

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030725\
 Data File : BN036547.D
 Acq On : 07 Mar 2025 15:00
 Operator : RC/JU
 Sample : Q1500-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW178S-20250305

Quant Time: Mar 07 15:28:12 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)

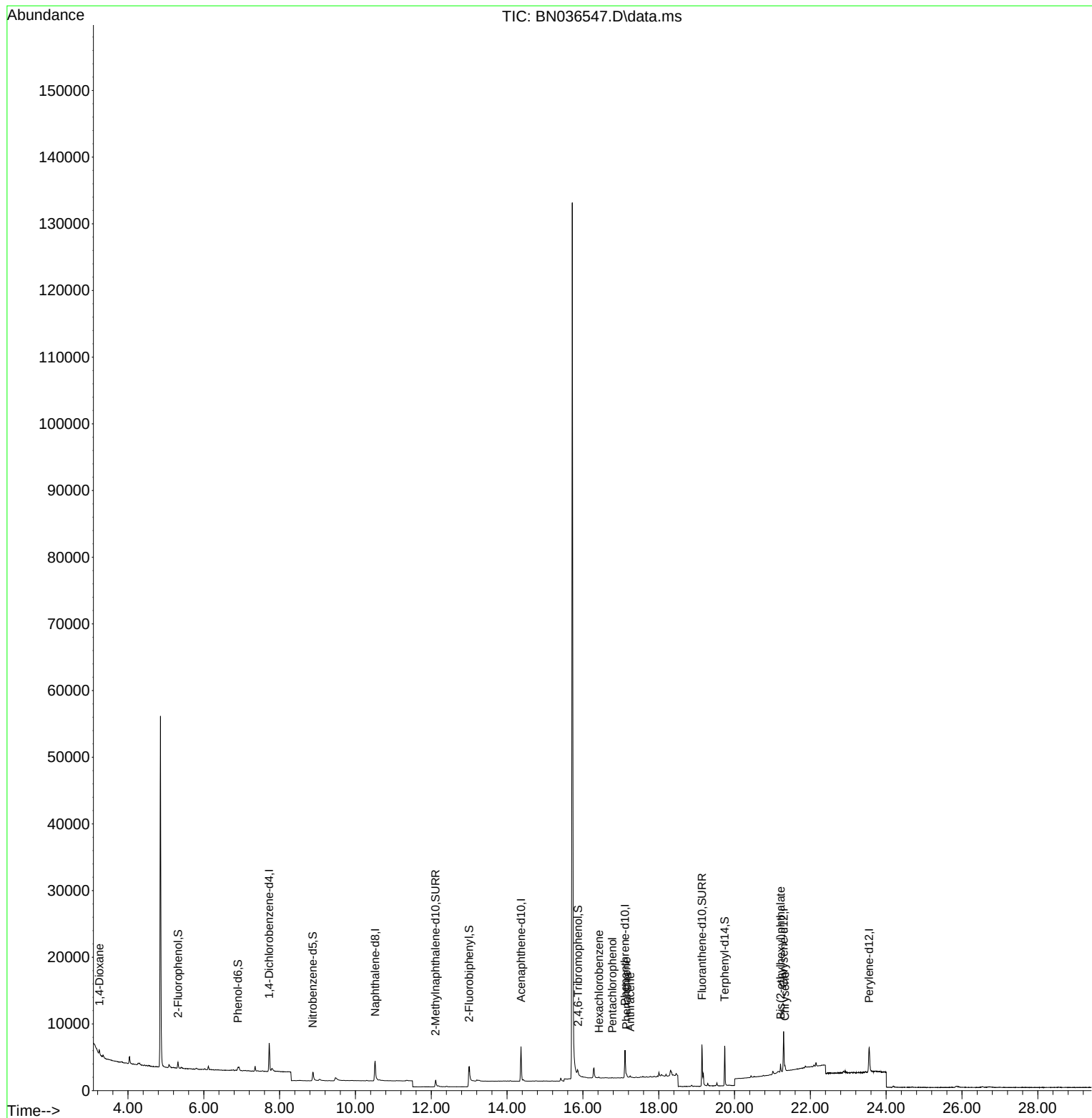
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	2158	0.400	ng	0.00
7) Naphthalene-d8	10.519	136	4932	0.400	ng	0.01
13) Acenaphthene-d10	14.366	164	3103	0.400	ng	0.00
19) Phenanthrene-d10	17.111	188	6461	0.400	ng	0.00
29) Chrysene-d12	21.295	240	5937	0.400	ng	0.00
35) Perylene-d12	23.551	264	5628	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	657	0.129	ng	0.00
5) Phenol-d6	6.901	99	457	0.076	ng	0.00
8) Nitrobenzene-d5	8.875	82	1473	0.303	ng	0.00
11) 2-Methylnaphthalene-d10	12.116	152	2039	0.269	ng	0.01
14) 2,4,6-Tribromophenol	15.870	330	475	0.309	ng	0.01
15) 2-Fluorobiphenyl	12.998	172	5037	0.432	ng	0.01
27) Fluoranthene-d10	19.141	212	7146	0.398	ng	0.00
31) Terphenyl-d14	19.740	244	5786	0.457	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.246	88	394	0.167	ng	# 59
22) Hexachlorobenzene	16.429	284	118	0.025	ng	# 87
24) Pentachlorophenol	16.776	266	51	0.023	ng	# 88
25) Phenanthrene	17.148	178	419	0.022	ng	# 91
26) Anthracene	17.248	178	343	0.021	ng	# 93
33) Chrysene	21.331	228	439	0.021	ng	# 74
34) Bis(2-ethylhexyl)phtha...	21.214	149	1098	0.090	ng	# 90

