

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030625\
 Data File : BN036536.D
 Acq On : 06 Mar 2025 15:24
 Operator : RC/JU
 Sample : Q1501-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BR-05-465-030525

Quant Time: Mar 06 16:20:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 05 16:08:57 2025
 Response via : Initial Calibration

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

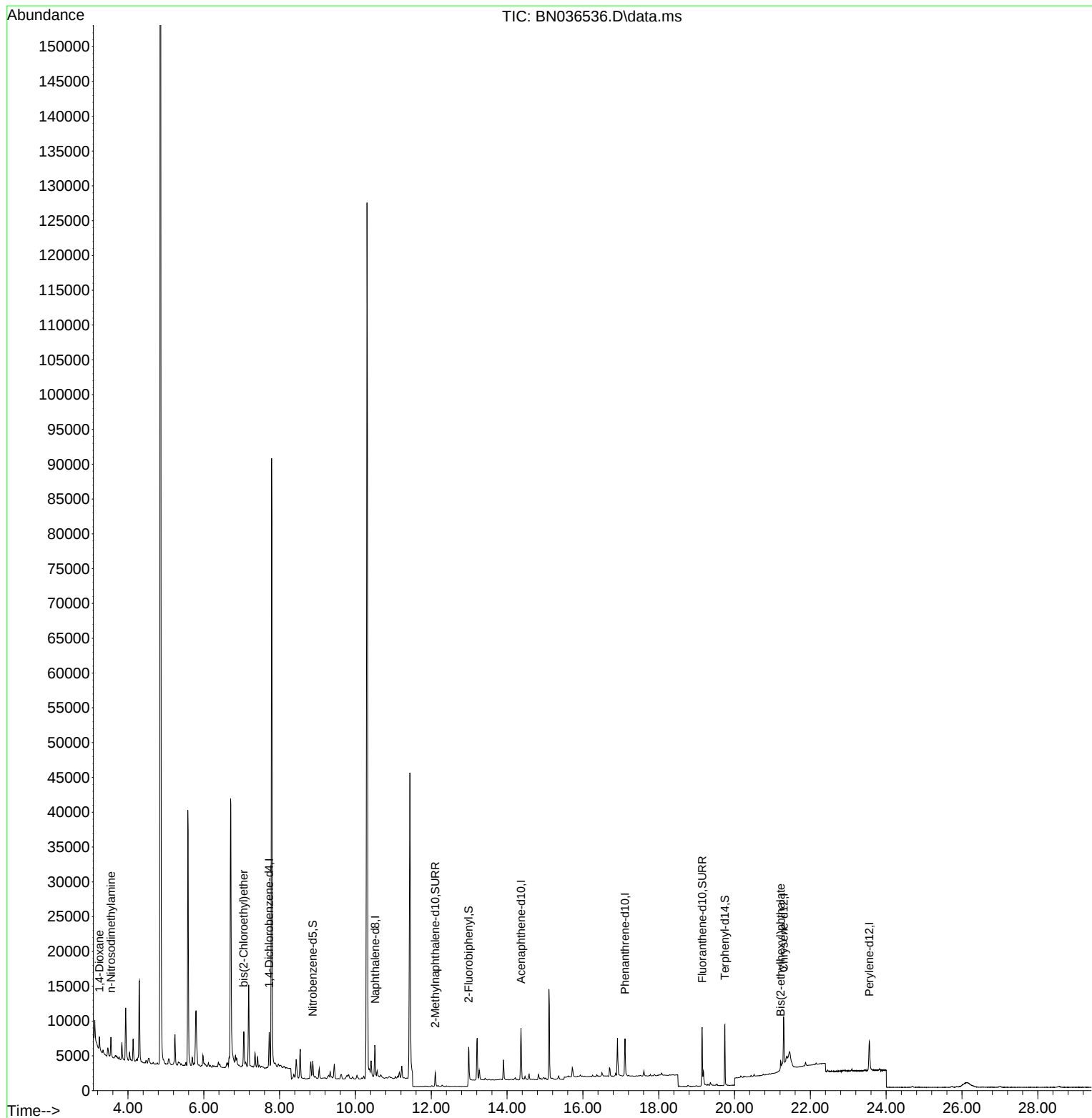
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	2357	0.400	ng	0.00
7) Naphthalene-d8	10.519	136	5902	0.400	ng	# 0.01
13) Acenaphthene-d10	14.366	164	3734	0.400	ng	0.00
19) Phenanthrene-d10	17.111	188	7437	0.400	ng	0.00
29) Chrysene-d12	21.295	240	6928	0.400	ng	0.00
35) Perylene-d12	23.554	264	6218	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	12	0.002	ng	-0.01
5) Phenol-d6	6.908	99	33	0.005	ng	0.00
8) Nitrobenzene-d5	8.875	82	1873	0.322	ng	0.00
11) 2-Methylnaphthalene-d10	12.106	152	2729	0.301	ng	0.00
14) 2,4,6-Tribromophenol	15.858	330	31	0.017	ng	0.00
15) 2-Fluorobiphenyl	12.988	172	7209	0.513	ng	0.00
27) Fluoranthene-d10	19.146	212	8675	0.419	ng	0.00
31) Terphenyl-d14	19.745	244	7993	0.540	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.247	88	816	0.316	ng	# 50
3) n-Nitrosodimethylamine	3.550	42	421	0.094	ng	# 1
6) bis(2-Chloroethyl)ether	7.053	93	7599	1.112	ng	# 24
34) Bis(2-ethylhexyl)phtha...	21.214	149	1755	0.124	ng	# 85

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

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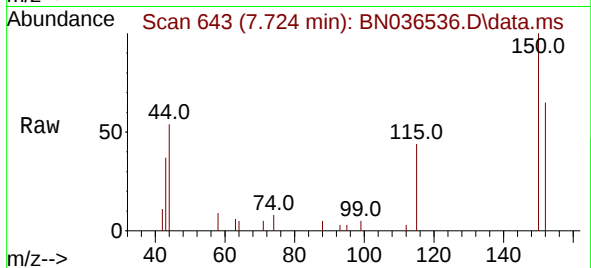
Quant Time: Mar 06 16:20:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 16:08:57 2025
Response via : Initial Calibration



