

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031125\
 Data File : BN036576.D
 Acq On : 11 Mar 2025 11:20
 Operator : RC/JU
 Sample : Q1531-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE122D2-20250305

Quant Time: Mar 11 12:02:03 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)

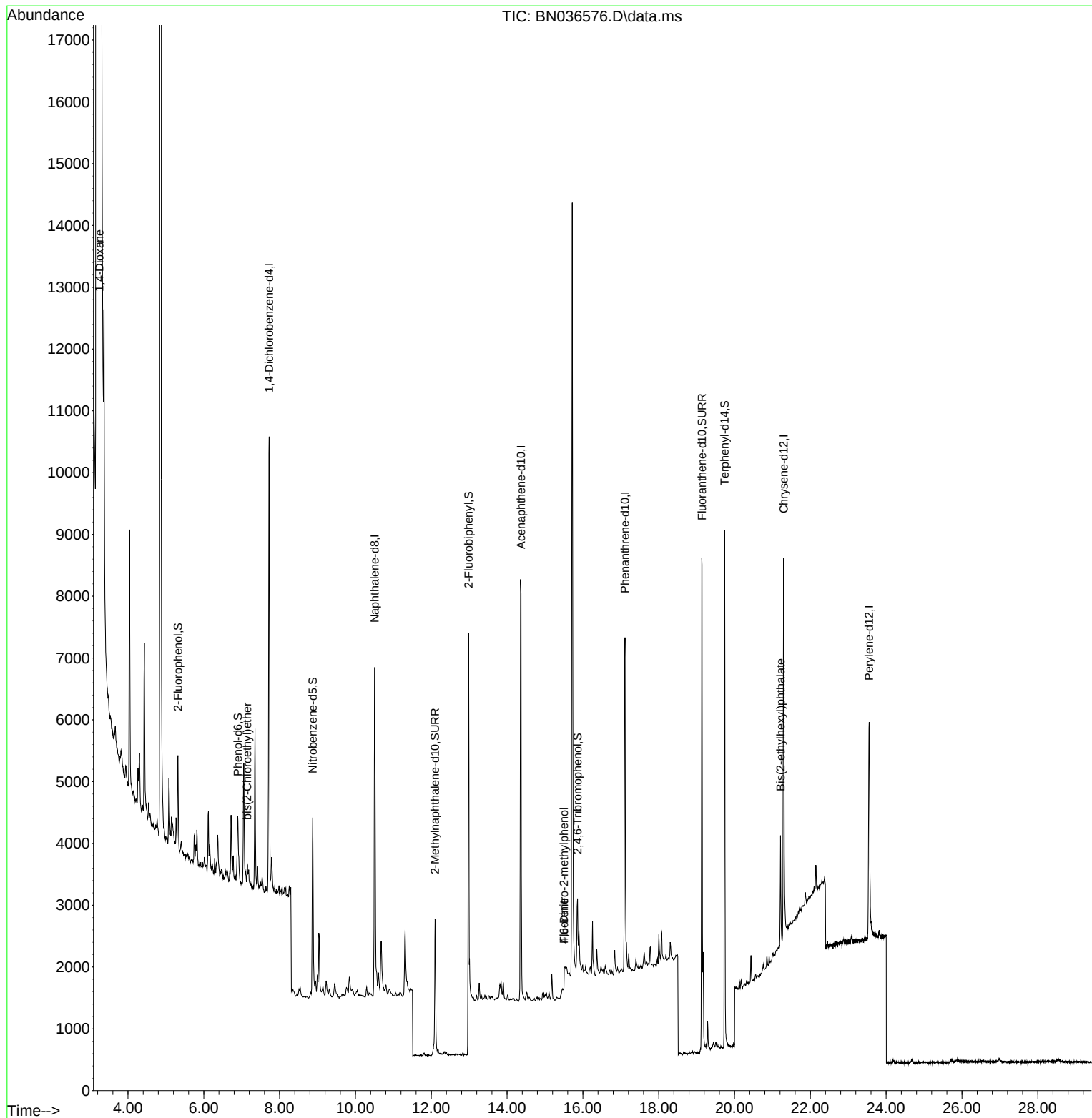
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	3302	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	7375	0.400	ng	0.00
13) Acenaphthene-d10	14.366	164	4300	0.400	ng	0.00
19) Phenanthrene-d10	17.111	188	8599	0.400	ng	0.00
29) Chrysene-d12	21.295	240	6414	0.400	ng	0.00
35) Perylene-d12	23.548	264	5766	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	1122	0.146	ng	0.00
5) Phenol-d6	6.901	99	740	0.078	ng	0.00
8) Nitrobenzene-d5	8.875	82	2607	0.325	ng	0.00
11) 2-Methylnaphthalene-d10	12.101	152	3642	0.332	ng	-0.01
14) 2,4,6-Tribromophenol	15.858	330	786	0.403	ng	0.00
15) 2-Fluorobiphenyl	12.983	172	9247	0.370	ng	0.00
27) Fluoranthene-d10	19.141	212	9238	0.419	ng	0.00
31) Terphenyl-d14	19.740	244	8067	0.525	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.247	88	16423	4.484	ng	99
6) bis(2-Chloroethyl)ether	7.147	93	245	0.025	ng	# 94
18) Fluorene	15.499	166	1044	0.058	ng	# 8
20) 4,6-Dinitro-2-methylph...	15.499	198	6	0.148	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.214	149	1840	0.116	ng	# 94

