

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031425\
 Data File : BN036638.D
 Acq On : 15 Mar 2025 11:35
 Operator : RC/JU
 Sample : Q1559-09
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP03-20250310

Quant Time: Mar 17 00:35:25 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)

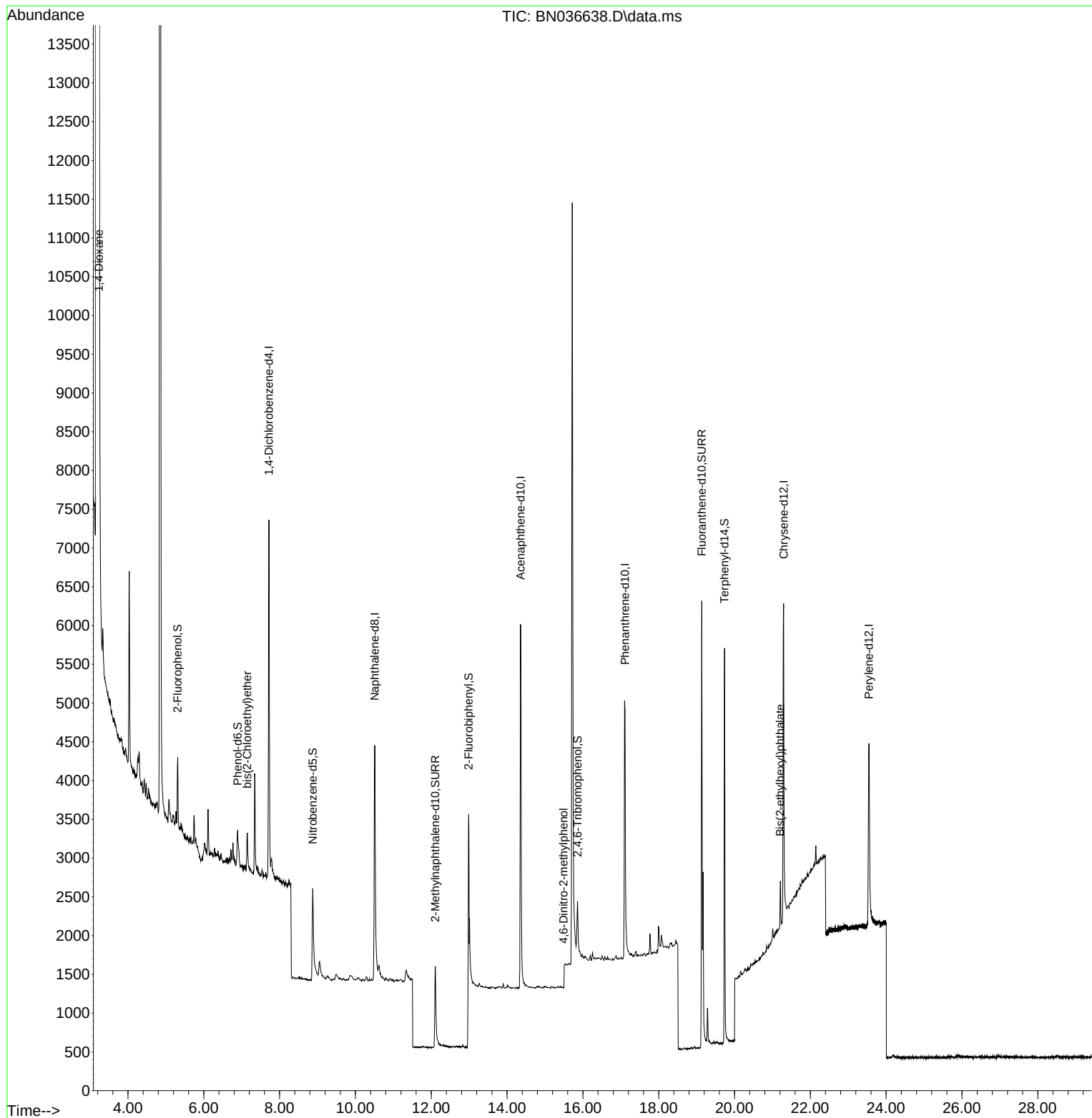
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	2229	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	5124	0.400	ng	0.00
13) Acenaphthene-d10	14.355	164	3068	0.400	ng	-0.01
19) Phenanthrene-d10	17.111	188	6238	0.400	ng	0.00
29) Chrysene-d12	21.295	240	4680	0.400	ng	# 0.00
35) Perylene-d12	23.545	264	3834	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	642	0.124	ng	0.00
5) Phenol-d6	6.894	99	414	0.065	ng	0.00
8) Nitrobenzene-d5	8.875	82	1490	0.267	ng	0.00
11) 2-Methylnaphthalene-d10	12.106	152	2174	0.285	ng	0.00
14) 2,4,6-Tribromophenol	15.858	330	440	0.316	ng	0.00
15) 2-Fluorobiphenyl	12.988	172	4928	0.276	ng	0.00
27) Fluoranthene-d10	19.136	212	6794	0.425	ng	0.00
31) Terphenyl-d14	19.736	244	5055	0.451	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.232	88	12401	5.015	ng	Qvalue 95
6) bis(2-Chloroethyl)ether	7.146	93	384	0.058	ng	86
20) 4,6-Dinitro-2-methylph...	15.489	198	1	0.146	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.205	149	683	0.059	ng	99

