

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031225\
 Data File : BN036596.D
 Acq On : 12 Mar 2025 12:16
 Operator : RC/JU
 Sample : Q1531-15DL 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 12 12:50:24 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)

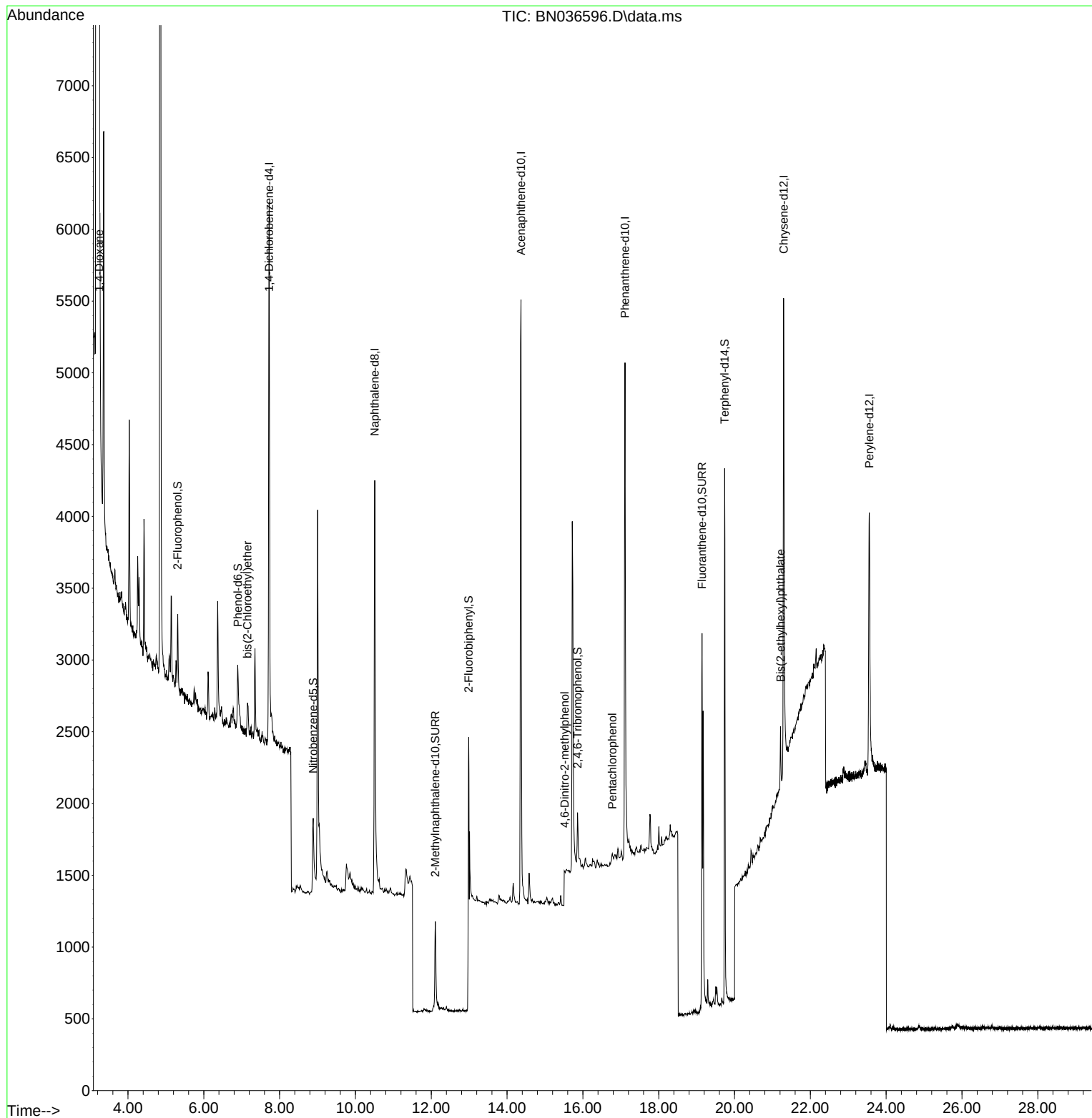
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	1963	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	4593	0.400	ng	0.00
13) Acenaphthene-d10	14.366	164	2774	0.400	ng	0.00
19) Phenanthrene-d10	17.111	188	5527	0.400	ng	0.00
29) Chrysene-d12	21.295	240	3876	0.400	ng	0.00
35) Perylene-d12	23.554	264	3091	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	369	0.081	ng	0.00
5) Phenol-d6	6.901	99	509	0.090	ng	0.00
8) Nitrobenzene-d5	8.886	82	697	0.139	ng	0.01
11) 2-Methylnaphthalene-d10	12.106	152	1251	0.183	ng	0.00
14) 2,4,6-Tribromophenol	15.858	330	258	0.205	ng	0.00
15) 2-Fluorobiphenyl	12.988	172	2982	0.185	ng	0.00
27) Fluoranthene-d10	19.141	212	3405	0.240	ng	0.00
31) Terphenyl-d14	19.740	244	3815	0.411	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.239	88	6563	3.014	ng	96
6) bis(2-Chloroethyl)ether	7.154	93	150	0.026	ng	# 90
20) 4,6-Dinitro-2-methylph...	15.522	198	12	0.154	ng	# 1
24) Pentachlorophenol	16.776	266	39	0.020	ng	# 46
34) Bis(2-ethylhexyl)phtha...	21.214	149	474	0.049	ng	# 96