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

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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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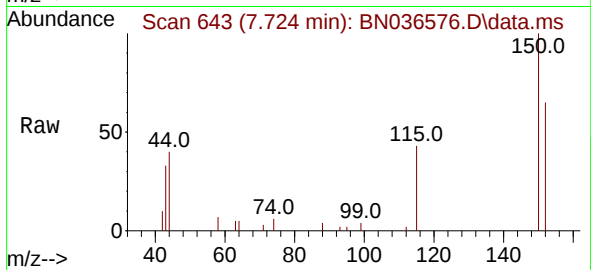
Quant Time: Mar 11 12:02:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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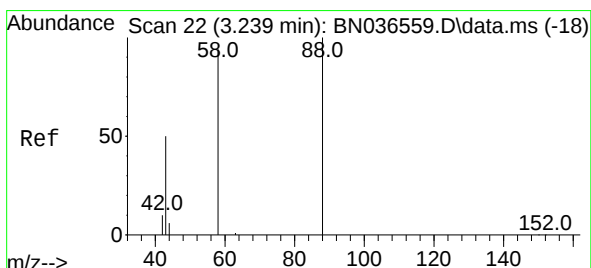
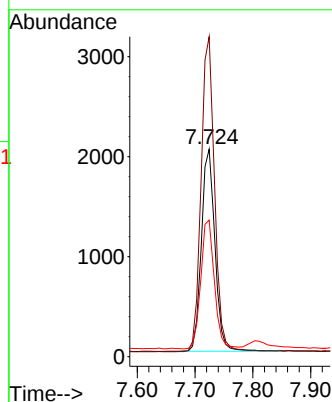
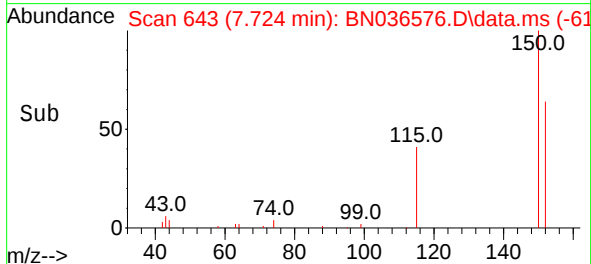


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN036576.D
 Acq: 11 Mar 2025 11:20

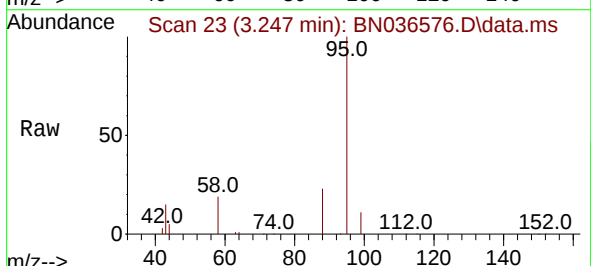
Instrument :
 BNA_N
 ClientSampleId :
 RE122D2-20250305



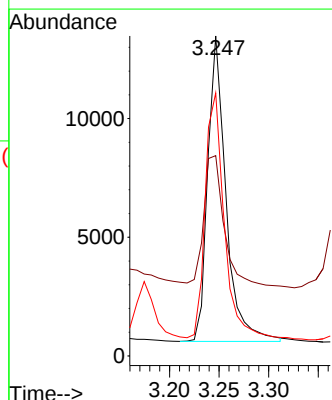
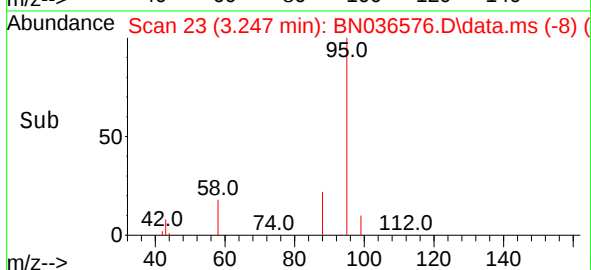
Tgt Ion:152 Resp: 3302
 Ion Ratio Lower Upper
 152 100
 150 154.1 123.7 185.5
 115 65.8 54.3 81.5

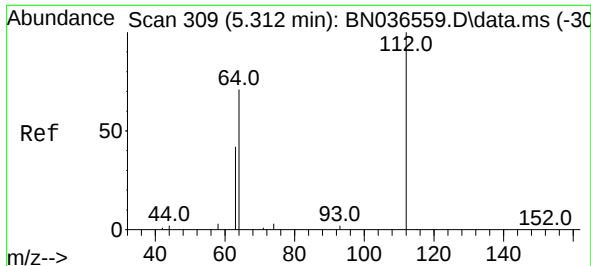


#2
 1,4-Dioxane
 Concen: 4.484 ng
 RT: 3.247 min Scan# 23
 Delta R.T. 0.008 min
 Lab File: BN036576.D
 Acq: 11 Mar 2025 11:20



Tgt Ion: 88 Resp: 16423
 Ion Ratio Lower Upper
 88 100
 43 47.4 37.8 56.8
 58 83.1 67.4 101.2

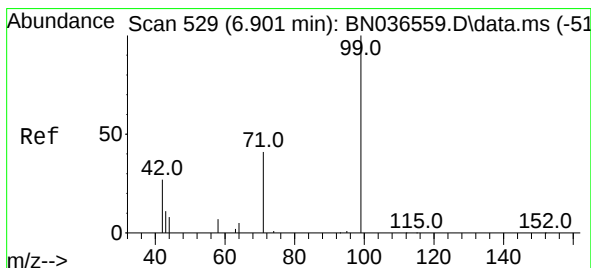
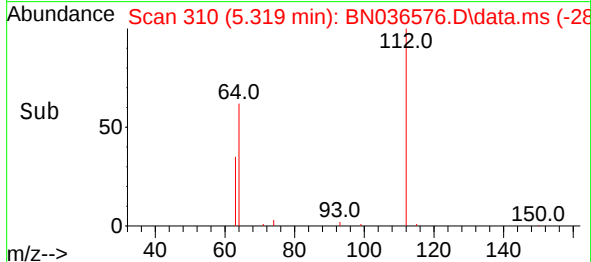
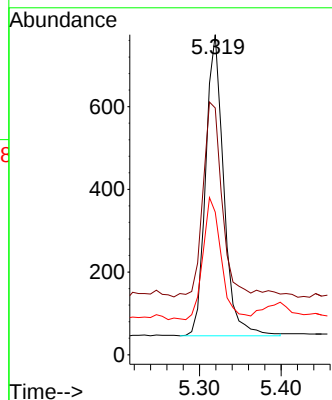
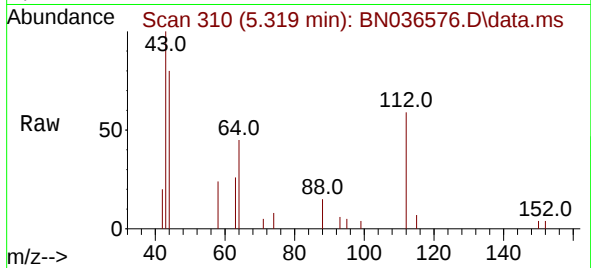




#4
2-Fluorophenol
Concen: 0.146 ng
RT: 5.319 min Scan# 310
Delta R.T. 0.007 min
Lab File: BN036576.D
Acq: 11 Mar 2025 11:20

