

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031225\
 Data File : BN036594.D
 Acq On : 12 Mar 2025 11:02
 Operator : RC/JU
 Sample : Q1531-19
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 12 11:24:41 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)

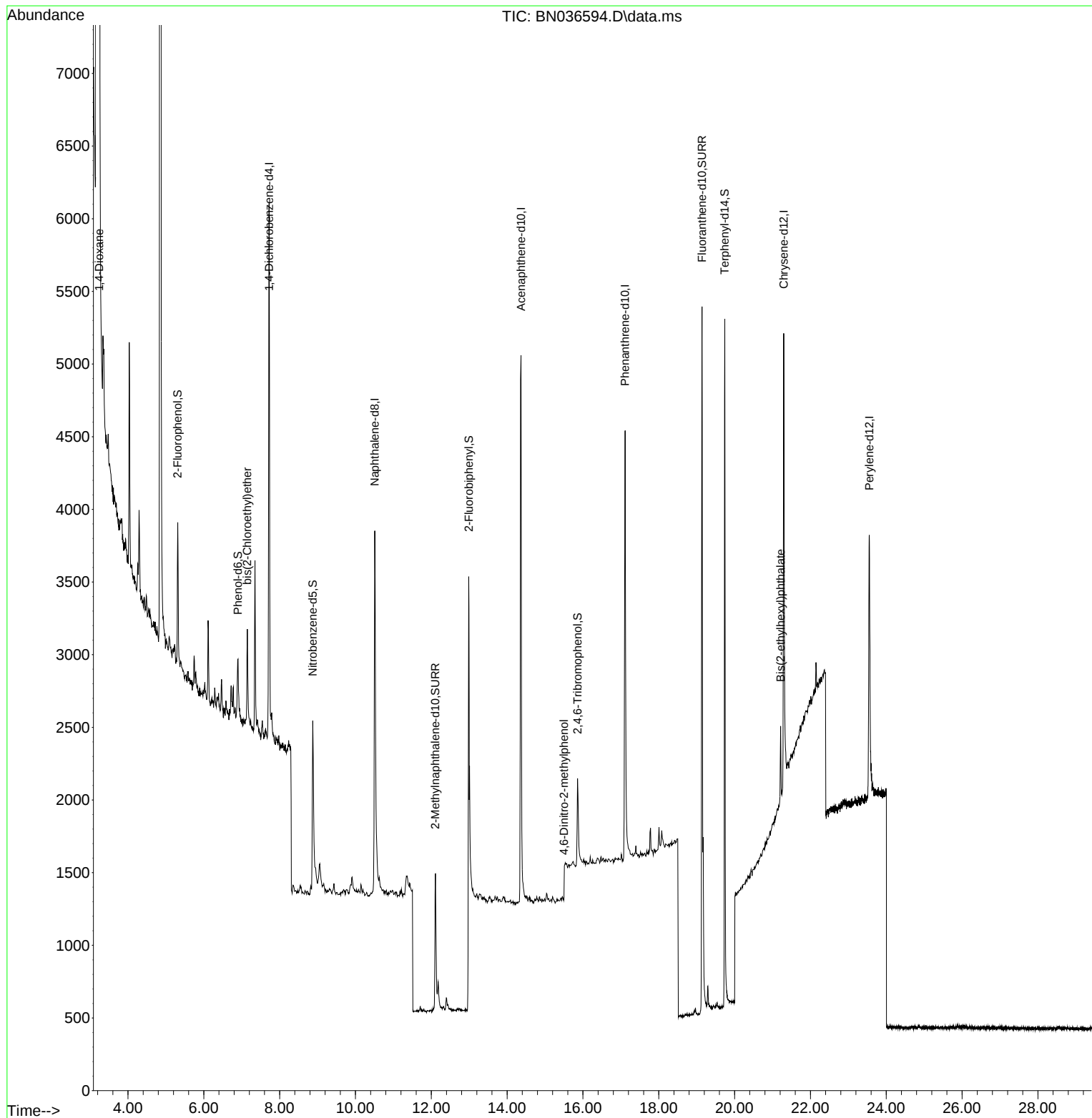
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	1944	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	4249	0.400	ng	0.00
13) Acenaphthene-d10	14.366	164	2599	0.400	ng	0.00
19) Phenanthrene-d10	17.111	188	5272	0.400	ng	0.00
29) Chrysene-d12	21.295	240	3676	0.400	ng	0.00
35) Perylene-d12	23.551	264	3141	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	705	0.156	ng	0.00
5) Phenol-d6	6.901	99	439	0.078	ng	0.00
8) Nitrobenzene-d5	8.875	82	1399	0.303	ng	0.00
11) 2-Methylnaphthalene-d10	12.106	152	1870	0.296	ng	0.00
14) 2,4,6-Tribromophenol	15.858	330	467	0.396	ng	0.00
15) 2-Fluorobiphenyl	12.988	172	4898	0.324	ng	0.00
27) Fluoranthene-d10	19.141	212	6264	0.464	ng	0.00
31) Terphenyl-d14	19.740	244	4789	0.544	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.239	88	4958	2.299	ng	Qvalue
6) bis(2-Chloroethyl)ether	7.147	93	509	0.088	ng	# 92
20) 4,6-Dinitro-2-methylph...	15.499	198	1	0.146	ng	# 95
34) Bis(2-ethylhexyl)phtha...	21.214	149	560	0.062	ng	# 1