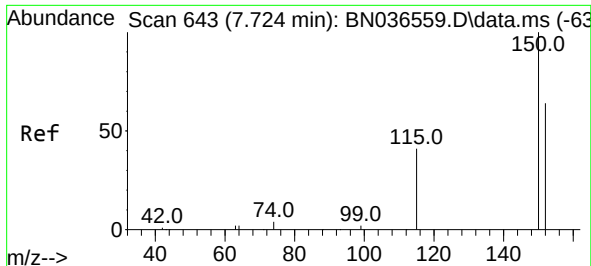
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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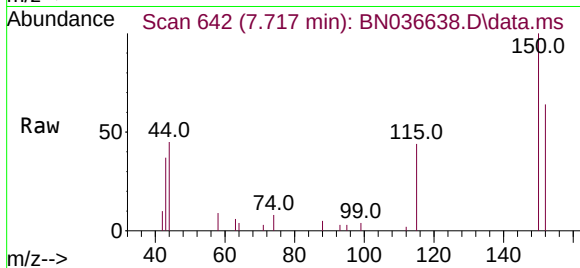
Quant Time: Mar 17 00:35:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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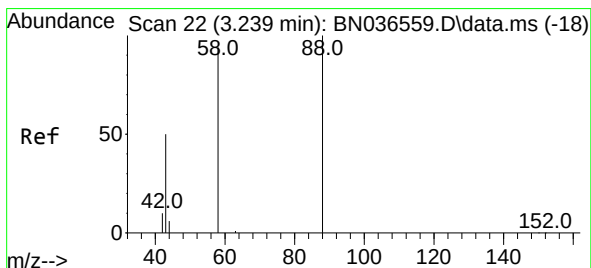
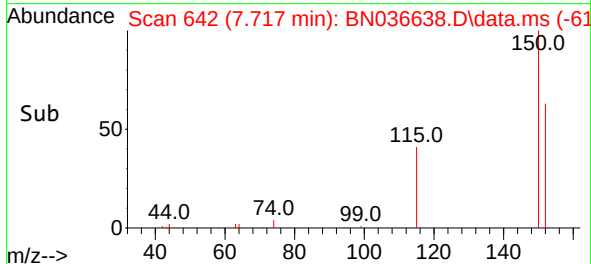
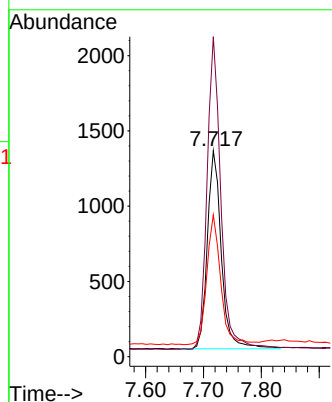
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.717 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN036638.D
 Acq: 15 Mar 2025 11:35

Instrument :
 BNA_N
 ClientSampleId :
 DUP03-20250310



Tgt Ion:152 Resp: 2229

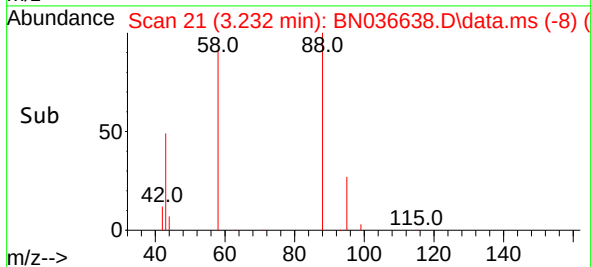
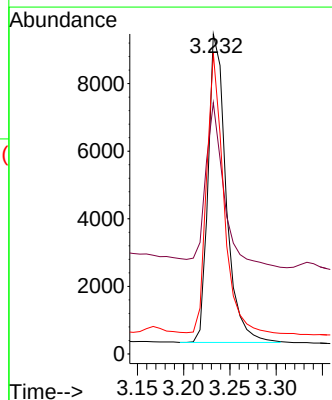
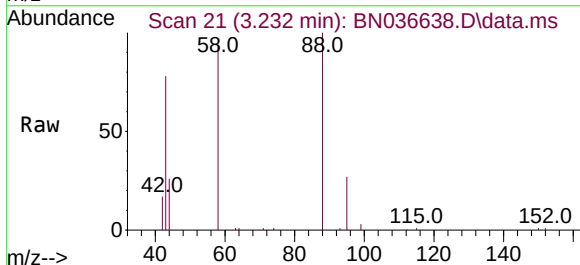
Ion	Ratio	Lower	Upper
152	100		
150	155.4	123.7	185.5
115	68.9	54.3	81.5

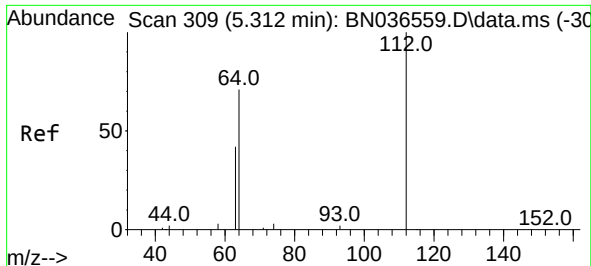


#2
 1,4-Dioxane
 Concen: 5.015 ng
 RT: 3.232 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BN036638.D
 Acq: 15 Mar 2025 11:35

Tgt Ion: 88 Resp: 12401

Ion	Ratio	Lower	Upper
88	100		
43	54.4	37.8	56.8
58	85.4	67.4	101.2

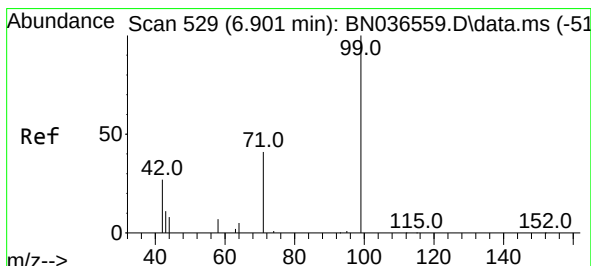
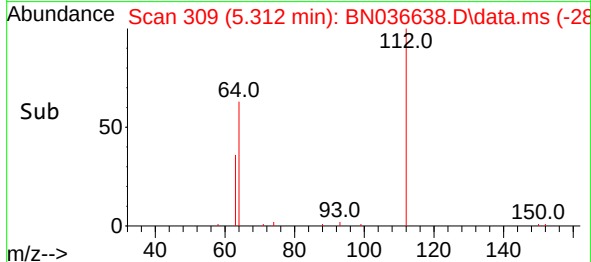
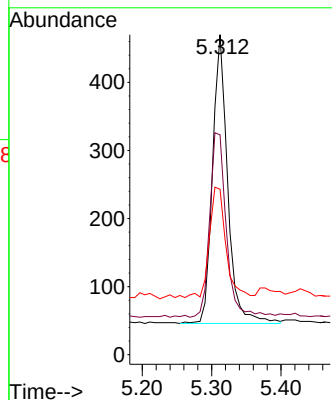
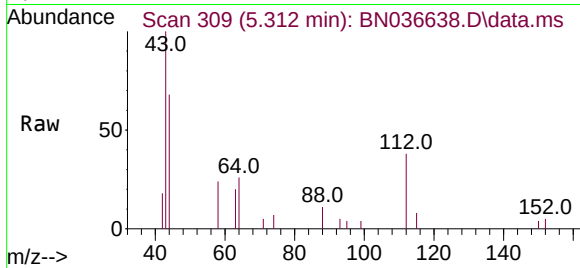




