88 Resp: 822
 Ion Ratio Lower Upper
 88 100
 43 98.1 37.8 56.8#
 58 95.0 67.4 101.2

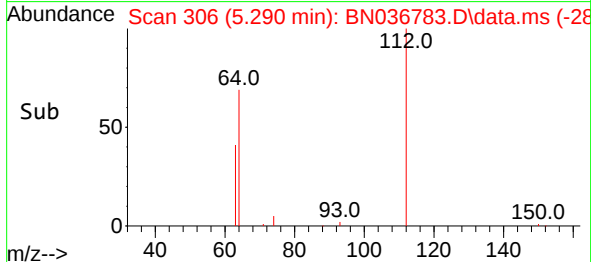
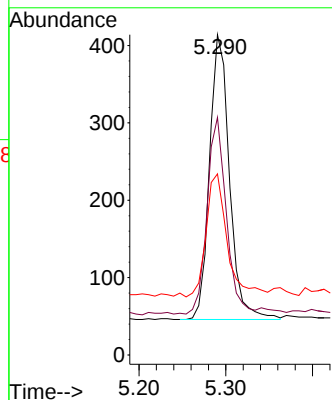
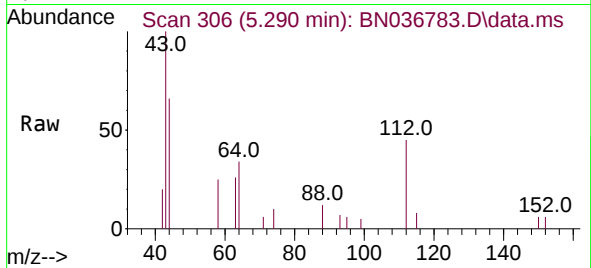




#4
2-Fluorophenol
Concen: 0.179 ng
RT: 5.290 min Scan# 309
Delta R.T. -0.022 min
Lab File: BN036783.D
Acq: 28 Mar 2025 21:14

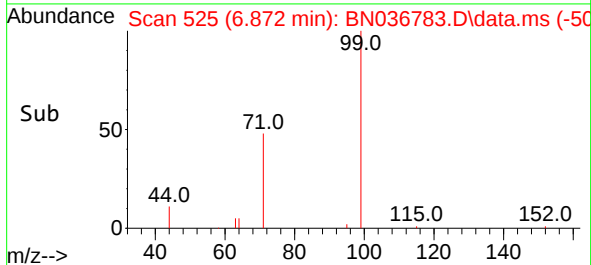
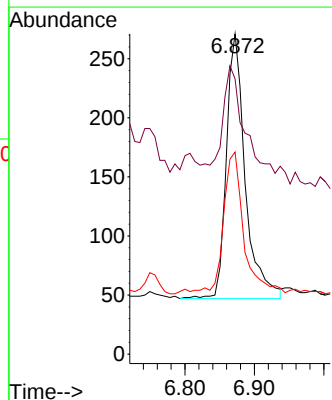
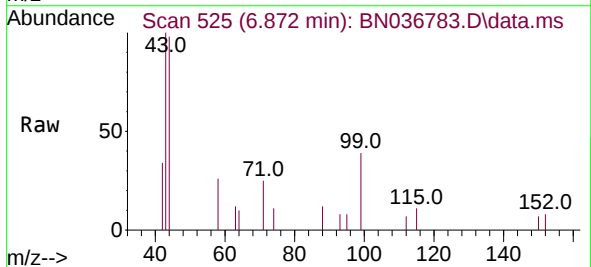
Instrument :
BNA_N
ClientSampleId :
DUP07-20250317

Tgt Ion:112 Resp: 587
Ion Ratio Lower Upper
112 100
64 66.4 53.1 79.7
63 45.3 31.8 47.8



#5
Phenol-d6
Concen: 0.104 ng
RT: 6.872 min Scan# 525
Delta R.T. -0.029 min
Lab File: BN036783.D
Acq: 28 Mar 2025 21:14

Tgt Ion: 99 Resp: 423
Ion Ratio Lower Upper
99 100
42 57.4 26.5 39.7#
71 55.6 34.1 51.1#