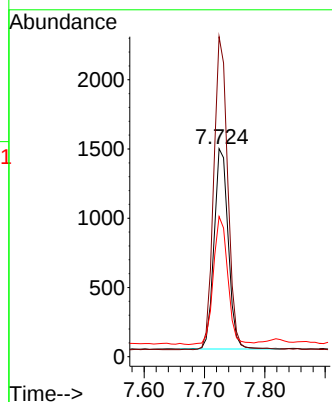
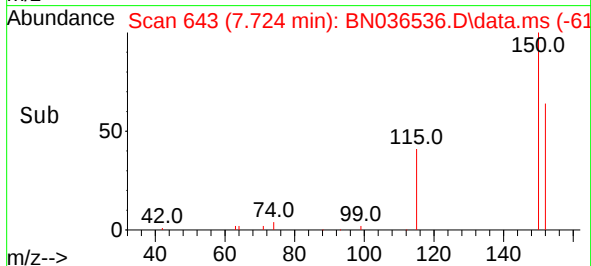


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 64
 Delta R.T. -0.008 min
 Lab File: BN036536.D
 Acq: 06 Mar 2025 15:24

Instrument :
 BNA_N
 ClientSampleId :
 BR-05-465-030525

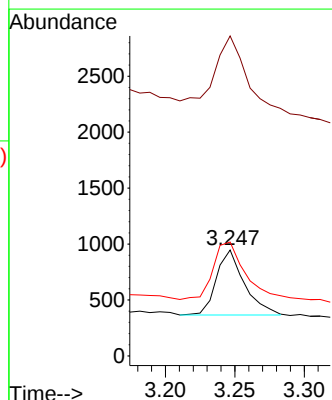
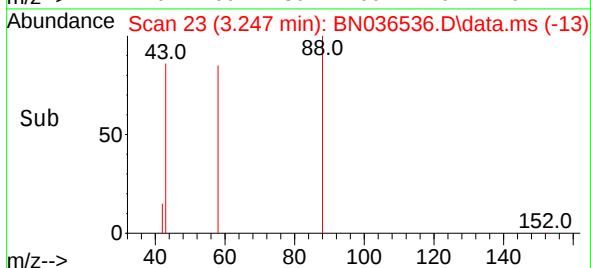
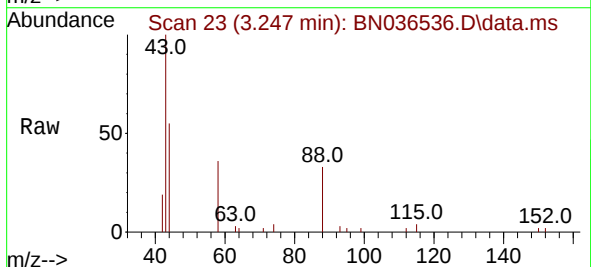


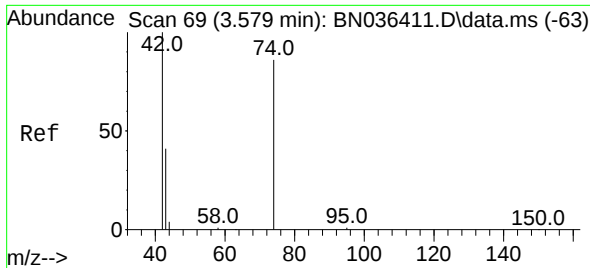
Tgt Ion:152 Resp: 2357
 Ion Ratio Lower Upper
 152 100
 150 153.9 123.7 185.5
 115 67.4 52.5 78.7



#2
 1,4-Dioxane
 Concen: 0.316 ng
 RT: 3.247 min Scan# 23
 Delta R.T. -0.000 min
 Lab File: BN036536.D
 Acq: 06 Mar 2025 15:24

Tgt Ion: 88 Resp: 816
 Ion Ratio Lower Upper
 88 100
 43 119.2 33.7 50.5#
 58 99.6 68.9 103.3

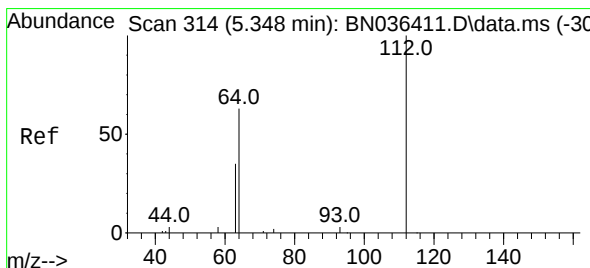
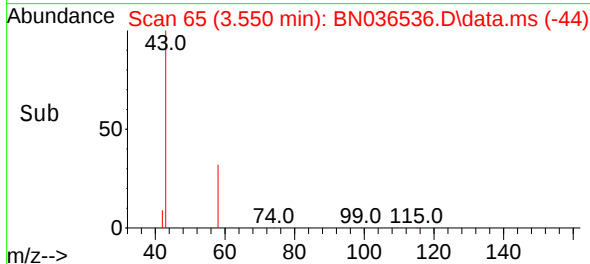
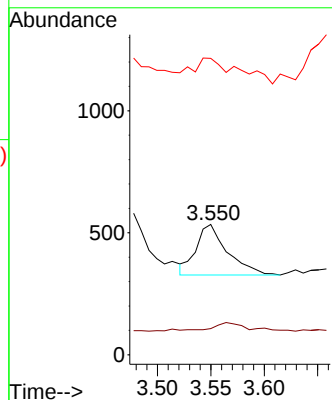
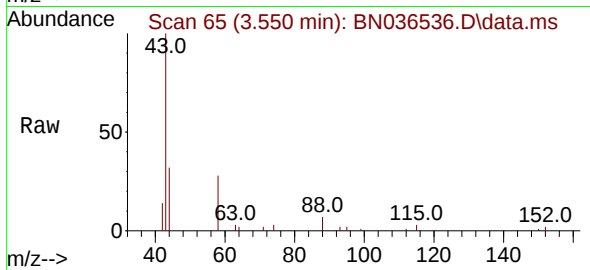