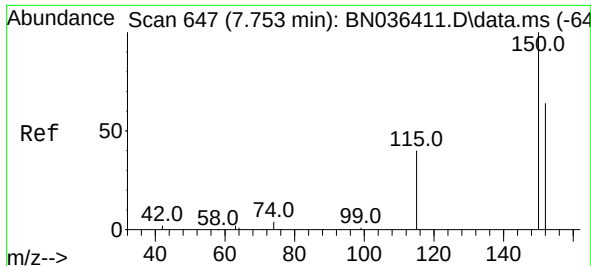
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030725\
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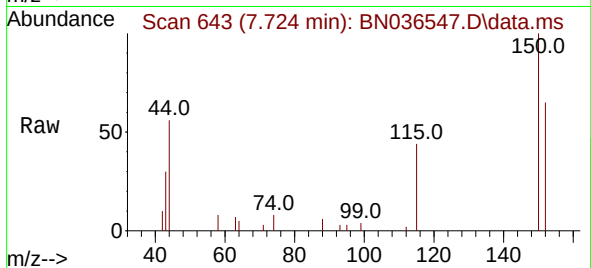
Quant Time: Mar 07 15:28:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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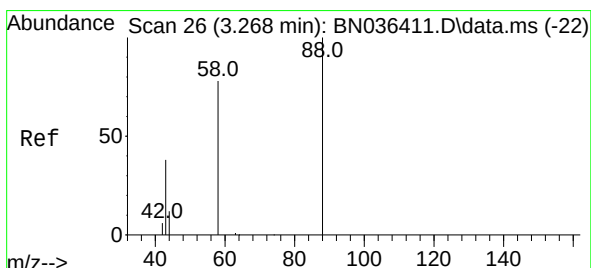
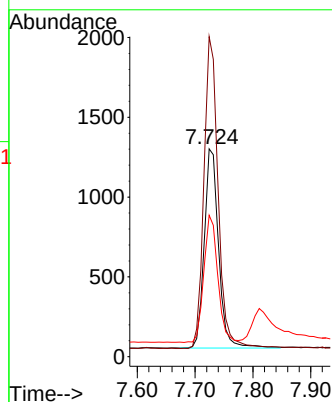
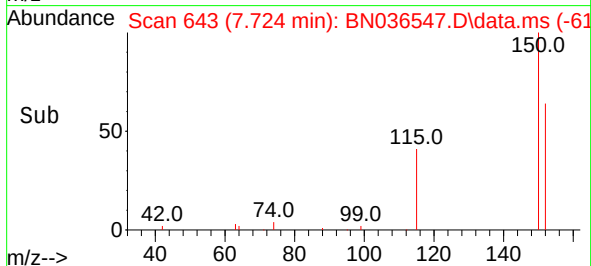


