

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032725\
 Data File : BN036751.D
 Acq On : 27 Mar 2025 23:27
 Operator : RC/JU
 Sample : Q1608-18
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D6-20250318

Quant Time: Mar 28 00:59:19 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)

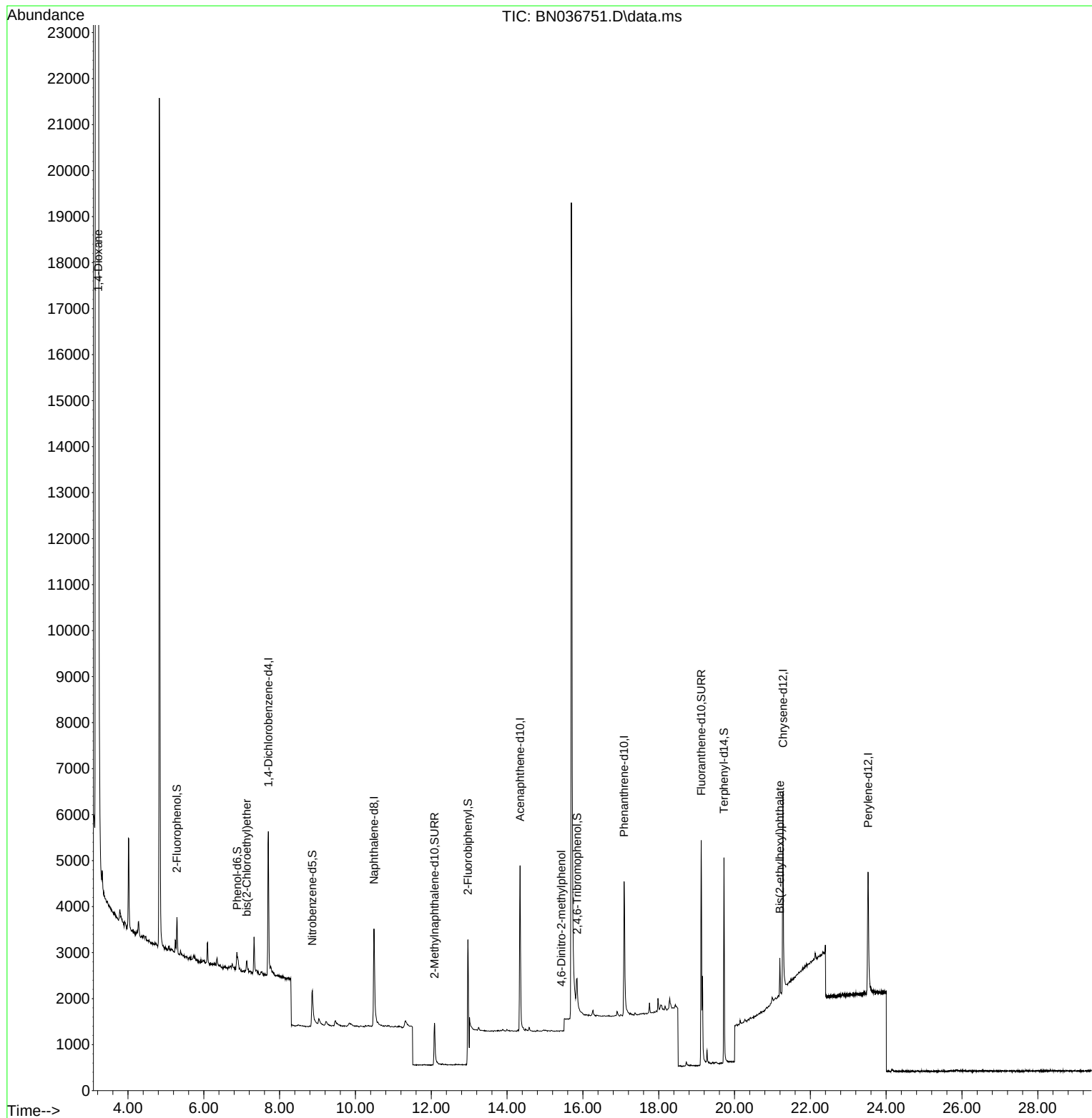
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.703	152	1580	0.400	ng	-0.02
7) Naphthalene-d8	10.487	136	3758	0.400	ng	-0.02
13) Acenaphthene-d10	14.345	164	2377	0.400	ng	-0.02
19) Phenanthrene-d10	17.086	188	5303	0.400	ng	#-0.02
29) Chrysene-d12	21.277	240	4607	0.400	ng	-0.02
35) Perylene-d12	23.522	264	3992	0.400	ng	#-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	597	0.162	ng	-0.02
5) Phenol-d6	6.879	99	400	0.088	ng	-0.02
8) Nitrobenzene-d5	8.865	82	1136	0.278	ng	-0.01
11) 2-Methylnaphthalene-d10	12.086	152	1705	0.305	ng	-0.03
14) 2,4,6-Tribromophenol	15.845	330	468	0.434	ng	-0.01
15) 2-Fluorobiphenyl	12.968	172	4327	0.313	ng	-0.02
27) Fluoranthene-d10	19.122	212	5926	0.436	ng	-0.02
31) Terphenyl-d14	19.722	244	4479	0.406	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.218	88	11515	6.570	ng	97
6) bis(2-Chloroethyl)ether	7.132	93	229	0.049	ng	# 94
20) 4,6-Dinitro-2-methylph...	15.435	198	1	0.146	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.196	149	750	0.066	ng	98