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

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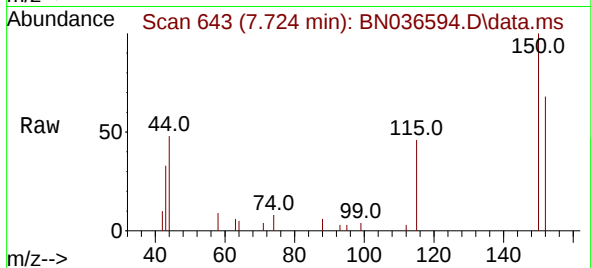
Quant Time: Mar 12 11:24:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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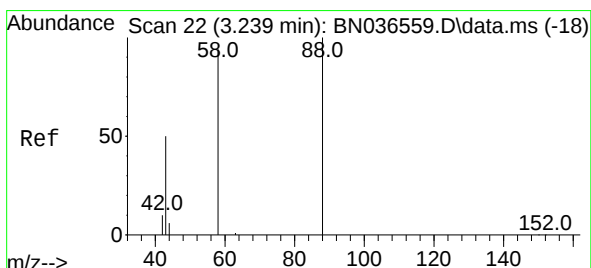
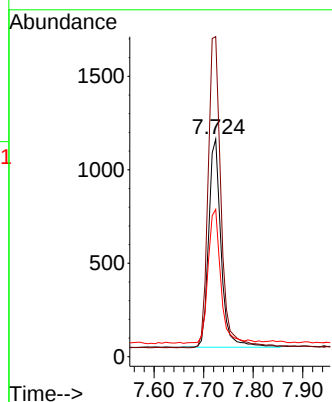
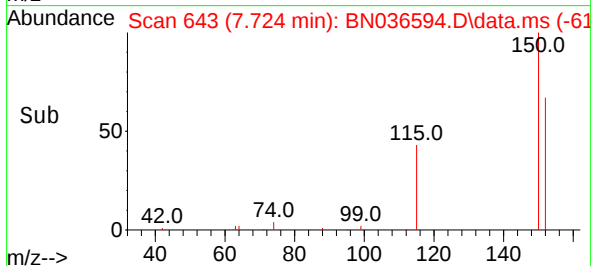


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN036594.D
 Acq: 12 Mar 2025 11:02

Instrument :
 BNA_N
 ClientSampleId :

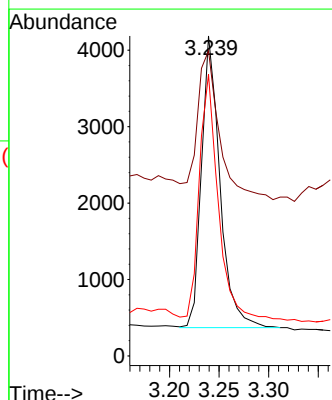
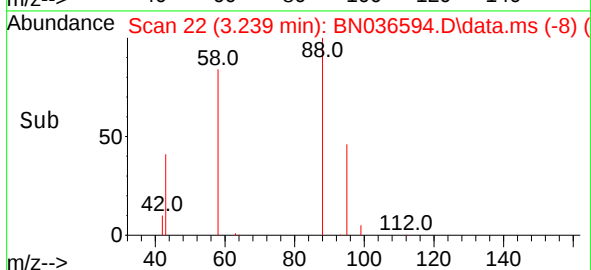
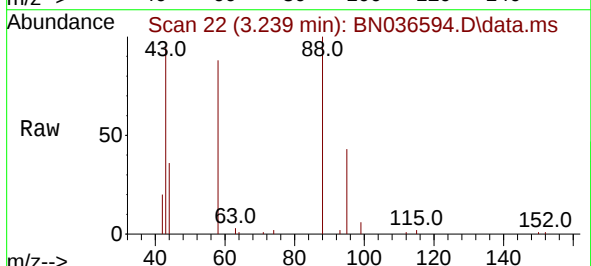


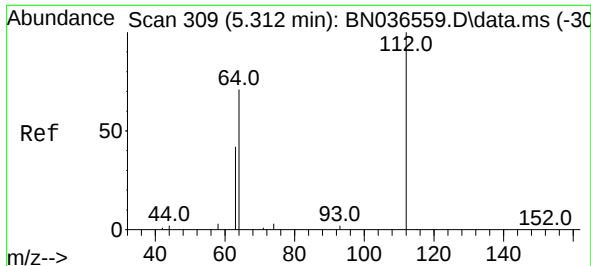
Tgt Ion:152 Resp: 1944
 Ion Ratio Lower Upper
 152 100
 150 147.1 123.7 185.5
 115 67.8 54.3 81.5



#2
 1,4-Dioxane
 Concen: 2.299 ng
 RT: 3.239 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: BN036594.D
 Acq: 12 Mar 2025 11:02

Tgt Ion: 88 Resp: 4958
 Ion Ratio Lower Upper
 88 100
 43 61.4 37.8 56.8#
 58 84.6 67.4 101.2

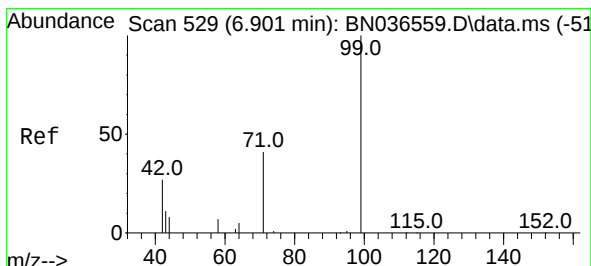
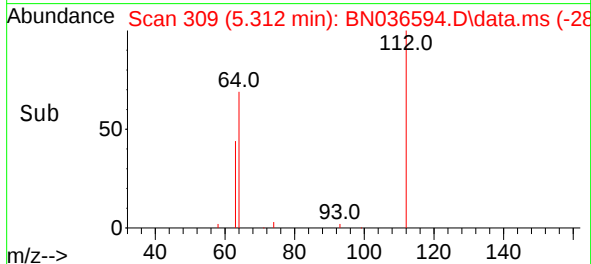
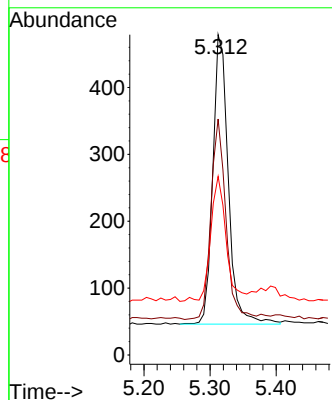
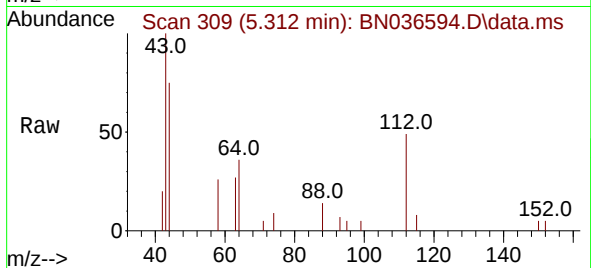