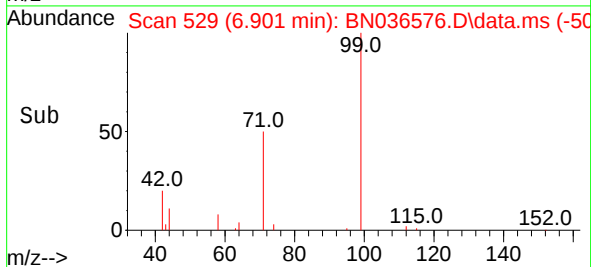
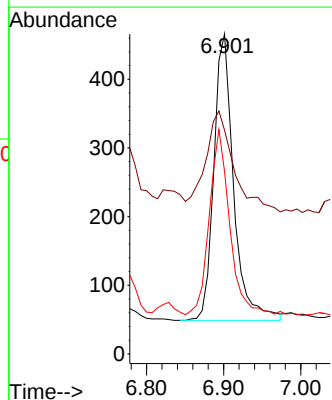
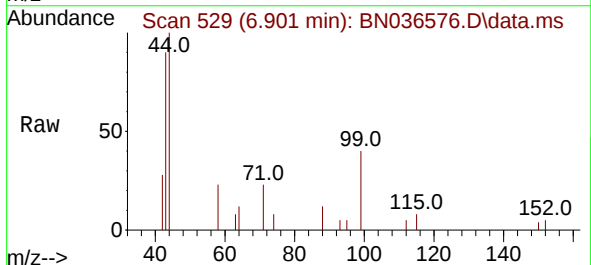
Instrument :
BNA_N
ClientSampleId :
RE122D2-20250305

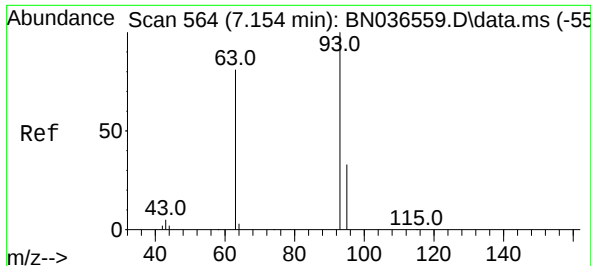
Tgt Ion:112 Resp: 1122
Ion Ratio Lower Upper
112 100
64 67.8 53.1 79.7
63 40.1 31.8 47.8



#5
Phenol-d6
Concen: 0.078 ng
RT: 6.901 min Scan# 529
Delta R.T. 0.000 min
Lab File: BN036576.D
Acq: 11 Mar 2025 11:20

Tgt Ion: 99 Resp: 740
Ion Ratio Lower Upper
99 100
42 49.3 26.5 39.7#
71 66.5 34.1 51.1#

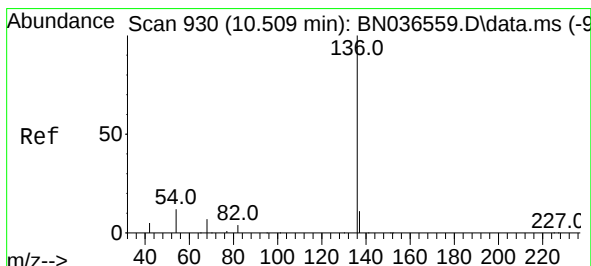
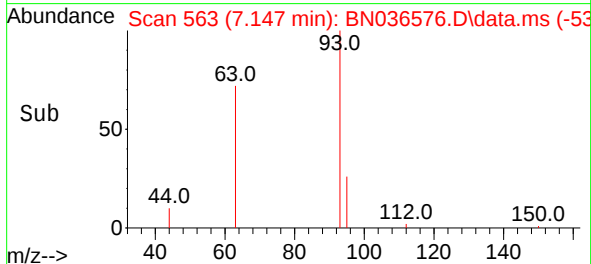
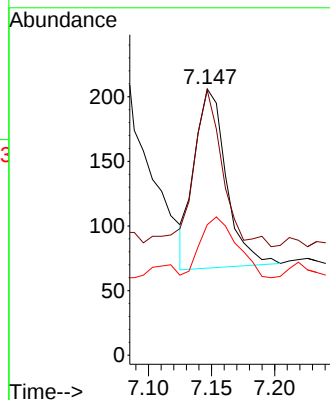
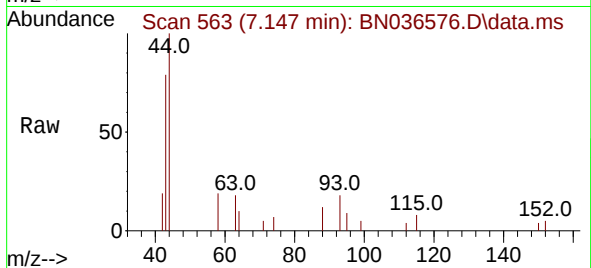




#6
bis(2-Chloroethyl)ether
Concen: 0.025 ng
RT: 7.147 min Scan# 563
Delta R.T. -0.007 min
Lab File: BN036576.D
Acq: 11 Mar 2025 11:20

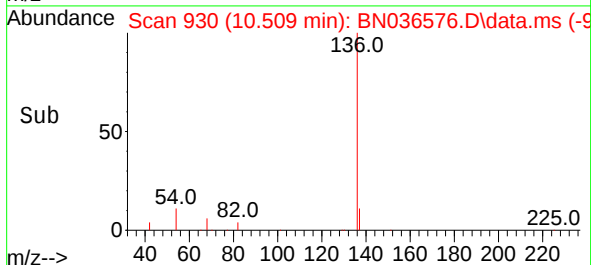
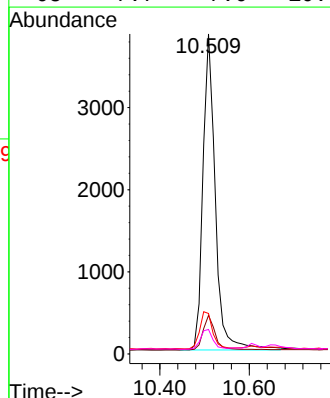
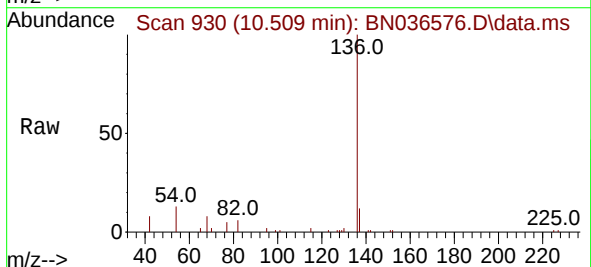
Instrument :
BNA_N
ClientSampleId :
RE122D2-20250305