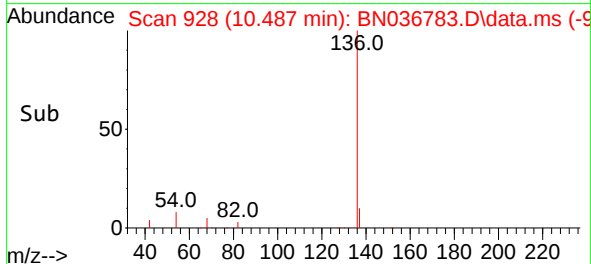
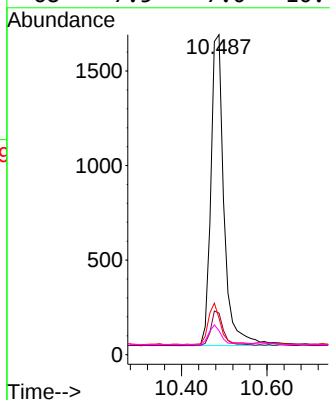
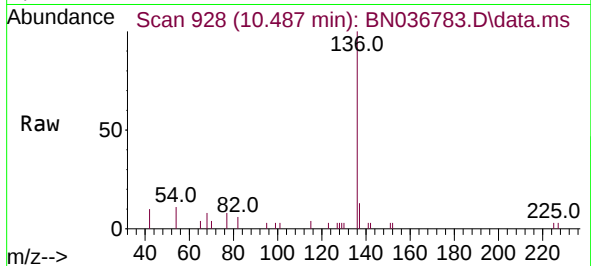




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.487 min Scan# 91
Delta R.T. -0.021 min
Lab File: BN036783.D
Acq: 28 Mar 2025 21:14

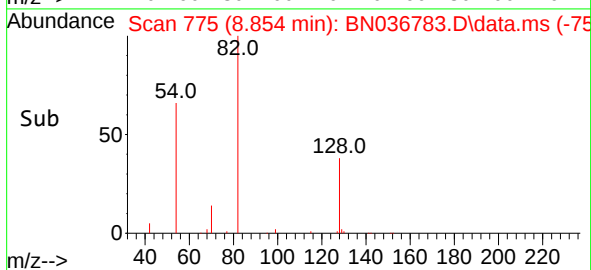
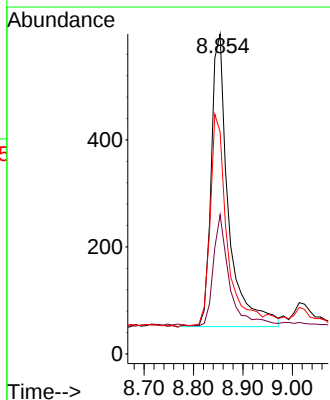
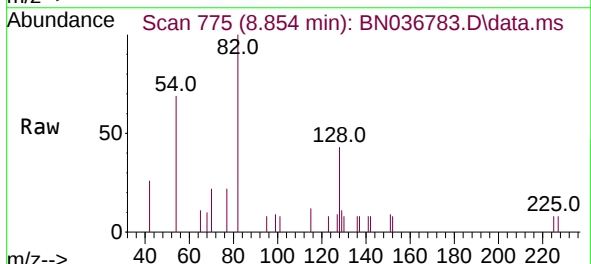
Instrument :
BNA_N
ClientSampleId :
DUP07-20250317

Tgt Ion:136	Resp:	3532
Ion Ratio	Lower	Upper
136	100	
137	13.0	10.3 15.5
54	11.4	11.5 17.3#
68	7.5	7.0 10.4



#8
Nitrobenzene-d5
Concen: 0.346 ng
RT: 8.854 min Scan# 775
Delta R.T. -0.021 min
Lab File: BN036783.D
Acq: 28 Mar 2025 21:14

Tgt Ion: 82	Resp:	1330
Ion Ratio	Lower	Upper
82	100	
128	43.5	30.6 45.8
54	69.4	52.2 78.4

