

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032825\
 Data File : BN036778.D
 Acq On : 28 Mar 2025 18:14
 Operator : RC/JU
 Sample : Q1608-17DL 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D5-20250318DL

Quant Time: Mar 28 18:36:29 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)

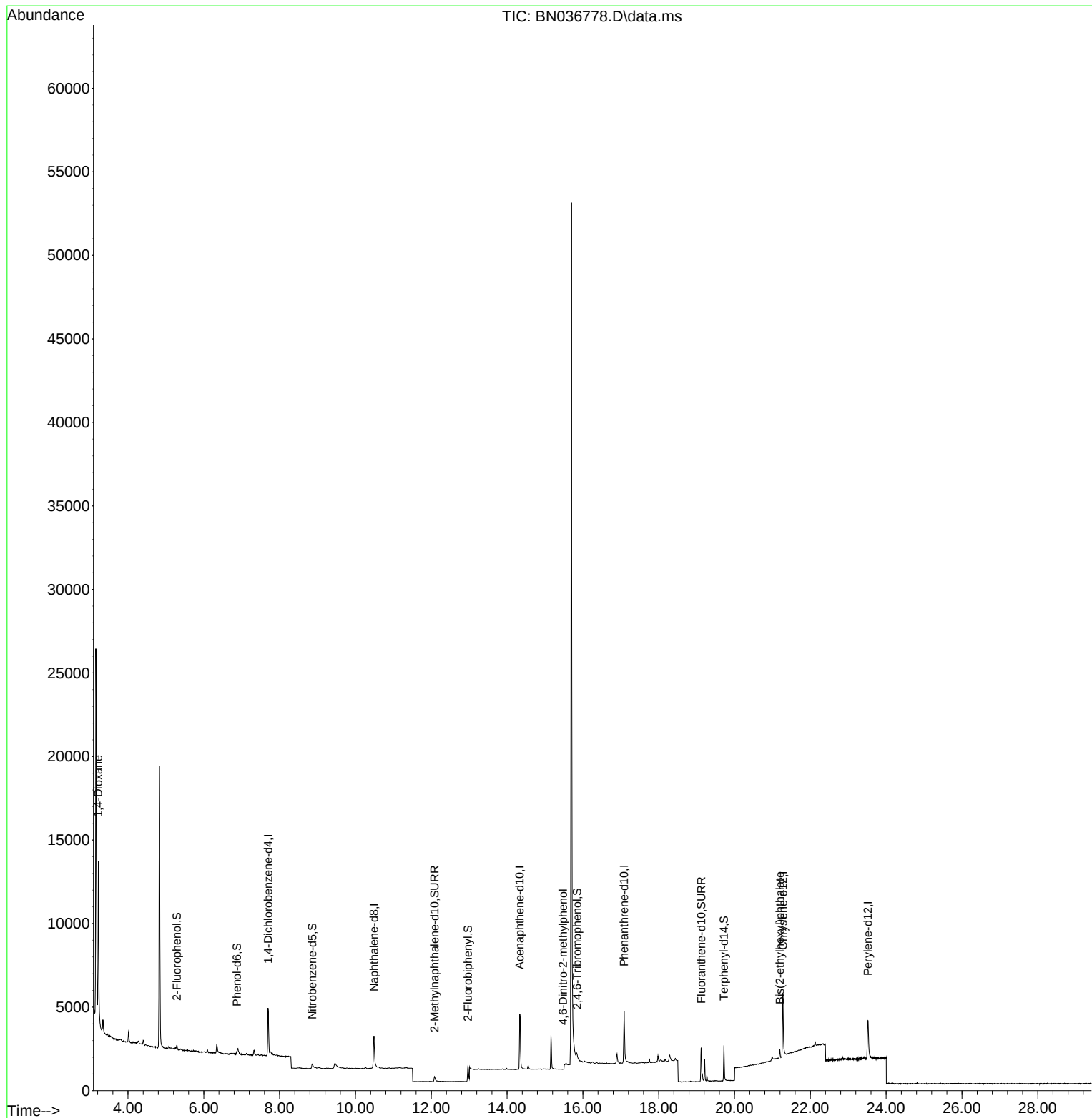
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.696	152	1470	0.400	ng	-0.03
7) Naphthalene-d8	10.487	136	3305	0.400	ng	-0.02
13) Acenaphthene-d10	14.334	164	2288	0.400	ng	-0.03
19) Phenanthrene-d10	17.086	188	5170	0.400	ng	#-0.02
29) Chrysene-d12	21.277	240	4192	0.400	ng	-0.02
35) Perylene-d12	23.519	264	3839	0.400	ng	#-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	226	0.066	ng	-0.02
5) Phenol-d6	6.872	99	143	0.034	ng	-0.03
8) Nitrobenzene-d5	8.865	82	427	0.119	ng	-0.01
11) 2-Methylnaphthalene-d10	12.086	152	672	0.137	ng	-0.03
14) 2,4,6-Tribromophenol	15.845	330	189	0.182	ng	-0.01
15) 2-Fluorobiphenyl	12.968	172	1648	0.124	ng	-0.02
27) Fluoranthene-d10	19.122	212	2604	0.197	ng	-0.02
31) Terphenyl-d14	19.722	244	2189	0.218	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.218	88	4993	3.062	ng	94
20) 4,6-Dinitro-2-methylph...	15.478	198	1	0.146	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.196	149	572	0.055	ng	# 97