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 64
 Delta R.T. -0.008 min
 Lab File: BN036547.D
 Acq: 07 Mar 2025 15:00

Instrument :
 BNA_N
 ClientSampleId :
 MW178S-20250305

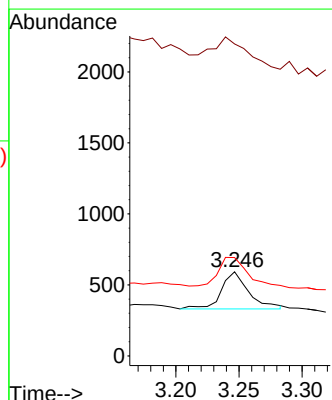
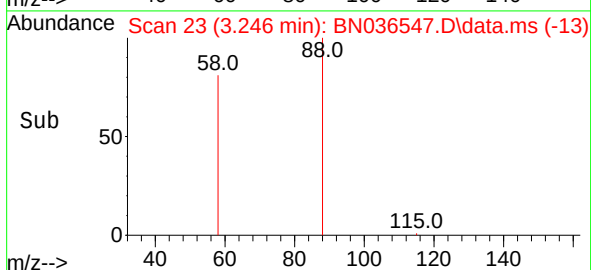
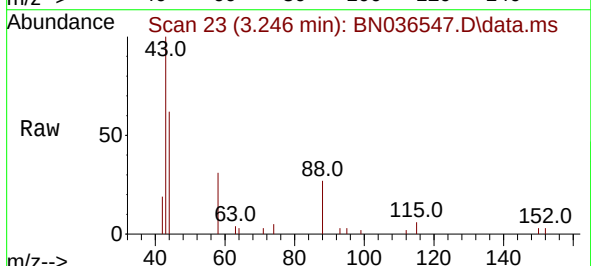


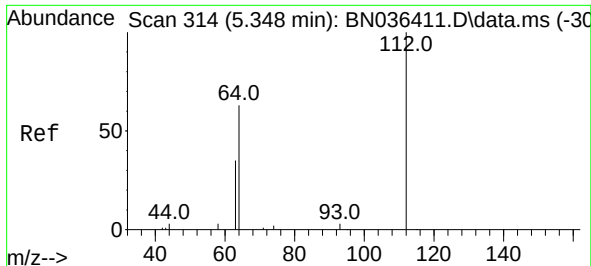
Tgt Ion:152 Resp: 2158
 Ion Ratio Lower Upper
 152 100
 150 154.0 123.7 185.5
 115 68.0 52.5 78.7



#2
 1,4-Dioxane
 Concen: 0.167 ng
 RT: 3.246 min Scan# 23
 Delta R.T. -0.000 min
 Lab File: BN036547.D
 Acq: 07 Mar 2025 15:00

Tgt Ion: 88 Resp: 394
 Ion Ratio Lower Upper
 88 100
 43 109.9 33.7 50.5#
 58 78.4 68.9 103.3

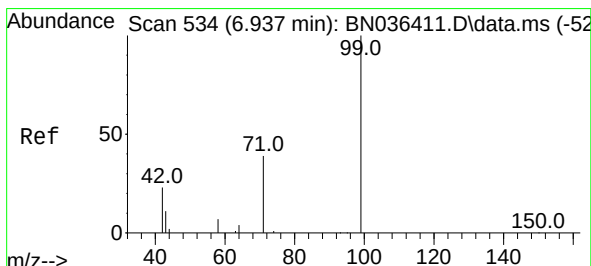
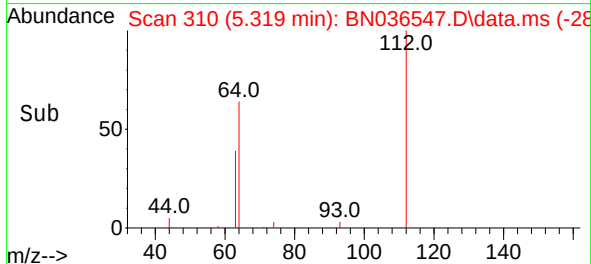
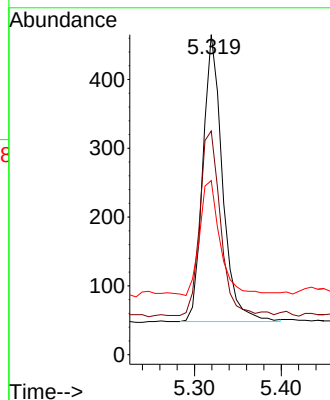
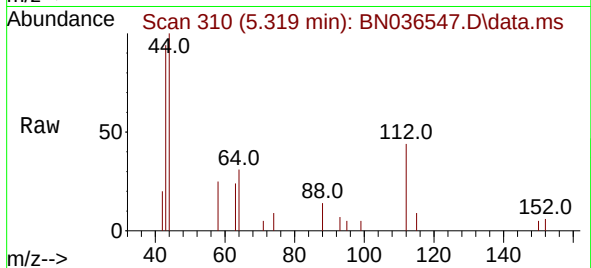