#4
2-Fluorophenol
Concen: 0.124 ng
RT: 5.312 min Scan# 309
Delta R.T. -0.000 min
Lab File: BN036638.D
Acq: 15 Mar 2025 11:35

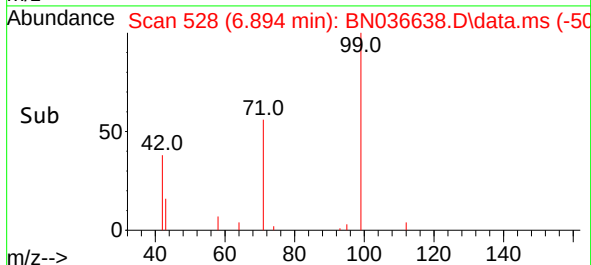
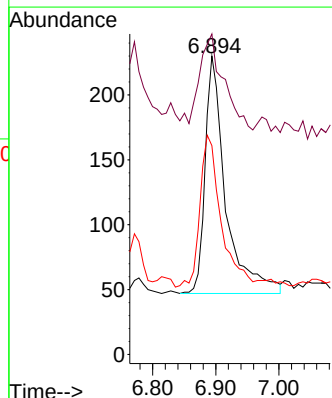
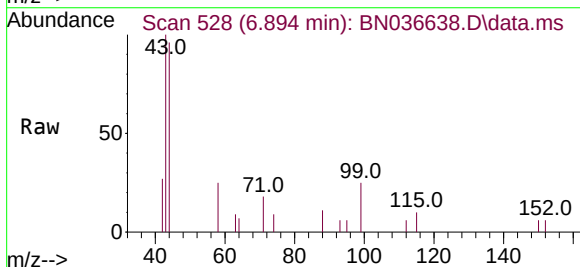
Instrument :
BNA_N
ClientSampleId :
DUP03-20250310

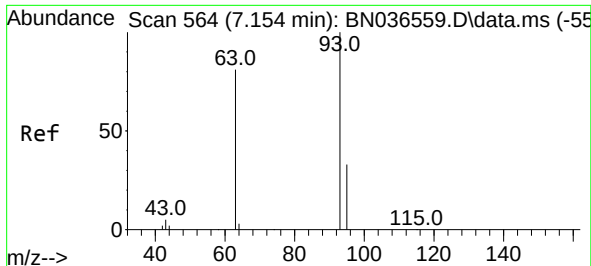
Tgt Ion:112 Resp: 642
Ion Ratio Lower Upper
112 100
64 70.2 53.1 79.7
63 41.3 31.8 47.8



#5
Phenol-d6
Concen: 0.065 ng
RT: 6.894 min Scan# 528
Delta R.T. -0.007 min
Lab File: BN036638.D
Acq: 15 Mar 2025 11:35

Tgt Ion: 99 Resp: 414
Ion Ratio Lower Upper
99 100
42 46.9 26.5 39.7#
71 65.7 34.1 51.1#

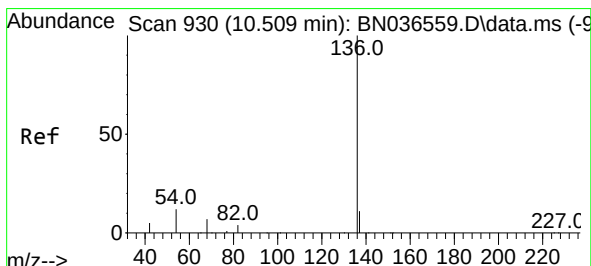
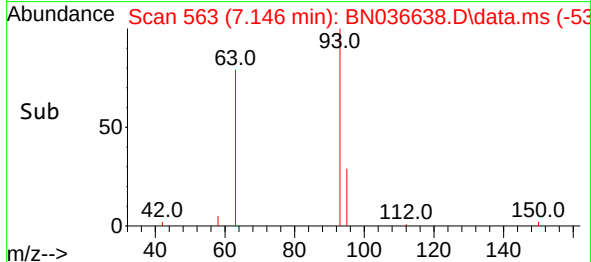
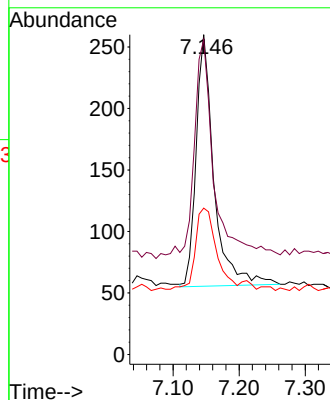
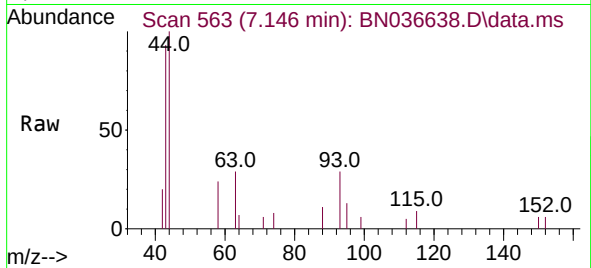




#6
bis(2-Chloroethyl)ether
Concen: 0.058 ng
RT: 7.146 min Scan# 563
Delta R.T. -0.007 min
Lab File: BN036638.D
Acq: 15 Mar 2025 11:35