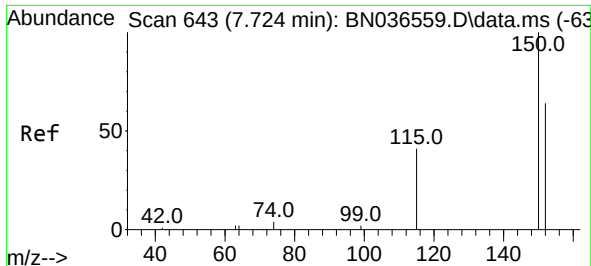
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032725\
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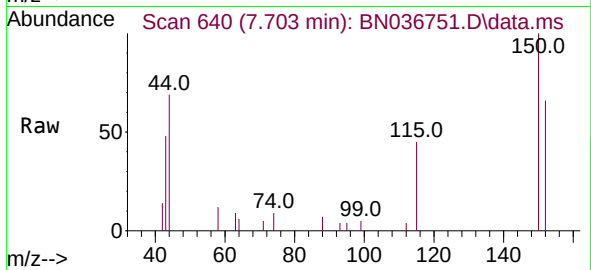
Quant Time: Mar 28 00:59:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
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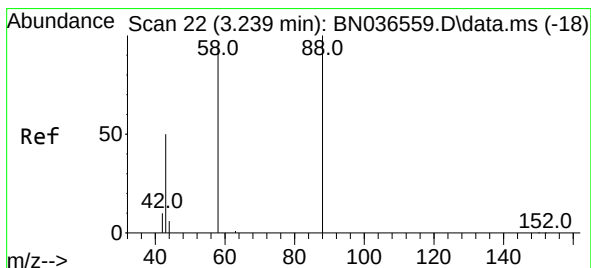
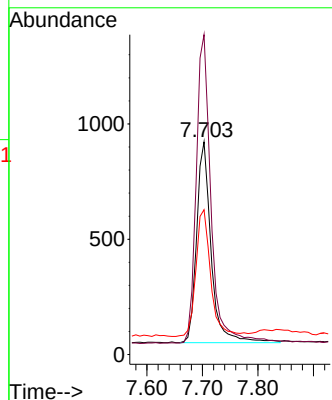
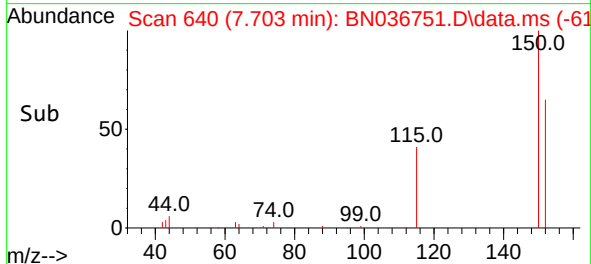


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.703 min Scan# 64
 Delta R.T. -0.021 min
 Lab File: BN036751.D
 Acq: 27 Mar 2025 23:27

Instrument :
 BNA_N
 ClientSampleId :
 RE132D6-20250318

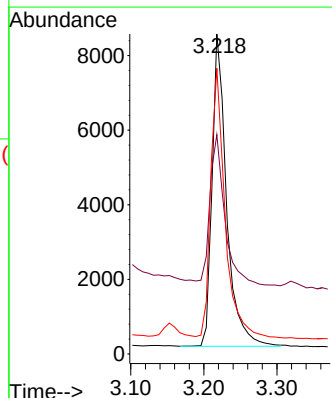
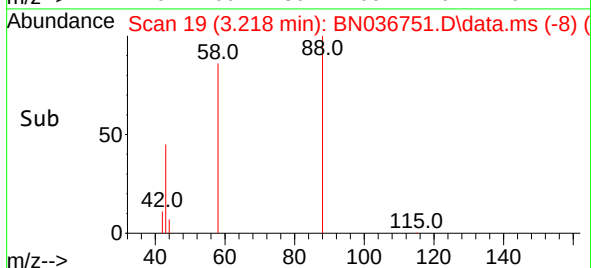
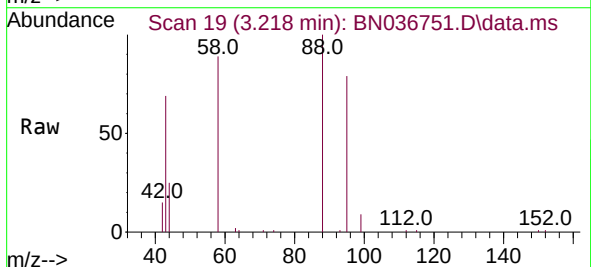


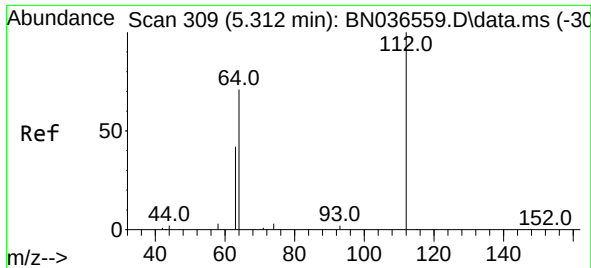
Tgt Ion:152 Resp: 1580
 Ion Ratio Lower Upper
 152 100
 150 150.4 123.7 185.5
 115 68.1 54.3 81.5



#2
 1,4-Dioxane
 Concen: 6.570 ng
 RT: 3.218 min Scan# 19
 Delta R.T. -0.021 min
 Lab File: BN036751.D
 Acq: 27 Mar 2025 23:27

Tgt Ion: 88 Resp: 11515
 Ion Ratio Lower Upper
 88 100
 43 50.7 37.8 56.8
 58 85.7 67.4 101.2





#4

2-Fluorophenol

Concen: 0.162 ng

RT: 5.290 min Scan# 309

Delta R.T. -0.022 min

Lab File: BN036751.D

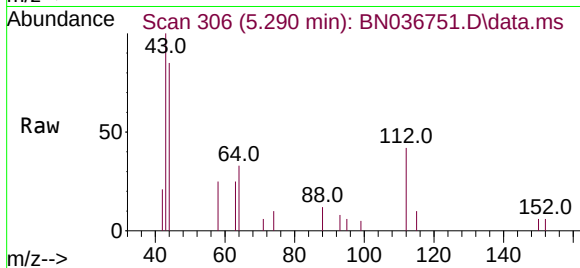
Acq: 27 Mar 2025 23:27

Instrument :