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

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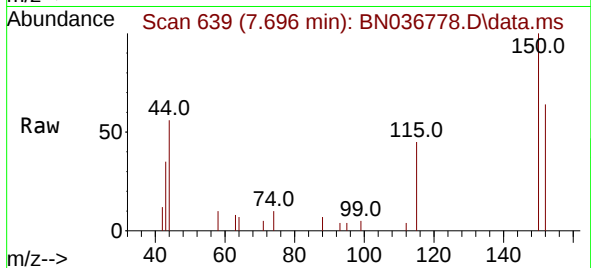
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 16:06:28 2025
Response via : Initial Calibration



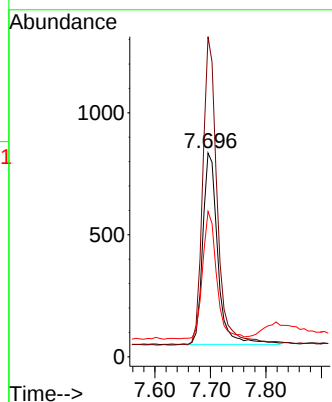
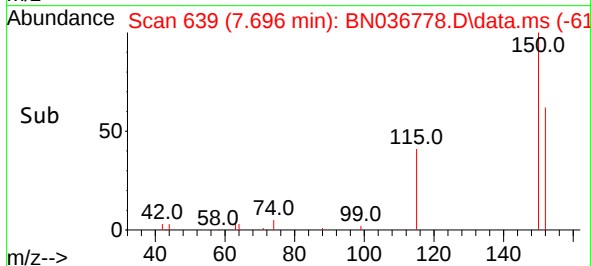


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.696 min Scan# 61
 Delta R.T. -0.029 min
 Lab File: BN036778.D
 Acq: 28 Mar 2025 18:14

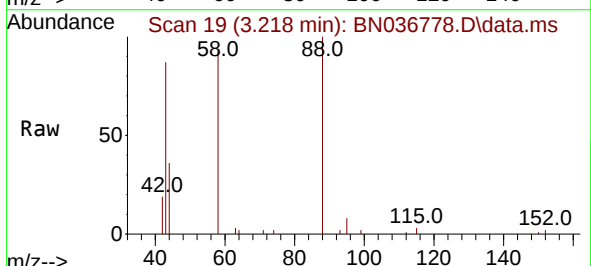
Instrument :
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 ClientSampleId :
 RE132D5-20250318DL



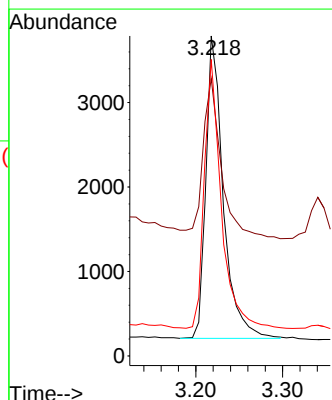
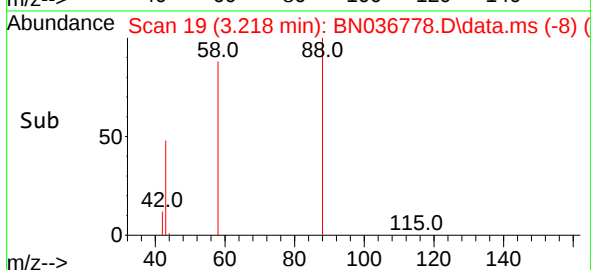
Tgt Ion:152 Resp: 1470
 Ion Ratio Lower Upper
 152 100
 150 157.1 123.7 185.5
 115 71.4 54.3 81.5



#2
 1,4-Dioxane
 Concen: 3.062 ng
 RT: 3.218 min Scan# 19
 Delta R.T. -0.021 min
 Lab File: BN036778.D
 Acq: 28 Mar 2025 18:14



Tgt Ion: 88 Resp: 4993
 Ion Ratio Lower Upper
 88 100
 43 56.2 37.8 56.8
 58 86.6 67.4 101.2