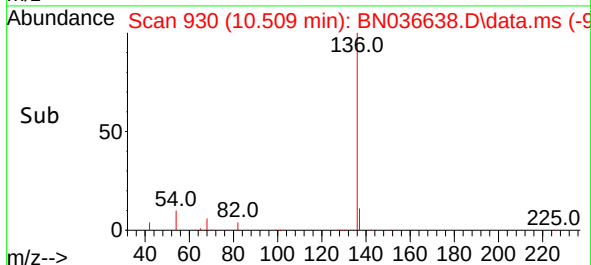
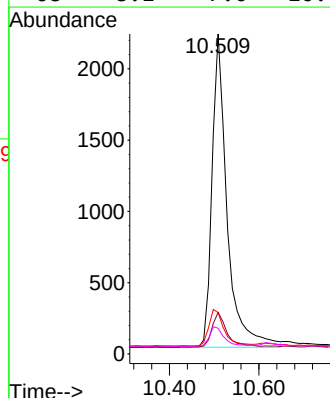
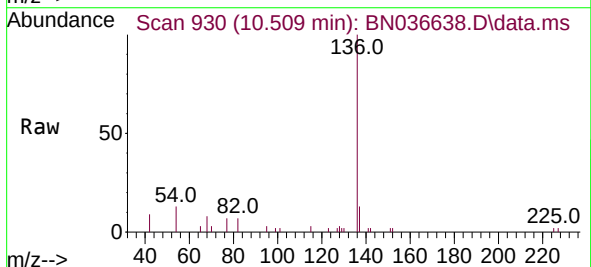
Instrument :
BNA_N
ClientSampleId :
DUP03-20250310

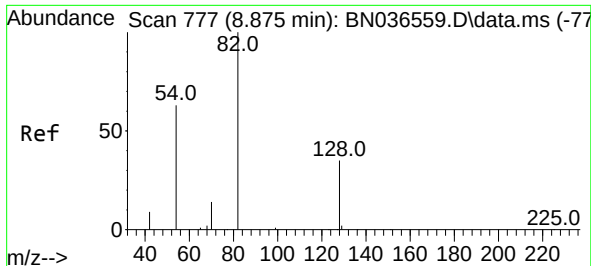
Tgt Ion: 93 Resp: 384
Ion Ratio Lower Upper
93 100
63 99.0 67.7 101.5
95 37.2 25.6 38.4



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 930
Delta R.T. -0.000 min
Lab File: BN036638.D
Acq: 15 Mar 2025 11:35

Tgt Ion:136 Resp: 5124
Ion Ratio Lower Upper
136 100
137 13.0 10.3 15.5
54 12.9 11.5 17.3
68 8.1 7.0 10.4

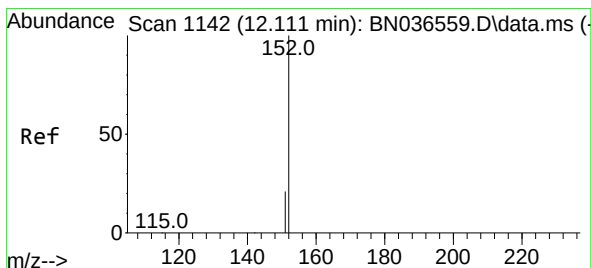
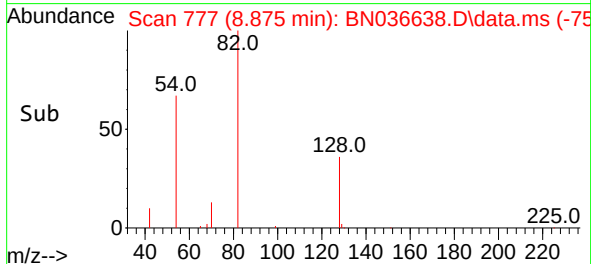
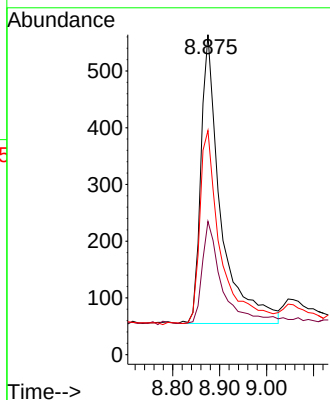
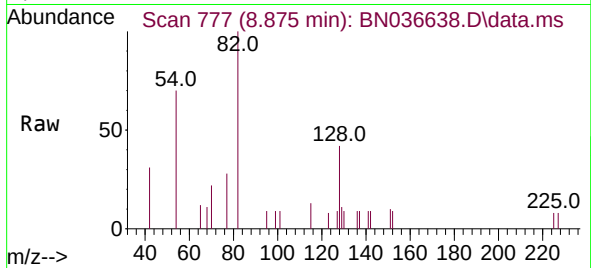




#8
 Nitrobenzene-d5
 Concen: 0.267 ng
 RT: 8.875 min Scan# 777
 Delta R.T. -0.000 min
 Lab File: BN036638.D
 Acq: 15 Mar 2025 11:35

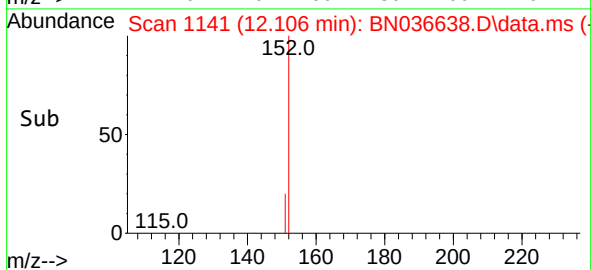
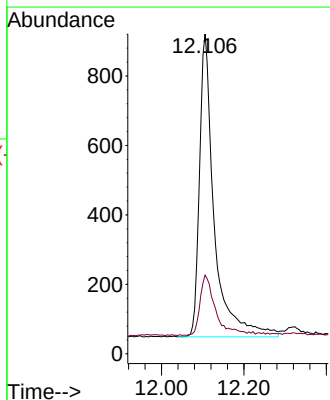
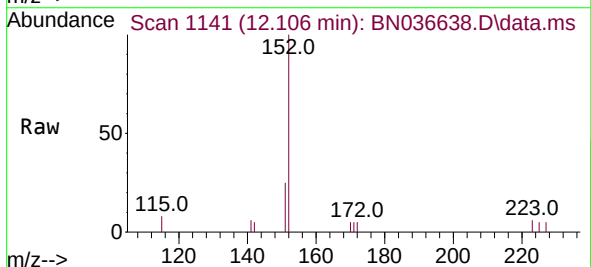
Instrument :
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 ClientSampleId :
 DUP03-20250310