#4
2-Fluorophenol
Concen: 0.156 ng
RT: 5.312 min Scan# 309
Delta R.T. 0.000 min
Lab File: BN036594.D
Acq: 12 Mar 2025 11:02

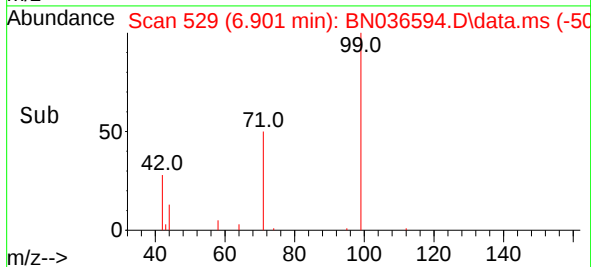
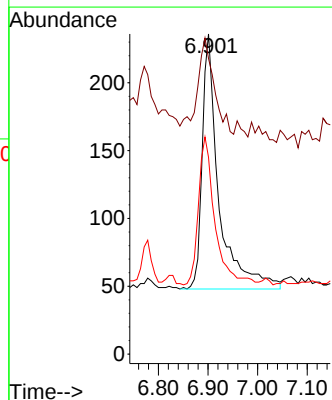
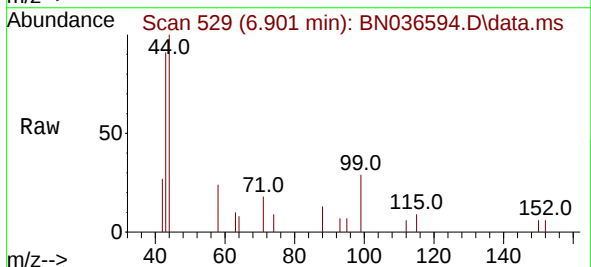
Instrument :
BNA_N
ClientSampleId :

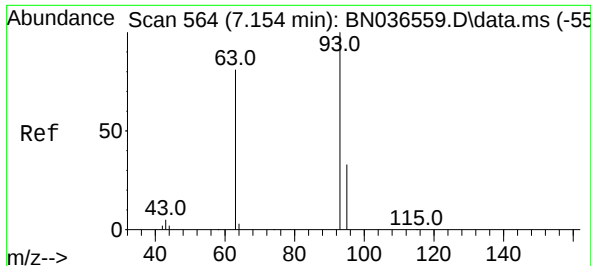
Tgt Ion:112 Resp: 705
Ion Ratio Lower Upper
112 100
64 66.8 53.1 79.7
63 42.7 31.8 47.8



#5
Phenol-d6
Concen: 0.078 ng
RT: 6.901 min Scan# 529
Delta R.T. 0.000 min
Lab File: BN036594.D
Acq: 12 Mar 2025 11:02

Tgt Ion: 99 Resp: 439
Ion Ratio Lower Upper
99 100
42 34.9 26.5 39.7
71 57.2 34.1 51.1#

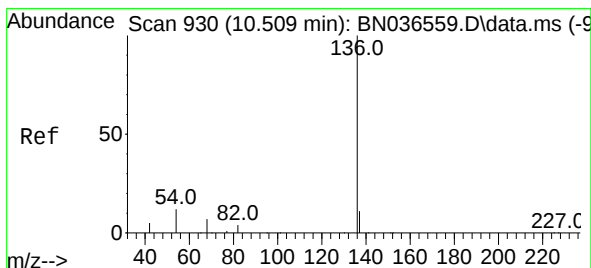
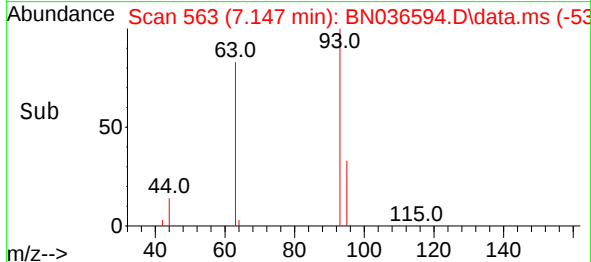
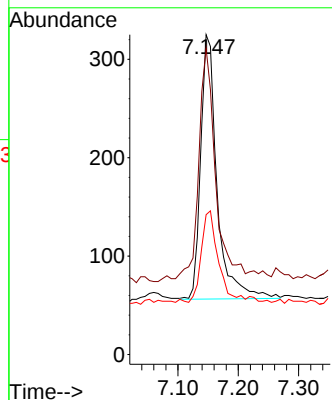
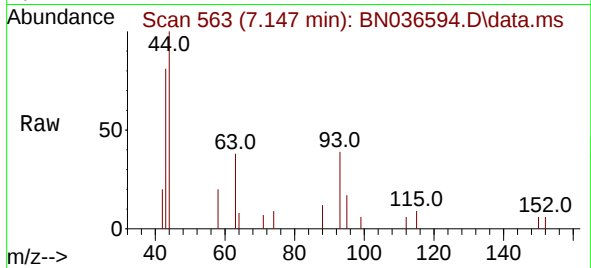




#6
bis(2-Chloroethyl)ether
Concen: 0.088 ng
RT: 7.147 min Scan# 563
Delta R.T. -0.007 min
Lab File: BN036594.D
Acq: 12 Mar 2025 11:02