#4
2-Fluorophenol
Concen: 0.129 ng
RT: 5.319 min Scan# 314
Delta R.T. -0.000 min
Lab File: BN036547.D
Acq: 07 Mar 2025 15:00

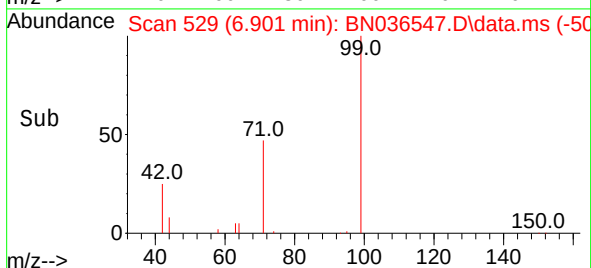
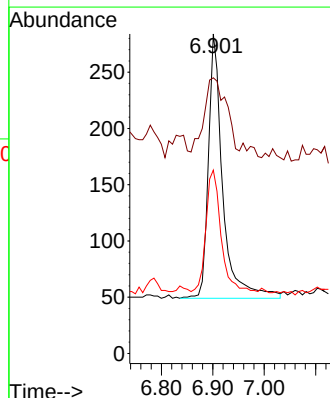
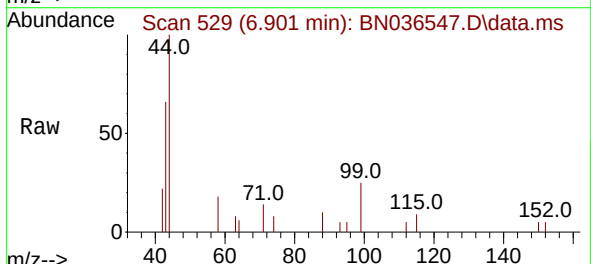
Instrument :
BNA_N
ClientSampleId :
MW178S-20250305

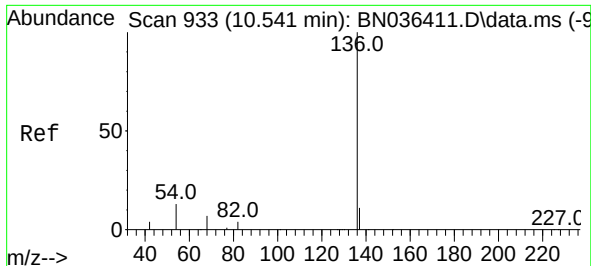
Tgt Ion:112 Resp: 657
Ion Ratio Lower Upper
112 100
64 67.9 53.4 80.0
63 42.5 30.3 45.5



#5
Phenol-d6
Concen: 0.076 ng
RT: 6.901 min Scan# 529
Delta R.T. -0.000 min
Lab File: BN036547.D
Acq: 07 Mar 2025 15:00

Tgt Ion: 99 Resp: 457
Ion Ratio Lower Upper
99 100
42 48.1 21.7 32.5#
71 48.4 32.6 49.0