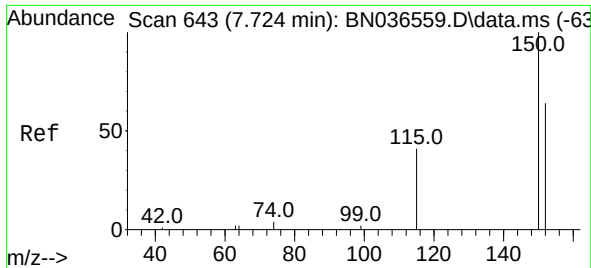
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031225\
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BNA_N
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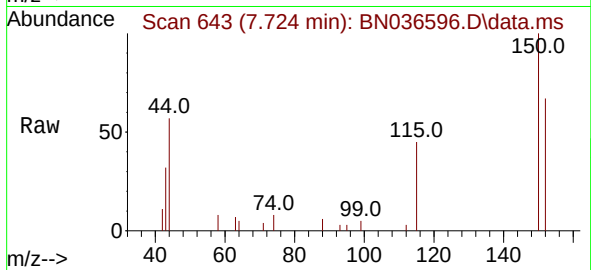
Quant Time: Mar 12 12:50:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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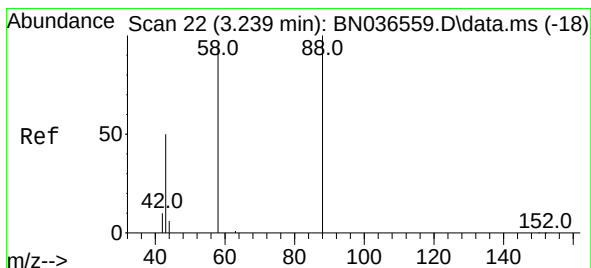
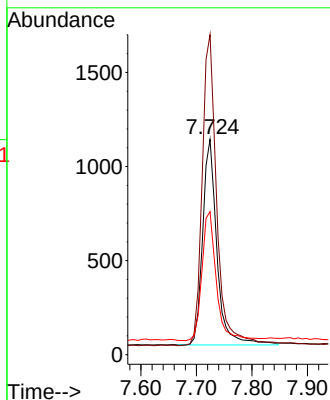
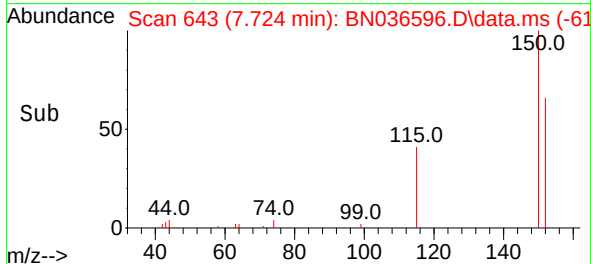
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN036596.D
 Acq: 12 Mar 2025 12:16

Instrument :
 BNA_N
 ClientSampleId :

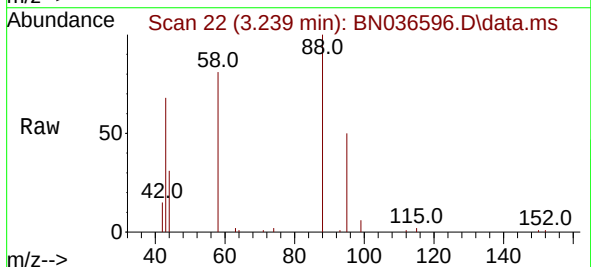


Tgt Ion:152 Resp: 1963

Ion	Ratio	Lower	Upper
152	100		
150	148.6	123.7	185.5
115	66.4	54.3	81.5

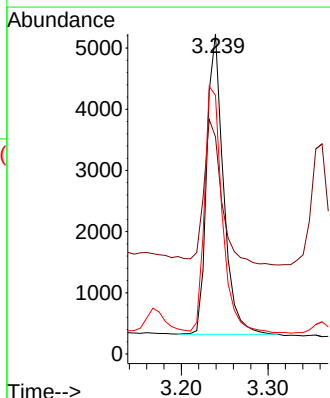
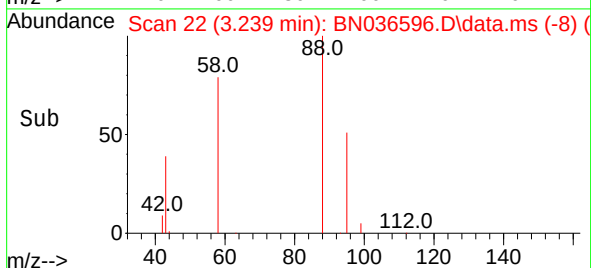


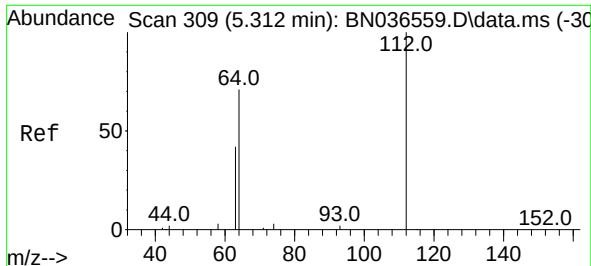
#2
 1,4-Dioxane
 Concen: 3.014 ng
 RT: 3.239 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: BN036596.D
 Acq: 12 Mar 2025 12:16



Tgt Ion: 88 Resp: 6563

Ion	Ratio	Lower	Upper
88	100		
43	51.2	37.8	56.8
58	87.1	67.4	101.2





#4

2-Fluorophenol

Concen: 0.081 ng

RT: 5.312 min Scan# 309

Delta R.T. 0.000 min

Lab File: BN036596.D

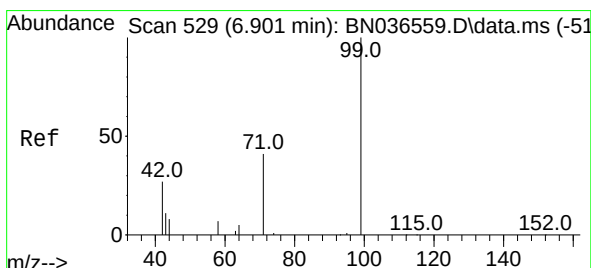
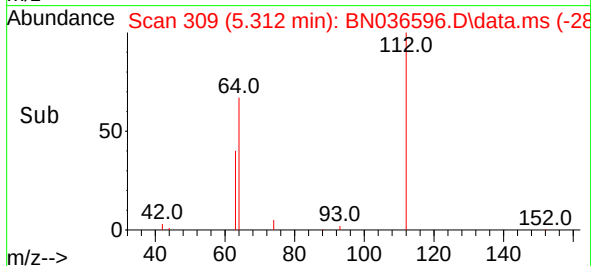
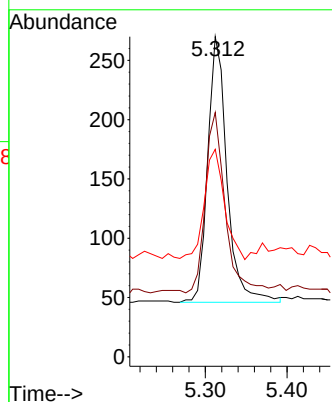
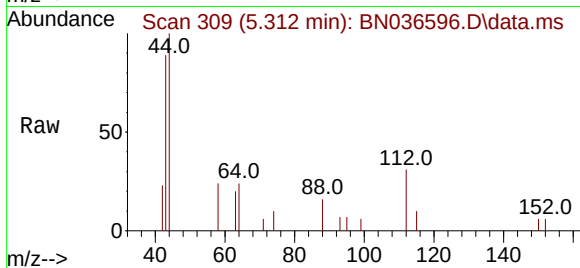
Acq: 12 Mar 2025 12:16