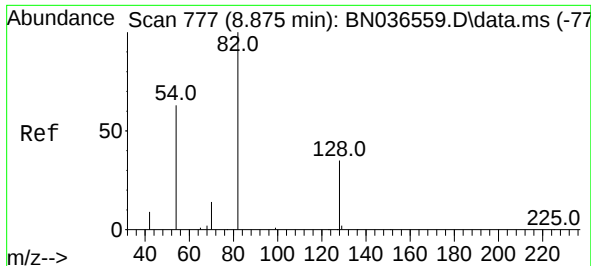
Tgt Ion: 93 Resp: 245
Ion Ratio Lower Upper
93 100
63 83.7 67.7 101.5
95 43.7 25.6 38.4#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 930
Delta R.T. 0.000 min
Lab File: BN036576.D
Acq: 11 Mar 2025 11:20

Tgt Ion:136 Resp: 7375
Ion Ratio Lower Upper
136 100
137 12.0 10.3 15.5
54 12.7 11.5 17.3
68 7.7 7.0 10.4

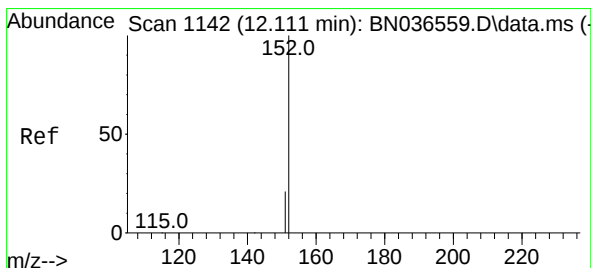
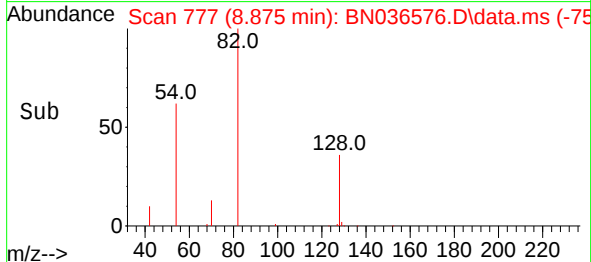
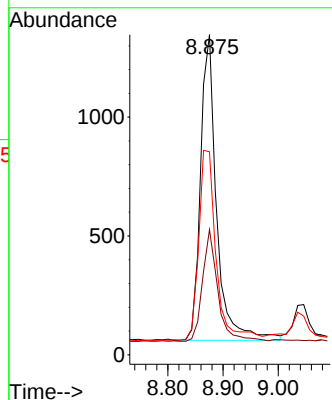
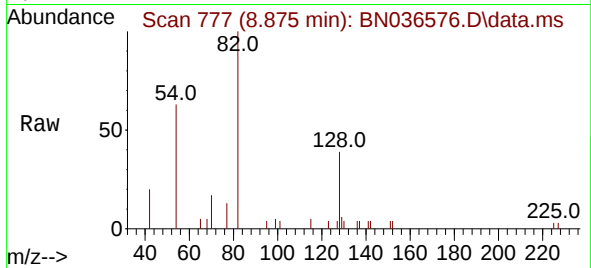




#8
Nitrobenzene-d5
Concen: 0.325 ng
RT: 8.875 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN036576.D
Acq: 11 Mar 2025 11:20

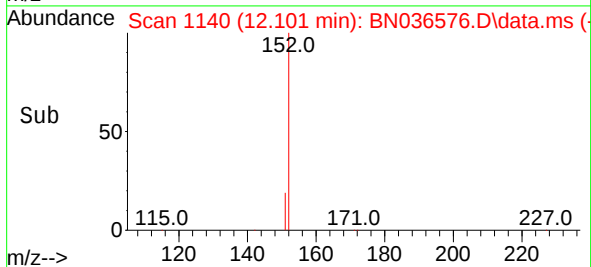
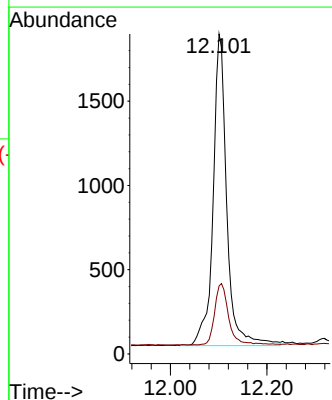
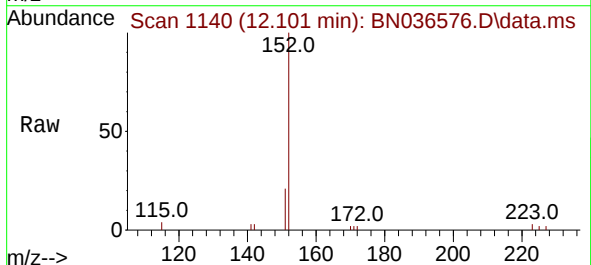
Instrument :
BNA_N
ClientSampleId :
RE122D2-20250305

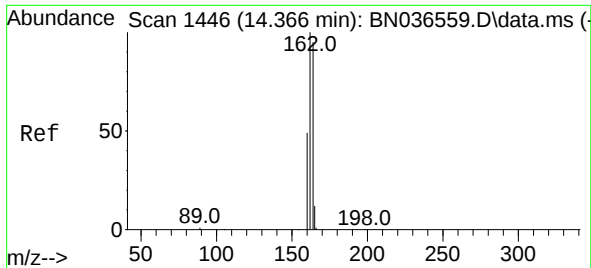
Tgt Ion: 82 Resp: 2607
Ion Ratio Lower Upper
82 100
128 39.0 30.6 45.8
54 63.4 52.2 78.4



#11
2-Methylnaphthalene-d10
Concen: 0.332 ng
RT: 12.101 min Scan# 1140
Delta R.T. -0.010 min
Lab File: BN036576.D
Acq: 11 Mar 2025 11:20