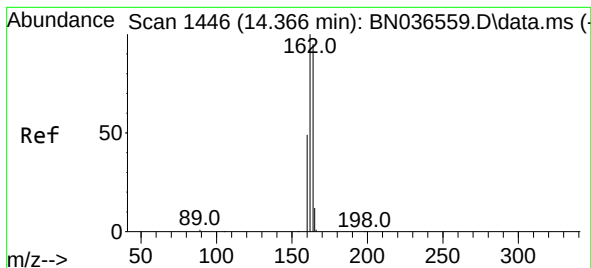
Tgt Ion: 82 Resp: 1490
 Ion Ratio Lower Upper
 82 100
 128 41.7 30.6 45.8
 54 70.0 52.2 78.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.285 ng
 RT: 12.106 min Scan# 1141
 Delta R.T. -0.005 min
 Lab File: BN036638.D
 Acq: 15 Mar 2025 11:35

Tgt Ion: 152 Resp: 2174
 Ion Ratio Lower Upper
 152 100
 151 20.7 17.0 25.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.355 min Scan# 1445

Delta R.T. -0.011 min

Lab File: BN036638.D

Acq: 15 Mar 2025 11:35

Instrument :

BNA_N

ClientSampleId :

DUP03-20250310

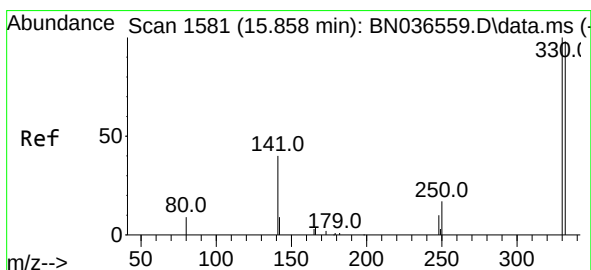
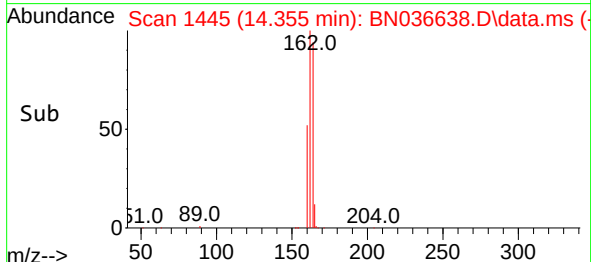
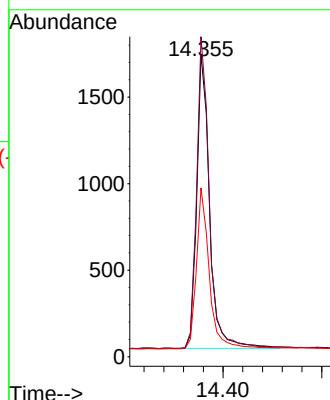
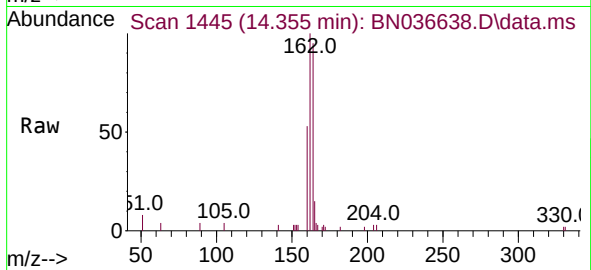
Tgt Ion:164 Resp: 3068

Ion Ratio Lower Upper

164 100

162 105.7 84.2 126.2

160 55.7 42.2 63.2



#14

2,4,6-Tribromophenol

Concen: 0.316 ng

RT: 15.858 min Scan# 1581

Delta R.T. -0.000 min

Lab File: BN036638.D

Acq: 15 Mar 2025 11:35

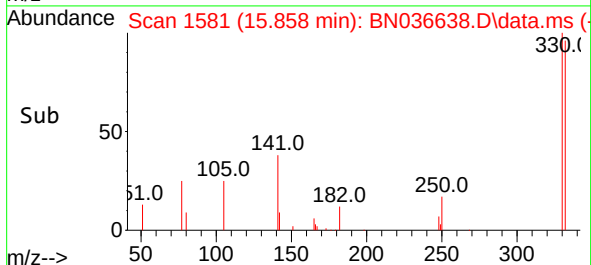
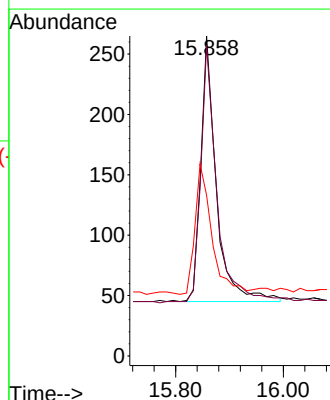
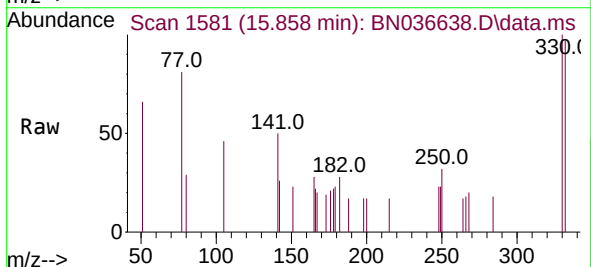
Tgt Ion:330 Resp: 440

