

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032725\
 Data File : BN036731.D
 Acq On : 27 Mar 2025 11:01
 Operator : RC/JU
 Sample : Q1608-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT172S1-20250317

Quant Time: Mar 27 11:56:16 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)

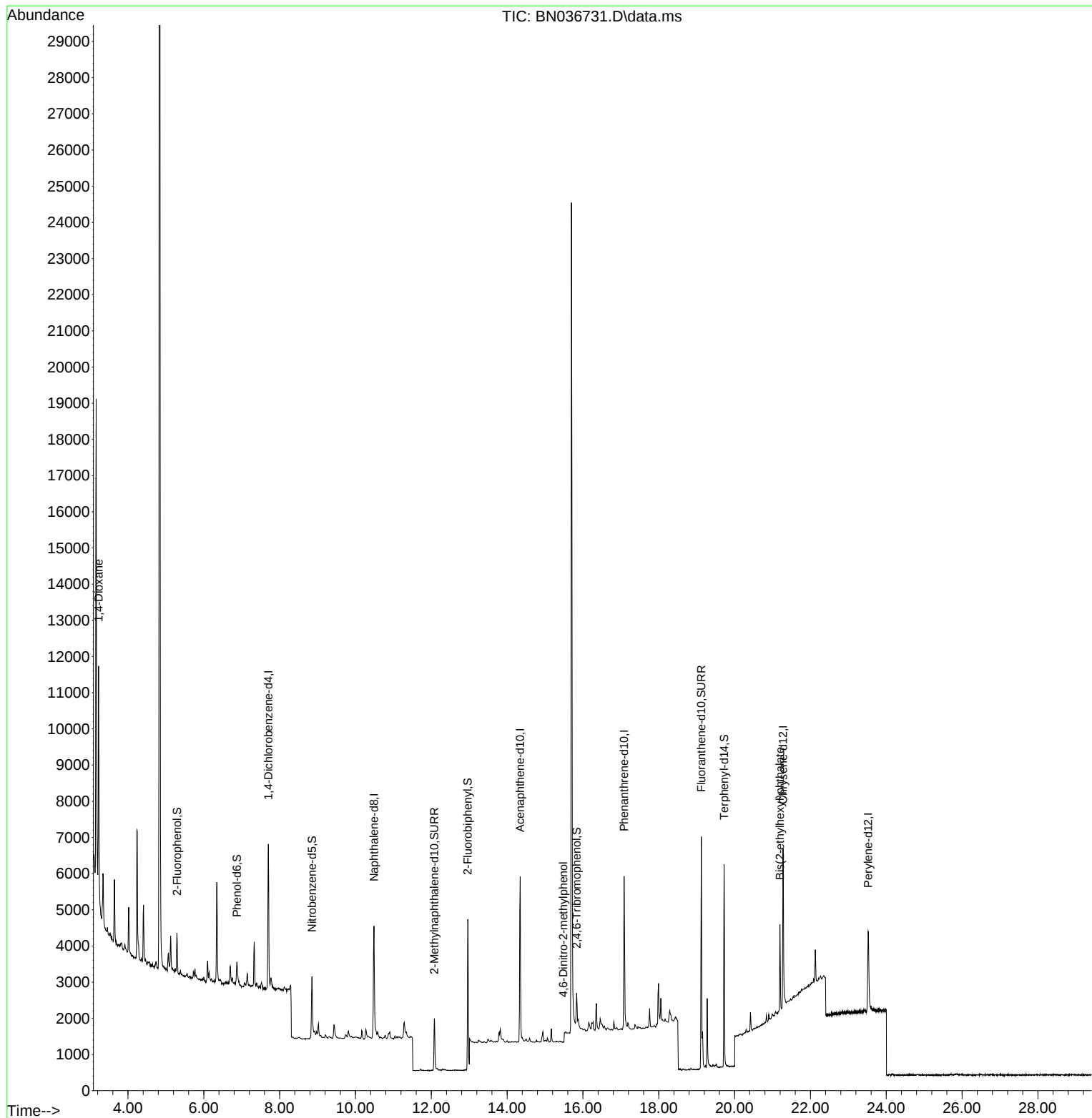
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.703	152	1886	0.400	ng	-0.02
7) Naphthalene-d8	10.487	136	4452	0.400	ng	-0.02
13) Acenaphthene-d10	14.345	164	2731	0.400	ng	-0.02
19) Phenanthrene-d10	17.086	188	5790	0.400	ng	#-0.02
29) Chrysene-d12	21.277	240	4693	0.400	ng	-0.02
35) Perylene-d12	23.525	264	3462	0.400	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.298	112	775	0.176	ng	-0.01
5) Phenol-d6	6.872	99	497	0.092	ng	-0.03
8) Nitrobenzene-d5	8.854	82	1595	0.329	ng	-0.02
11) 2-Methylnaphthalene-d10	12.080	152	2218	0.335	ng	-0.03
14) 2,4,6-Tribromophenol	15.833	330	528	0.426	ng	-0.02
15) 2-Fluorobiphenyl	12.963	172	5484	0.345	ng	-0.03
27) Fluoranthene-d10	19.122	212	7230	0.487	ng	-0.02
31) Terphenyl-d14	19.722	244	5293	0.471	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.225	88	3380	1.616	ng	# 92
20) 4,6-Dinitro-2-methylph...	15.478	198	1	0.146	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.196	149	2321	0.200	ng	# 96