Tgt Ion: 152 Resp: 3642
Ion Ratio Lower Upper
152 100
151 20.5 17.0 25.6

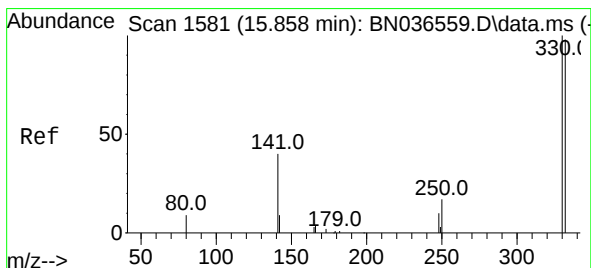
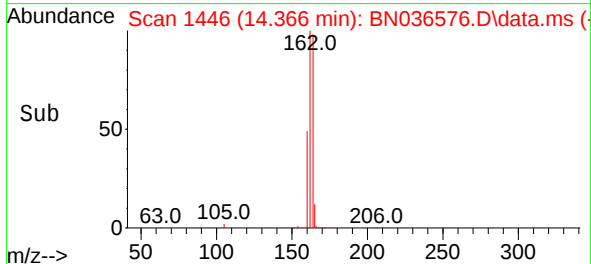
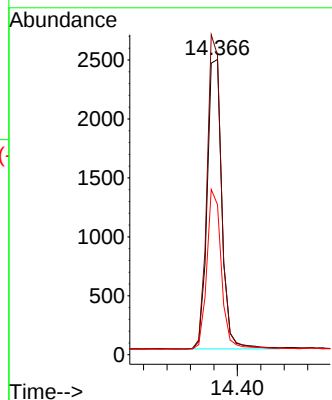
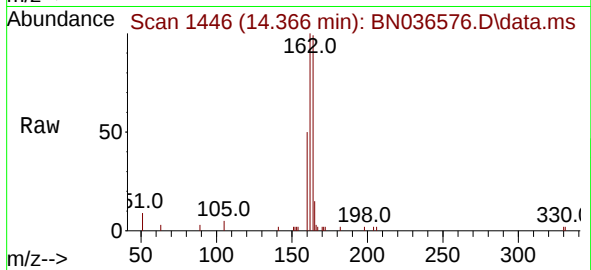




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.366 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BN036576.D
Acq: 11 Mar 2025 11:20

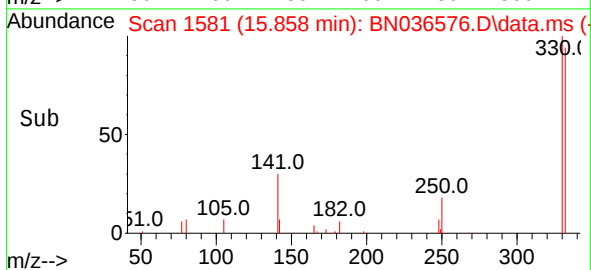
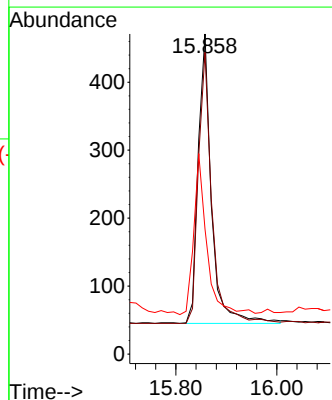
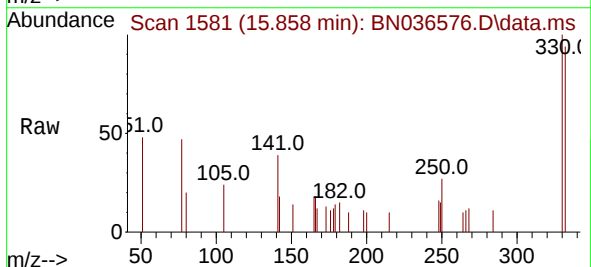
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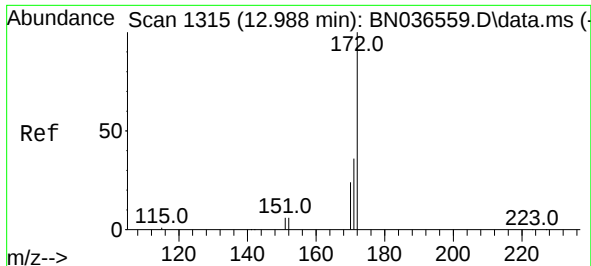
Tgt Ion:164 Resp: 4300
Ion Ratio Lower Upper
164 100
162 101.4 84.2 126.2
160 50.8 42.2 63.2



#14
2,4,6-Tribromophenol
Concen: 0.403 ng
RT: 15.858 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BN036576.D
Acq: 11 Mar 2025 11:20

Tgt Ion:330 Resp: 786
Ion Ratio Lower Upper
330 100
332 94.9 75.2 112.8
141 53.9 43.4 65.2

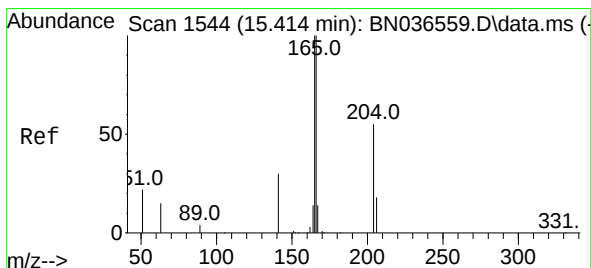
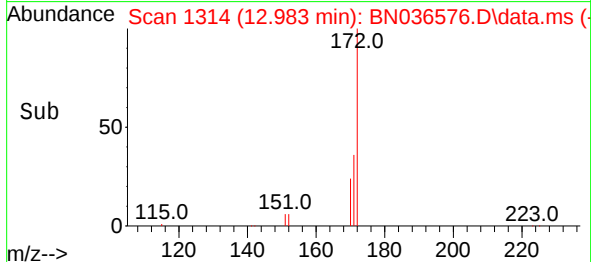
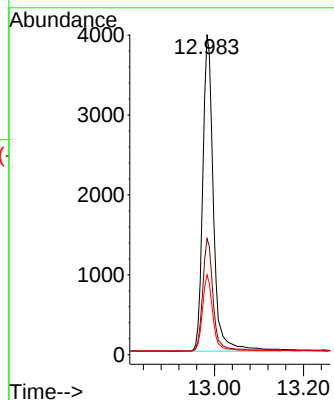
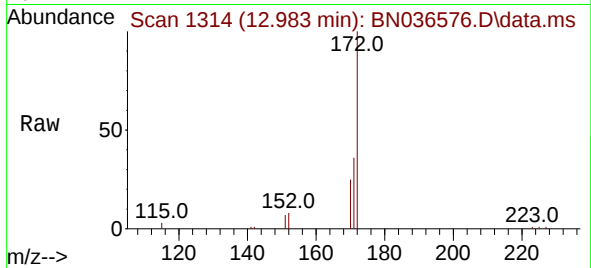