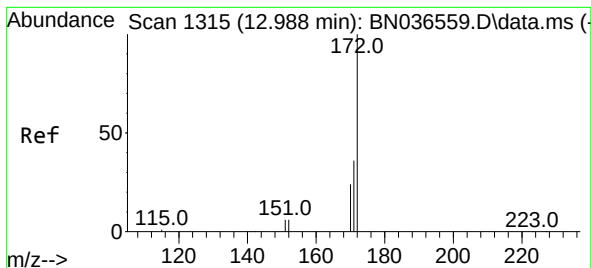
Ion Ratio Lower Upper

330 100

332 101.1 75.2 112.8

141 54.1 43.4 65.2

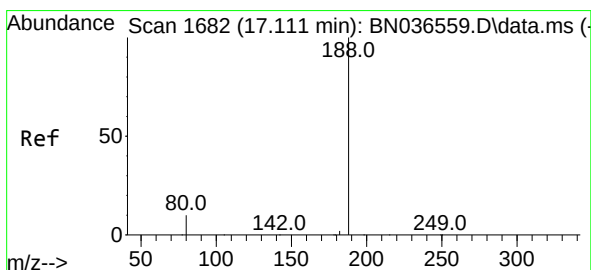
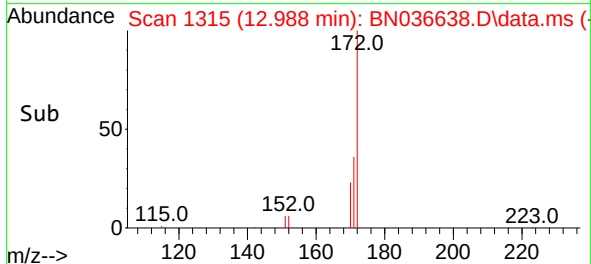
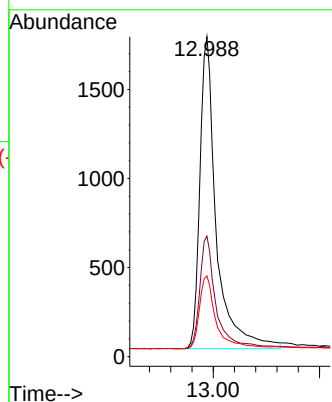
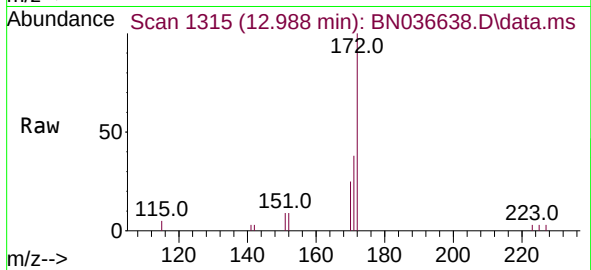




#15
2-Fluorobiphenyl
Concen: 0.276 ng
RT: 12.988 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN036638.D
Acq: 15 Mar 2025 11:35

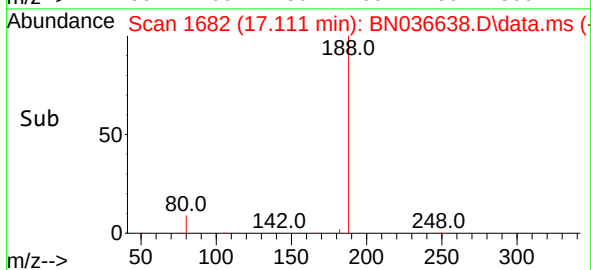
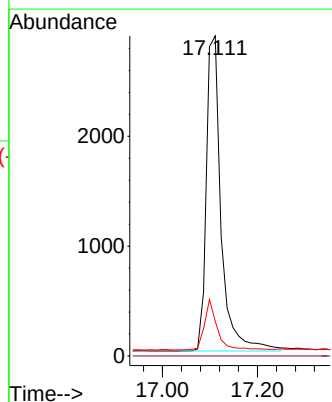
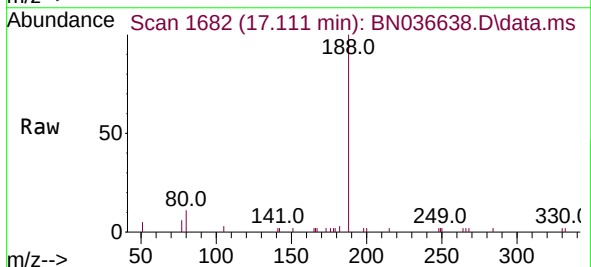
Instrument :
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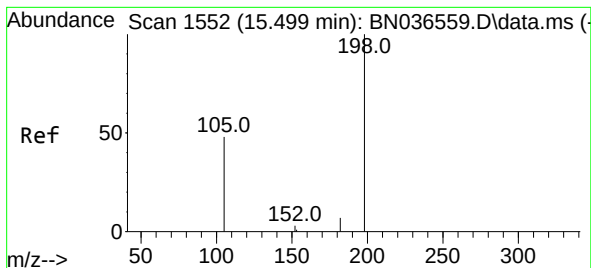
Tgt Ion:172 Resp: 4928
Ion Ratio Lower Upper
172 100
171 37.7 29.5 44.3
170 25.2 20.2 30.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.111 min Scan# 1682
Delta R.T. -0.000 min
Lab File: BN036638.D
Acq: 15 Mar 2025 11:35

Tgt Ion:188 Resp: 6238
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.9 8.8 13.2