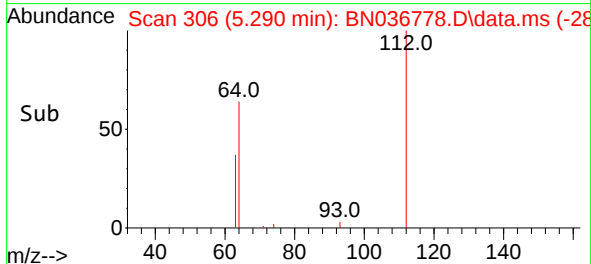
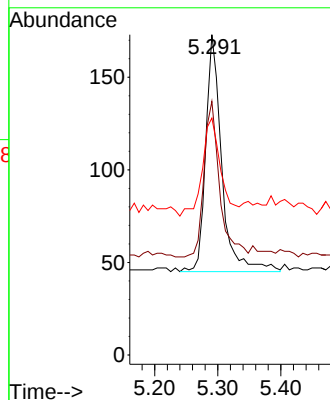
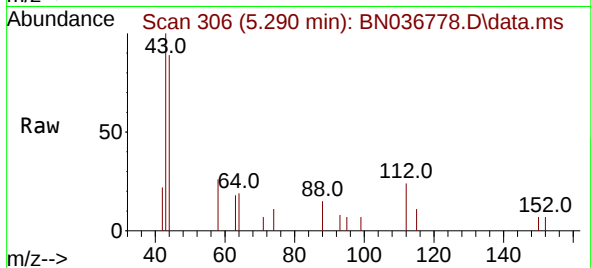




#4
2-Fluorophenol
Concen: 0.066 ng
RT: 5.290 min Scan# 309
Delta R.T. -0.022 min
Lab File: BN036778.D
Acq: 28 Mar 2025 18:14

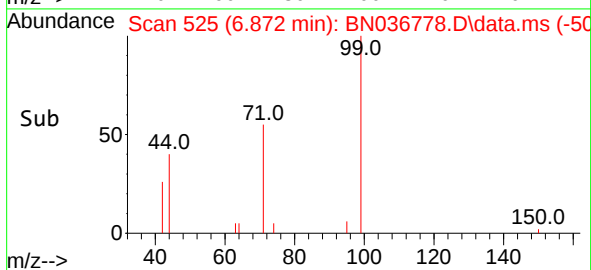
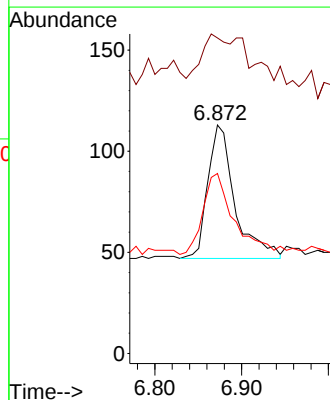
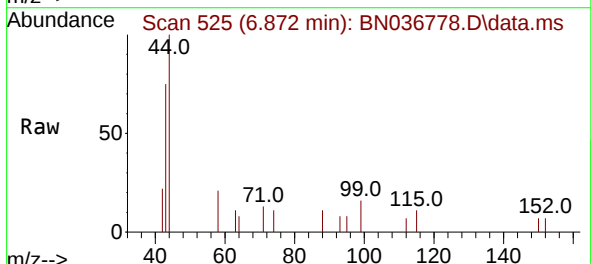
Instrument :
BNA_N
ClientSampleId :
RE132D5-20250318DL

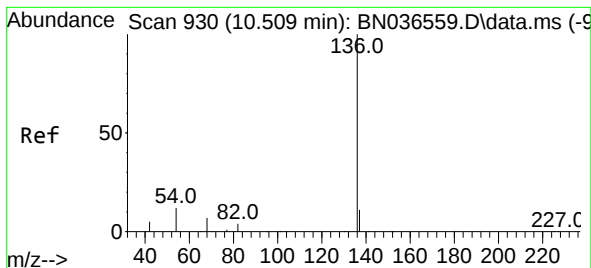
Tgt Ion:112 Resp: 226
Ion Ratio Lower Upper
112 100
64 64.2 53.1 79.7
63 47.3 31.8 47.8



#5
Phenol-d6
Concen: 0.034 ng
RT: 6.872 min Scan# 525
Delta R.T. -0.029 min
Lab File: BN036778.D
Acq: 28 Mar 2025 18:14

Tgt Ion: 99 Resp: 143
Ion Ratio Lower Upper
99 100
42 31.5 26.5 39.7
71 72.0 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: BN036778.D

Acq: 28 Mar 2025 18:14

Instrument :

BNA_N

ClientSampleId :