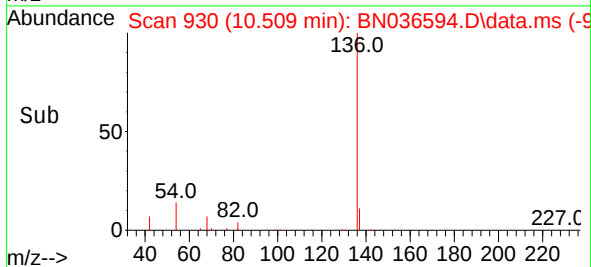
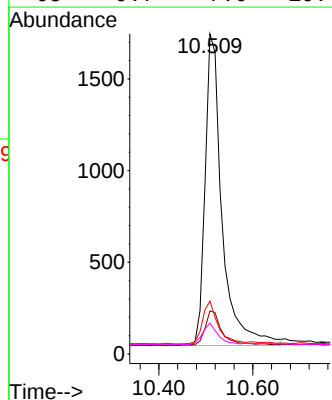
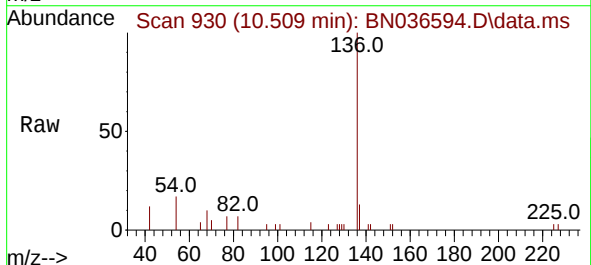
Instrument :
BNA_N
ClientSampleId :

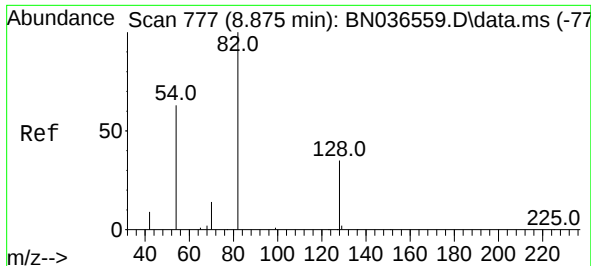
Tgt Ion: 93 Resp: 509
Ion Ratio Lower Upper
93 100
63 87.4 67.7 101.5
95 37.9 25.6 38.4



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 930
Delta R.T. 0.000 min
Lab File: BN036594.D
Acq: 12 Mar 2025 11:02

Tgt Ion:136 Resp: 4249
Ion Ratio Lower Upper
136 100
137 13.5 10.3 15.5
54 16.5 11.5 17.3
68 9.7 7.0 10.4

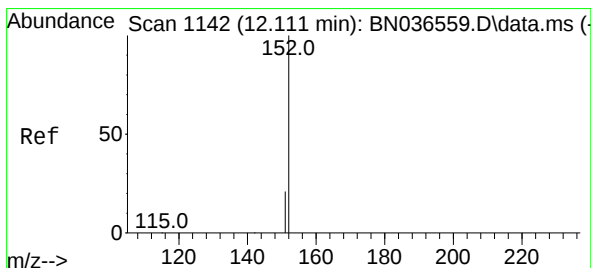
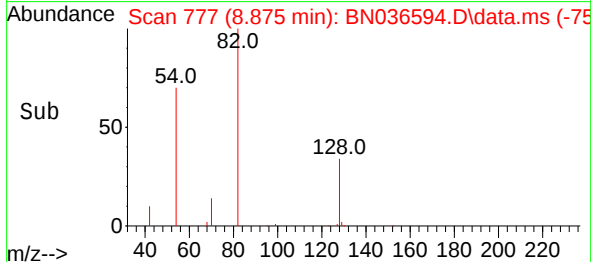
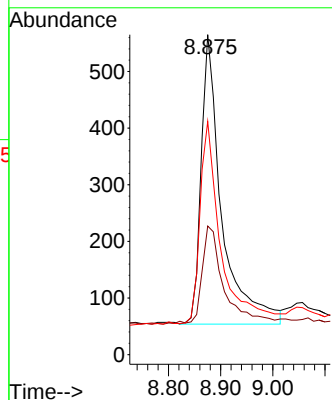
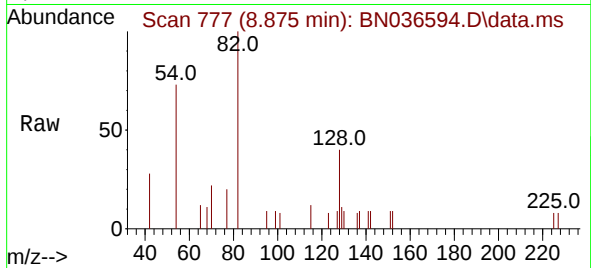




#8
Nitrobenzene-d5
Concen: 0.303 ng
RT: 8.875 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN036594.D
Acq: 12 Mar 2025 11:02

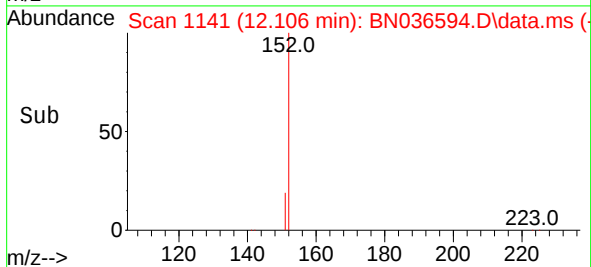
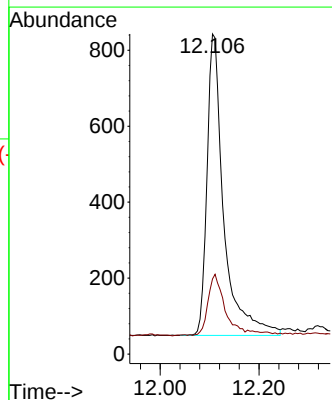
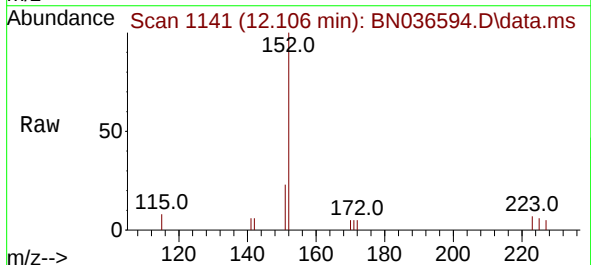
Instrument :
BNA_N
ClientSampleId :