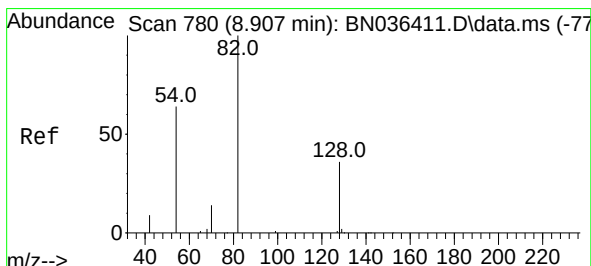
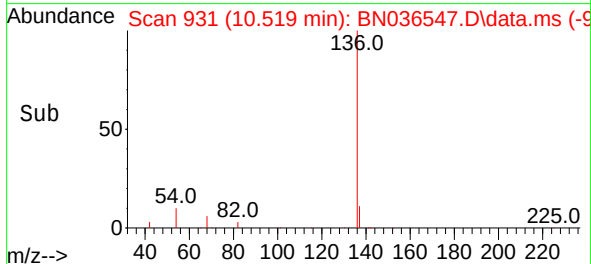
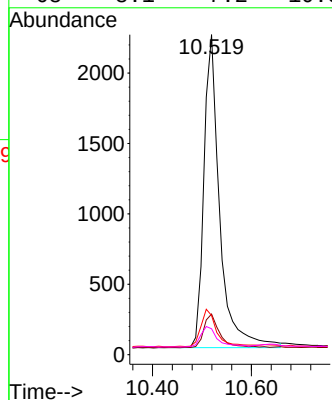
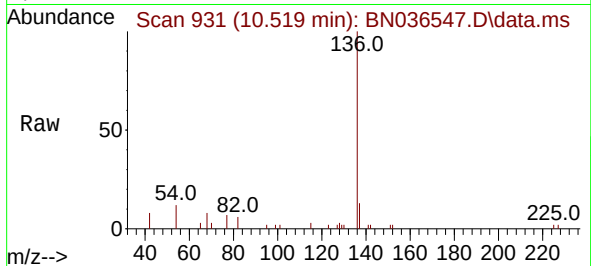




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.519 min Scan# 931
Delta R.T. 0.011 min
Lab File: BN036547.D
Acq: 07 Mar 2025 15:00

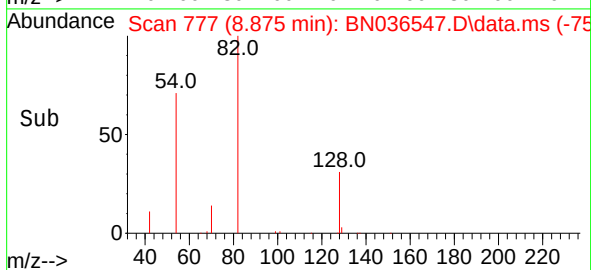
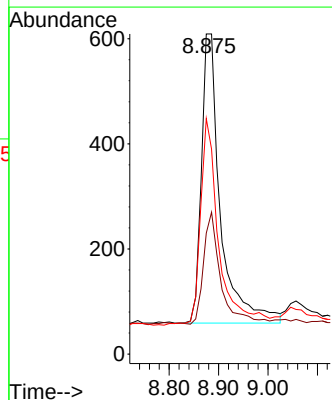
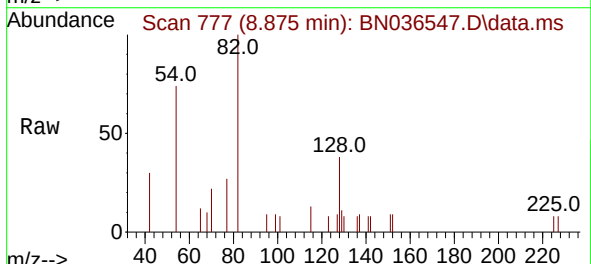
Instrument :
BNA_N
ClientSampleId :
MW178S-20250305

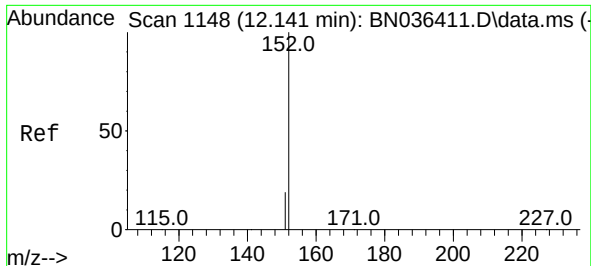
Tgt Ion:	136	Resp:	4932
Ion	Ratio	Lower	Upper
136	100		
137	12.7	10.1	15.1
54	12.3	11.8	17.6
68	8.1	7.2	10.8