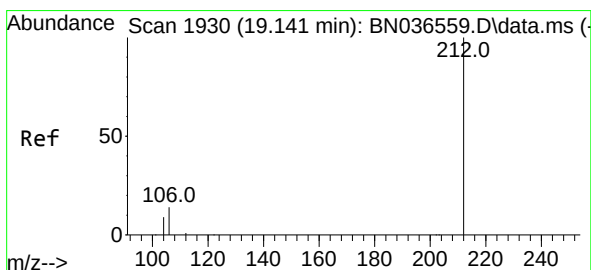
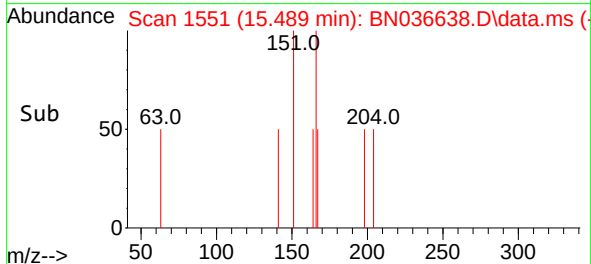
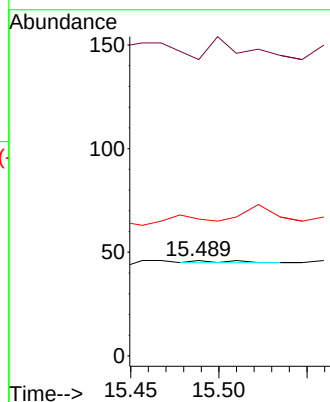
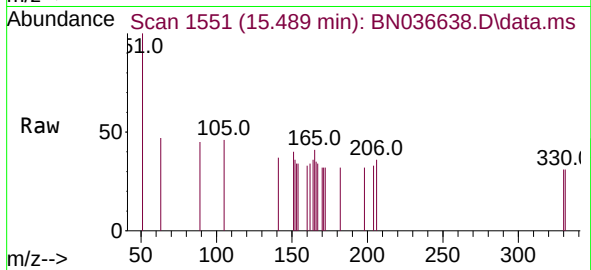




#20
4,6-Dinitro-2-methylphenol
Concen: 0.146 ng
RT: 15.489 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN036638.D
Acq: 15 Mar 2025 11:35

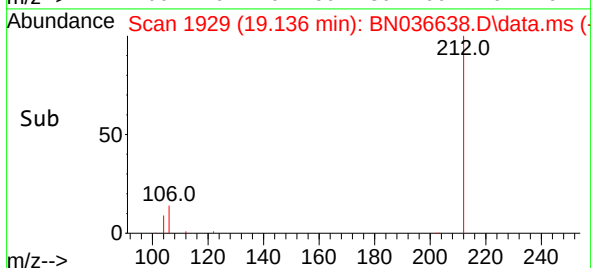
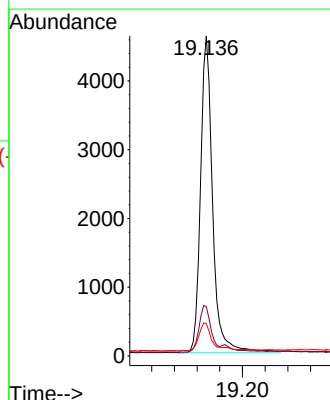
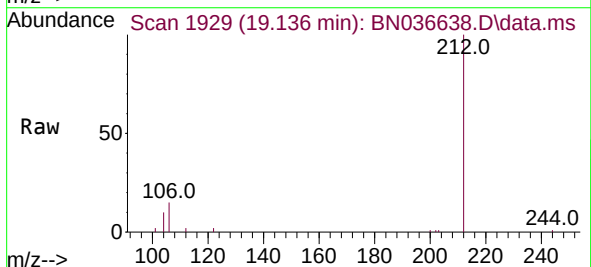
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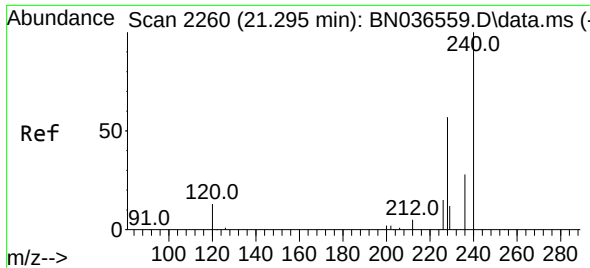
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 310.9 107.9 161.9#
105 143.5 56.2 84.2#



#27
Fluoranthene-d10
Concen: 0.425 ng
RT: 19.136 min Scan# 1929
Delta R.T. -0.005 min
Lab File: BN036638.D
Acq: 15 Mar 2025 11:35

Tgt Ion:212 Resp: 6794
Ion Ratio Lower Upper
212 100
106 14.4 11.8 17.6
104 9.5 7.3 10.9

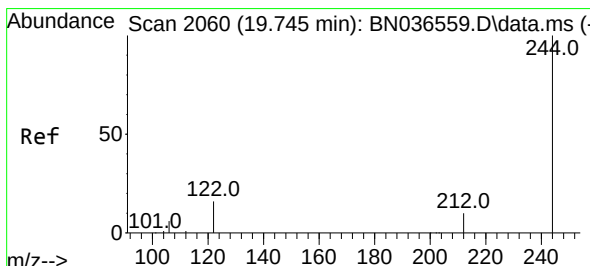
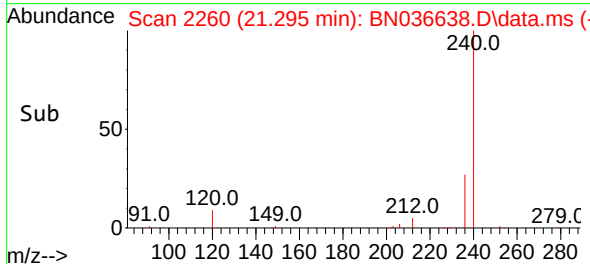
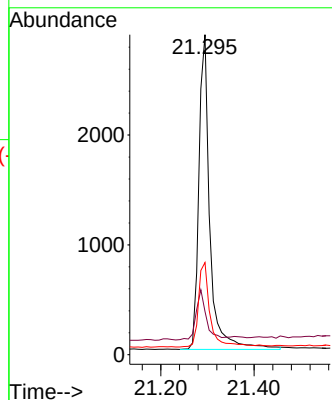
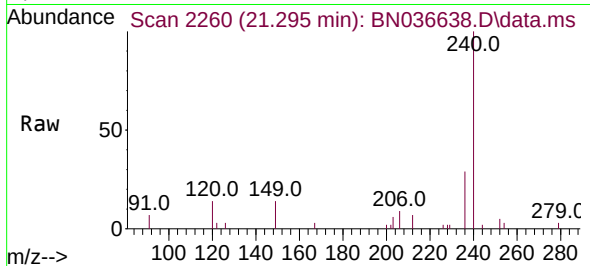