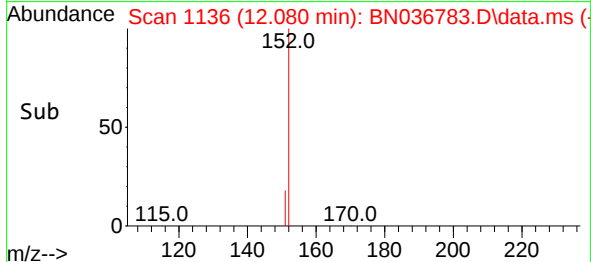
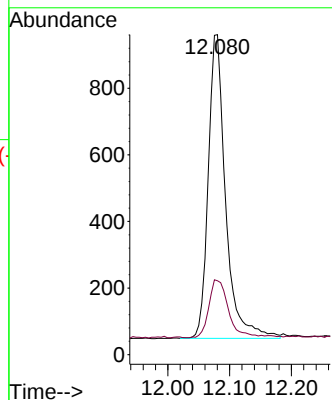
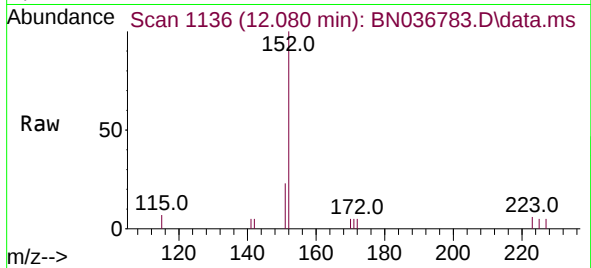




#11
2-Methylnaphthalene-d10
Concen: 0.339 ng
RT: 12.080 min Scan# 1142
Delta R.T. -0.030 min
Lab File: BN036783.D
Acq: 28 Mar 2025 21:14

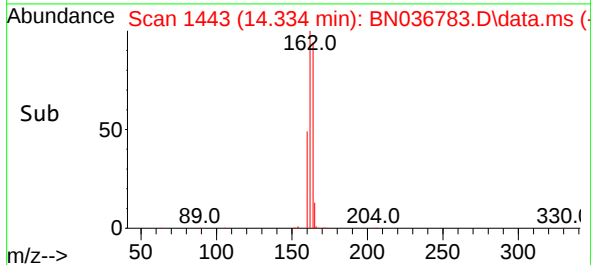
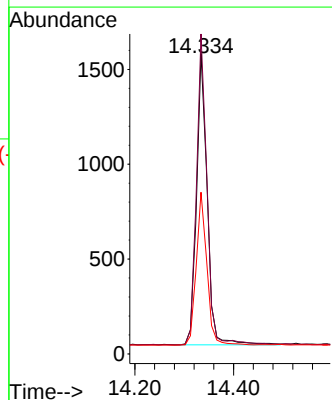
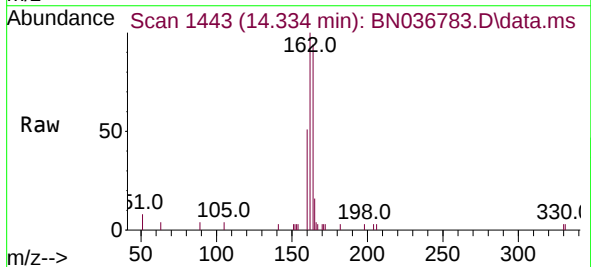
Instrument :
BNA_N
ClientSampleId :
DUP07-20250317

Tgt Ion:152 Resp: 1782
Ion Ratio Lower Upper
152 100
151 21.9 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 1443
Delta R.T. -0.032 min
Lab File: BN036783.D
Acq: 28 Mar 2025 21:14

Tgt Ion:164 Resp: 2299
Ion Ratio Lower Upper
164 100
162 106.4 84.2 126.2
160 53.8 42.2 63.2