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

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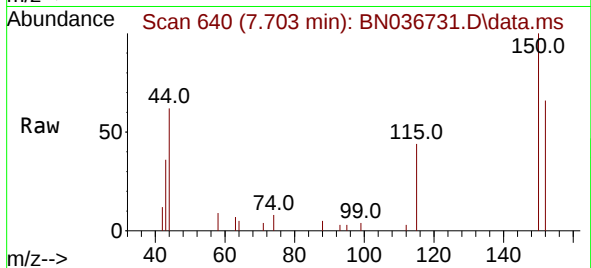
Quant Time: Mar 27 11:56:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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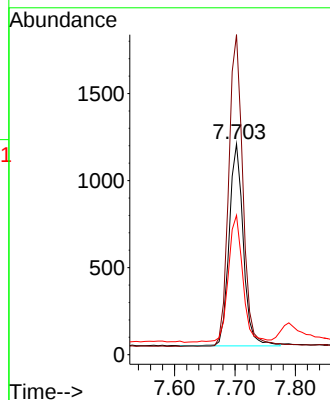
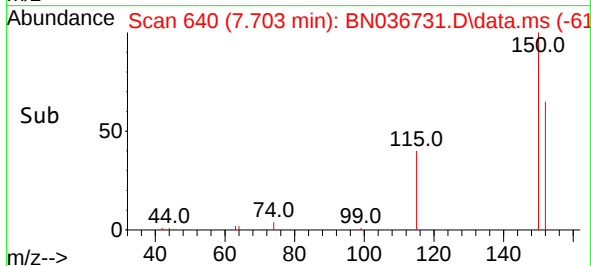


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.703 min Scan# 64
Delta R.T. -0.021 min
Lab File: BN036731.D
Acq: 27 Mar 2025 11:01

Instrument :
BNA_N
ClientSampleId :
TT172S1-20250317

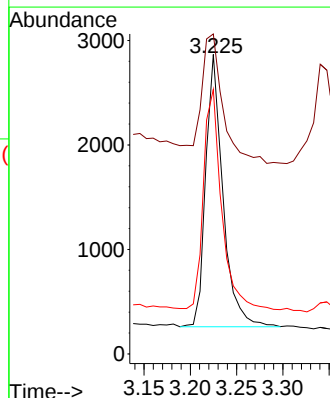
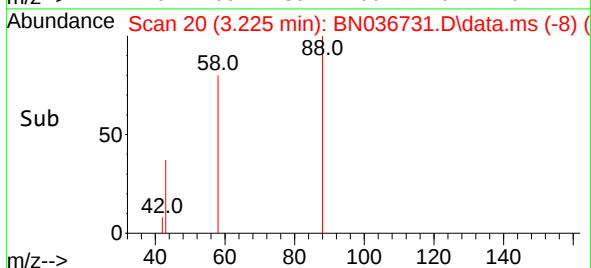
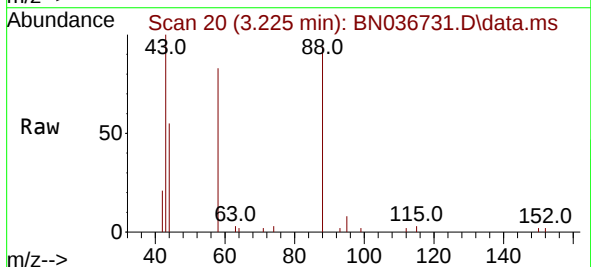


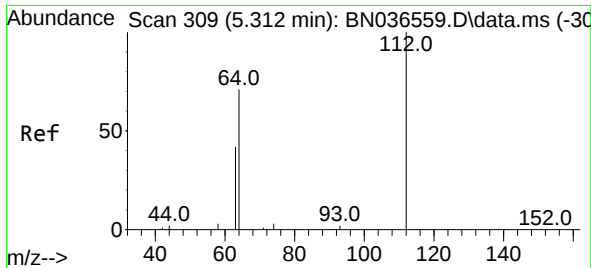
Tgt Ion:152 Resp: 1886
Ion Ratio Lower Upper
152 100
150 151.9 123.7 185.5
115 66.2 54.3 81.5



#2
1,4-Dioxane
Concen: 1.616 ng
RT: 3.225 min Scan# 20
Delta R.T. -0.014 min
Lab File: BN036731.D
Acq: 27 Mar 2025 11:01

Tgt Ion: 88 Resp: 3380
Ion Ratio Lower Upper
88 100
43 60.8 37.8 56.8#
58 85.3 67.4 101.2