Instrument :

BNA_N

ClientSampleId :

Tgt Ion:	112	Resp:	369
Ion Ratio	Lower	Upper	
112	100		
64	69.6	53.1	79.7
63	43.6	31.8	47.8



#5

Phenol-d6

Concen: 0.090 ng

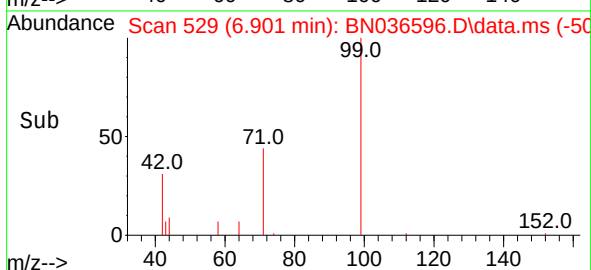
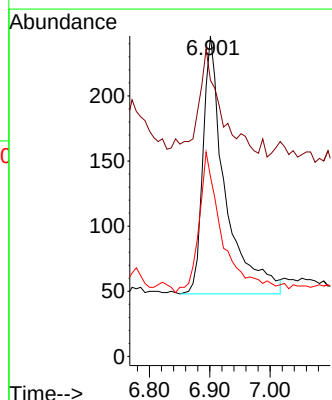
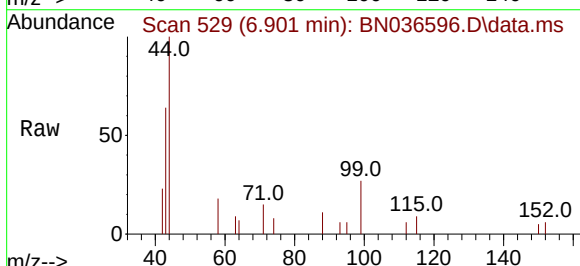
RT: 6.901 min Scan# 529

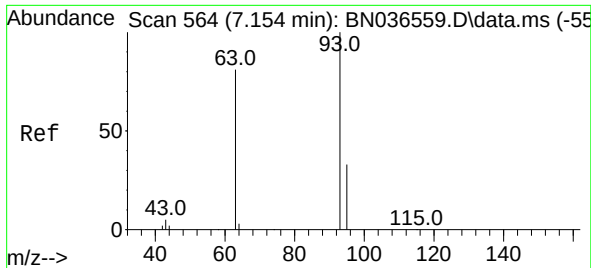
Delta R.T. 0.000 min

Lab File: BN036596.D

Acq: 12 Mar 2025 12:16

Tgt Ion:	99	Resp:	509
Ion Ratio	Lower	Upper	
99	100		
42	42.2	26.5	39.7#
71	58.3	34.1	51.1#

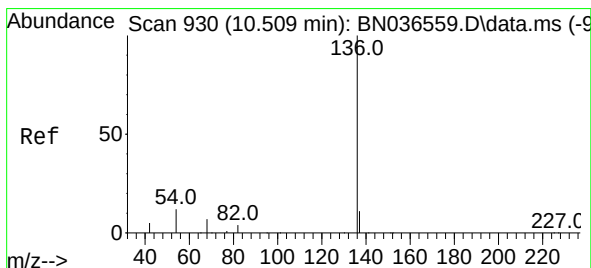
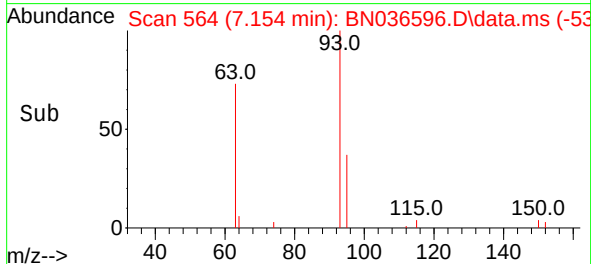
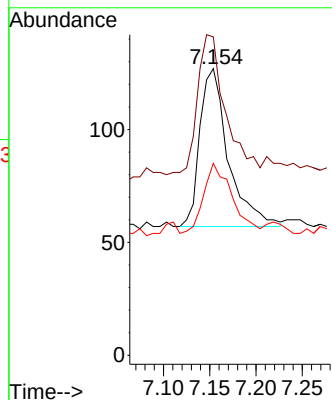
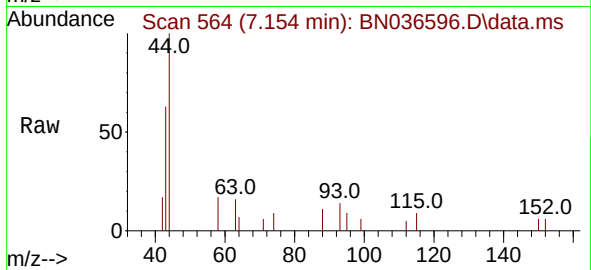




#6
bis(2-Chloroethyl)ether
Concen: 0.026 ng
RT: 7.154 min Scan# 564
Delta R.T. 0.000 min
Lab File: BN036596.D
Acq: 12 Mar 2025 12:16

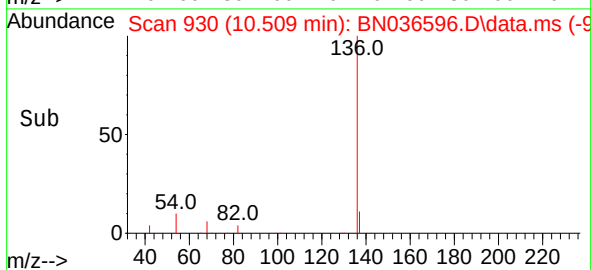
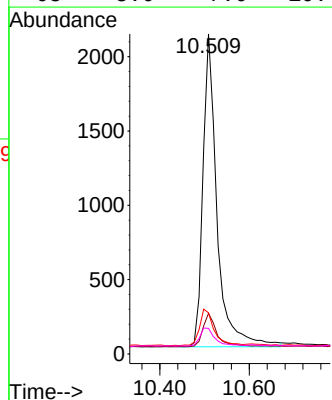
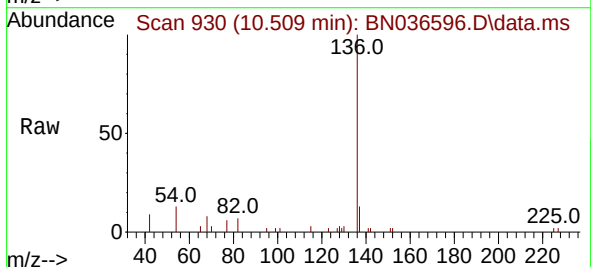
Instrument :
BNA_N
ClientSampleId :