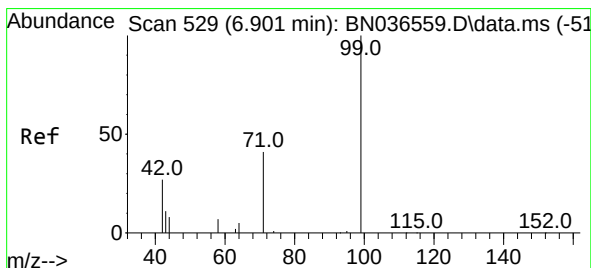
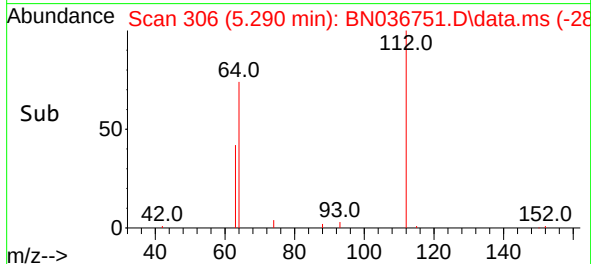
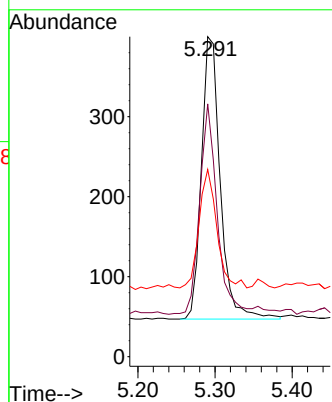
BNA_N

ClientSampleId :

RE132D6-20250318



Tgt Ion:	112	Resp:	597
Ion	Ratio	Lower	Upper
112	100		
64	69.0	53.1	79.7
63	39.4	31.8	47.8



#5

Phenol-d6

Concen: 0.088 ng

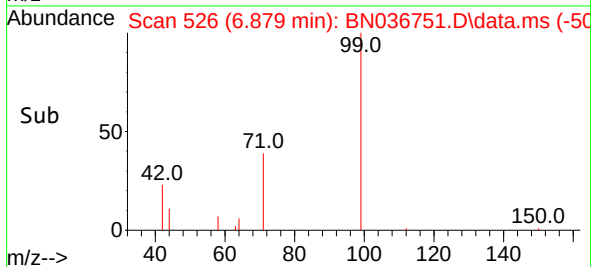
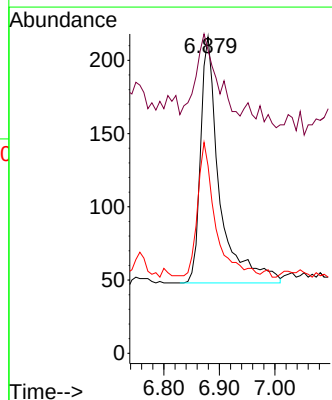
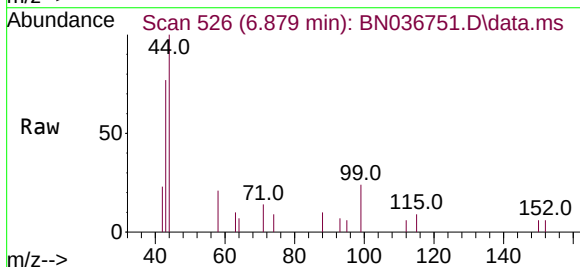
RT: 6.879 min Scan# 526

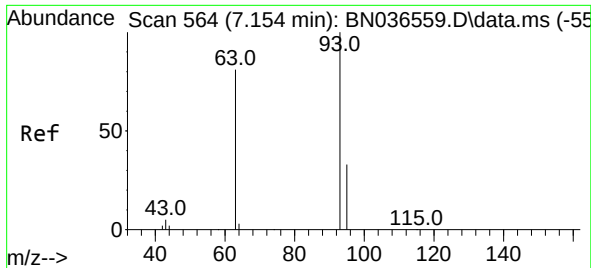
Delta R.T. -0.022 min

Lab File: BN036751.D

Acq: 27 Mar 2025 23:27

Tgt Ion:	99	Resp:	400
Ion	Ratio	Lower	Upper
99	100		
42	34.8	26.5	39.7
71	49.5	34.1	51.1

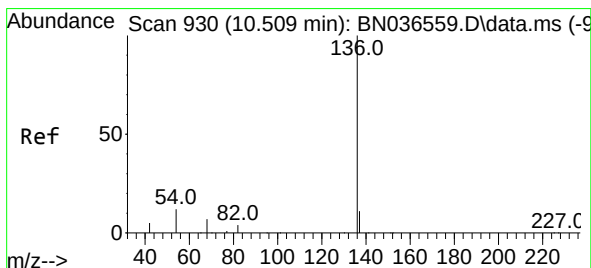
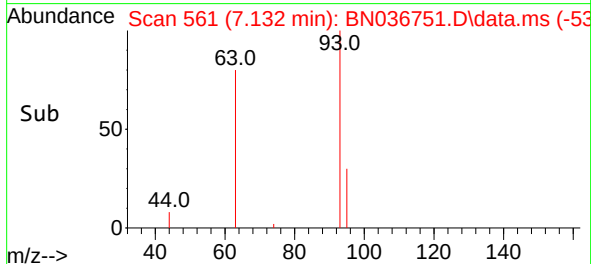
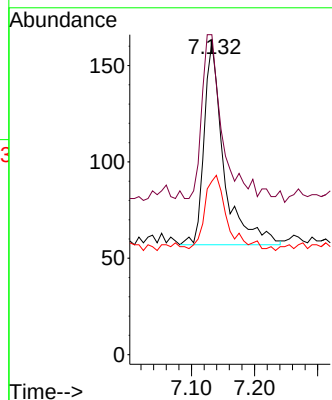
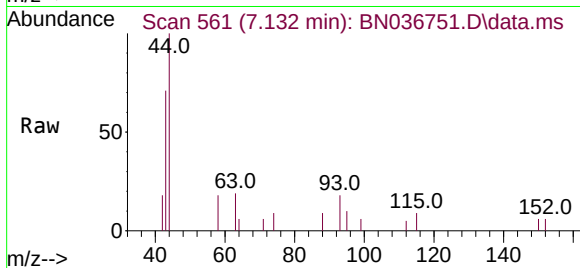