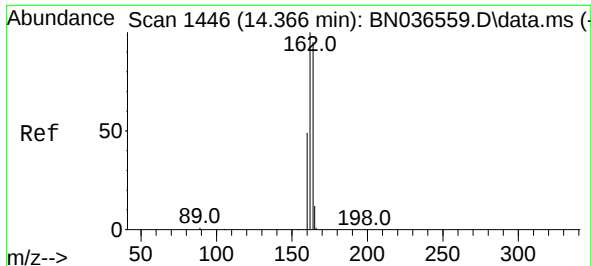
Tgt Ion: 82 Resp: 1399
Ion Ratio Lower Upper
82 100
128 40.2 30.6 45.8
54 72.9 52.2 78.4



#11
2-Methylnaphthalene-d10
Concen: 0.296 ng
RT: 12.106 min Scan# 1141
Delta R.T. -0.005 min
Lab File: BN036594.D
Acq: 12 Mar 2025 11:02

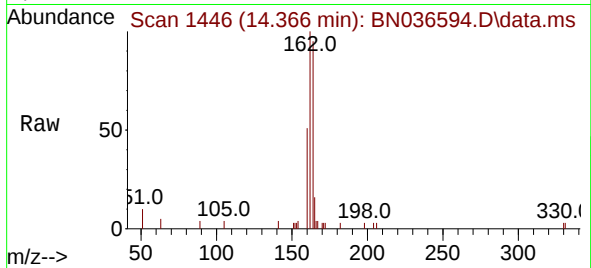
Tgt Ion: 152 Resp: 1870
Ion Ratio Lower Upper
152 100
151 21.1 17.0 25.6



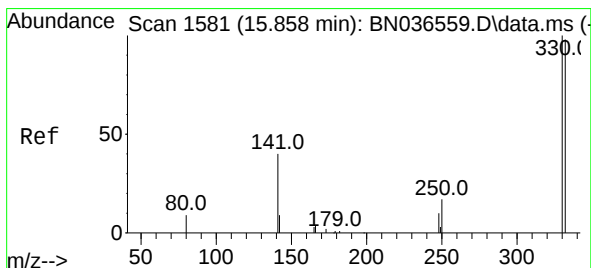
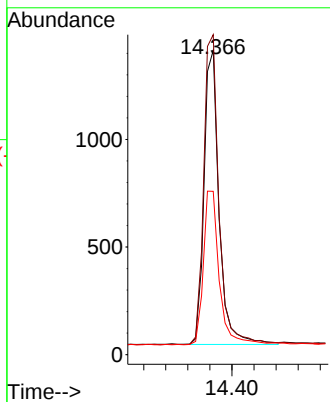
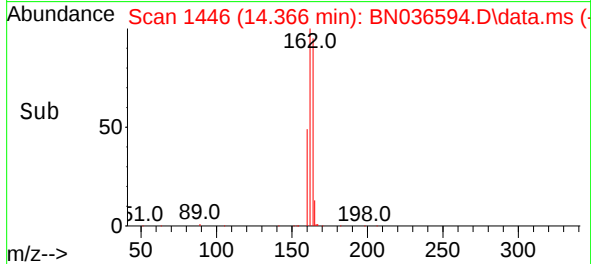


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.366 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BN036594.D
Acq: 12 Mar 2025 11:02

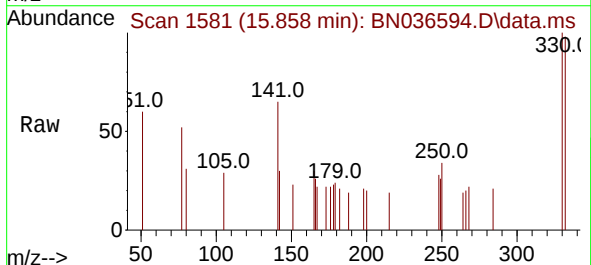
Instrument :
BNA_N
ClientSampleId :



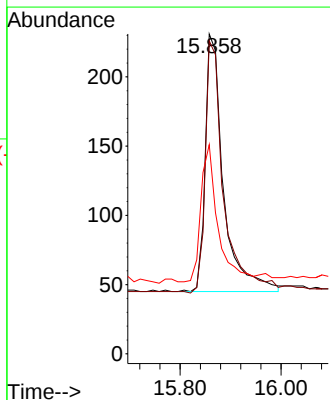
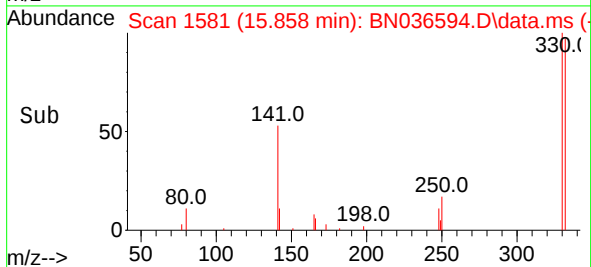
Tgt Ion:164 Resp: 2599
Ion Ratio Lower Upper
164 100
162 105.1 84.2 126.2
160 53.6 42.2 63.2