#8
Nitrobenzene-d5
Concen: 0.303 ng
RT: 8.875 min Scan# 777
Delta R.T. -0.000 min
Lab File: BN036547.D
Acq: 07 Mar 2025 15:00

Tgt Ion:	82	Resp:	1473
Ion	Ratio	Lower	Upper
82	100		
128	37.8	31.9	47.9
54	73.6	53.1	79.7

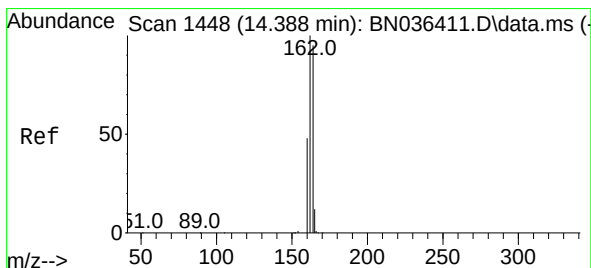
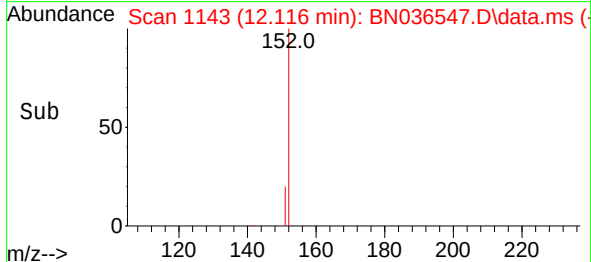
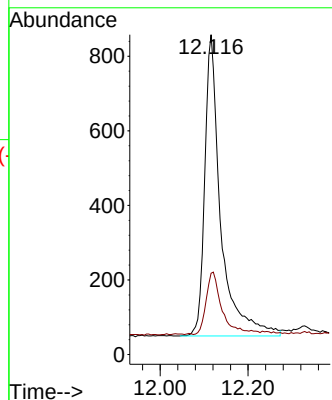
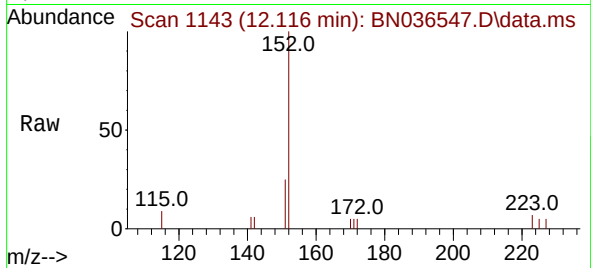




#11
2-Methylnaphthalene-d10
Concen: 0.269 ng
RT: 12.116 min Scan# 1143
Delta R.T. 0.010 min
Lab File: BN036547.D
Acq: 07 Mar 2025 15:00

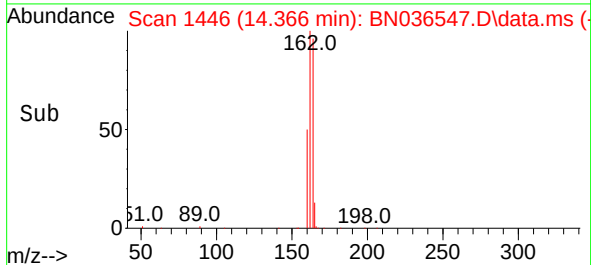
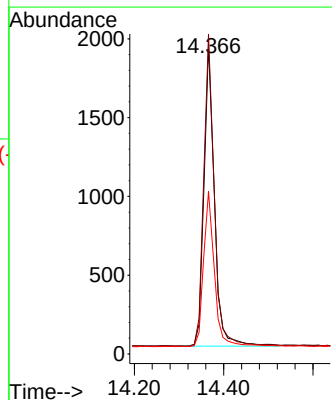
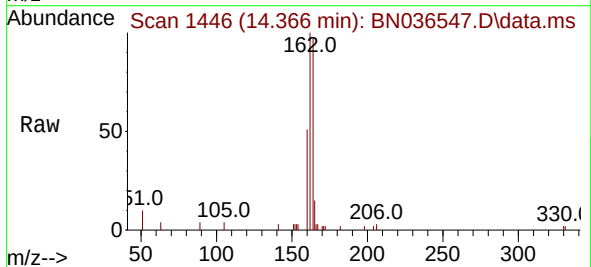
Instrument :
BNA_N
ClientSampleId :
MW178S-20250305