#6
bis(2-Chloroethyl)ether
Concen: 0.049 ng
RT: 7.132 min Scan# 501
Delta R.T. -0.022 min
Lab File: BN036751.D
Acq: 27 Mar 2025 23:27

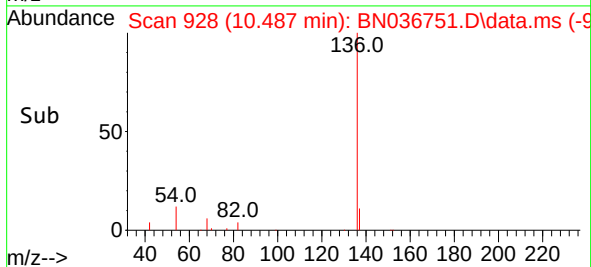
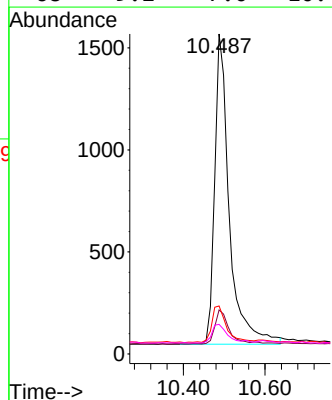
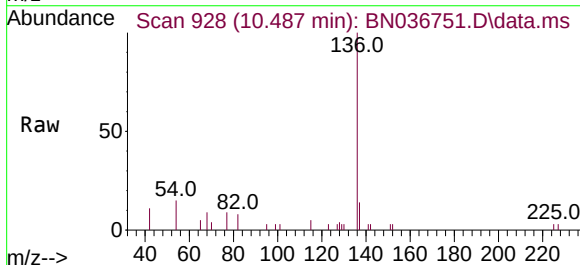
Instrument :
BNA_N
ClientSampleId :
RE132D6-20250318

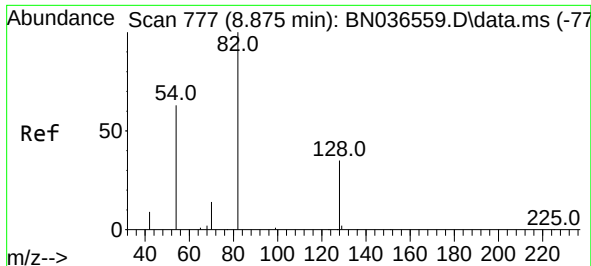
Tgt Ion: 93 Resp: 229
Ion Ratio Lower Upper
93 100
63 83.0 67.7 101.5
95 40.6 25.6 38.4#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.487 min Scan# 928
Delta R.T. -0.021 min
Lab File: BN036751.D
Acq: 27 Mar 2025 23:27

Tgt Ion:136 Resp: 3758
Ion Ratio Lower Upper
136 100
137 13.8 10.3 15.5
54 15.0 11.5 17.3
68 9.2 7.0 10.4

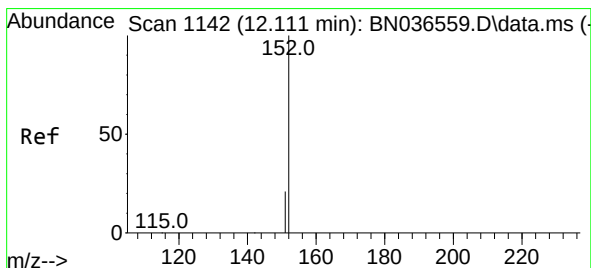
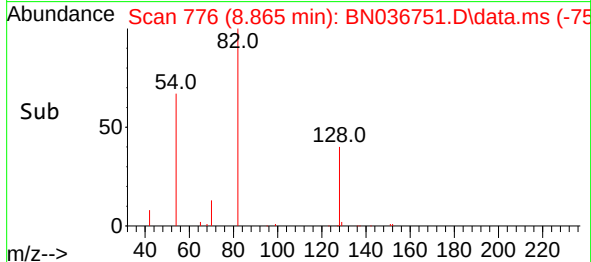
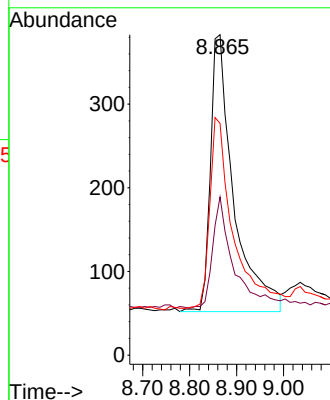
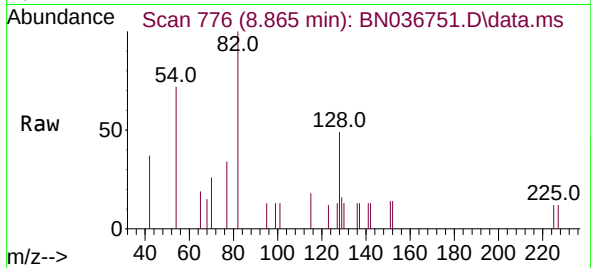




#8
 Nitrobenzene-d5
 Concen: 0.278 ng
 RT: 8.865 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BN036751.D
 Acq: 27 Mar 2025 23:27

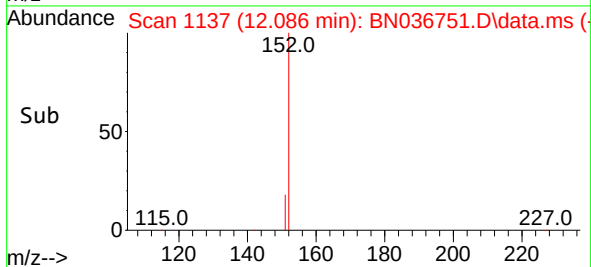
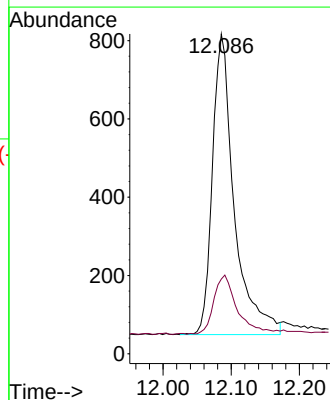
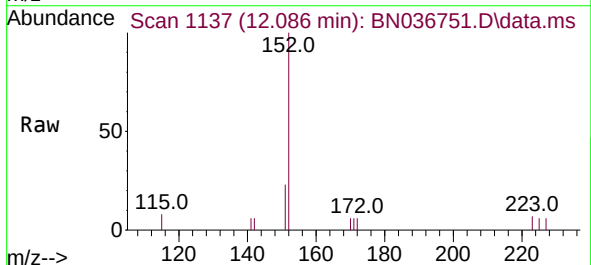
Instrument :
 BNA_N
 ClientSampleId :
 RE132D6-20250318