#3
n-Nitrosodimethylamine
Concen: 0.094 ng
RT: 3.550 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN036536.D
Acq: 06 Mar 2025 15:24

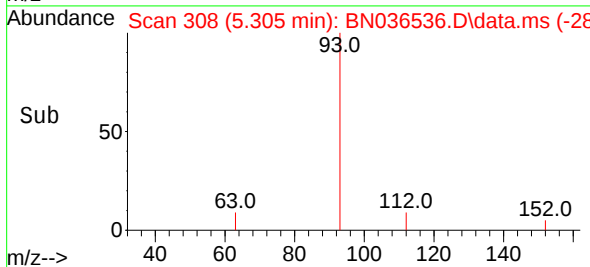
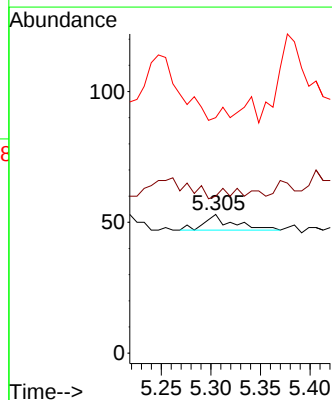
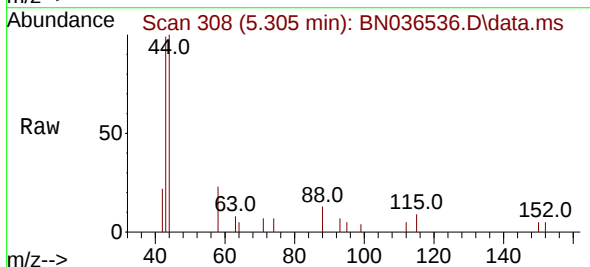
Instrument :
BNA_N
ClientSampleId :
BR-05-465-030525

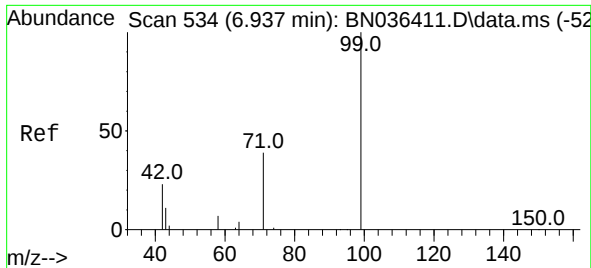
Tgt Ion: 42 Resp: 421
Ion Ratio Lower Upper
42 100
74 0.0 71.8 107.6#
44 74.1 7.8 11.6#



#4
2-Fluorophenol
Concen: 0.002 ng
RT: 5.305 min Scan# 308
Delta R.T. -0.015 min
Lab File: BN036536.D
Acq: 06 Mar 2025 15:24

Tgt Ion: 112 Resp: 12
Ion Ratio Lower Upper
112 100
64 8.3 53.4 80.0#
63 25.0 30.3 45.5#

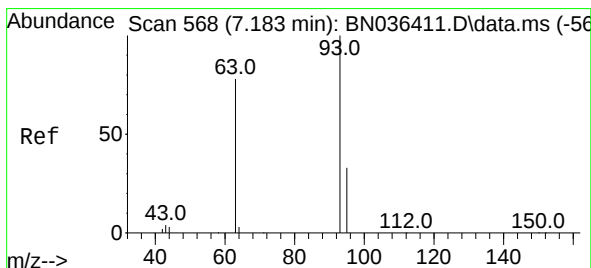
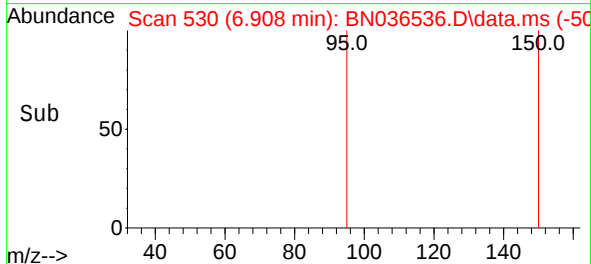
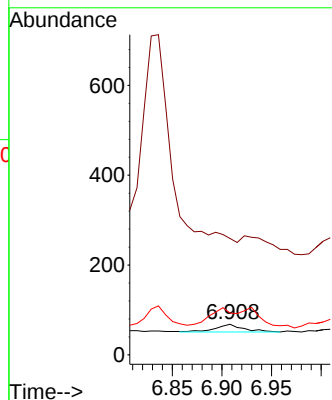
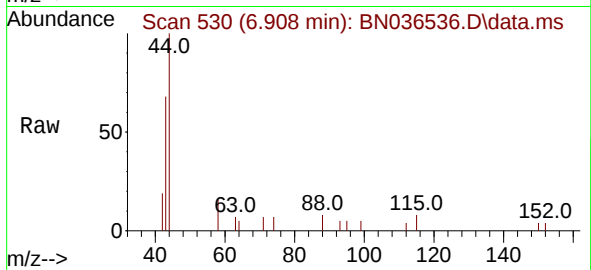




#5
Phenol-d6
Concen: 0.005 ng
RT: 6.908 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN036536.D
Acq: 06 Mar 2025 15:24