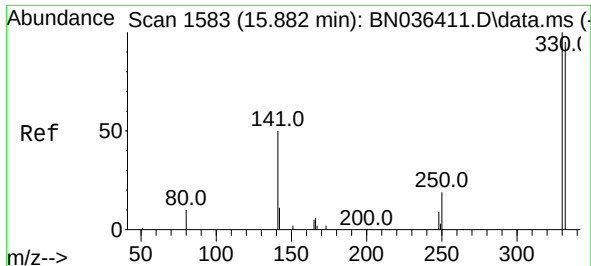
Tgt Ion:152 Resp: 2039
Ion Ratio Lower Upper
152 100
151 20.0 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.366 min Scan# 1446
Delta R.T. -0.000 min
Lab File: BN036547.D
Acq: 07 Mar 2025 15:00

Tgt Ion:164 Resp: 3103
Ion Ratio Lower Upper
164 100
162 103.6 84.1 126.1
160 52.7 41.4 62.0





#14

2,4,6-Tribromophenol

Concen: 0.309 ng

RT: 15.870 min Scan# 11

Delta R.T. 0.012 min

Lab File: BN036547.D

Acq: 07 Mar 2025 15:00

Instrument :

BNA_N

ClientSampleId :

MW178S-20250305

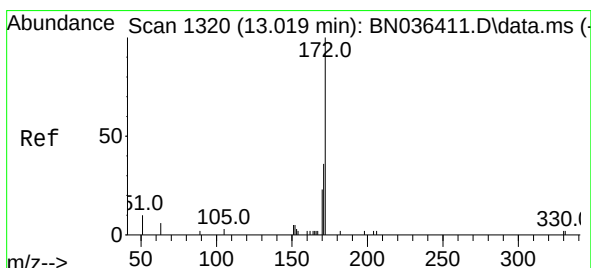
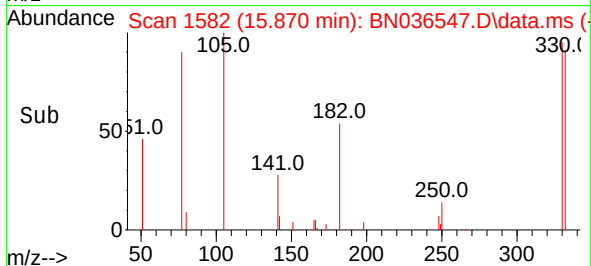
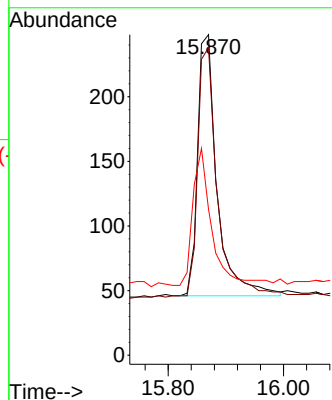
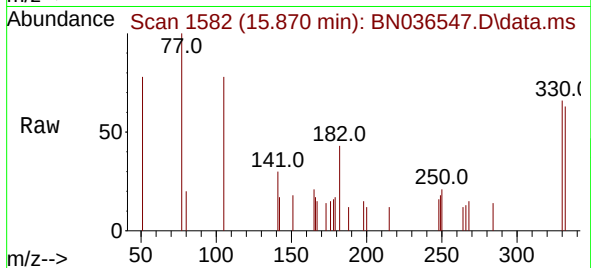
Tgt Ion:330 Resp: 475