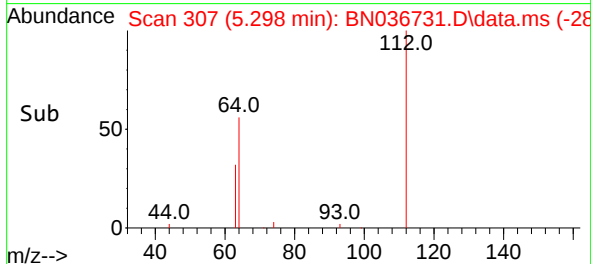
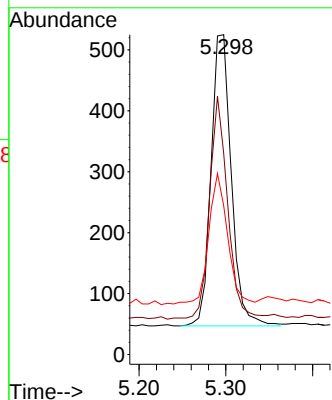
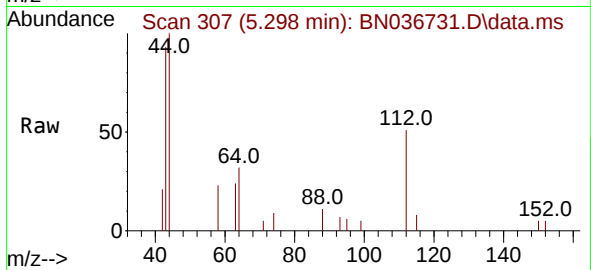




#4
2-Fluorophenol
Concen: 0.176 ng
RT: 5.298 min Scan# 307
Delta R.T. -0.014 min
Lab File: BN036731.D
Acq: 27 Mar 2025 11:01

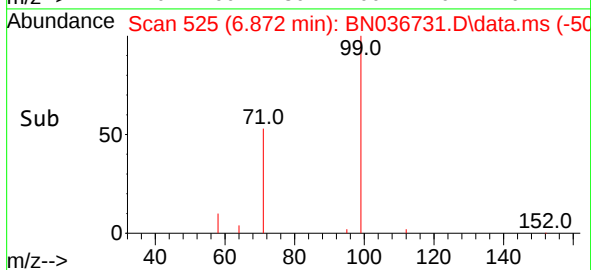
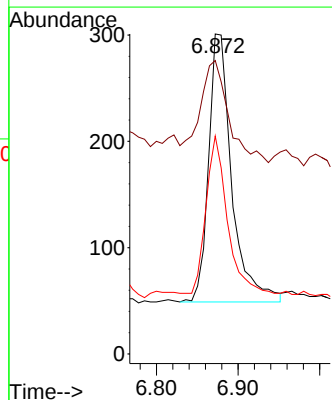
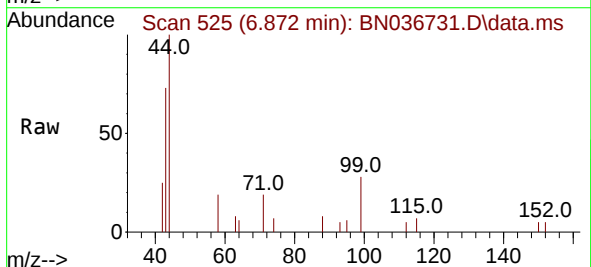
Instrument :
BNA_N
ClientSampleId :
TT172S1-20250317

Tgt Ion:112 Resp: 775
Ion Ratio Lower Upper
112 100
64 66.7 53.1 79.7
63 43.1 31.8 47.8



#5
Phenol-d6
Concen: 0.092 ng
RT: 6.872 min Scan# 525
Delta R.T. -0.029 min
Lab File: BN036731.D
Acq: 27 Mar 2025 11:01

Tgt Ion: 99 Resp: 497
Ion Ratio Lower Upper
99 100
42 47.7 26.5 39.7#
71 54.9 34.1 51.1#

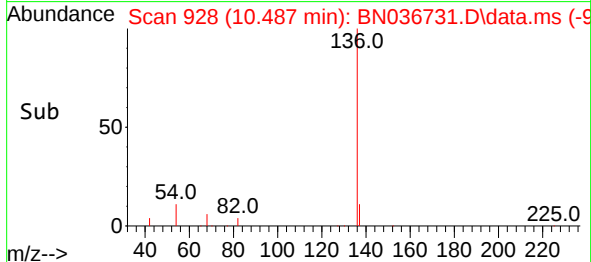
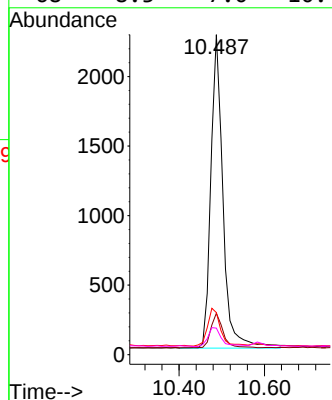
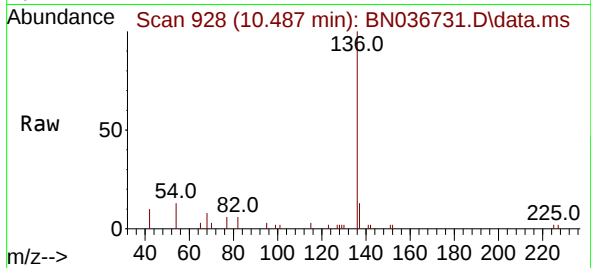