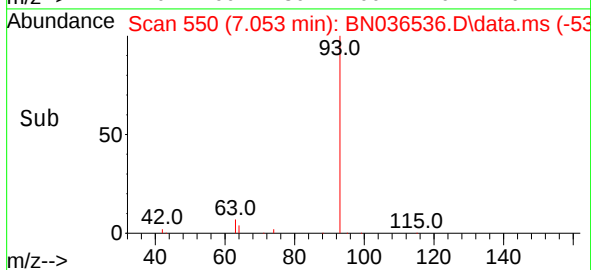
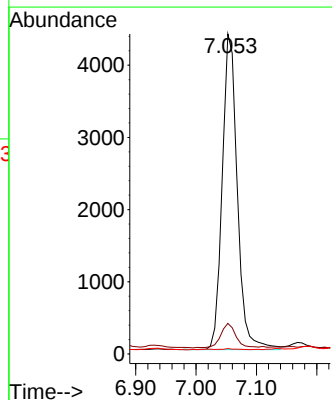
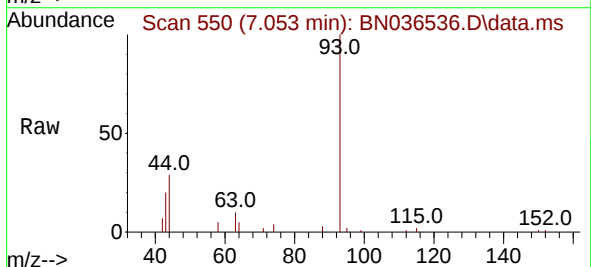
Instrument :
BNA_N
ClientSampleId :
BR-05-465-030525

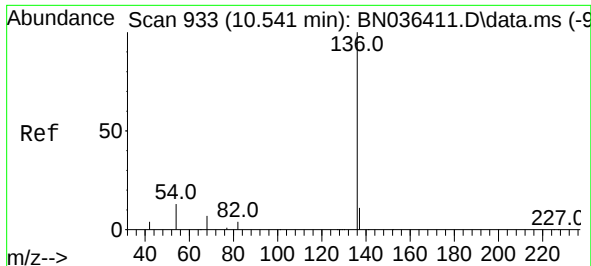
Tgt Ion: 99 Resp: 33
Ion Ratio Lower Upper
99 100
42 0.0 21.7 32.5#
71 197.0 32.6 49.0#



#6
bis(2-Chloroethyl)ether
Concen: 1.112 ng
RT: 7.053 min Scan# 550
Delta R.T. -0.101 min
Lab File: BN036536.D
Acq: 06 Mar 2025 15:24

Tgt Ion: 93 Resp: 7599
Ion Ratio Lower Upper
93 100
63 7.7 66.3 99.5#
95 0.3 26.2 39.4#

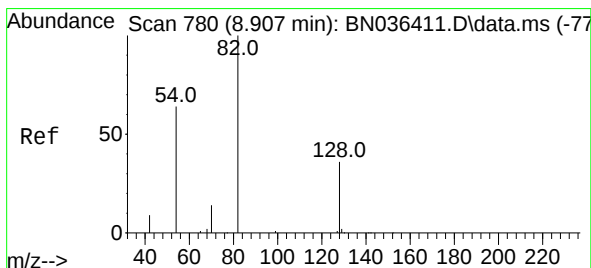
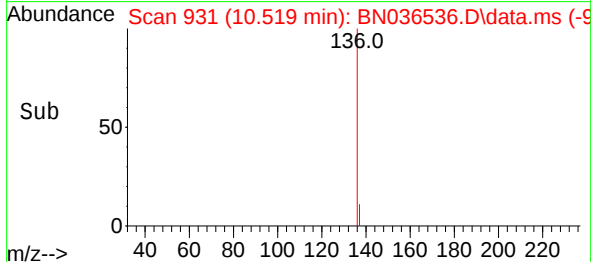
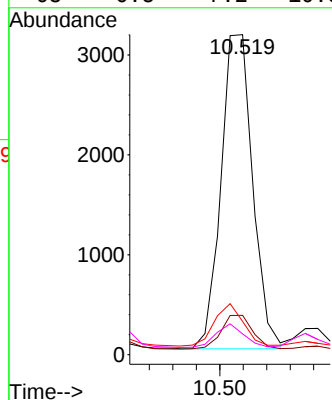
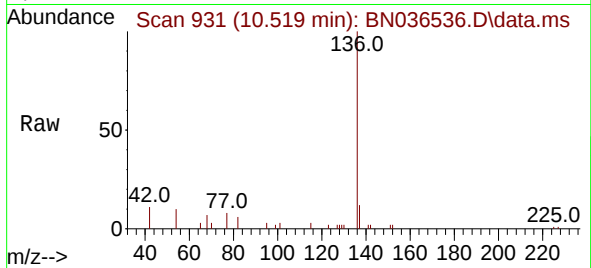




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.519 min Scan# 911
Delta R.T. 0.011 min
Lab File: BN036536.D
Acq: 06 Mar 2025 15:24

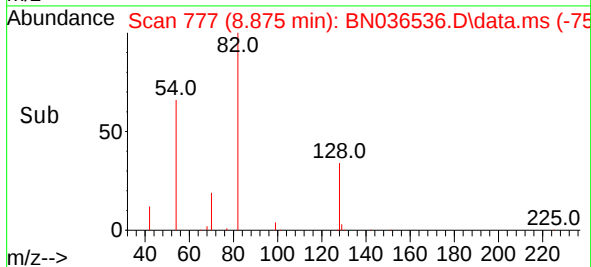
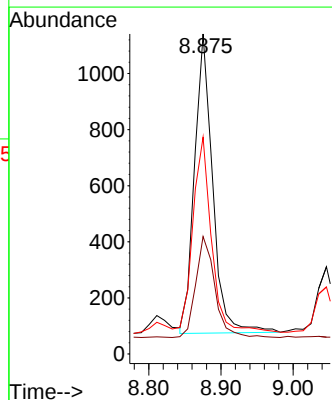
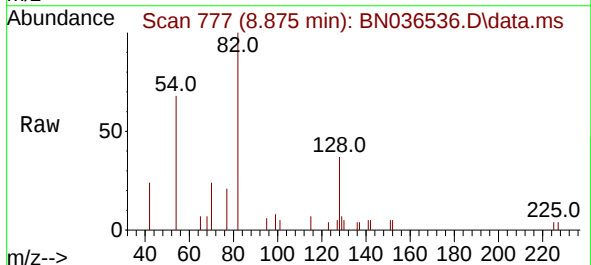
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ClientSampleId :
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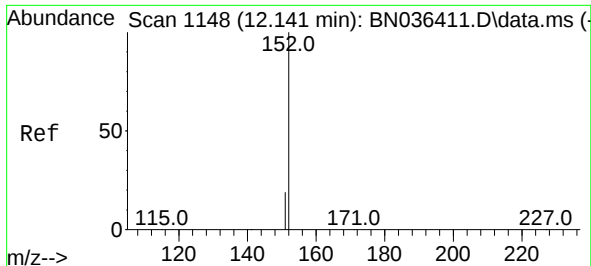
Tgt Ion:	136	Resp:	5902
Ion	Ratio	Lower	Upper
136	100		
137	12.3	10.1	15.1
54	10.4	11.8	17.6#
68	6.5	7.2	10.8#