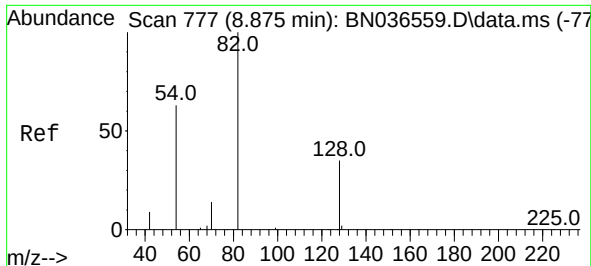
Tgt Ion: 93 Resp: 150
Ion Ratio Lower Upper
93 100
63 86.7 67.7 101.5
95 49.3 25.6 38.4#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 930
Delta R.T. 0.000 min
Lab File: BN036596.D
Acq: 12 Mar 2025 12:16

Tgt Ion:136 Resp: 4593
Ion Ratio Lower Upper
136 100
137 12.7 10.3 15.5
54 12.8 11.5 17.3
68 8.0 7.0 10.4

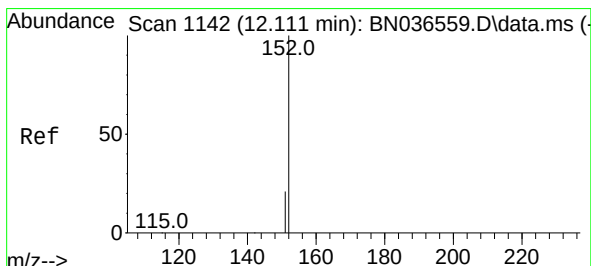
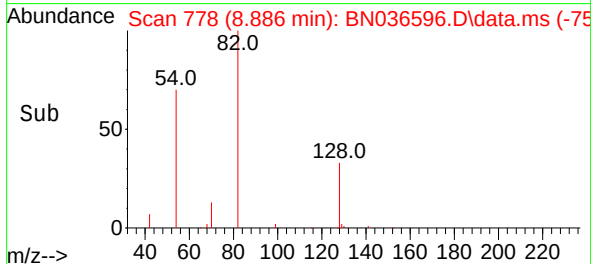
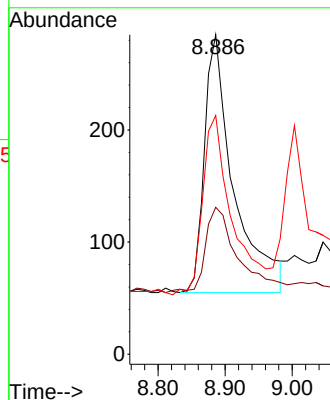
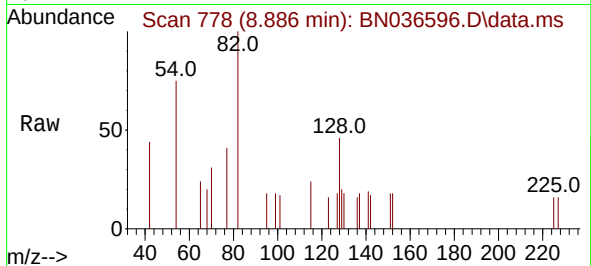




#8
Nitrobenzene-d5
Concen: 0.139 ng
RT: 8.886 min Scan# 71
Delta R.T. 0.011 min
Lab File: BN036596.D
Acq: 12 Mar 2025 12:16

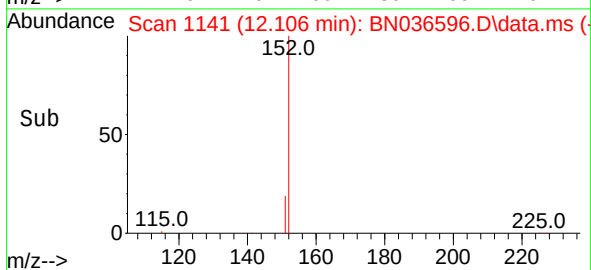
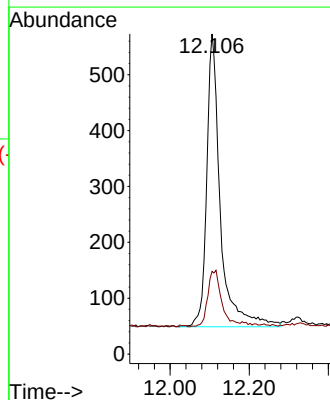
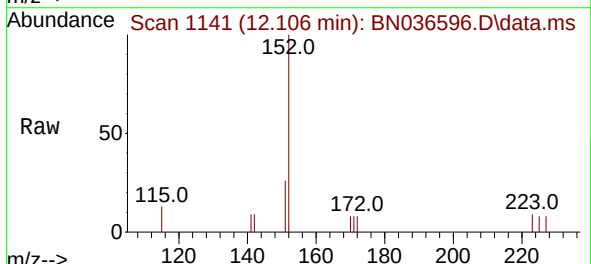
Instrument :
BNA_N
ClientSampleId :

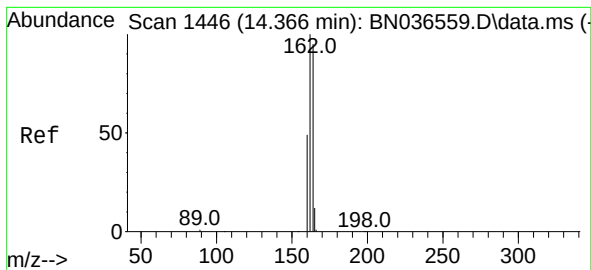
Tgt Ion: 82 Resp: 697
Ion Ratio Lower Upper
82 100
128 46.0 30.6 45.8#
54 74.7 52.2 78.4



#11
2-Methylnaphthalene-d10
Concen: 0.183 ng
RT: 12.106 min Scan# 1141
Delta R.T. -0.005 min
Lab File: BN036596.D
Acq: 12 Mar 2025 12:16