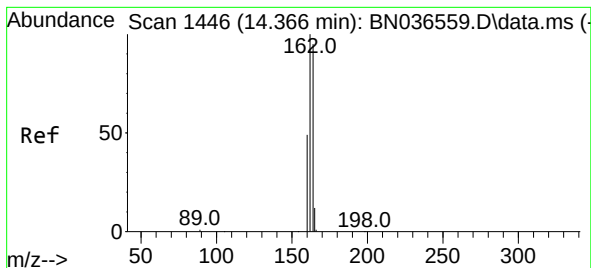
Tgt Ion: 82 Resp: 1136
 Ion Ratio Lower Upper
 82 100
 128 49.3 30.6 45.8#
 54 72.3 52.2 78.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.305 ng
 RT: 12.086 min Scan# 1137
 Delta R.T. -0.025 min
 Lab File: BN036751.D
 Acq: 27 Mar 2025 23:27

Tgt Ion: 152 Resp: 1705
 Ion Ratio Lower Upper
 152 100
 151 21.0 17.0 25.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.345 min Scan# 1444

Delta R.T. -0.021 min

Lab File: BN036751.D

Acq: 27 Mar 2025 23:27

Instrument :

BNA_N

ClientSampleId :

RE132D6-20250318

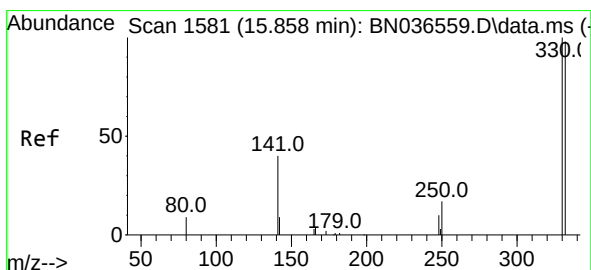
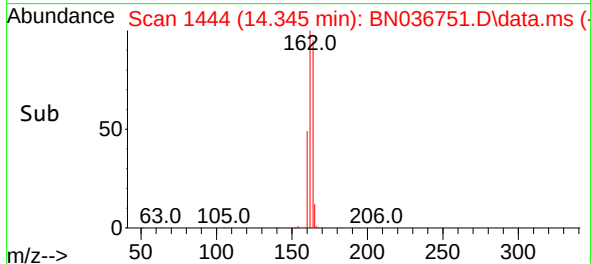
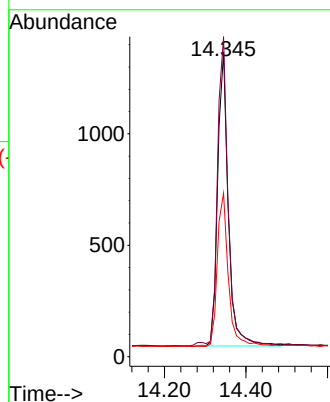
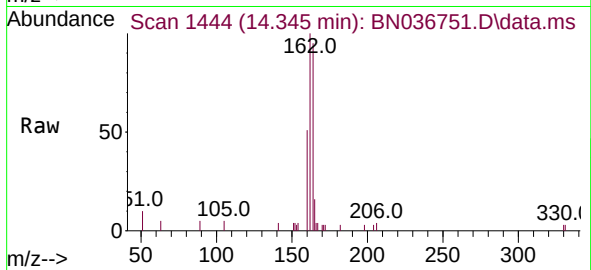
Tgt Ion:164 Resp: 2377

Ion Ratio Lower Upper

164 100

162 105.0 84.2 126.2

160 53.7 42.2 63.2



#14

2,4,6-Tribromophenol

Concen: 0.434 ng

RT: 15.845 min Scan# 1580

Delta R.T. -0.012 min

Lab File: BN036751.D

Acq: 27 Mar 2025 23:27

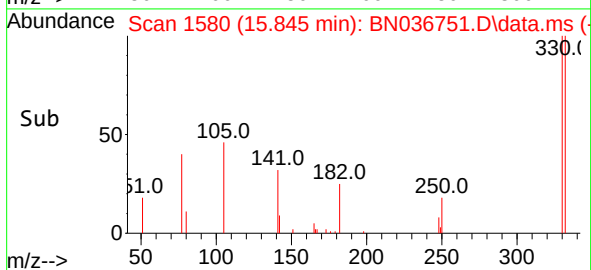
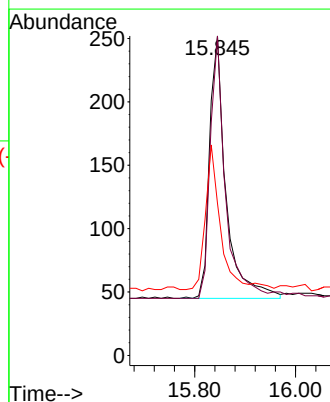
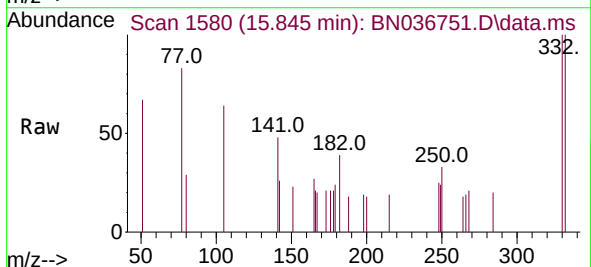
Tgt Ion:330 Resp: 468