#8
Nitrobenzene-d5
Concen: 0.322 ng
RT: 8.875 min Scan# 777
Delta R.T. -0.000 min
Lab File: BN036536.D
Acq: 06 Mar 2025 15:24

Tgt Ion:	82	Resp:	1873
Ion	Ratio	Lower	Upper
82	100		
128	36.7	31.9	47.9
54	67.7	53.1	79.7

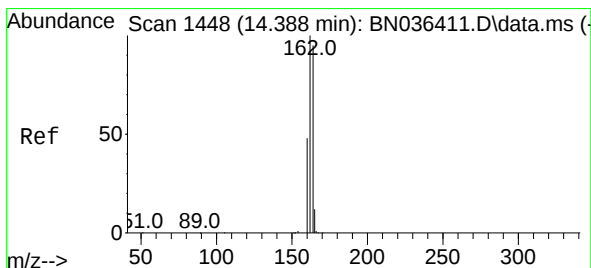
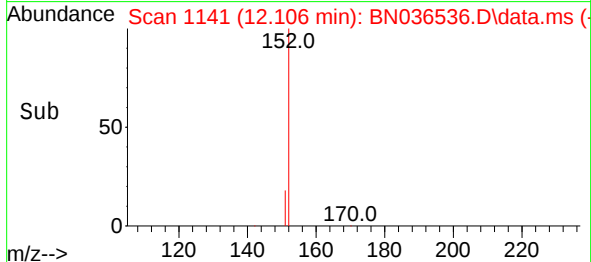
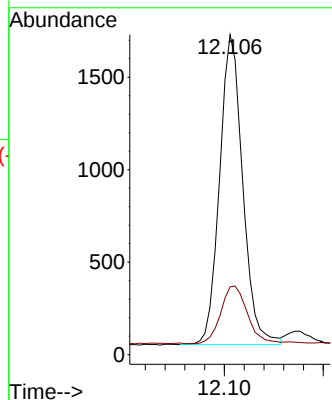
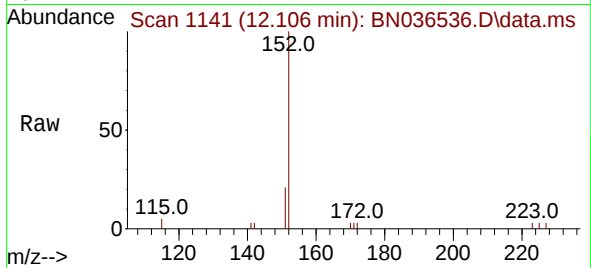




#11
2-Methylnaphthalene-d10
Concen: 0.301 ng
RT: 12.106 min Scan# 1141
Delta R.T. -0.000 min
Lab File: BN036536.D
Acq: 06 Mar 2025 15:24

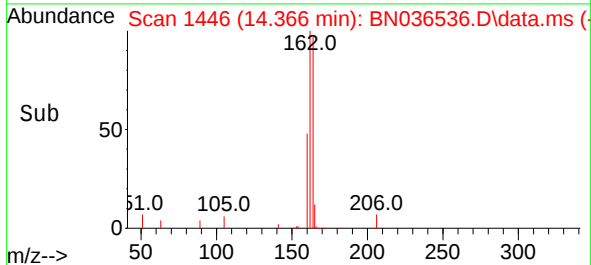
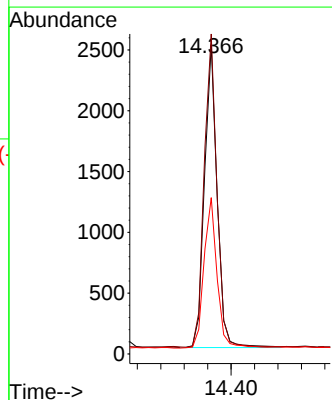
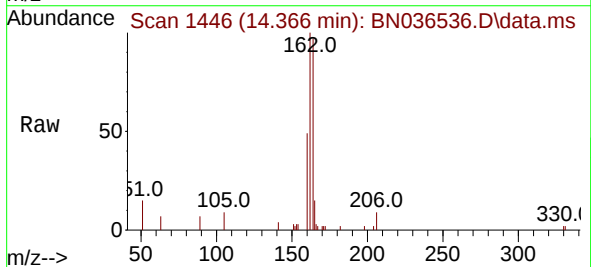
Instrument :
BNA_N
ClientSampleId :
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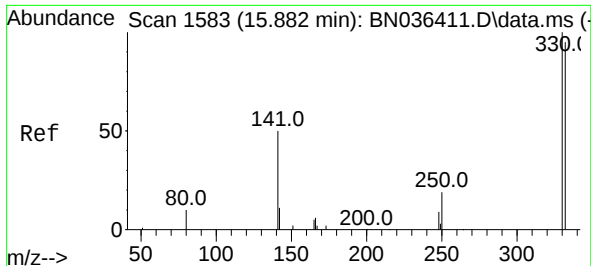
Tgt Ion:152 Resp: 2729
Ion Ratio Lower Upper
152 100
151 21.9 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.366 min Scan# 1446
Delta R.T. -0.000 min
Lab File: BN036536.D
Acq: 06 Mar 2025 15:24