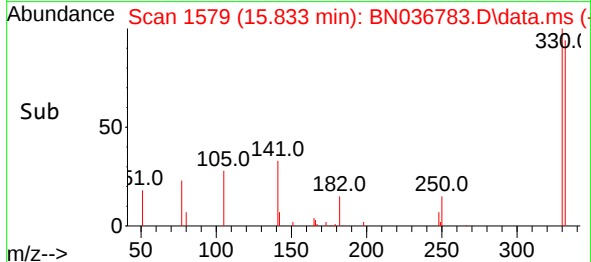
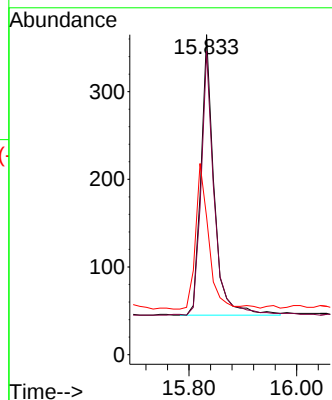
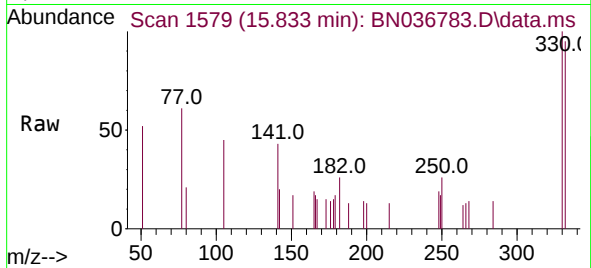




#14
2,4,6-Tribromophenol
Concen: 0.519 ng
RT: 15.833 min Scan# 11
Delta R.T. -0.025 min
Lab File: BN036783.D
Acq: 28 Mar 2025 21:14

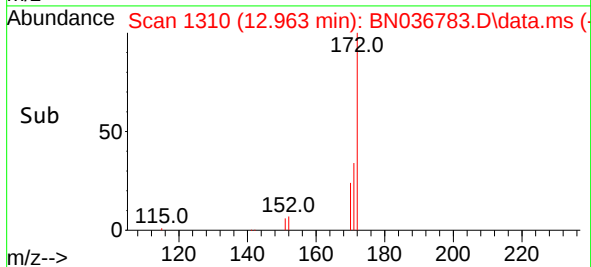
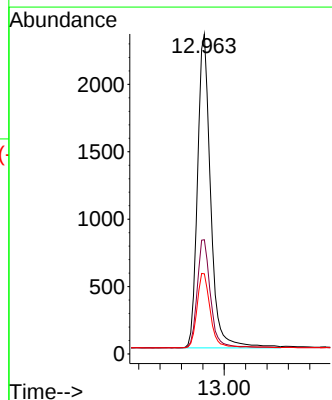
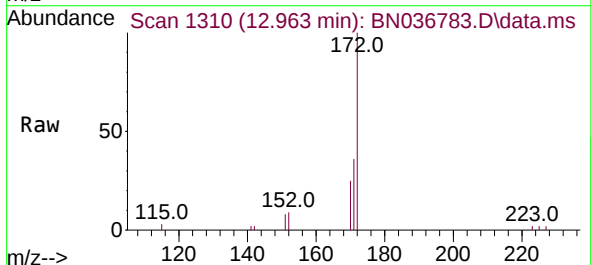
Instrument :
BNA_N
ClientSampleId :
DUP07-20250317

Tgt Ion:330 Resp: 541
Ion Ratio Lower Upper
330 100
332 94.1 75.2 112.8
141 52.5 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.398 ng
RT: 12.963 min Scan# 1310
Delta R.T. -0.025 min
Lab File: BN036783.D
Acq: 28 Mar 2025 21:14

Tgt Ion:172 Resp: 5324
Ion Ratio Lower Upper
172 100
171 35.7 29.5 44.3
170 25.1 20.2 30.4