RE132D5-20250318DL

Tgt Ion:136 Resp: 3305

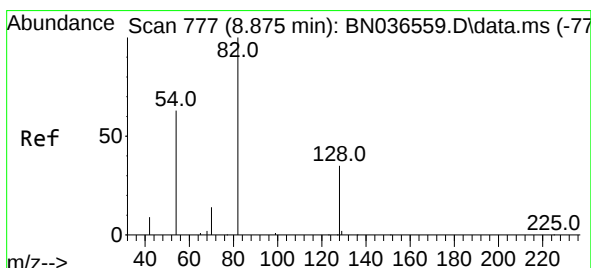
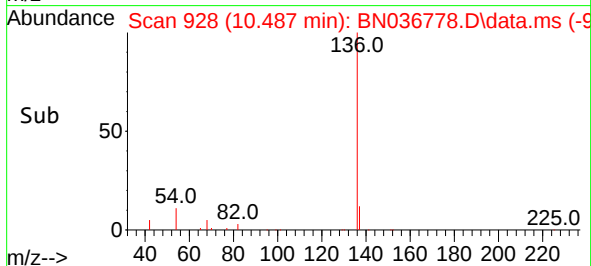
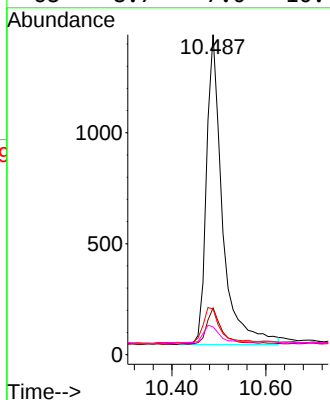
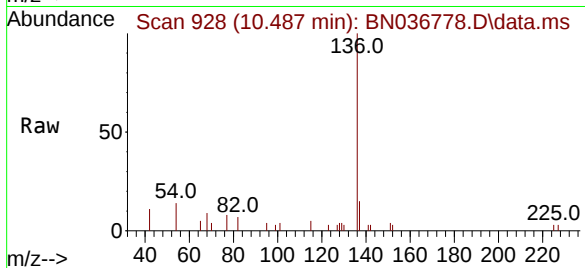
Ion Ratio Lower Upper

136 100

137 14.6 10.3 15.5

54 14.3 11.5 17.3

68 8.7 7.0 10.4



#8

Nitrobenzene-d5

Concen: 0.119 ng

RT: 8.865 min Scan# 776

Delta R.T. -0.011 min

Lab File: BN036778.D

Acq: 28 Mar 2025 18:14

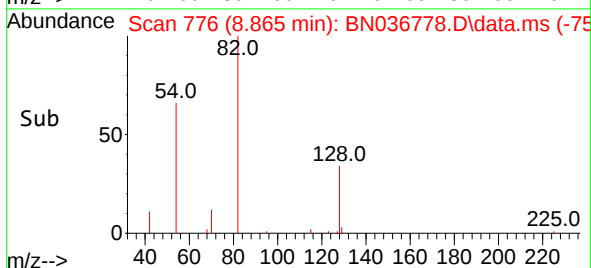
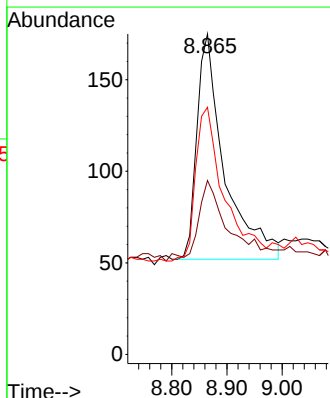
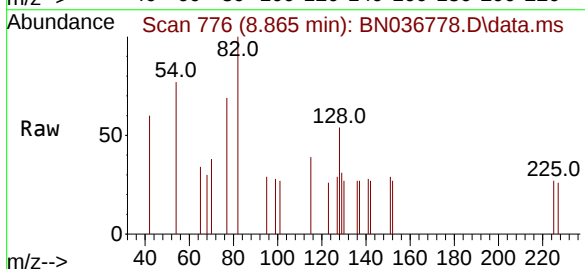
Tgt Ion: 82 Resp: 427

Ion Ratio Lower Upper

82 100

128 54.3 30.6 45.8#

54 77.1 52.2 78.4

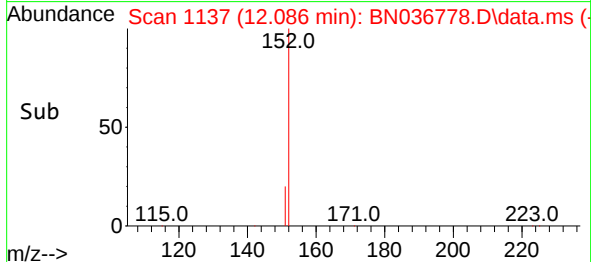
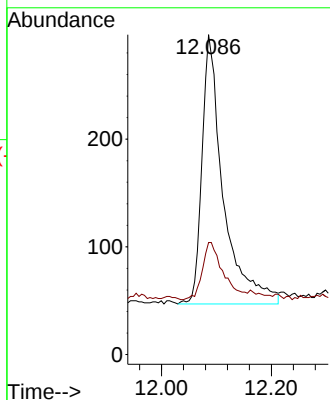
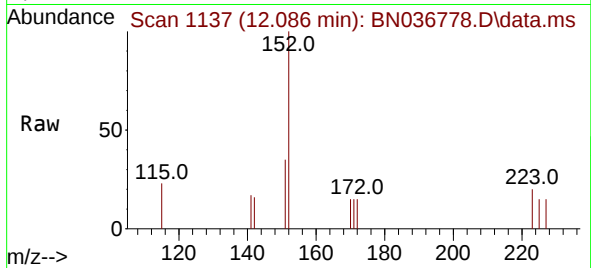