Tgt Ion:164 Resp: 3734
Ion Ratio Lower Upper
164 100
162 103.5 84.1 126.1
160 50.5 41.4 62.0

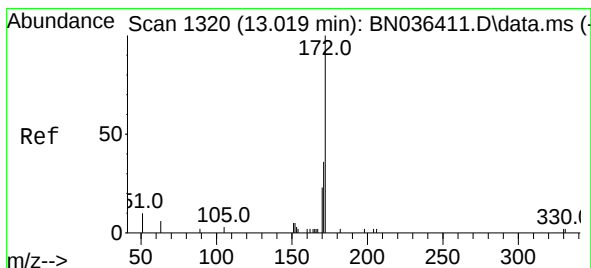
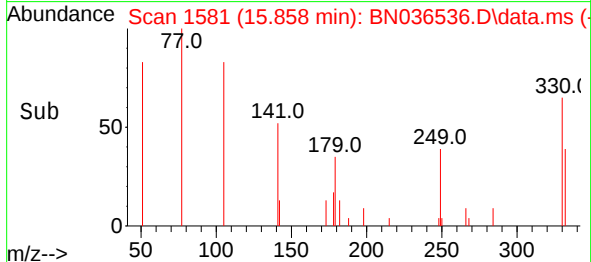
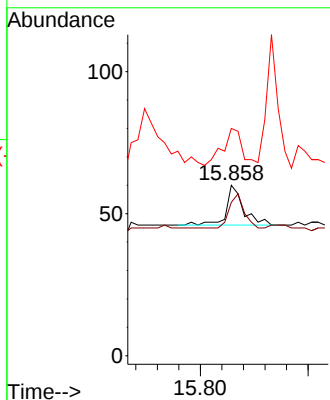
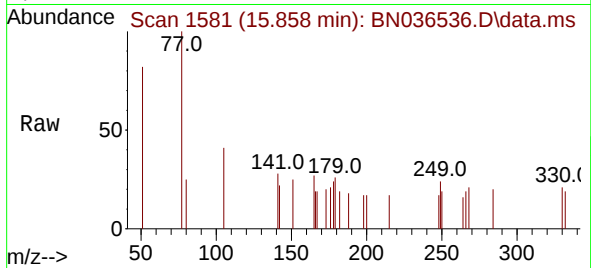




#14
2,4,6-Tribromophenol
Concen: 0.017 ng
RT: 15.858 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN036536.D
Acq: 06 Mar 2025 15:24

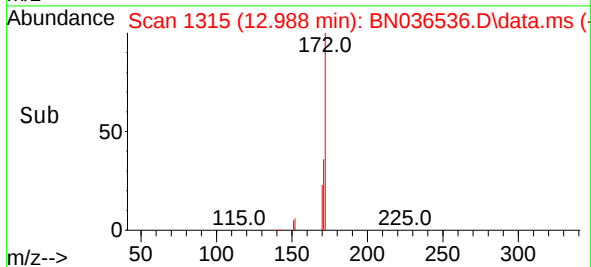
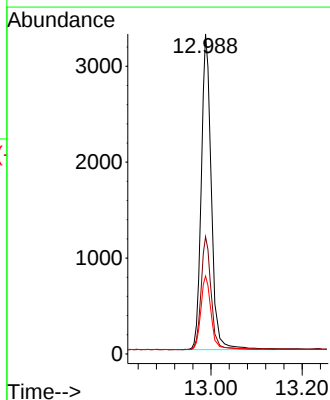
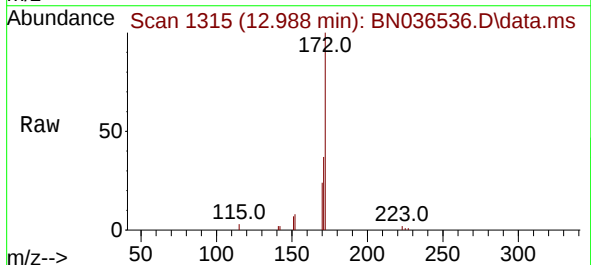
Instrument :
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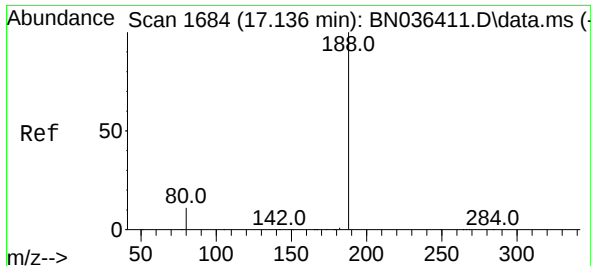
Tgt Ion:330 Resp: 31
Ion Ratio Lower Upper
330 100
332 80.6 76.6 114.8
141 103.2 37.8 56.8#



#15
2-Fluorobiphenyl
Concen: 0.513 ng
RT: 12.988 min Scan# 1315
Delta R.T. -0.000 min
Lab File: BN036536.D
Acq: 06 Mar 2025 15:24

Tgt Ion:172 Resp: 7209
Ion Ratio Lower Upper
172 100
171 36.6 29.6 44.4
170 24.3 19.8 29.6





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.111 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN036536.D

Acq: 06 Mar 2025 15:24

Instrument :

BNA_N

ClientSampleId :