Tgt Ion:152 Resp: 1251
Ion Ratio Lower Upper
152 100
151 19.7 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: BN036596.D

Acq: 12 Mar 2025 12:16

Instrument :

BNA_N

ClientSampleId :

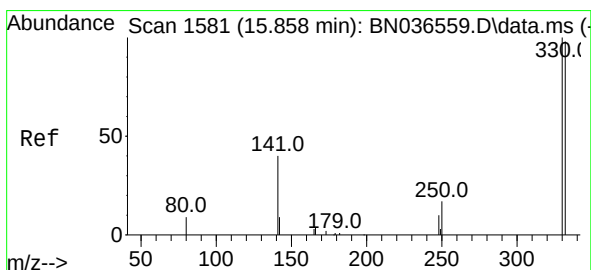
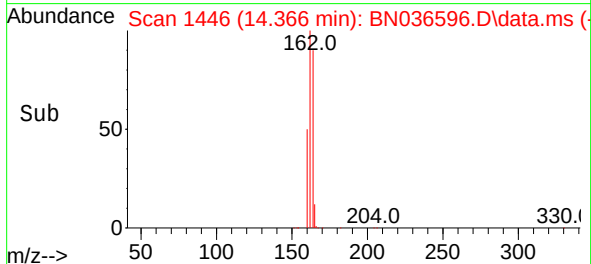
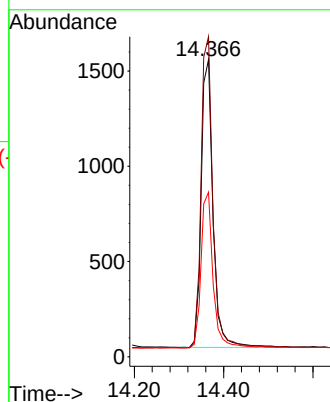
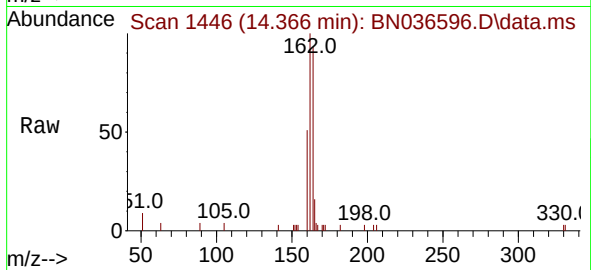
Tgt Ion:164 Resp: 2774

Ion Ratio Lower Upper

164 100

162 107.7 84.2 126.2

160 55.3 42.2 63.2



#14

2,4,6-Tribromophenol

Concen: 0.205 ng

RT: 15.858 min Scan# 1581

Delta R.T. 0.000 min

Lab File: BN036596.D

Acq: 12 Mar 2025 12:16

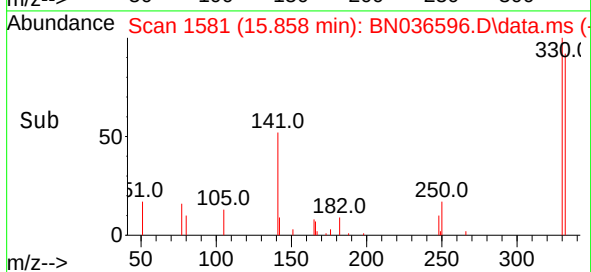
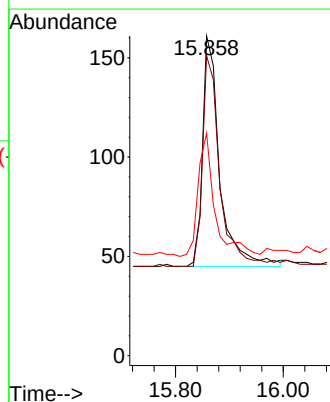
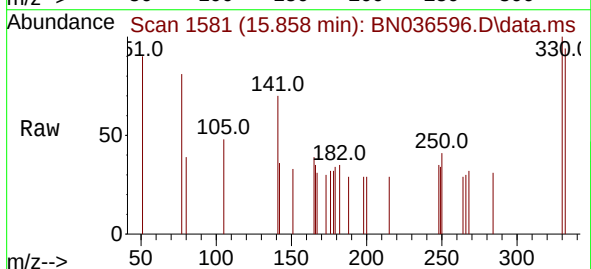
Tgt Ion:330 Resp: 258

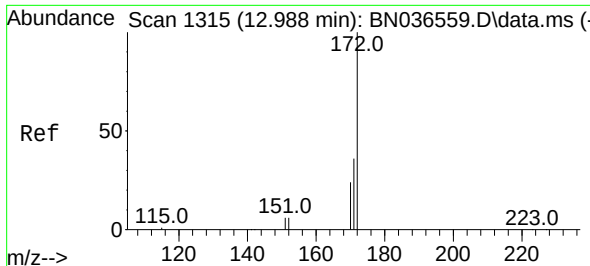
Ion Ratio Lower Upper

330 100

332 89.9 75.2 112.8

141 52.3 43.4 65.2





#15

2-Fluorobiphenyl

Concen: 0.185 ng

RT: 12.988 min Scan# 1315

Delta R.T. 0.000 min

Lab File: BN036596.D

Acq: 12 Mar 2025 12:16

Instrument :

BNA_N

ClientSampleId :