#11
2-Methylnaphthalene-d10
Concen: 0.137 ng
RT: 12.086 min Scan# 1142
Delta R.T. -0.025 min
Lab File: BN036778.D
Acq: 28 Mar 2025 18:14

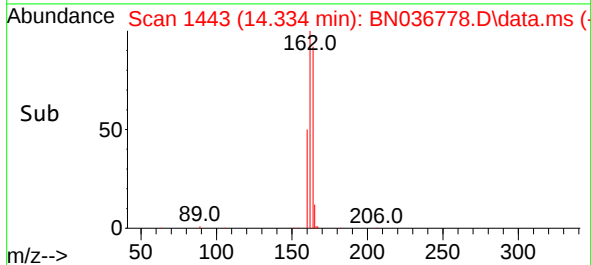
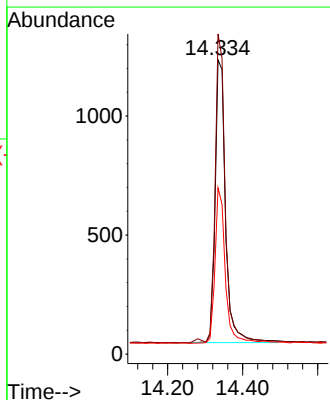
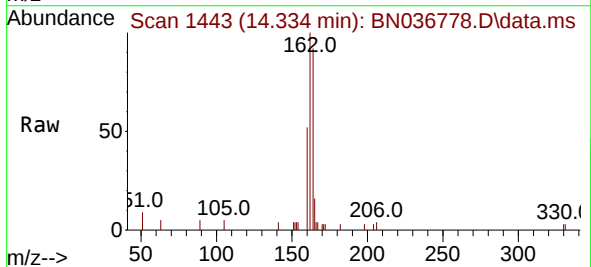
Instrument :
BNA_N
ClientSampleId :
RE132D5-20250318DL

Tgt Ion:152 Resp: 672
Ion Ratio Lower Upper
152 100
151 21.0 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: BN036778.D
Acq: 28 Mar 2025 18:14

Tgt Ion:164 Resp: 2288
Ion Ratio Lower Upper
164 100
162 108.8 84.2 126.2
160 56.5 42.2 63.2

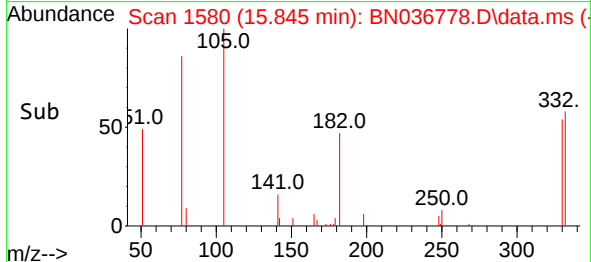
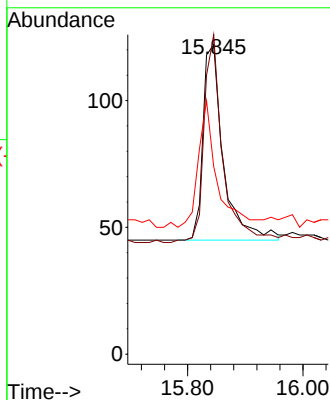
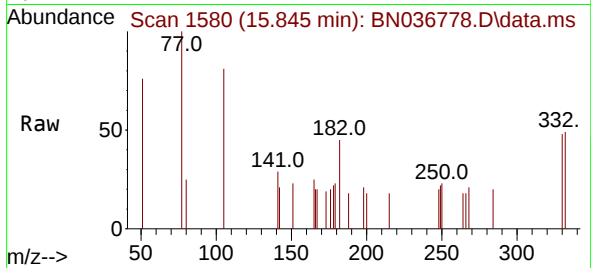




#14
2,4,6-Tribromophenol
Concen: 0.182 ng
RT: 15.845 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN036778.D
Acq: 28 Mar 2025 18:14