#15
2-Fluorobiphenyl
Concen: 0.370 ng
RT: 12.983 min Scan# 14
Delta R.T. -0.005 min
Lab File: BN036576.D
Acq: 11 Mar 2025 11:20

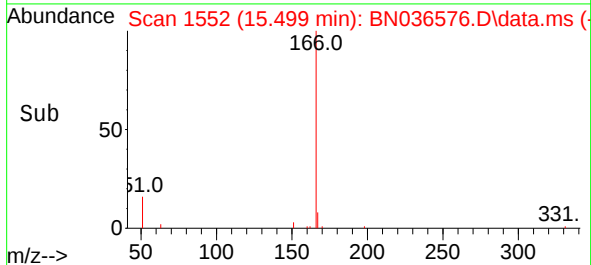
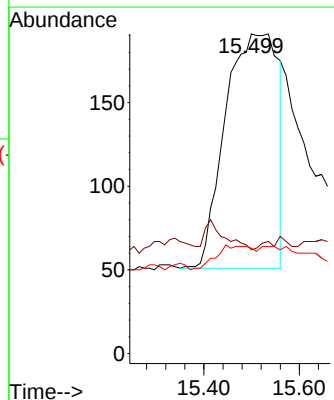
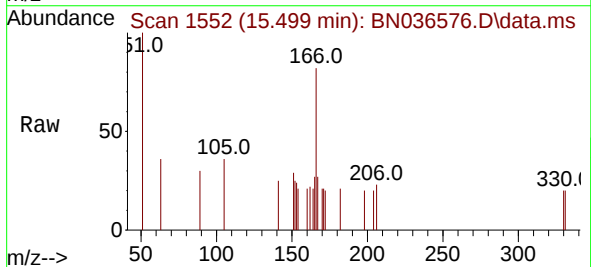
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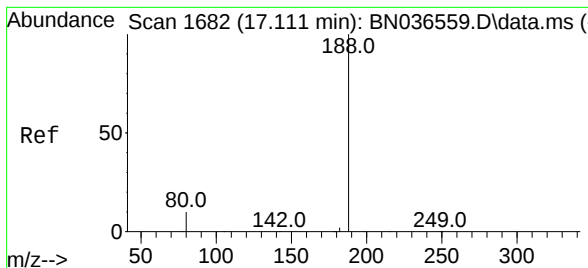
Tgt Ion:172 Resp: 9247
Ion Ratio Lower Upper
172 100
171 36.3 29.5 44.3
170 24.9 20.2 30.4



#18
Fluorene
Concen: 0.058 ng
RT: 15.499 min Scan# 1552
Delta R.T. 0.086 min
Lab File: BN036576.D
Acq: 11 Mar 2025 11:20

Tgt Ion:166 Resp: 1044
Ion Ratio Lower Upper
166 100
165 0.0 79.8 119.8#
167 0.0 10.6 15.8#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.111 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN036576.D

Acq: 11 Mar 2025 11:20

Instrument :

BNA_N

ClientSampleId :

RE122D2-20250305

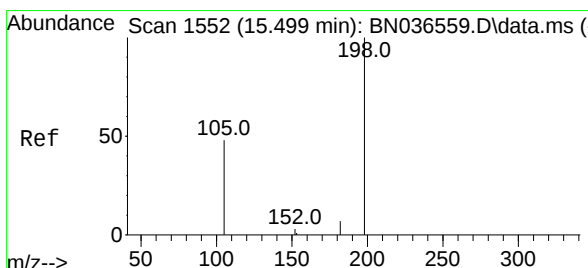
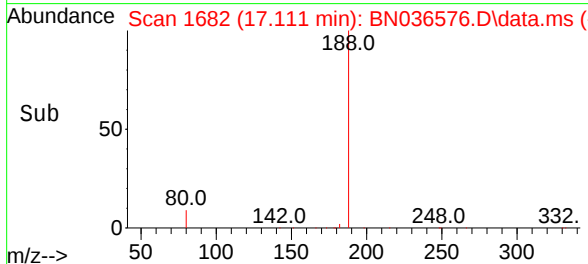
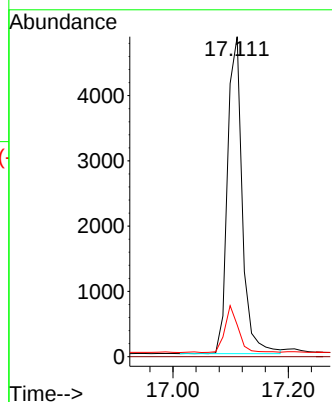
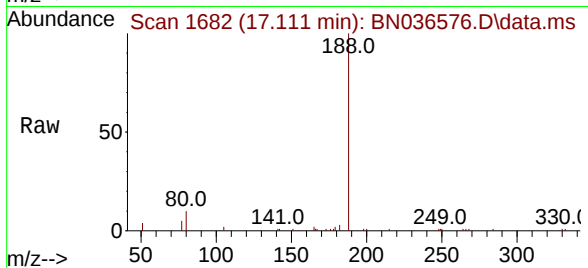
Tgt Ion:188 Resp: 8599