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.487 min Scan# 91
Delta R.T. -0.021 min
Lab File: BN036731.D
Acq: 27 Mar 2025 11:01

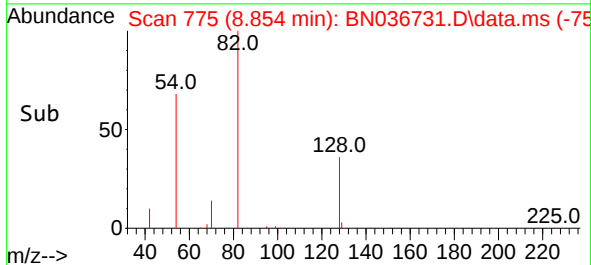
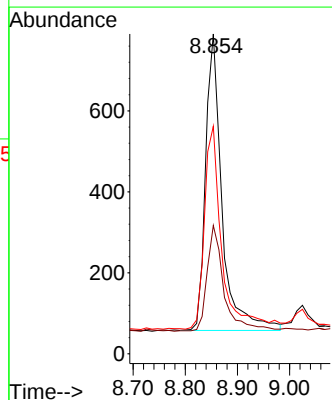
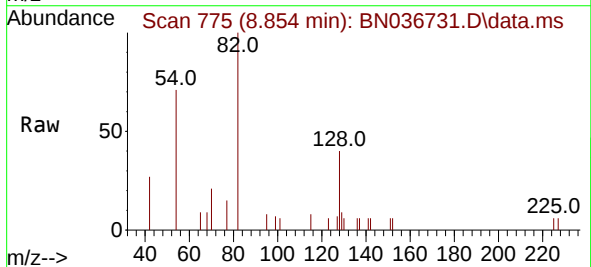
Instrument :
BNA_N
ClientSampleId :
TT172S1-20250317

Tgt Ion:	136	Resp:	4452
Ion Ratio	Lower	Upper	
136	100		
137	13.0	10.3	15.5
54	13.2	11.5	17.3
68	8.3	7.0	10.4



#8
Nitrobenzene-d5
Concen: 0.329 ng
RT: 8.854 min Scan# 775
Delta R.T. -0.021 min
Lab File: BN036731.D
Acq: 27 Mar 2025 11:01

Tgt Ion:	82	Resp:	1595
Ion Ratio	Lower	Upper	
82	100		
128	40.1	30.6	45.8
54	71.1	52.2	78.4

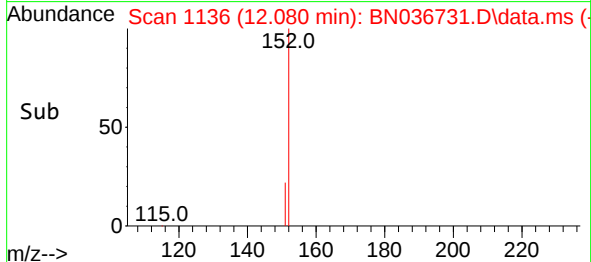
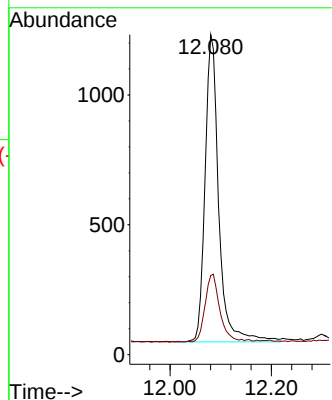
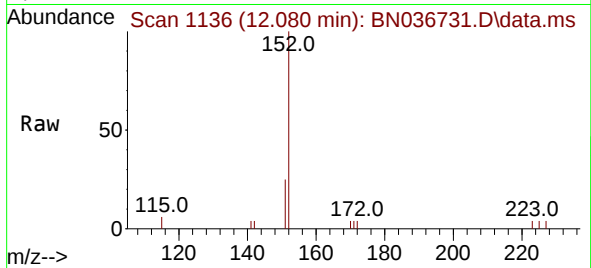




#11
2-Methylnaphthalene-d10
Concen: 0.335 ng
RT: 12.080 min Scan# 1142
Delta R.T. -0.030 min
Lab File: BN036731.D
Acq: 27 Mar 2025 11:01