BR-05-465-030525

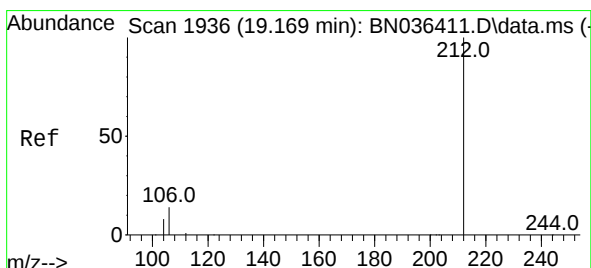
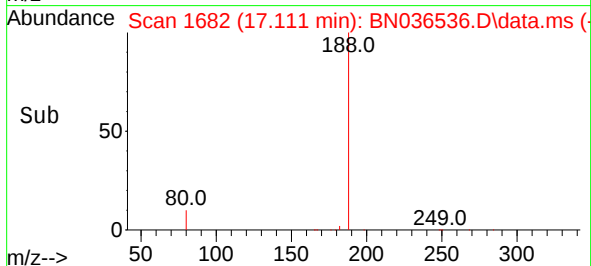
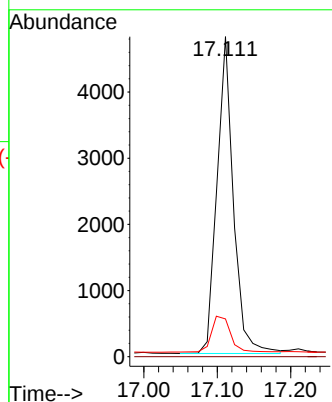
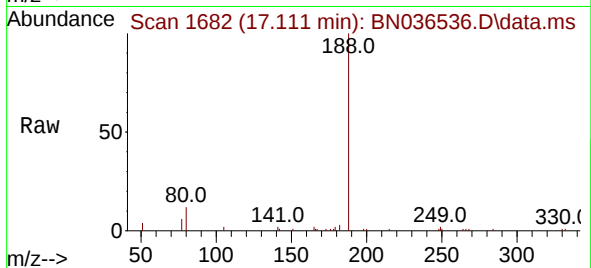
Tgt Ion:188 Resp: 7437

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.8 9.8 14.6



#27

Fluoranthene-d10

Concen: 0.419 ng

RT: 19.146 min Scan# 1931

Delta R.T. 0.005 min

Lab File: BN036536.D

Acq: 06 Mar 2025 15:24

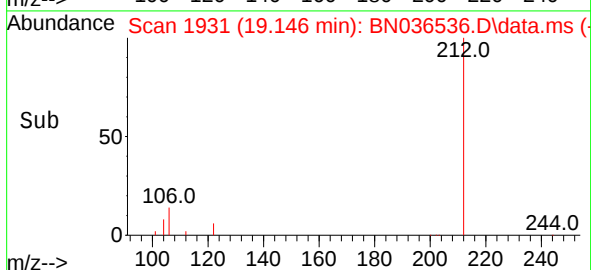
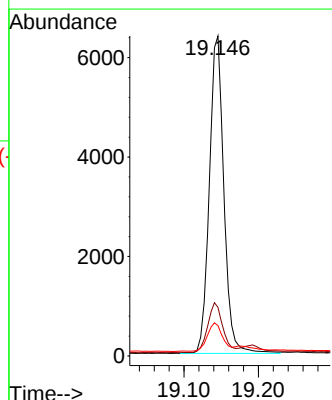
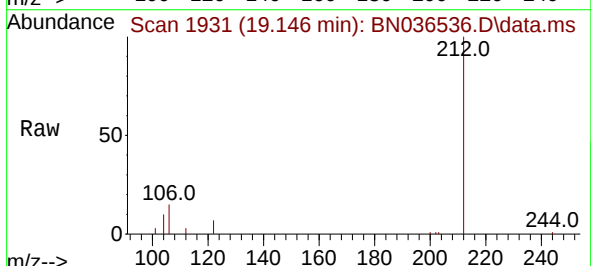
Tgt Ion:212 Resp: 8675

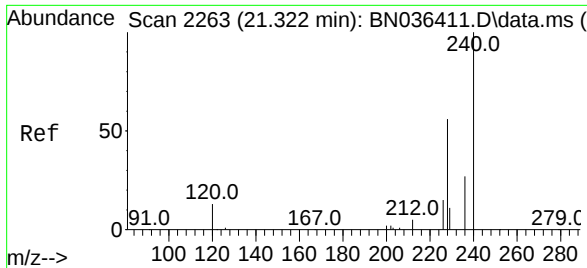
Ion Ratio Lower Upper

212 100

106 16.1 11.5 17.3

104 9.2 7.1 10.7

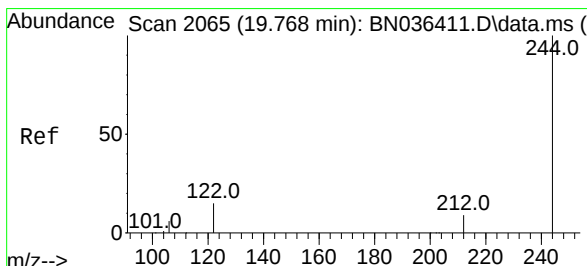
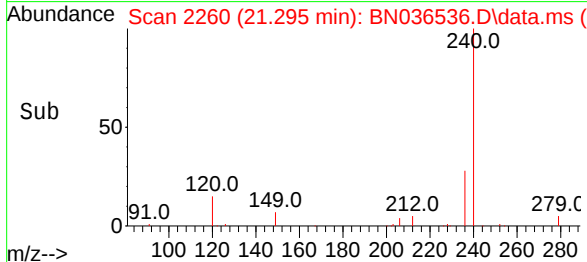
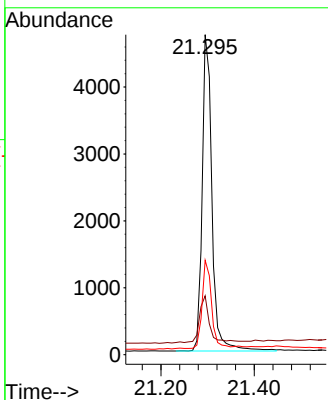
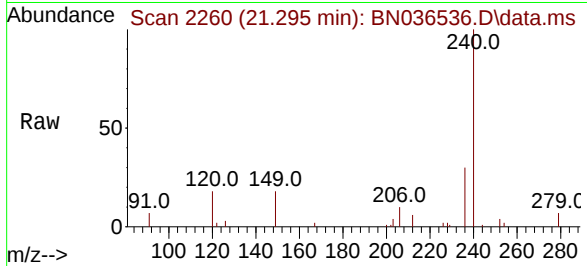