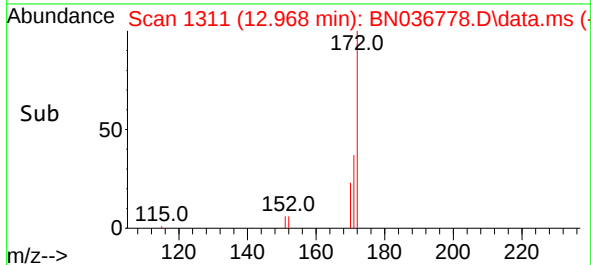
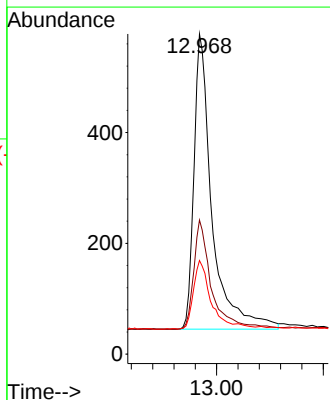
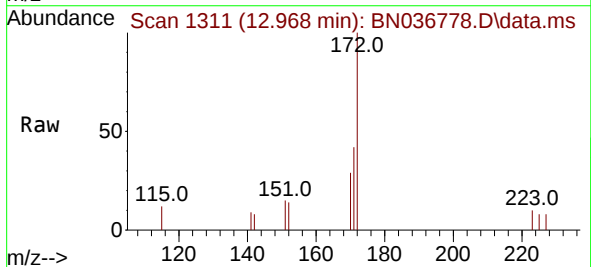
Instrument :
BNA_N
ClientSampleId :
RE132D5-20250318DL

Tgt Ion:330 Resp: 189
Ion Ratio Lower Upper
330 100
332 98.9 75.2 112.8
141 59.8 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.124 ng
RT: 12.968 min Scan# 1311
Delta R.T. -0.020 min
Lab File: BN036778.D
Acq: 28 Mar 2025 18:14

Tgt Ion:172 Resp: 1648
Ion Ratio Lower Upper
172 100
171 41.9 29.5 44.3
170 29.2 20.2 30.4

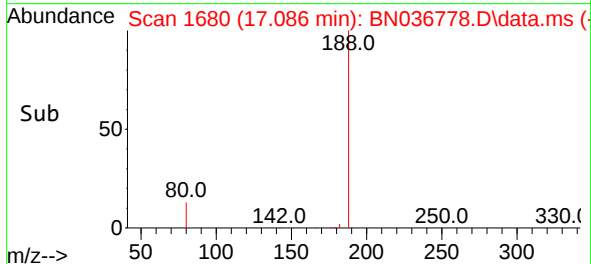
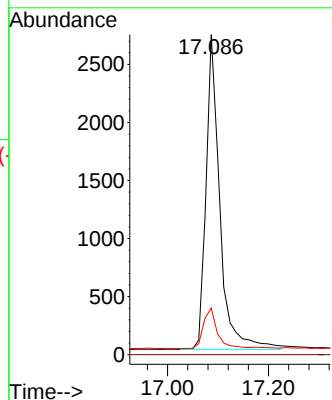
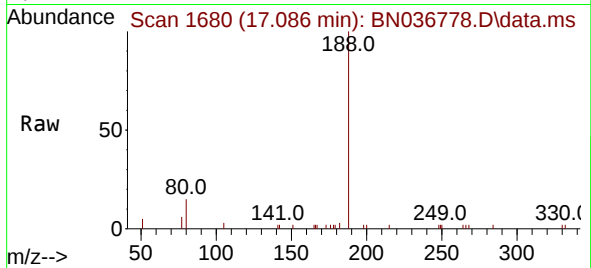




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1
Delta R.T. -0.025 min
Lab File: BN036778.D
Acq: 28 Mar 2025 18:14

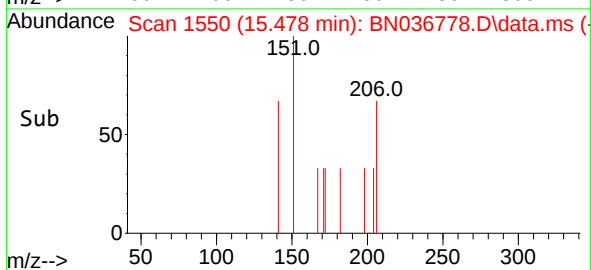
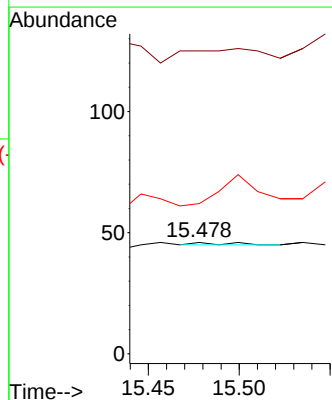
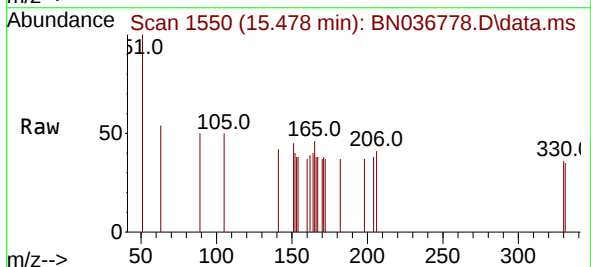
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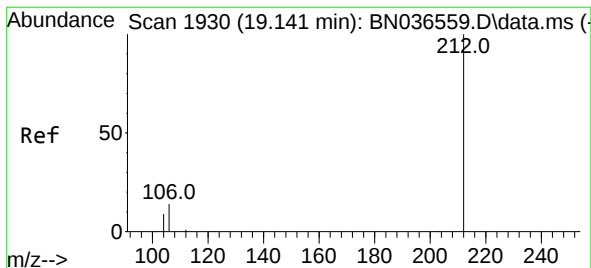
Tgt Ion:188 Resp: 5170
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.6 8.8 13.2#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.146 ng
RT: 15.478 min Scan# 1550
Delta R.T. -0.021 min
Lab File: BN036778.D
Acq: 28 Mar 2025 18:14