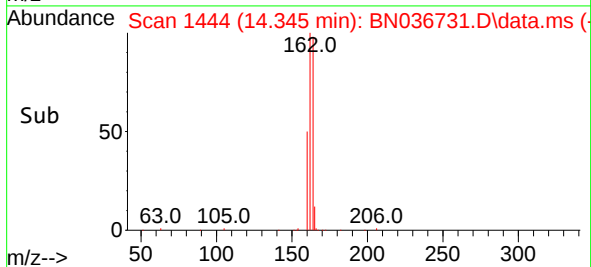
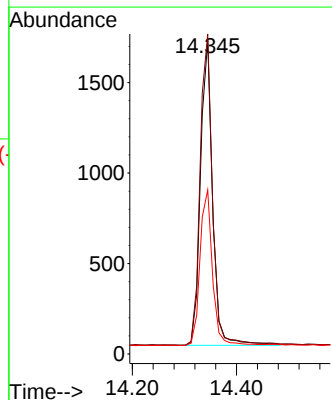
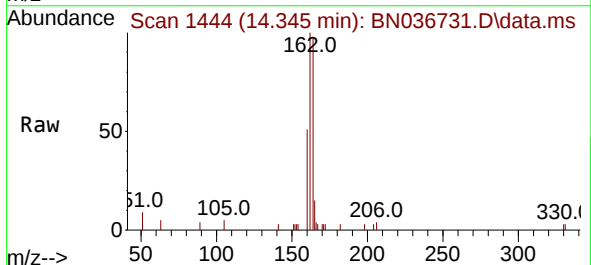
Instrument :
BNA_N
ClientSampleId :
TT172S1-20250317

Tgt Ion:152 Resp: 2218
Ion Ratio Lower Upper
152 100
151 24.1 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1444
Delta R.T. -0.021 min
Lab File: BN036731.D
Acq: 27 Mar 2025 11:01

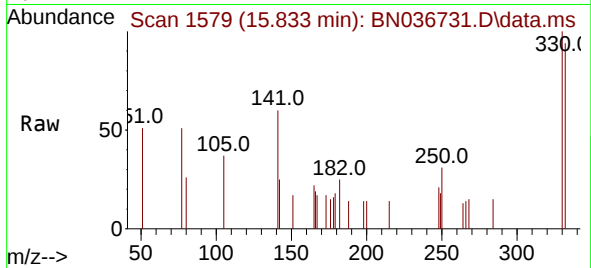
Tgt Ion:164 Resp: 2731
Ion Ratio Lower Upper
164 100
162 102.1 84.2 126.2
160 52.3 42.2 63.2



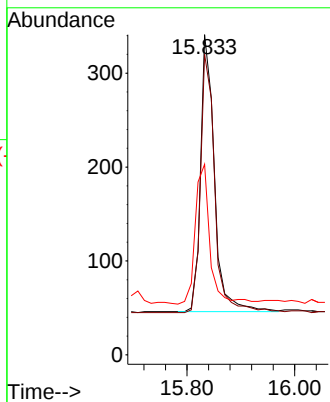
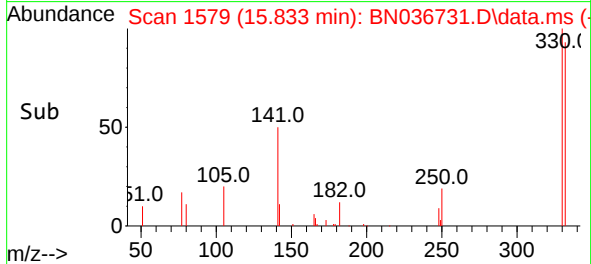


#14
2,4,6-Tribromophenol
Concen: 0.426 ng
RT: 15.833 min Scan# 11
Delta R.T. -0.025 min
Lab File: BN036731.D
Acq: 27 Mar 2025 11:01

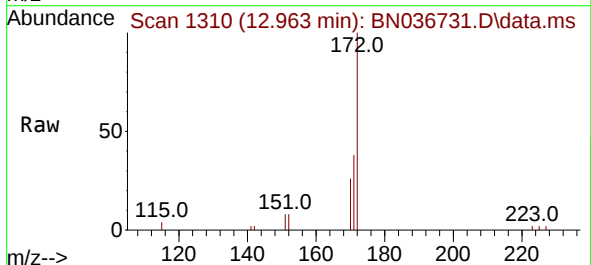
Instrument :
BNA_N
ClientSampleId :
TT172S1-20250317



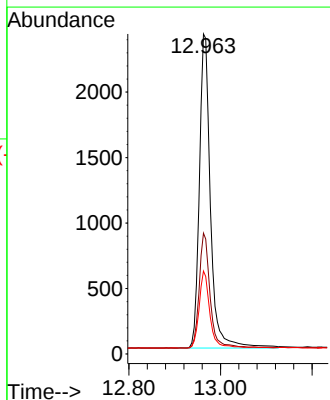
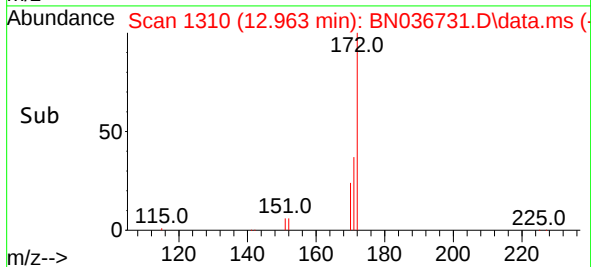
Tgt Ion:330 Resp: 528
Ion Ratio Lower Upper
330 100
332 96.4 75.2 112.8
141 54.2 43.4 65.2