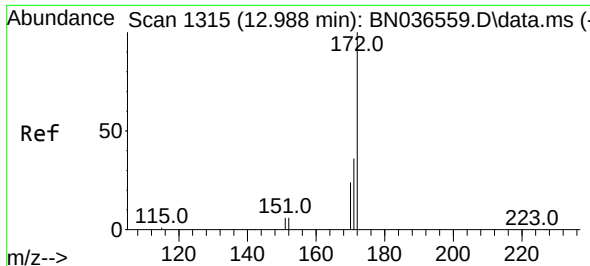
Ion Ratio Lower Upper

330 100

332 94.2 75.2 112.8

141 50.9 43.4 65.2

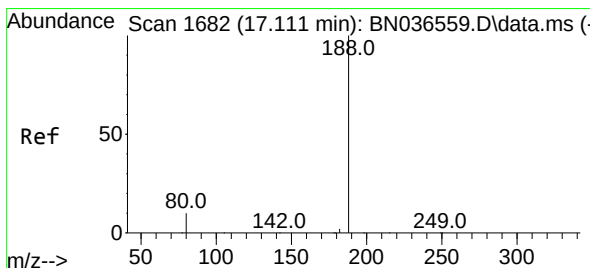
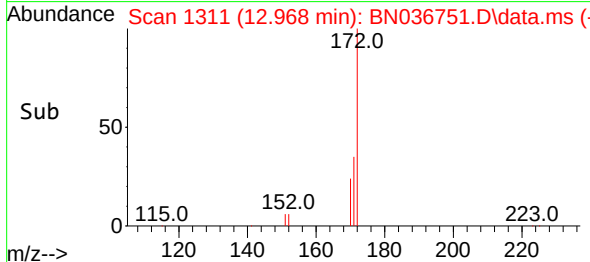
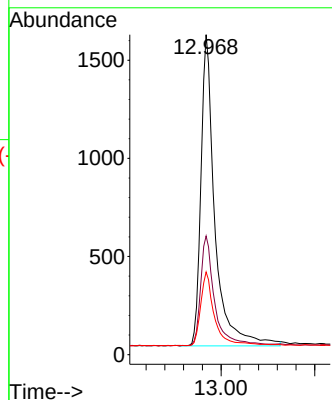
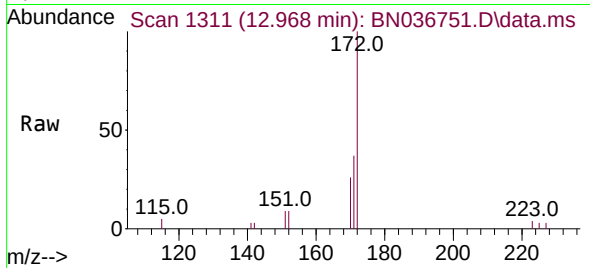




#15
2-Fluorobiphenyl
Concen: 0.313 ng
RT: 12.968 min Scan# 11
Delta R.T. -0.020 min
Lab File: BN036751.D
Acq: 27 Mar 2025 23:27

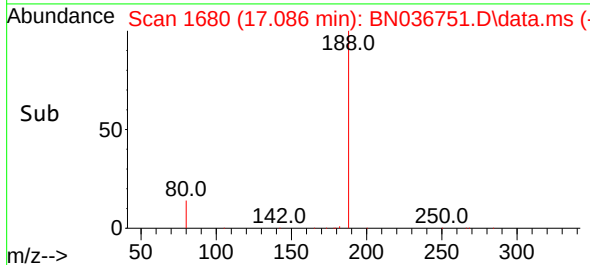
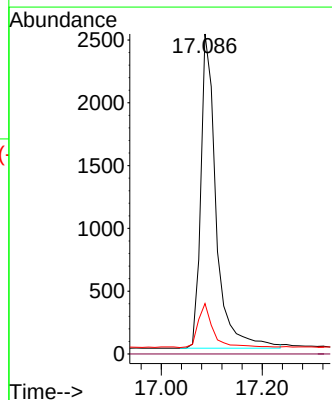
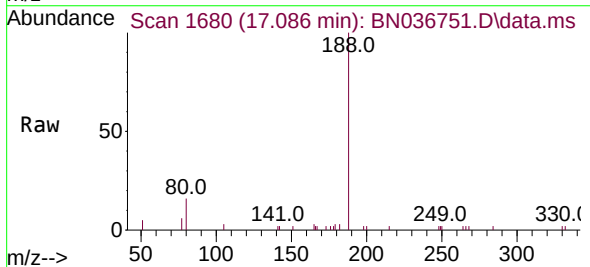
Instrument :
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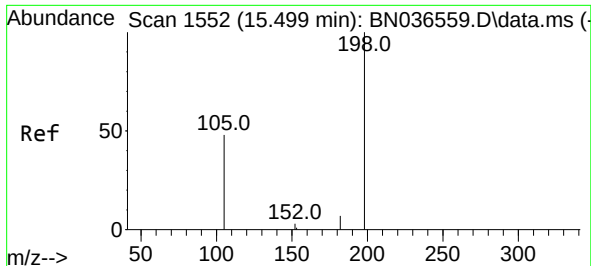
Tgt Ion:172	Resp:	4327
Ion	Ratio	Lower Upper
172	100	
171	37.1	29.5 44.3
170	25.8	20.2 30.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1680
Delta R.T. -0.025 min
Lab File: BN036751.D
Acq: 27 Mar 2025 23:27

Tgt Ion:188	Resp:	5303
Ion	Ratio	Lower Upper
188	100	
94	0.0	0.0 0.0
80	15.8	8.8 13.2