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.295 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN036536.D
Acq: 06 Mar 2025 15:24

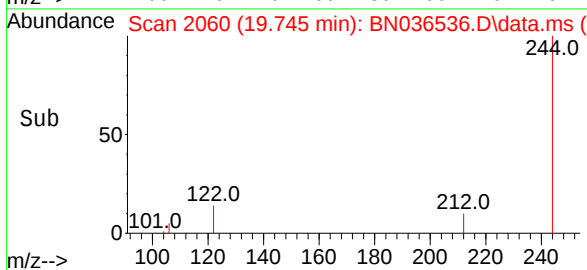
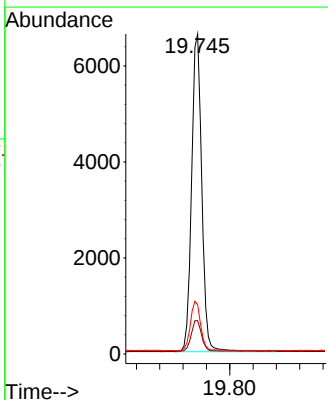
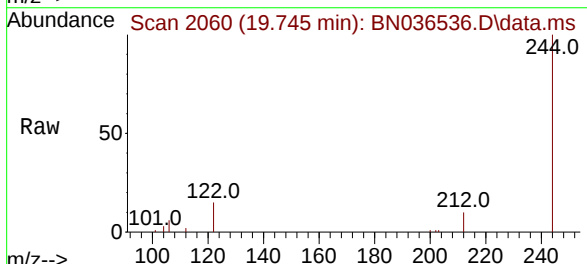
Instrument :
BNA_N
ClientSampleId :
BR-05-465-030525

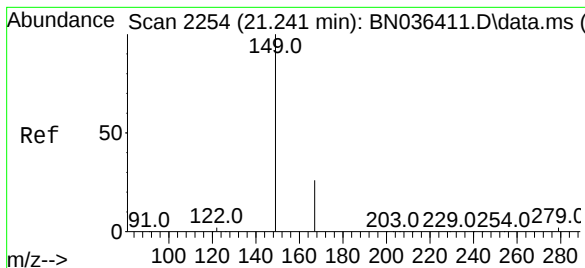
Tgt Ion:240 Resp: 6928
Ion Ratio Lower Upper
240 100
120 18.4 13.3 19.9
236 29.5 23.0 34.6



#31
Terphenyl-d14
Concen: 0.540 ng
RT: 19.745 min Scan# 2060
Delta R.T. -0.000 min
Lab File: BN036536.D
Acq: 06 Mar 2025 15:24

Tgt Ion:244 Resp: 7993
Ion Ratio Lower Upper
244 100
212 10.4 8.1 12.1
122 15.4 12.8 19.2

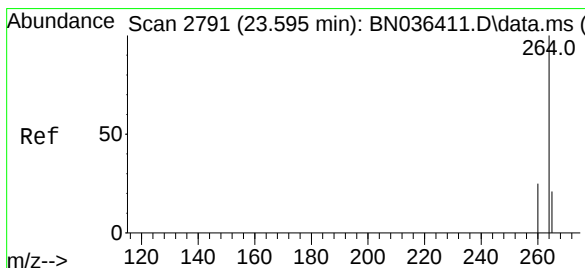
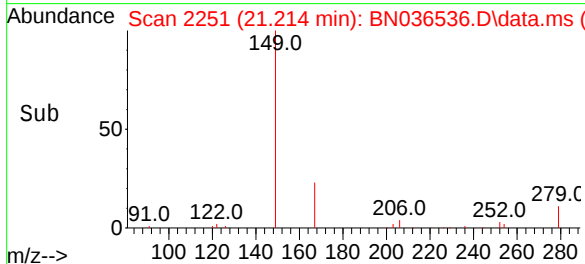
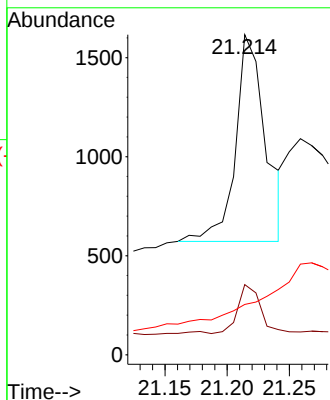
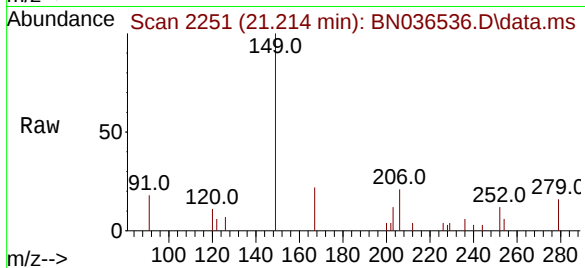




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.124 ng
 RT: 21.214 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN036536.D
 Acq: 06 Mar 2025 15:24

Instrument :
 BNA_N
 ClientSampleId :
 BR-05-465-030525

Tgt Ion:149 Resp: 1755
 Ion Ratio Lower Upper
 149 100
 167 18.3 21.2 31.8#
 279 0.0 2.7 4.1#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.554 min Scan# 2777
 Delta R.T. 0.003 min
 Lab File: BN036536.D
 Acq: 06 Mar 2025 15:24

Tgt Ion:264 Resp: 6218
 Ion Ratio Lower Upper
 264 100
 260 25.9 20.9 31.3
 265 79.4 60.7 91.1