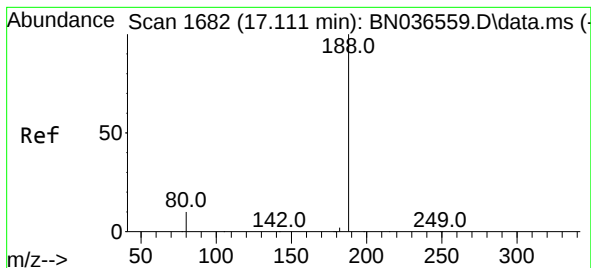


#15
2-Fluorobiphenyl
Concen: 0.345 ng
RT: 12.963 min Scan# 1310
Delta R.T. -0.025 min
Lab File: BN036731.D
Acq: 27 Mar 2025 11:01



Tgt Ion:172 Resp: 5484
Ion Ratio Lower Upper
172 100
171 37.8 29.5 44.3
170 25.9 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: BN036731.D

Acq: 27 Mar 2025 11:01

Instrument :

BNA_N

ClientSampleId :

TT172S1-20250317

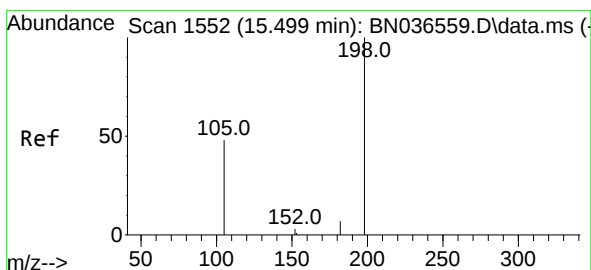
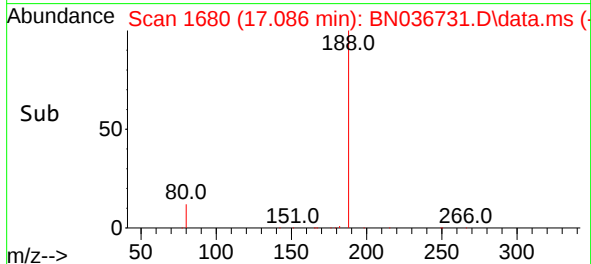
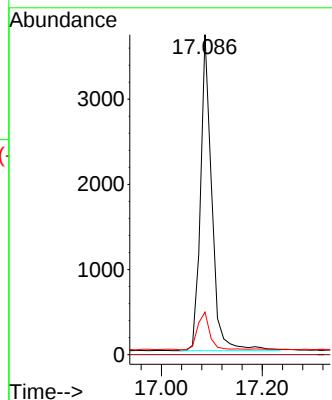
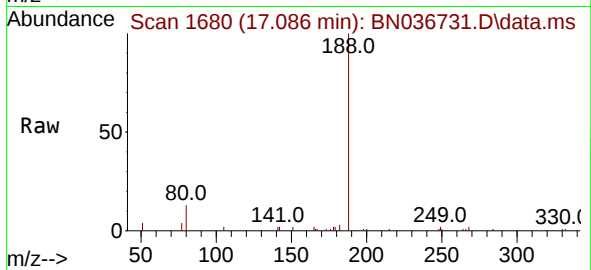
Tgt Ion:188 Resp: 5790

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.3 8.8 13.2#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.146 ng

RT: 15.478 min Scan# 1550

Delta R.T. -0.021 min

Lab File: BN036731.D

Acq: 27 Mar 2025 11:01

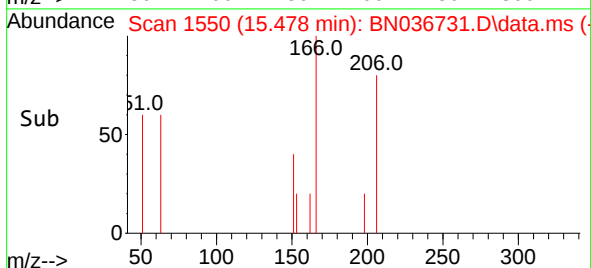
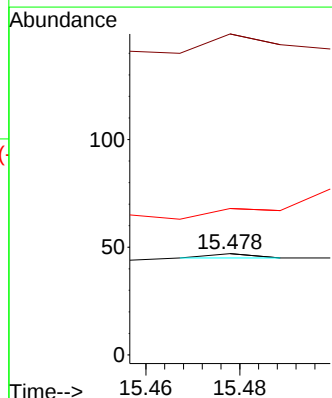
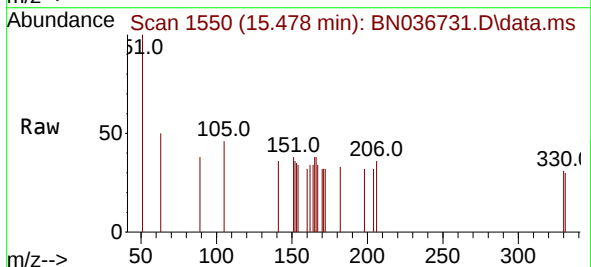
Tgt Ion:198 Resp: 1