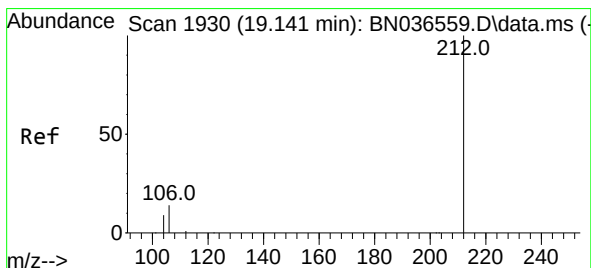
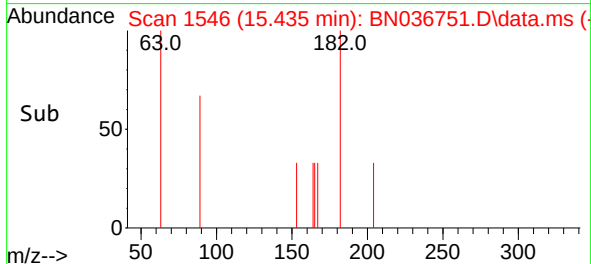
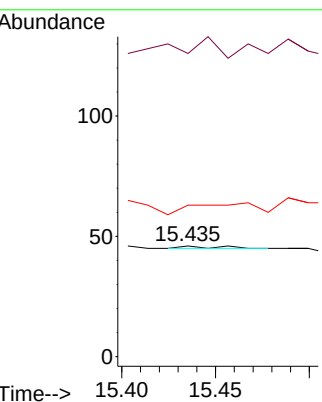
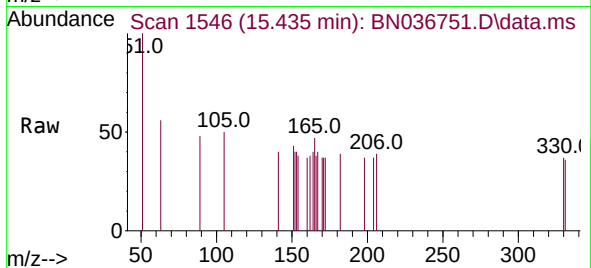




#20
4,6-Dinitro-2-methylphenol
Concen: 0.146 ng
RT: 15.435 min Scan# 1
Delta R.T. -0.064 min
Lab File: BN036751.D
Acq: 27 Mar 2025 23:27

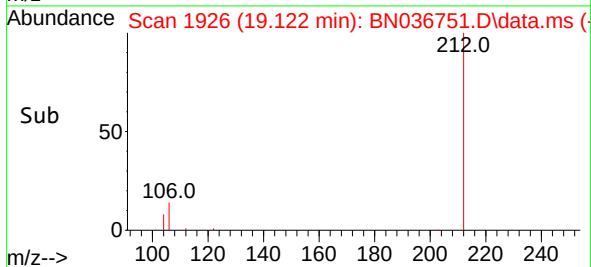
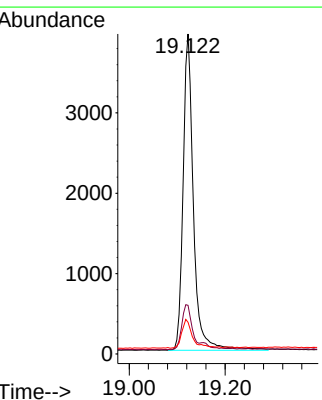
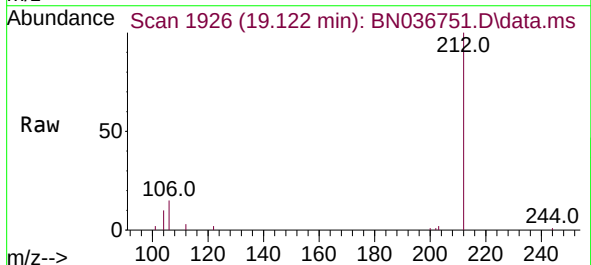
Instrument :
BNA_N
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RE132D6-20250318

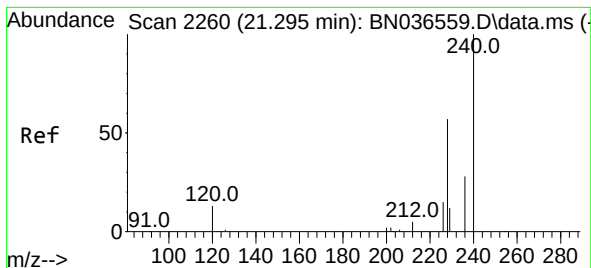
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 273.9 107.9 161.9#
105 137.0 56.2 84.2#



#27
Fluoranthene-d10
Concen: 0.436 ng
RT: 19.122 min Scan# 1926
Delta R.T. -0.018 min
Lab File: BN036751.D
Acq: 27 Mar 2025 23:27

Tgt Ion:212 Resp: 5926
Ion Ratio Lower Upper
212 100
106 14.0 11.8 17.6
104 9.7 7.3 10.9





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.277 min Scan# 21

Delta R.T. -0.018 min

Lab File: BN036751.D

Acq: 27 Mar 2025 23:27

Instrument :

BNA_N

ClientSampleId :

RE132D6-20250318

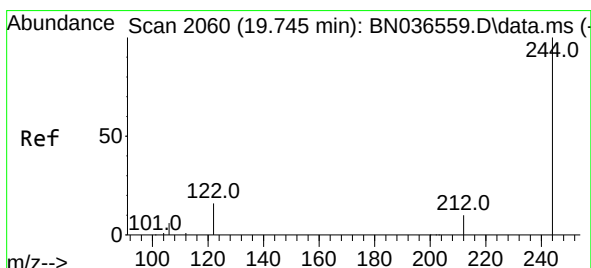
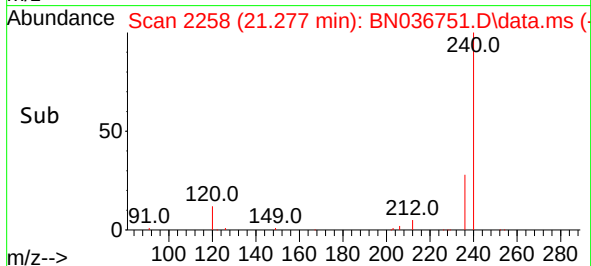
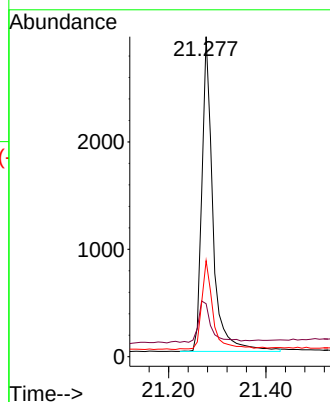
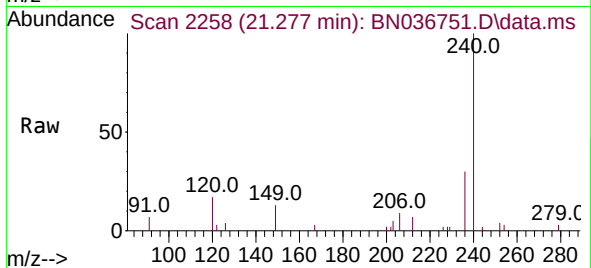
Tgt Ion:240 Resp: 4607