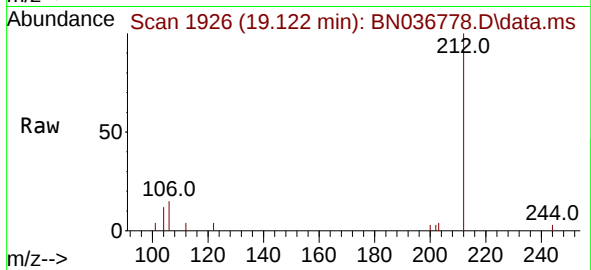
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 271.7 107.9 161.9#
105 134.8 56.2 84.2#



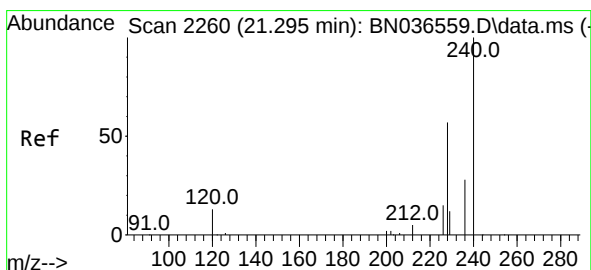
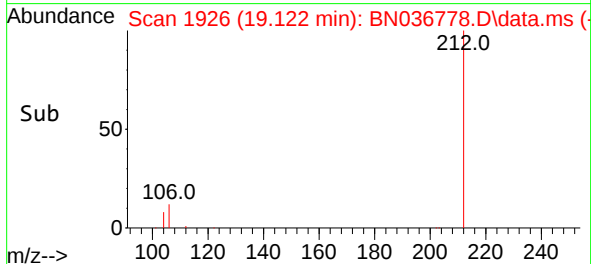
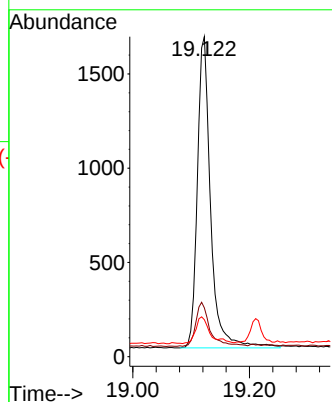


#27
Fluoranthene-d10
Concen: 0.197 ng
RT: 19.122 min Scan# 11
Delta R.T. -0.018 min
Lab File: BN036778.D
Acq: 28 Mar 2025 18:14

Instrument :
BNA_N
ClientSampleId :
RE132D5-20250318DL

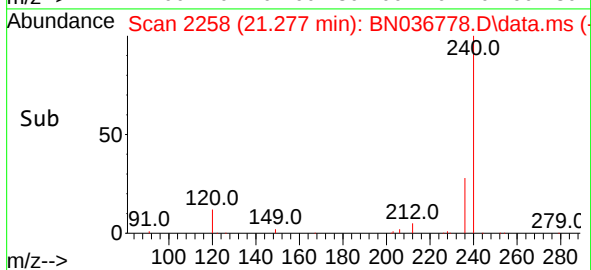
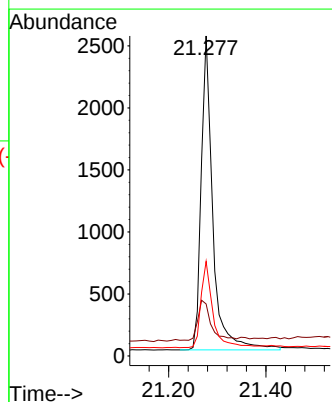
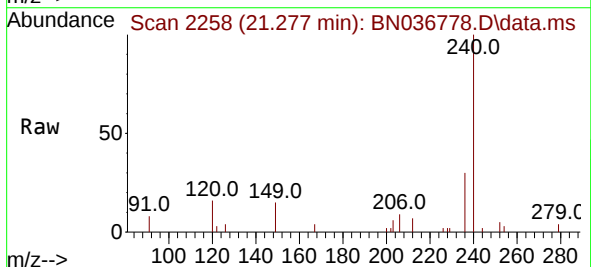


Tgt Ion:212 Resp: 2604
Ion Ratio Lower Upper
212 100
106 14.9 11.8 17.6
104 9.1 7.3 10.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 2258
Delta R.T. -0.018 min
Lab File: BN036778.D
Acq: 28 Mar 2025 18:14