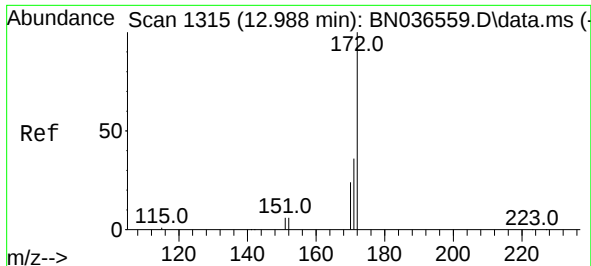


#14
2,4,6-Tribromophenol
Concen: 0.396 ng
RT: 15.858 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BN036594.D
Acq: 12 Mar 2025 11:02



Tgt Ion:330 Resp: 467
Ion Ratio Lower Upper
330 100
332 97.4 75.2 112.8
141 49.7 43.4 65.2





#15

2-Fluorobiphenyl

Concen: 0.324 ng

RT: 12.988 min Scan# 1315

Delta R.T. 0.000 min

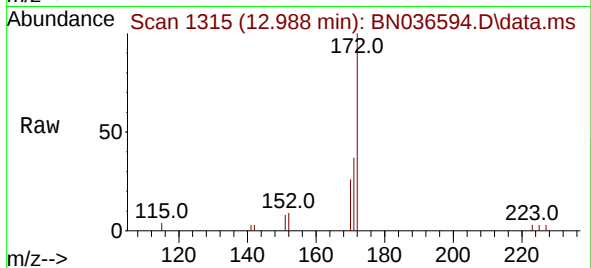
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Acq: 12 Mar 2025 11:02

Instrument :

BNA_N

ClientSampleId :



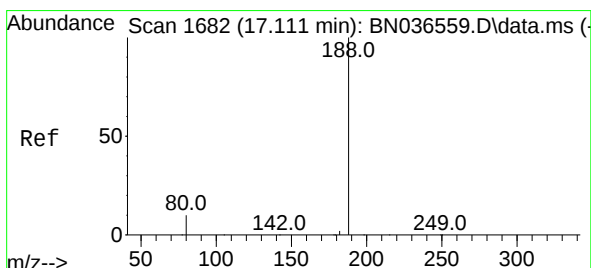
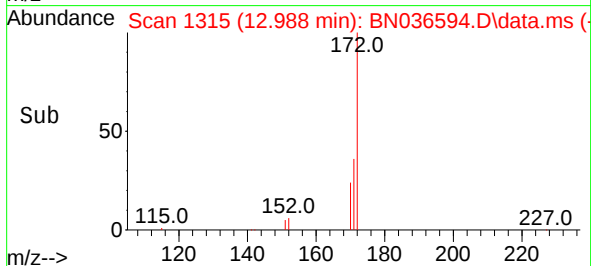
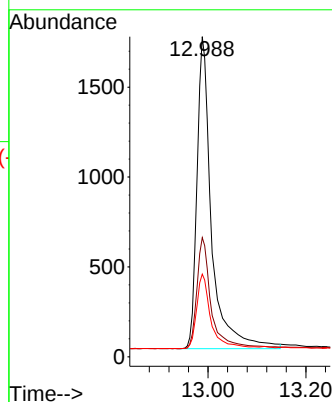
Tgt Ion:172 Resp: 4898

Ion Ratio Lower Upper

172 100

171 37.2 29.5 44.3

170 25.8 20.2 30.4



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.111 min Scan# 1682

Delta R.T. 0.000 min

Lab File: BN036594.D

Acq: 12 Mar 2025 11:02

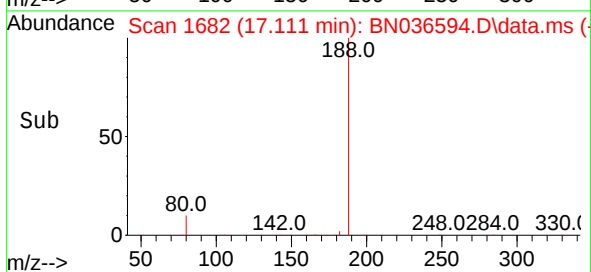
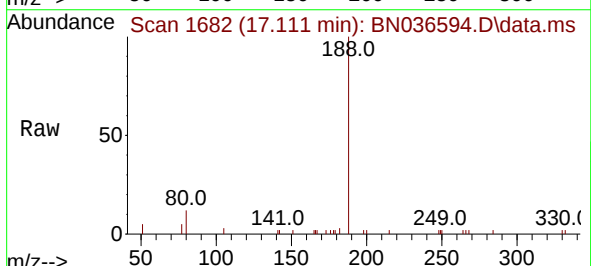
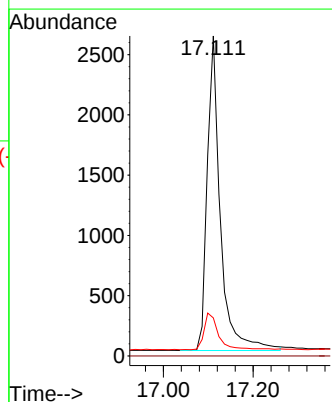
Tgt Ion:188 Resp: 5272

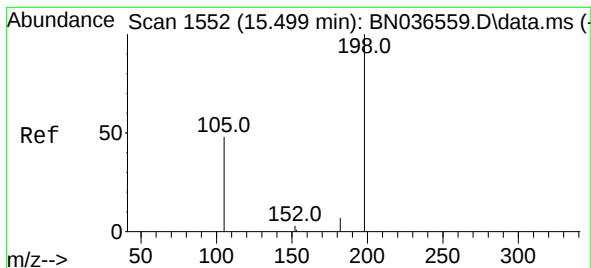
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.9 8.8 13.2