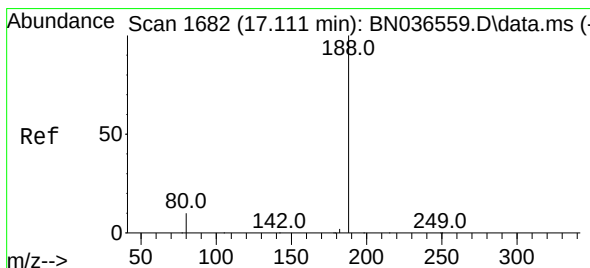
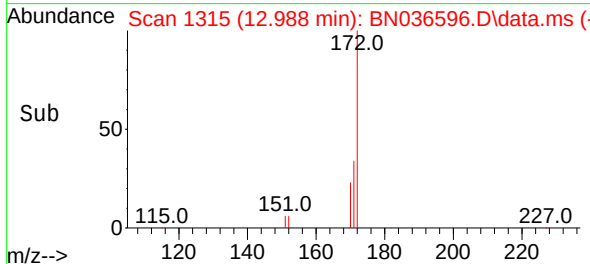
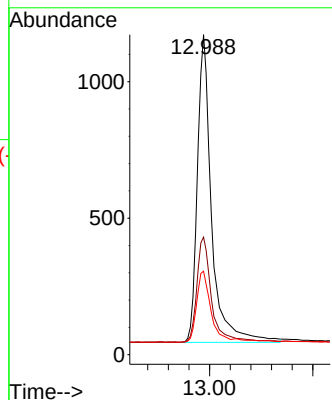
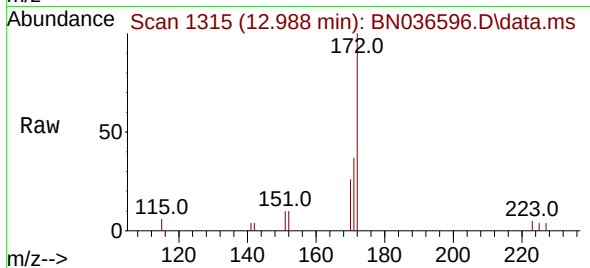
Tgt Ion:172 Resp: 2982

Ion Ratio Lower Upper

172 100

171 36.8 29.5 44.3

170 26.1 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: BN036596.D

Acq: 12 Mar 2025 12:16

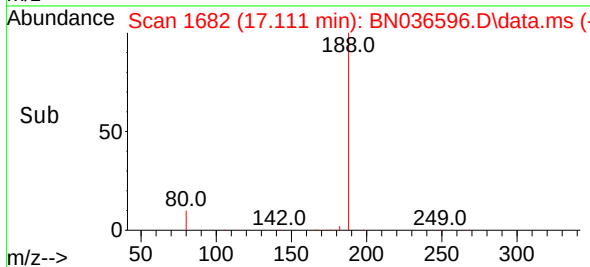
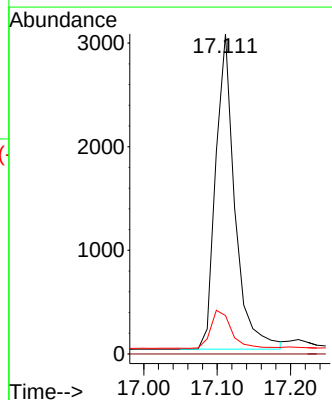
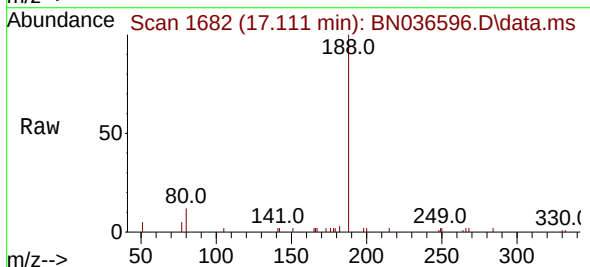
Tgt Ion:188 Resp: 5527

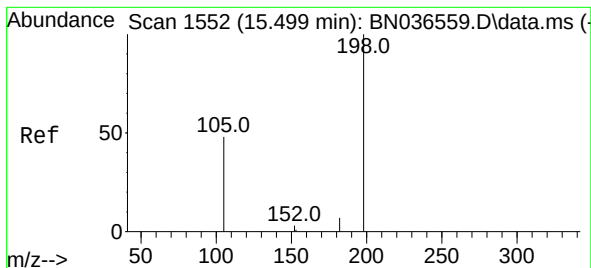
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.0 8.8 13.2

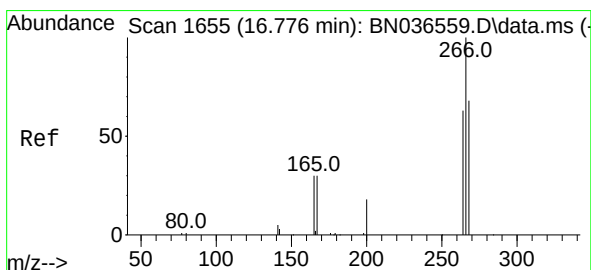
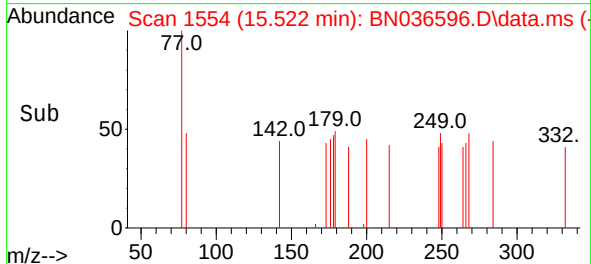
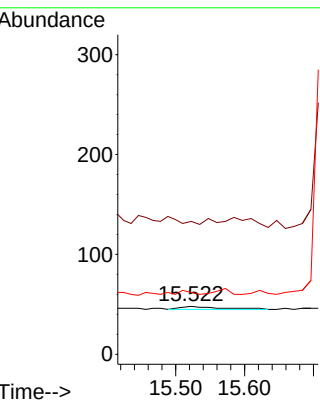
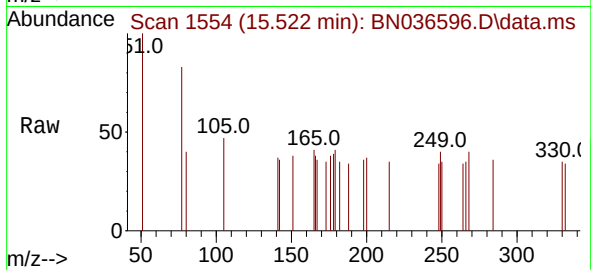




#20
4,6-Dinitro-2-methylphenol
Concen: 0.154 ng
RT: 15.522 min Scan# 1554
Delta R.T. 0.023 min
Lab File: BN036596.D
Acq: 12 Mar 2025 12:16