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.9 8.8 13.2



#20

4,6-Dinitro-2-methylphenol

Concen: 0.148 ng

RT: 15.499 min Scan# 1552

Delta R.T. 0.000 min

Lab File: BN036576.D

Acq: 11 Mar 2025 11:20

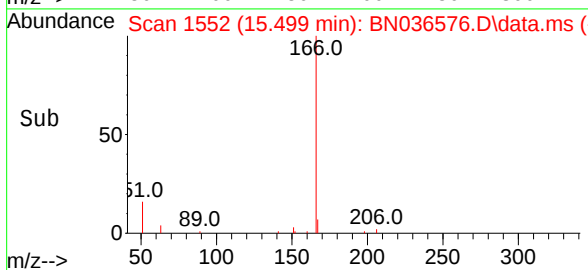
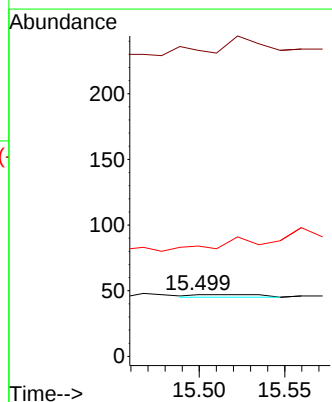
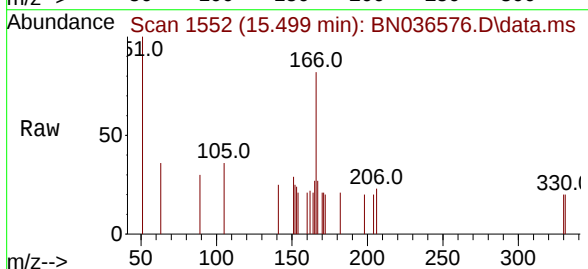
Tgt Ion:198 Resp: 6

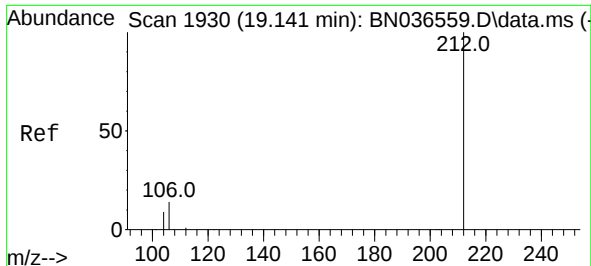
Ion Ratio Lower Upper

198 100

51 495.7 107.9 161.9#

105 178.7 56.2 84.2#

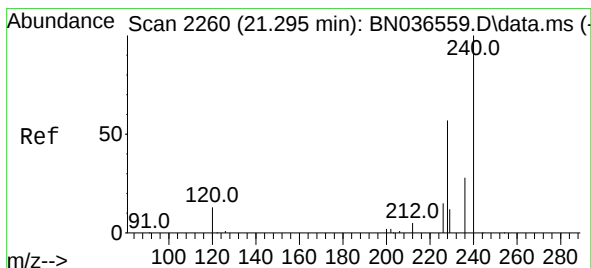
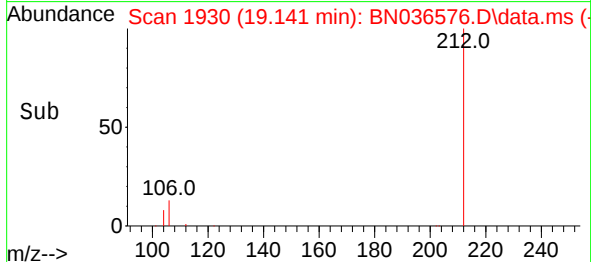
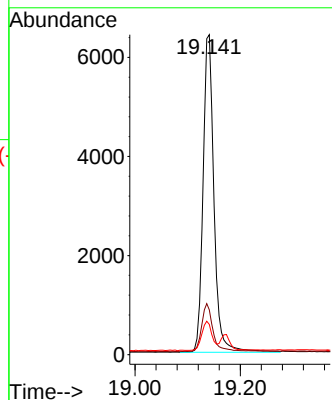
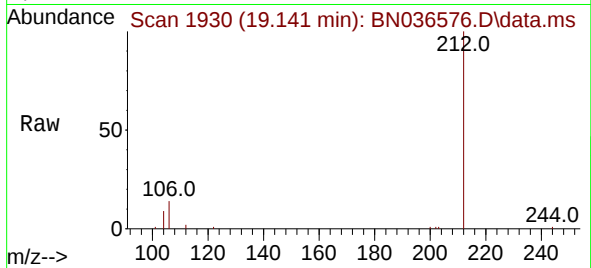




#27
Fluoranthene-d10
Concen: 0.419 ng
RT: 19.141 min Scan# 1930
Delta R.T. 0.000 min
Lab File: BN036576.D
Acq: 11 Mar 2025 11:20

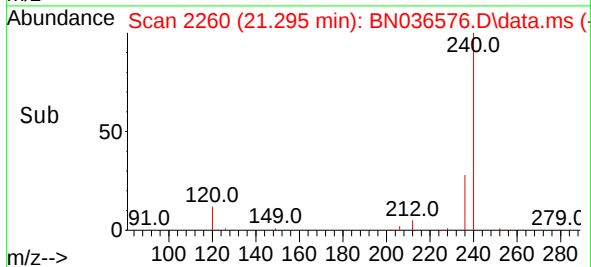
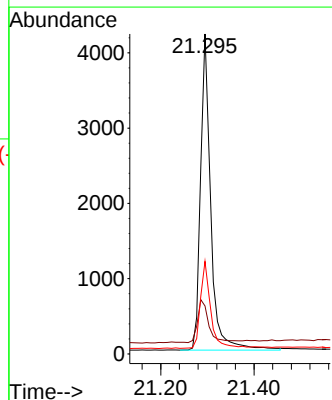
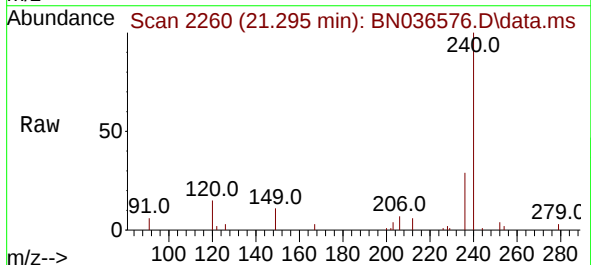
Instrument :
BNA_N
ClientSampleId :
RE122D2-20250305