Tgt Ion:240 Resp: 4192
Ion Ratio Lower Upper
240 100
120 16.3 14.6 22.0
236 29.6 24.1 36.1

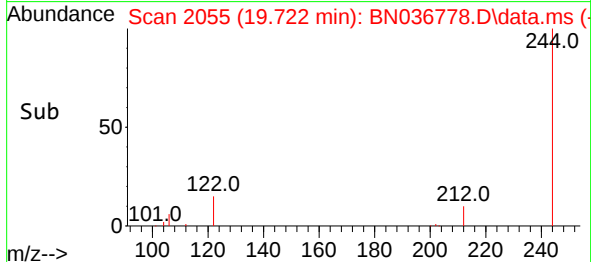
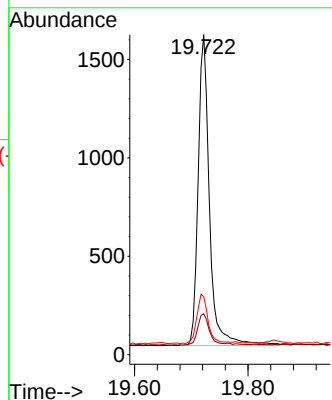
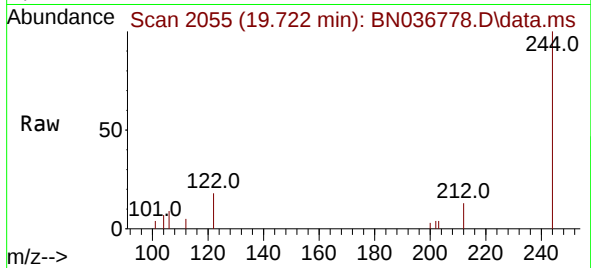




#31
Terphenyl-d14
Concen: 0.218 ng
RT: 19.722 min Scan# 2060
Delta R.T. -0.023 min
Lab File: BN036778.D
Acq: 28 Mar 2025 18:14

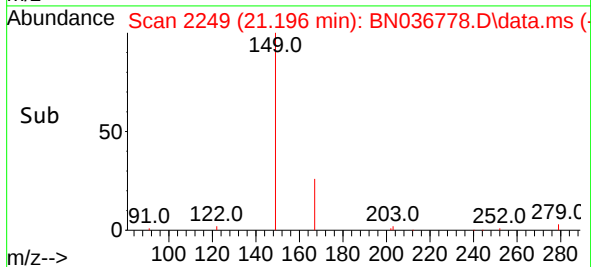
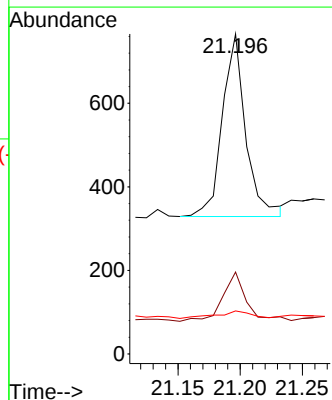
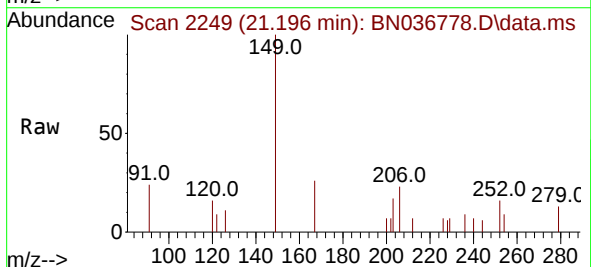
Instrument :
BNA_N
ClientSampleId :
RE132D5-20250318DL

Tgt Ion:244 Resp: 2189
Ion Ratio Lower Upper
244 100
212 12.8 9.6 14.4
122 18.1 13.9 20.9



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.055 ng
RT: 21.196 min Scan# 2249
Delta R.T. -0.018 min
Lab File: BN036778.D
Acq: 28 Mar 2025 18:14

Tgt Ion:149 Resp: 572
Ion Ratio Lower Upper
149 100
167 27.3 20.7 31.1
279 5.9 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: BN036778.D

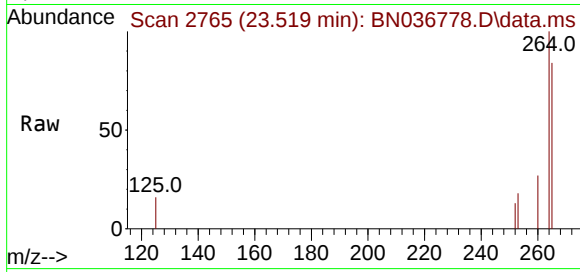
Acq: 28 Mar 2025 18:14

Instrument :

BNA_N

ClientSampleId :

RE132D5-20250318DL



Tgt Ion:264 Resp: 3839

Ion Ratio Lower Upper

264 100

260 27.2 22.6 33.8

265 83.8 88.1 132.1#