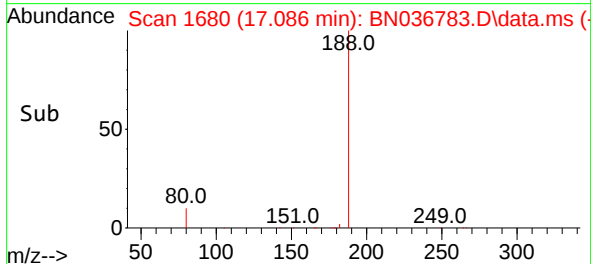
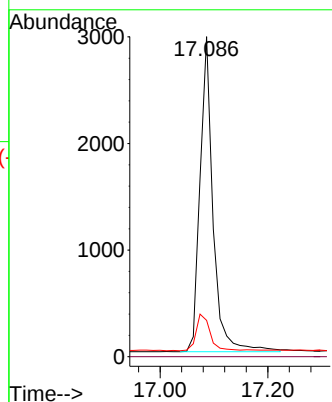
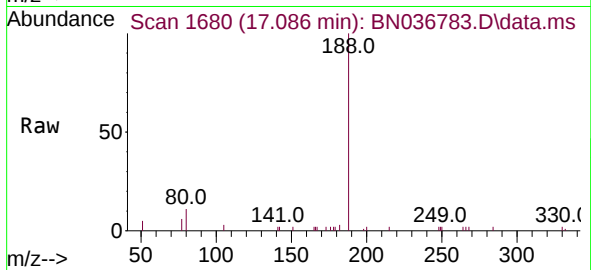




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1
Delta R.T. -0.025 min
Lab File: BN036783.D
Acq: 28 Mar 2025 21:14

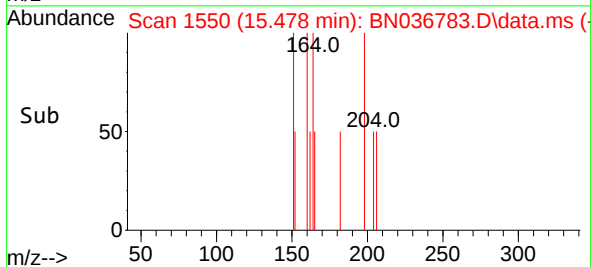
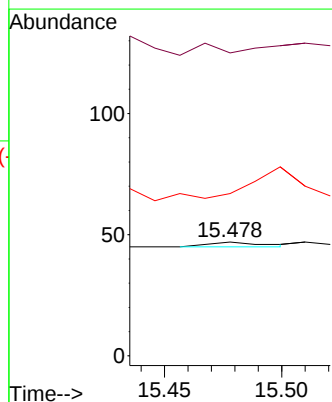
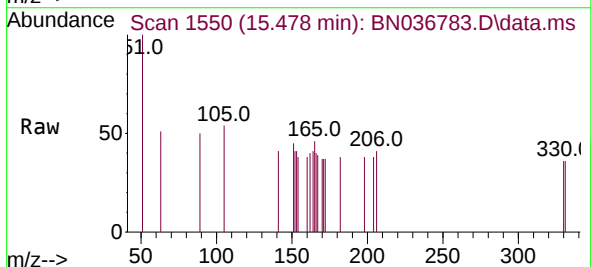
Instrument :
BNA_N
ClientSampleId :
DUP07-20250317

Tgt Ion:188 Resp: 4965
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.4 8.8 13.2



#20
4,6-Dinitro-2-methylphenol
Concen: 0.148 ng
RT: 15.478 min Scan# 1550
Delta R.T. -0.021 min
Lab File: BN036783.D
Acq: 28 Mar 2025 21:14

Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 266.0 107.9 161.9#
105 142.6 56.2 84.2#