Ion Ratio Lower Upper

198 100

51 317.0 107.9 161.9#

105 144.7 56.2 84.2#

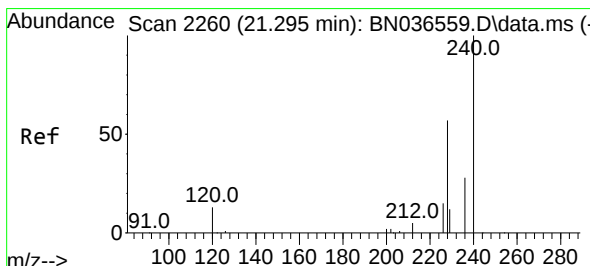
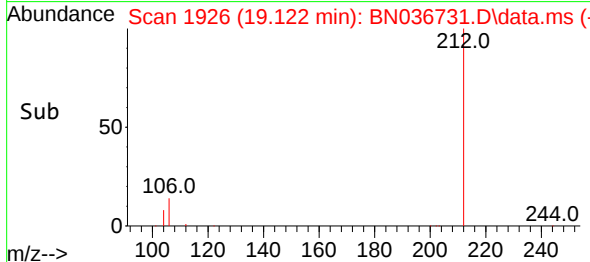
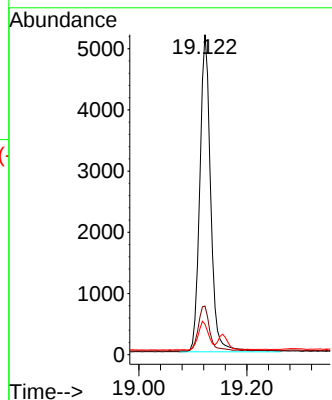
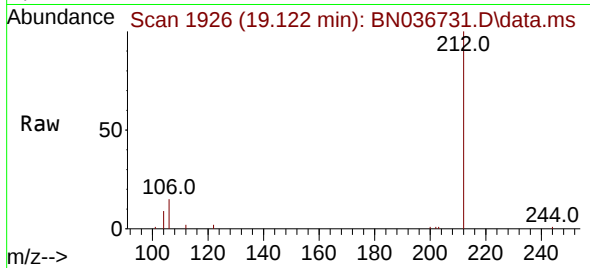




#27
Fluoranthene-d10
Concen: 0.487 ng
RT: 19.122 min Scan# 19
Delta R.T. -0.019 min
Lab File: BN036731.D
Acq: 27 Mar 2025 11:01

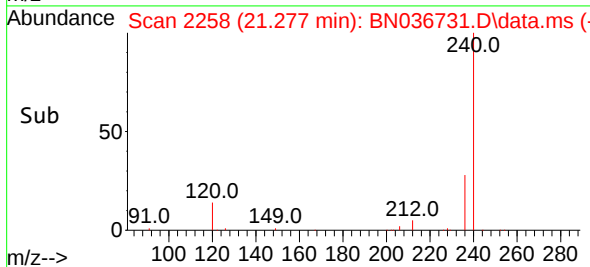
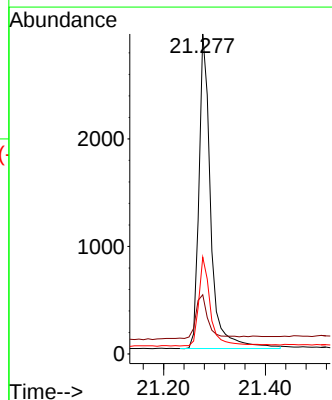
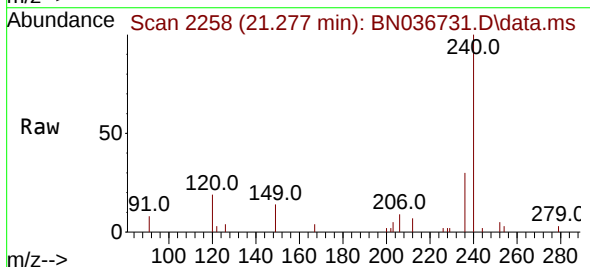
Instrument :
BNA_N
ClientSampleId :
TT172S1-20250317

Tgt Ion:212 Resp: 7230
Ion Ratio Lower Upper
212 100
106 14.9 11.8 17.6
104 8.7 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: BN036731.D
Acq: 27 Mar 2025 11:01

Tgt Ion:240 Resp: 4693
Ion Ratio Lower Upper
240 100
120 18.5 14.6 22.0
236 30.2 24.1 36.1