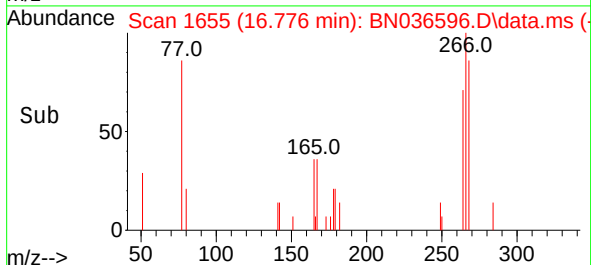
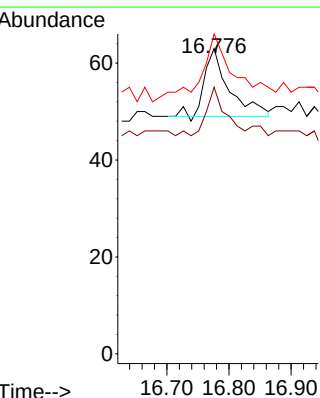
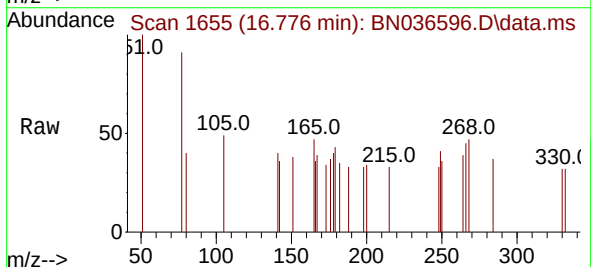
Instrument :
BNA_N
ClientSampleId :

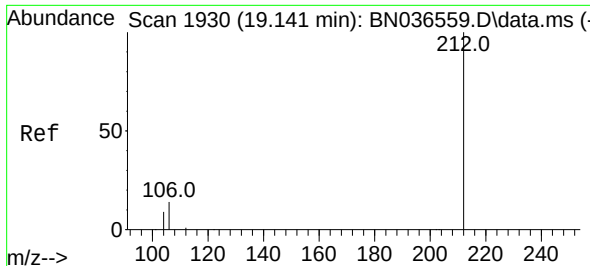
Tgt Ion:198 Resp: 12
Ion Ratio Lower Upper
198 100
51 277.1 107.9 161.9#
105 129.2 56.2 84.2#



#24
Pentachlorophenol
Concen: 0.020 ng
RT: 16.776 min Scan# 1655
Delta R.T. 0.000 min
Lab File: BN036596.D
Acq: 12 Mar 2025 12:16

Tgt Ion:266 Resp: 39
Ion Ratio Lower Upper
266 100
264 56.4 49.6 74.4
268 141.0 50.9 76.3#

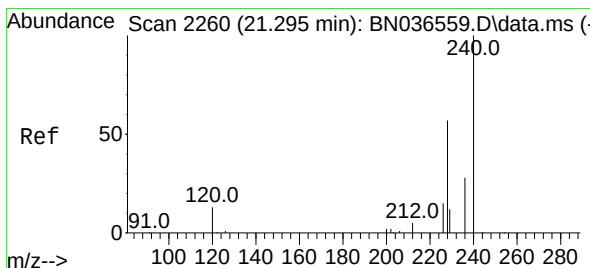
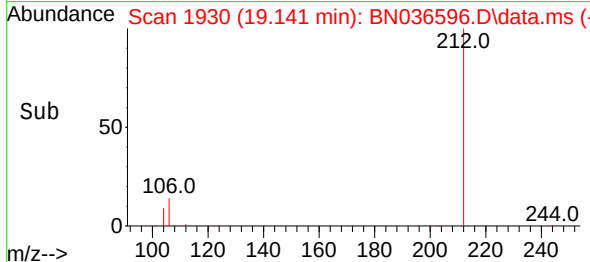
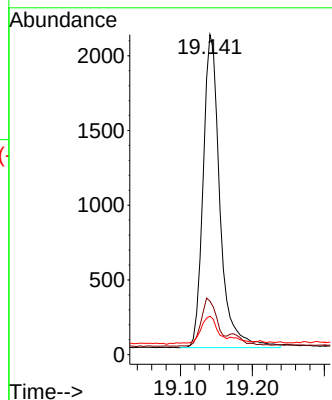
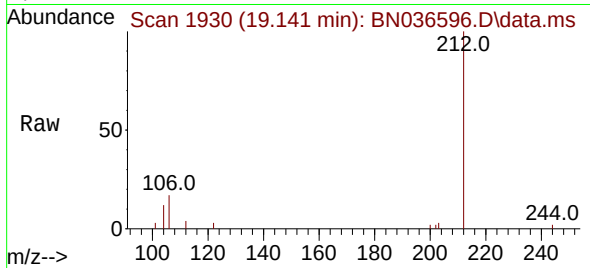




#27
 Fluoranthene-d10
 Concen: 0.240 ng
 RT: 19.141 min Scan# 1930
 Delta R.T. 0.000 min
 Lab File: BN036596.D
 Acq: 12 Mar 2025 12:16

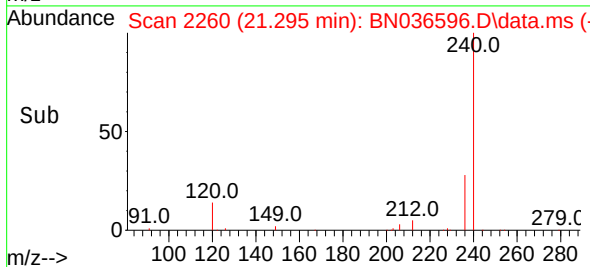
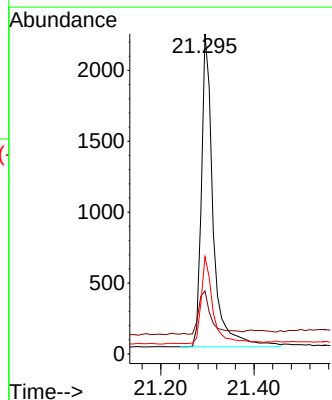
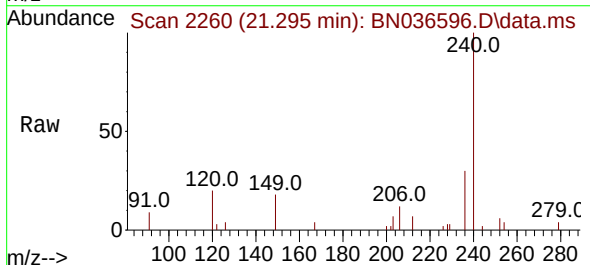
Instrument :
 BNA_N
 ClientSampleId :

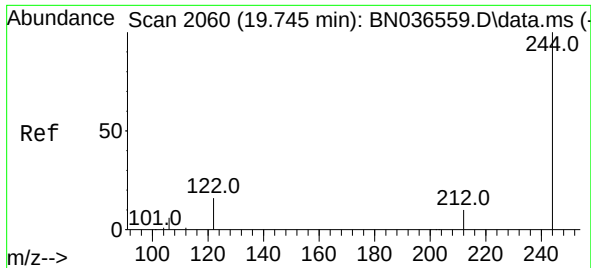
Tgt Ion:212 Resp: 3405
 Ion Ratio Lower Upper
 212 100
 106 14.6 11.8 17.6
 104 9.3 7.3 10.9