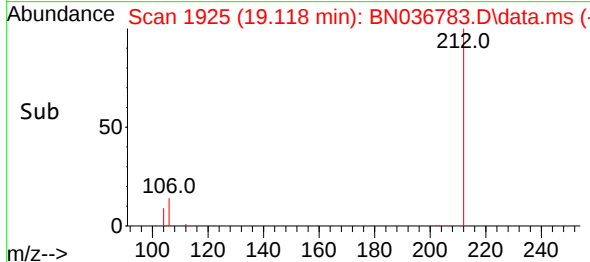
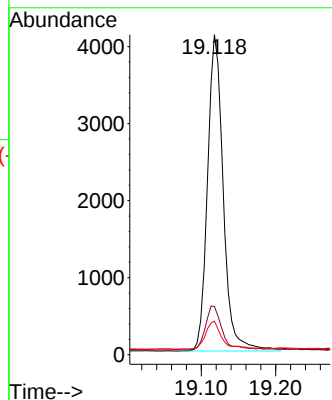
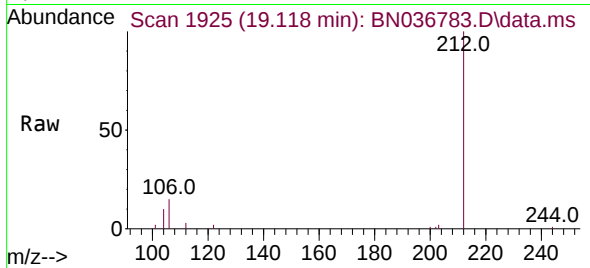




#27
Fluoranthene-d10
Concen: 0.474 ng
RT: 19.118 min Scan# 1930
Delta R.T. -0.023 min
Lab File: BN036783.D
Acq: 28 Mar 2025 21:14

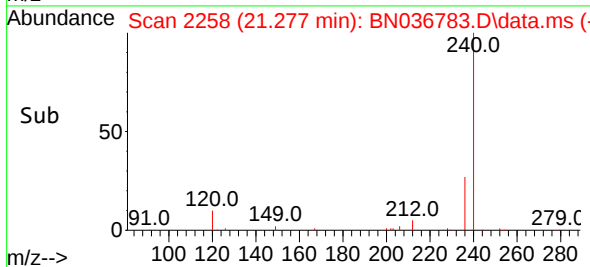
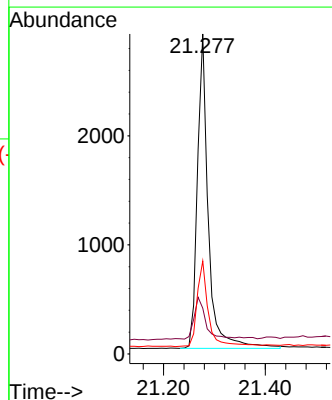
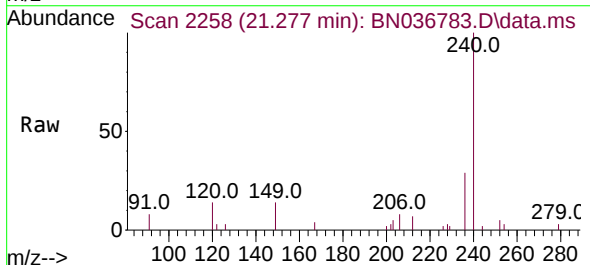
Instrument :
BNA_N
ClientSampleId :
DUP07-20250317

Tgt Ion:212 Resp: 6029
Ion Ratio Lower Upper
212 100
106 14.8 11.8 17.6
104 9.4 7.3 10.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 2258
Delta R.T. -0.018 min
Lab File: BN036783.D
Acq: 28 Mar 2025 21:14

Tgt Ion:240 Resp: 4273
Ion Ratio Lower Upper
240 100
120 14.3 14.6 22.0#
236 29.0 24.1 36.1

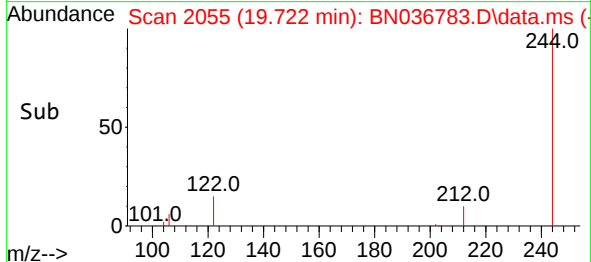
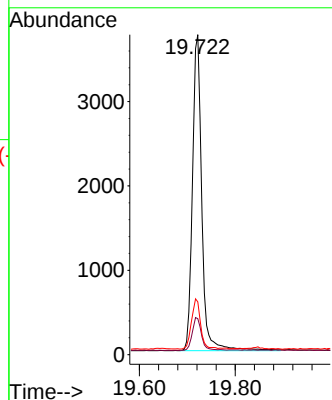
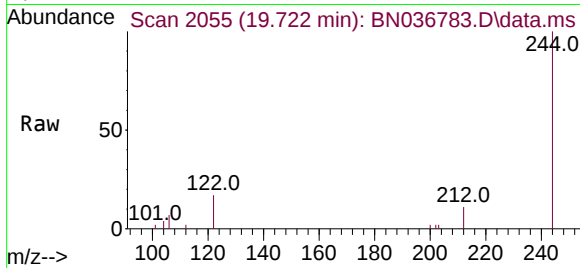