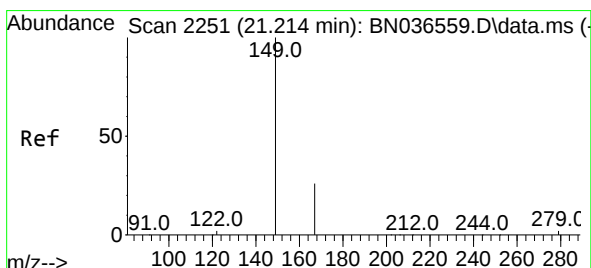
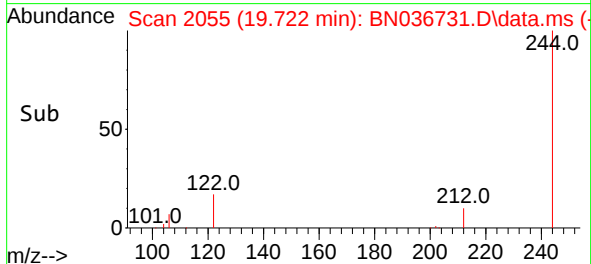
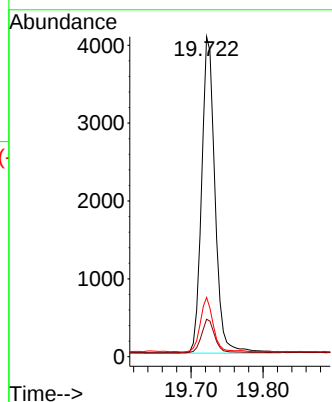
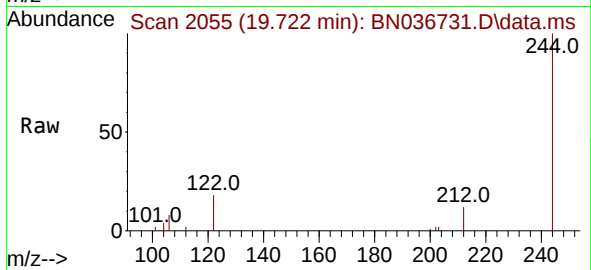




#31
 Terphenyl-d14
 Concen: 0.471 ng
 RT: 19.722 min Scan# 2060
 Delta R.T. -0.023 min
 Lab File: BN036731.D
 Acq: 27 Mar 2025 11:01

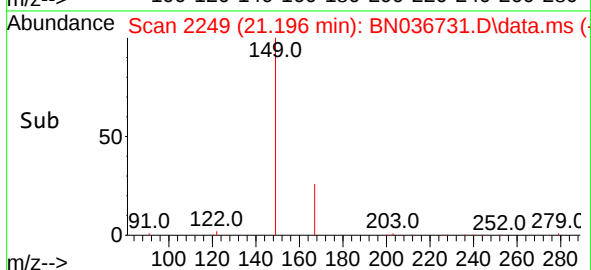
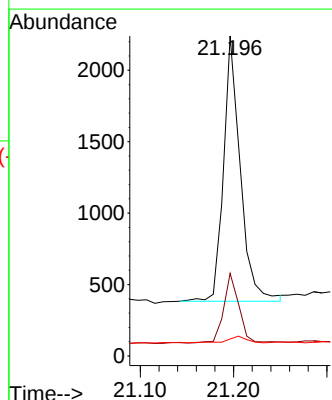
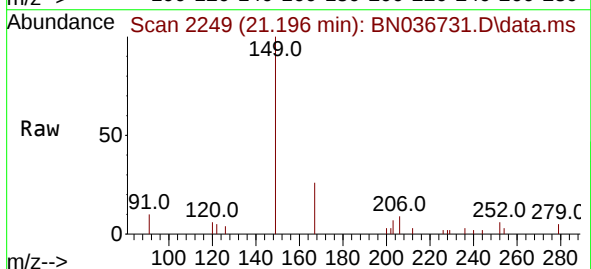
Instrument :
 BNA_N
 ClientSampleId :
 TT172S1-20250317

Tgt Ion:244 Resp: 5293
 Ion Ratio Lower Upper
 244 100
 212 11.7 9.6 14.4
 122 18.5 13.9 20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.200 ng
 RT: 21.196 min Scan# 2249
 Delta R.T. -0.018 min
 Lab File: BN036731.D
 Acq: 27 Mar 2025 11:01

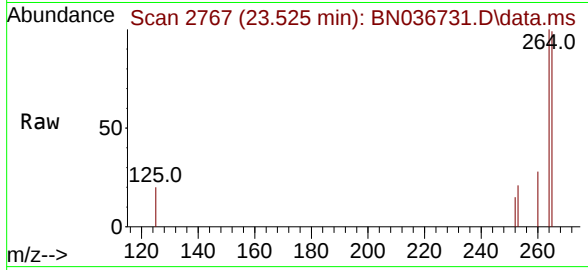
Tgt Ion:149 Resp: 2321
 Ion Ratio Lower Upper
 149 100
 167 23.9 20.7 31.1
 279 2.8 3.6 5.4#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.525 min Scan# 21
Delta R.T. -0.029 min
Lab File: BN036731.D
Acq: 27 Mar 2025 11:01

Instrument :
BNA_N
ClientSampleId :
TT172S1-20250317



Tgt Ion:264 Resp: 3462
Ion Ratio Lower Upper
264 100
260 27.8 22.6 33.8
265 99.0 88.1 132.1