#29
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.295 min Scan# 2260
 Delta R.T. 0.000 min
 Lab File: BN036596.D
 Acq: 12 Mar 2025 12:16

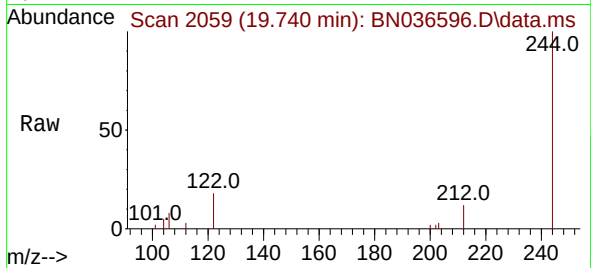
Tgt Ion:240 Resp: 3876
 Ion Ratio Lower Upper
 240 100
 120 19.7 14.6 22.0
 236 30.4 24.1 36.1



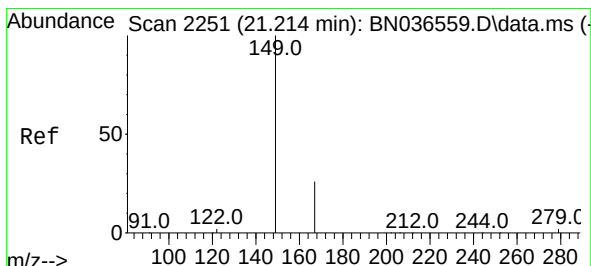
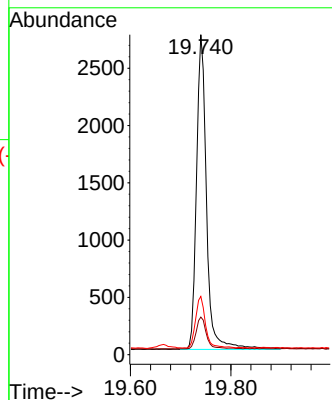
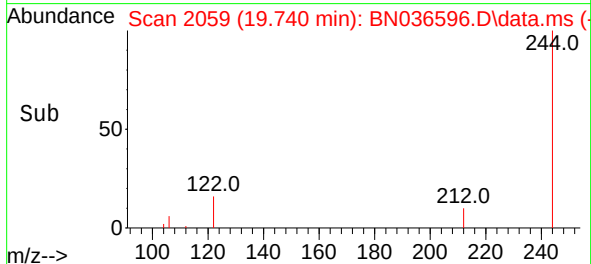


#31
 Terphenyl-d14
 Concen: 0.411 ng
 RT: 19.740 min Scan# 2060
 Delta R.T. -0.005 min
 Lab File: BN036596.D
 Acq: 12 Mar 2025 12:16

Instrument :
 BNA_N
 ClientSampleId :

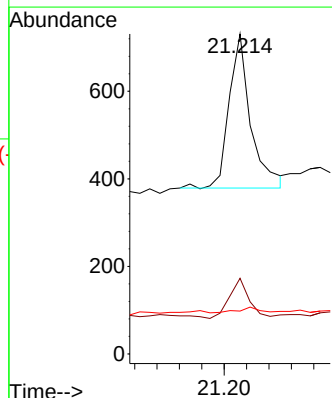
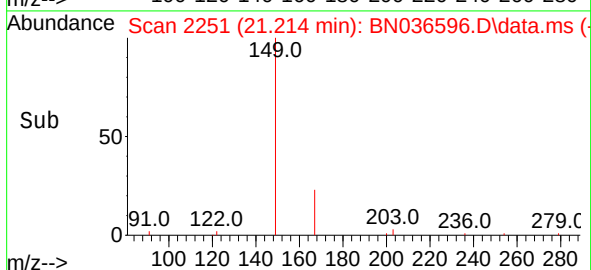
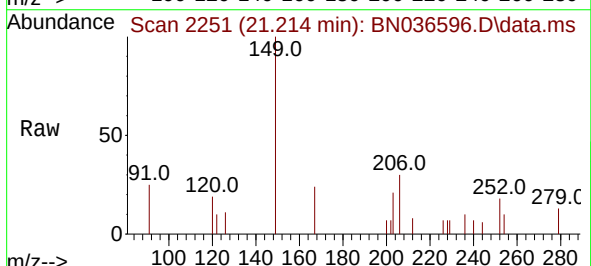


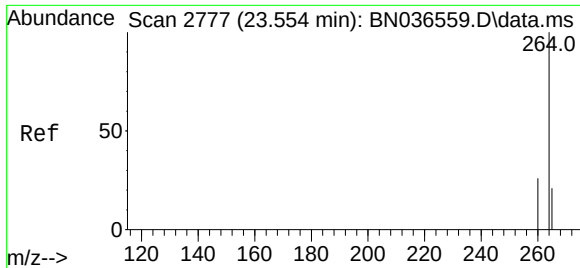
Tgt Ion:244 Resp: 3815
 Ion Ratio Lower Upper
 244 100
 212 11.7 9.6 14.4
 122 18.2 13.9 20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.049 ng
 RT: 21.214 min Scan# 2251
 Delta R.T. 0.000 min
 Lab File: BN036596.D
 Acq: 12 Mar 2025 12:16

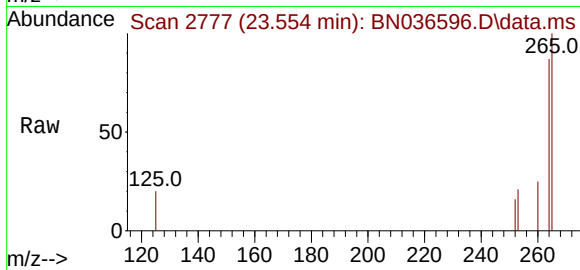
Tgt Ion:149 Resp: 474
 Ion Ratio Lower Upper
 149 100
 167 23.8 20.7 31.1
 279 3.4 3.6 5.4#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.554 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN036596.D
 Acq: 12 Mar 2025 12:16

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:	264	Resp:	3091
Ion	Ratio	Lower	Upper
264	100		
260	28.6	22.6	33.8
265	115.1	88.1	132.1