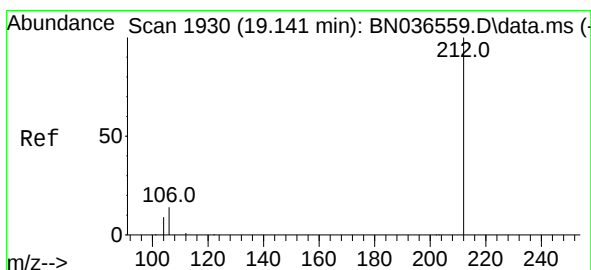
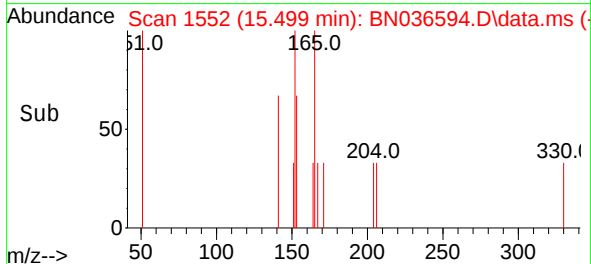
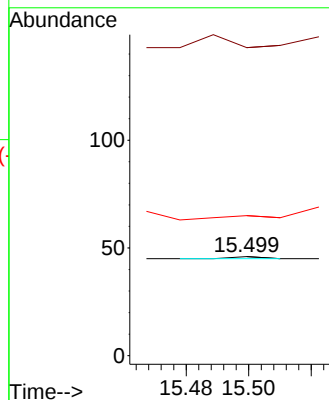
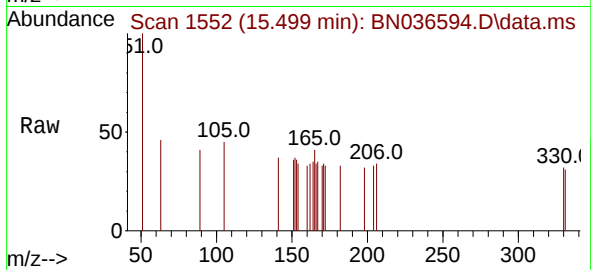




#20
4,6-Dinitro-2-methylphenol
Concen: 0.146 ng
RT: 15.499 min Scan# 1552
Delta R.T. 0.000 min
Lab File: BN036594.D
Acq: 12 Mar 2025 11:02

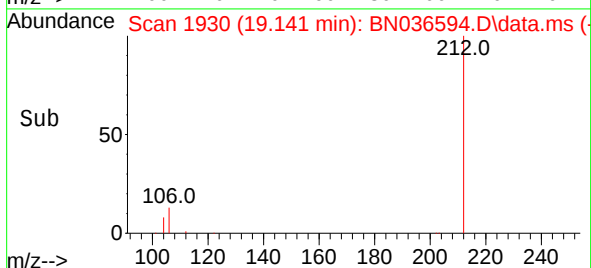
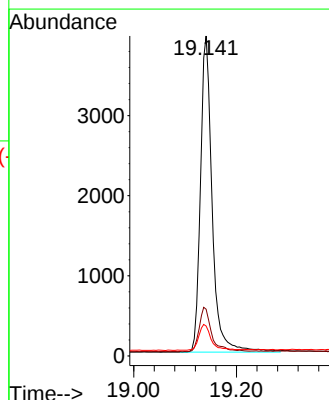
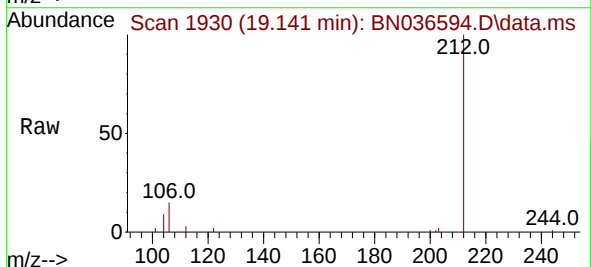
Instrument :
BNA_N
ClientSampleId :

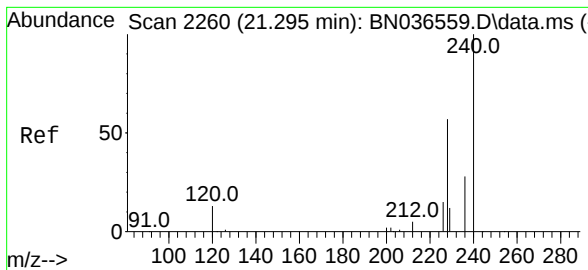
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 310.9 107.9 161.9#
105 141.3 56.2 84.2#



#27
Fluoranthene-d10
Concen: 0.464 ng
RT: 19.141 min Scan# 1930
Delta R.T. 0.000 min
Lab File: BN036594.D
Acq: 12 Mar 2025 11:02

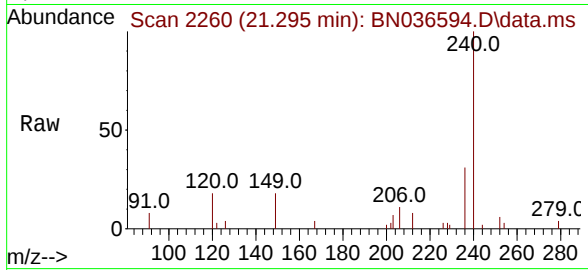
Tgt Ion:212 Resp: 6264
Ion Ratio Lower Upper
212 100
106 15.1 11.8 17.6
104 8.5 7.3 10.9



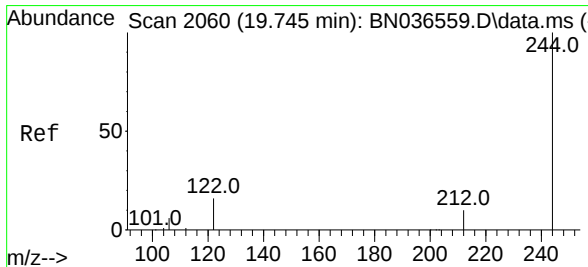
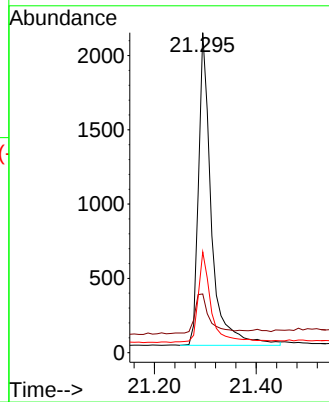
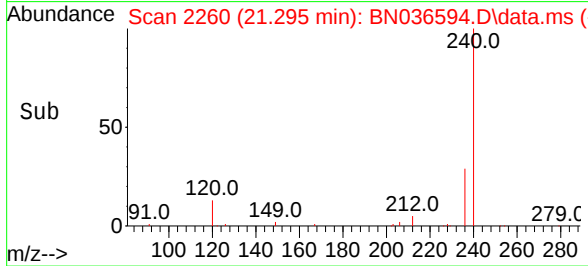