Ion Ratio Lower Upper

240 100

120 16.5 14.6 22.0

236 30.0 24.1 36.1



#31

Terphenyl-d14

Concen: 0.406 ng

RT: 19.722 min Scan# 2055

Delta R.T. -0.023 min

Lab File: BN036751.D

Acq: 27 Mar 2025 23:27

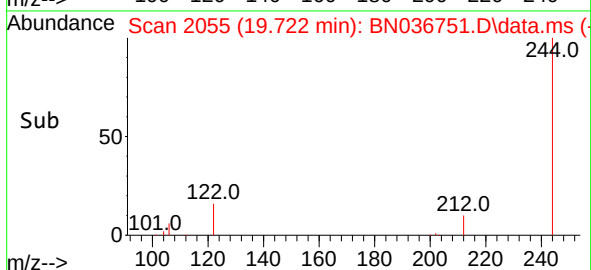
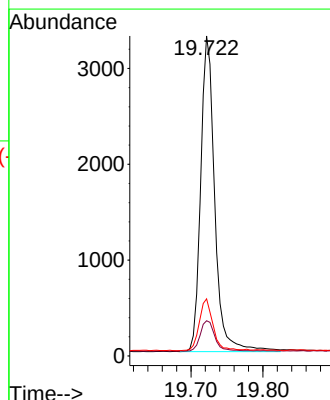
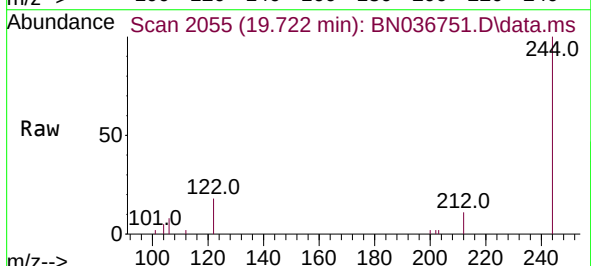
Tgt Ion:244 Resp: 4479

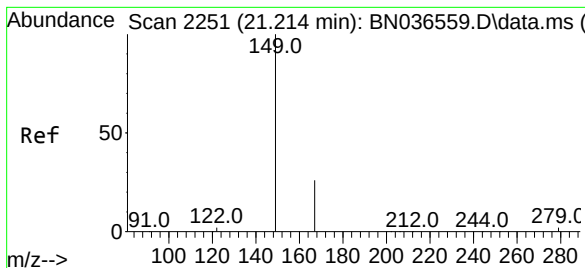
Ion Ratio Lower Upper

244 100

212 11.0 9.6 14.4

122 17.8 13.9 20.9

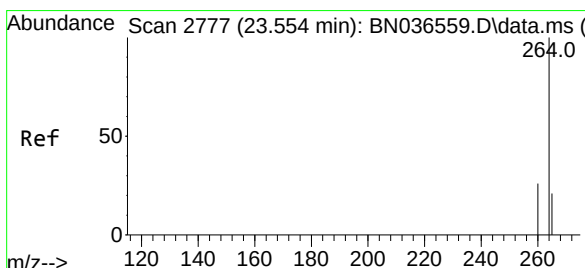
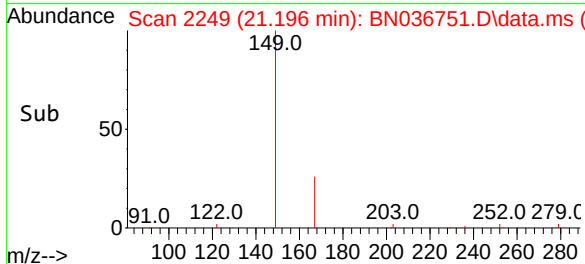
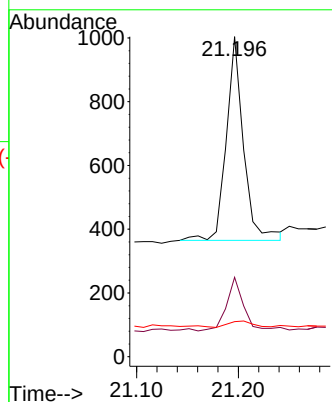
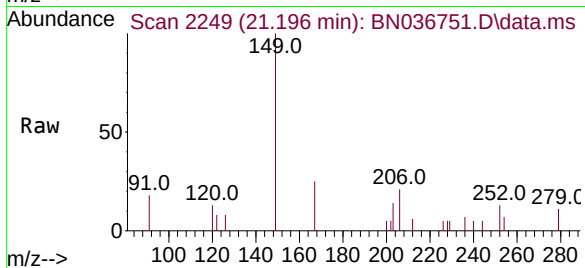




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.066 ng
RT: 21.196 min Scan# 2119
Delta R.T. -0.018 min
Lab File: BN036751.D
Acq: 27 Mar 2025 23:27

Instrument :
BNA_N
ClientSampleId :
RE132D6-20250318

Tgt Ion:149 Resp: 750
Ion Ratio Lower Upper
149 100
167 26.9 20.7 31.1
279 4.4 3.6 5.4



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.522 min Scan# 2766
Delta R.T. -0.032 min
Lab File: BN036751.D
Acq: 27 Mar 2025 23:27

Tgt Ion:264 Resp: 3992
Ion Ratio Lower Upper
264 100
260 26.9 22.6 33.8
265 83.7 88.1 132.1#