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.295 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN036638.D
Acq: 15 Mar 2025 11:35

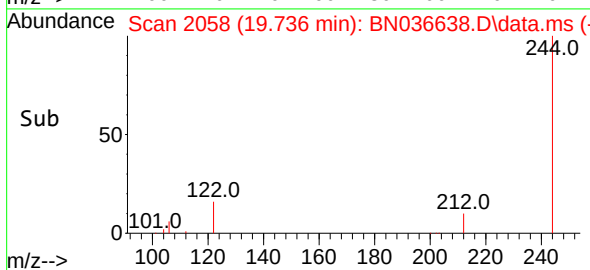
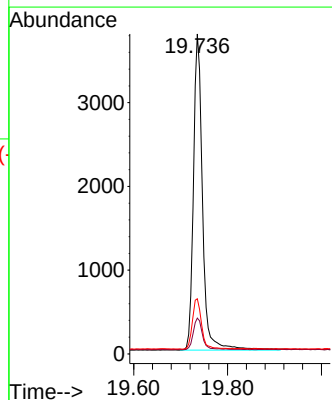
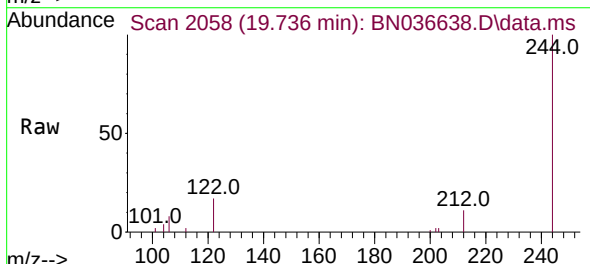
Instrument :
BNA_N
ClientSampleId :
DUP03-20250310

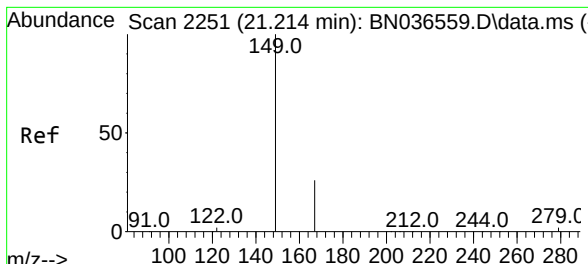
Tgt Ion:240 Resp: 4680
Ion Ratio Lower Upper
240 100
120 13.5 14.6 22.0#
236 28.8 24.1 36.1



#31
Terphenyl-d14
Concen: 0.451 ng
RT: 19.736 min Scan# 2058
Delta R.T. -0.009 min
Lab File: BN036638.D
Acq: 15 Mar 2025 11:35

Tgt Ion:244 Resp: 5055
Ion Ratio Lower Upper
244 100
212 11.2 9.6 14.4
122 17.2 13.9 20.9

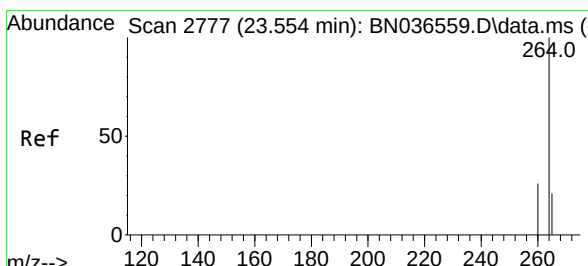
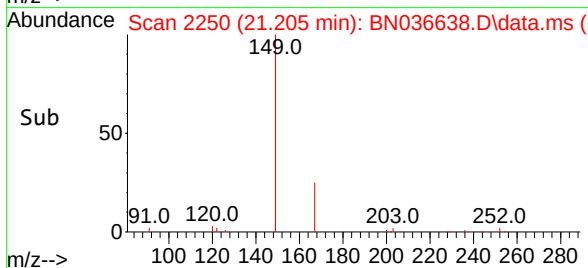
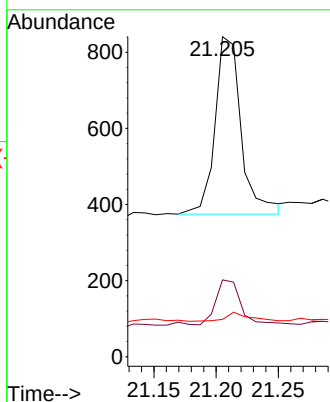
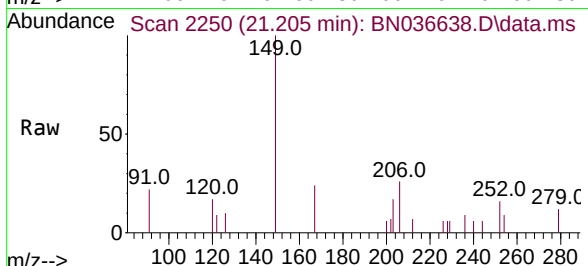




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.059 ng
 RT: 21.205 min Scan# 2120
 Delta R.T. -0.009 min
 Lab File: BN036638.D
 Acq: 15 Mar 2025 11:35

Instrument :
 BNA_N
 ClientSampleId :
 DUP03-20250310

Tgt Ion:	149	Resp:	683
Ion	Ratio	Lower	Upper
149	100		
167	25.6	20.7	31.1
279	4.7	3.6	5.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.545 min Scan# 2774
 Delta R.T. -0.009 min
 Lab File: BN036638.D
 Acq: 15 Mar 2025 11:35

Tgt Ion:	264	Resp:	3834
Ion	Ratio	Lower	Upper
264	100		
260	26.6	22.6	33.8
265	93.1	88.1	132.1