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.295 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN036594.D
Acq: 12 Mar 2025 11:02

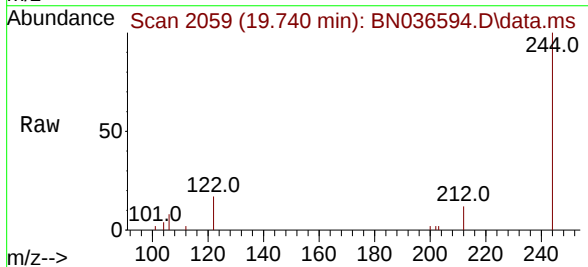
Instrument :
BNA_N
ClientSampleId :



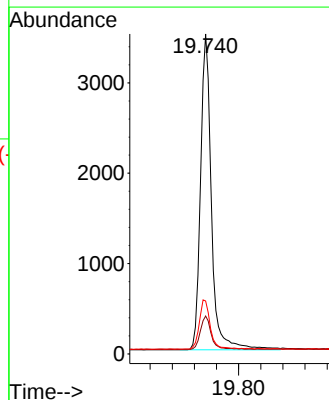
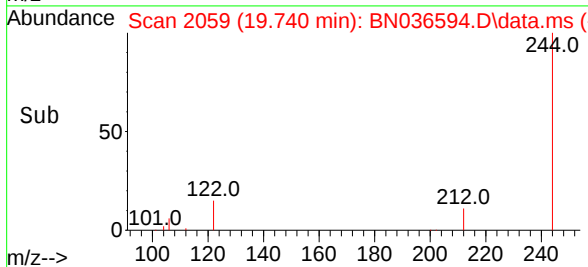
Tgt Ion:240 Resp: 3676
Ion Ratio Lower Upper
240 100
120 18.3 14.6 22.0
236 31.5 24.1 36.1

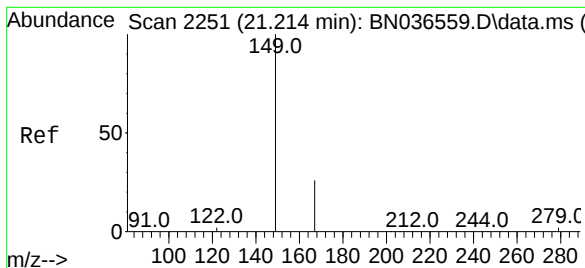


#31
Terphenyl-d14
Concen: 0.544 ng
RT: 19.740 min Scan# 2059
Delta R.T. -0.005 min
Lab File: BN036594.D
Acq: 12 Mar 2025 11:02



Tgt Ion:244 Resp: 4789
Ion Ratio Lower Upper
244 100
212 11.9 9.6 14.4
122 16.6 13.9 20.9

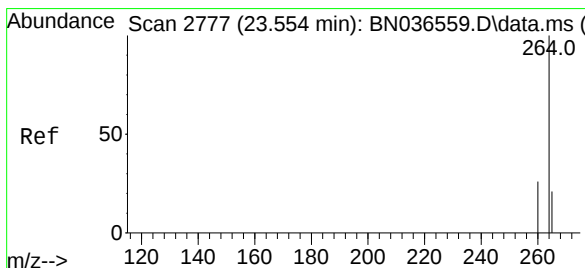
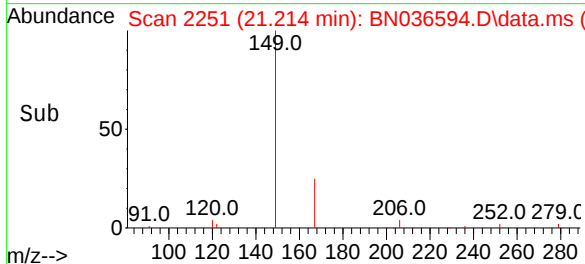
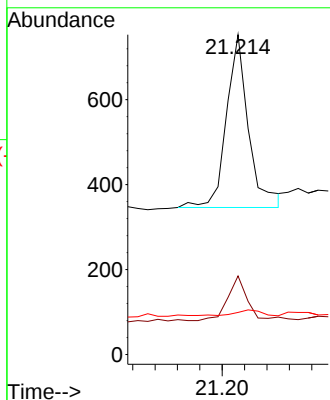
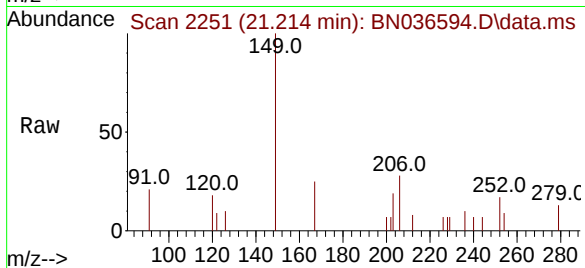




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.062 ng
 RT: 21.214 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN036594.D
 Acq: 12 Mar 2025 11:02

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:149 Resp: 560
 Ion Ratio Lower Upper
 149 100
 167 23.6 20.7 31.1
 279 3.9 3.6 5.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.551 min Scan# 2776
 Delta R.T. -0.003 min
 Lab File: BN036594.D
 Acq: 12 Mar 2025 11:02

Tgt Ion:264 Resp: 3141
 Ion Ratio Lower Upper
 264 100
 260 27.7 22.6 33.8
 265 109.5 88.1 132.1