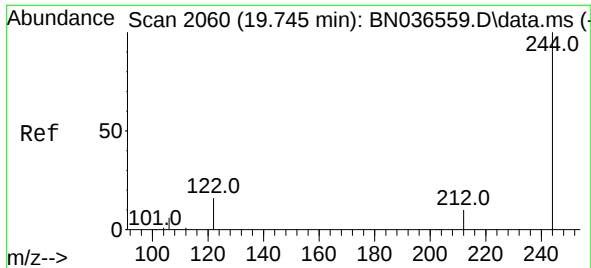
Tgt Ion:212 Resp: 9238
Ion Ratio Lower Upper
212 100
106 15.3 11.8 17.6
104 8.6 7.3 10.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.295 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BN036576.D
Acq: 11 Mar 2025 11:20

Tgt Ion:240 Resp: 6414
Ion Ratio Lower Upper
240 100
120 15.0 14.6 22.0
236 29.0 24.1 36.1

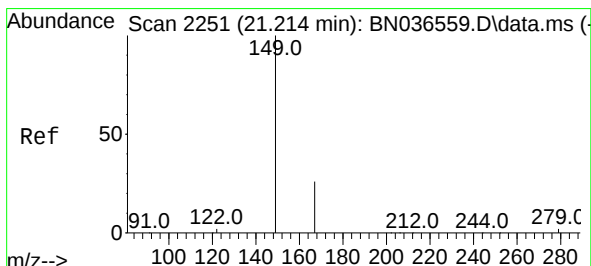
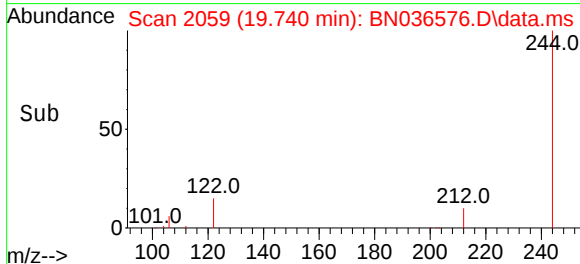
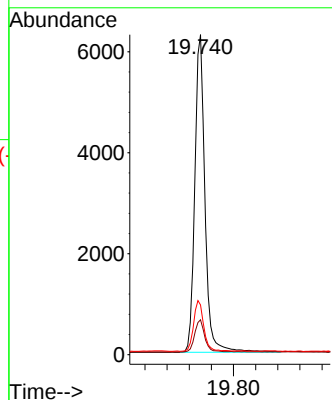
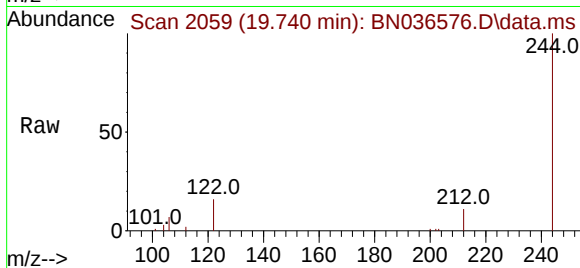




#31
 Terphenyl-d14
 Concen: 0.525 ng
 RT: 19.740 min Scan# 2060
 Delta R.T. -0.005 min
 Lab File: BN036576.D
 Acq: 11 Mar 2025 11:20

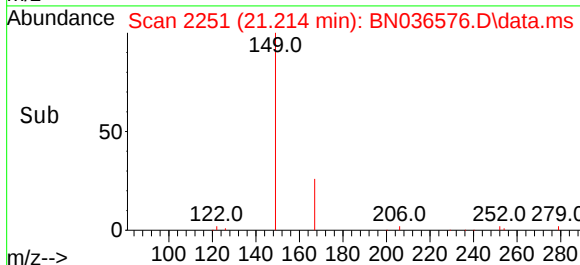
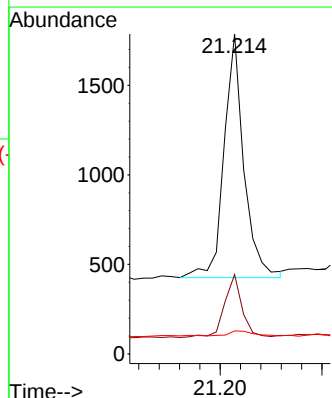
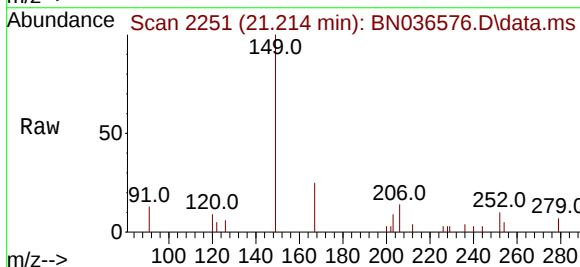
Instrument :
 BNA_N
 ClientSampleId :
 RE122D2-20250305

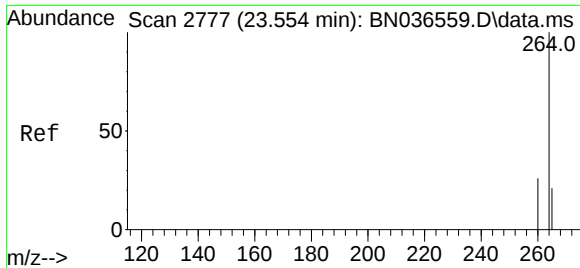
Tgt Ion:244 Resp: 8067
 Ion Ratio Lower Upper
 244 100
 212 10.9 9.6 14.4
 122 15.5 13.9 20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.116 ng
 RT: 21.214 min Scan# 2251
 Delta R.T. 0.000 min
 Lab File: BN036576.D
 Acq: 11 Mar 2025 11:20

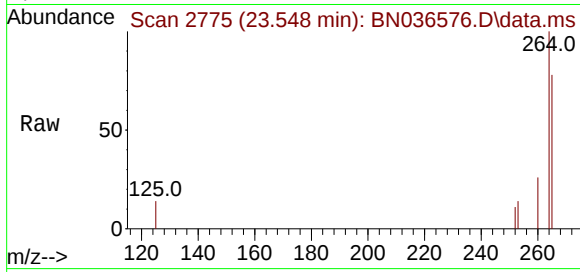
Tgt Ion:149 Resp: 1840
 Ion Ratio Lower Upper
 149 100
 167 22.9 20.7 31.1
 279 2.3 3.6 5.4#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.548 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN036576.D
Acq: 11 Mar 2025 11:20

Instrument :
BNA_N
ClientSampleId :
RE122D2-20250305



Tgt Ion:264 Resp: 5766
Ion Ratio Lower Upper
264 100
260 26.0 22.6 33.8
265 78.2 88.1 132.1#