#31
 Terphenyl-d14
 Concen: 0.497 ng
 RT: 19.722 min Scan# 2060
 Delta R.T. -0.023 min
 Lab File: BN036783.D
 Acq: 28 Mar 2025 21:14

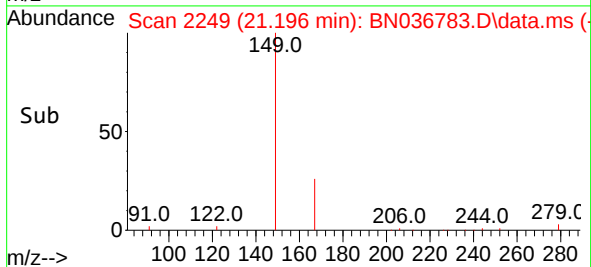
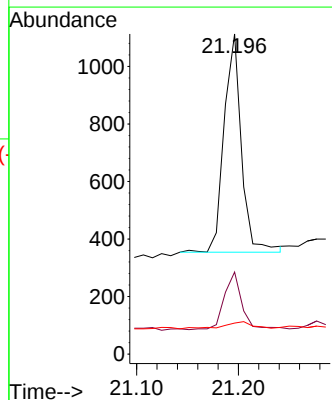
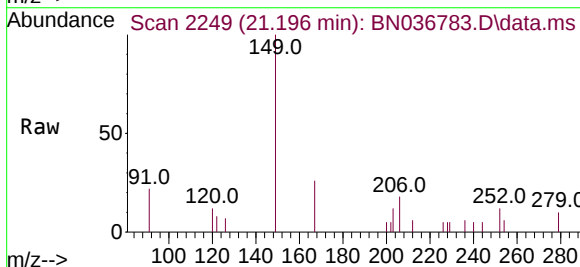
Instrument :
 BNA_N
 ClientSampleId :
 DUP07-20250317

Tgt Ion:244 Resp: 5083
 Ion Ratio Lower Upper
 244 100
 212 11.2 9.6 14.4
 122 16.5 13.9 20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.085 ng
 RT: 21.196 min Scan# 2249
 Delta R.T. -0.018 min
 Lab File: BN036783.D
 Acq: 28 Mar 2025 21:14

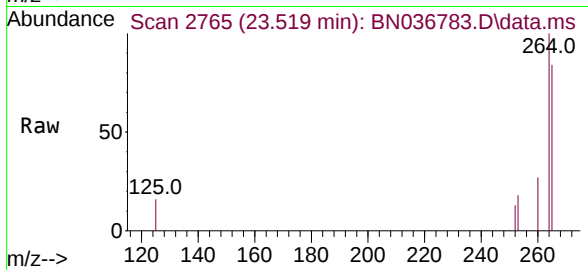
Tgt Ion:149 Resp: 900
 Ion Ratio Lower Upper
 149 100
 167 27.2 20.7 31.1
 279 5.3 3.6 5.4





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.519 min Scan# 21
 Delta R.T. -0.035 min
 Lab File: BN036783.D
 Acq: 28 Mar 2025 21:14

Instrument :
 BNA_N
 ClientSampleId :
 DUP07-20250317



Tgt Ion:264 Resp: 3489
 Ion Ratio Lower Upper
 264 100
 260 27.4 22.6 33.8
 265 83.9 88.1 132.1#