Ion Ratio Lower Upper

330 100

332 97.9 76.6 114.8

141 50.7 37.8 56.8



#15

2-Fluorobiphenyl

Concen: 0.432 ng

RT: 12.998 min Scan# 1317

Delta R.T. 0.010 min

Lab File: BN036547.D

Acq: 07 Mar 2025 15:00

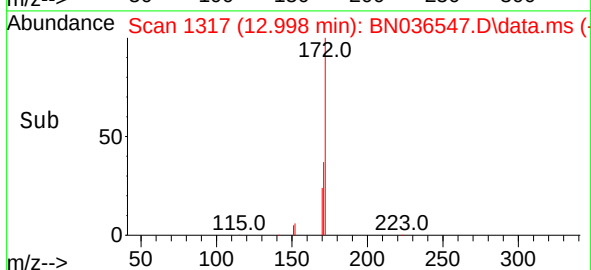
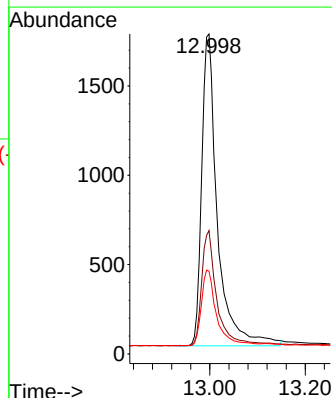
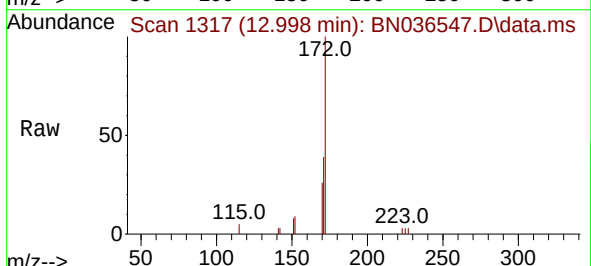
Tgt Ion:172 Resp: 5037

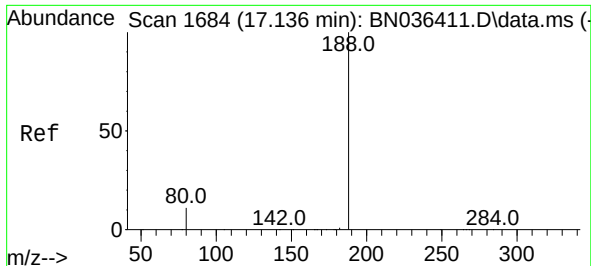
Ion Ratio Lower Upper

172 100

171 38.5 29.6 44.4

170 25.9 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: BN036547.D

Acq: 07 Mar 2025 15:00

Instrument :

BNA_N

ClientSampleId :

MW178S-20250305

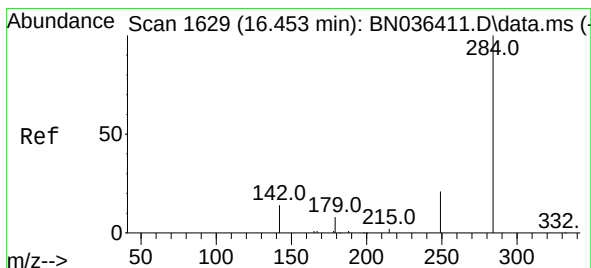
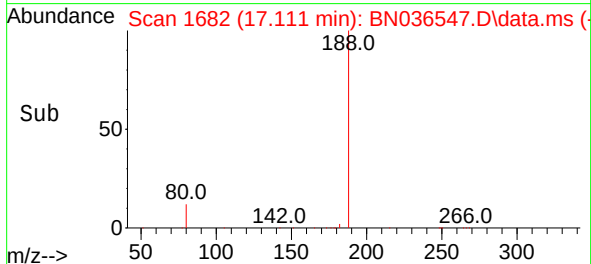
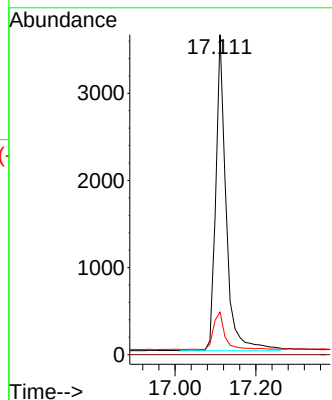
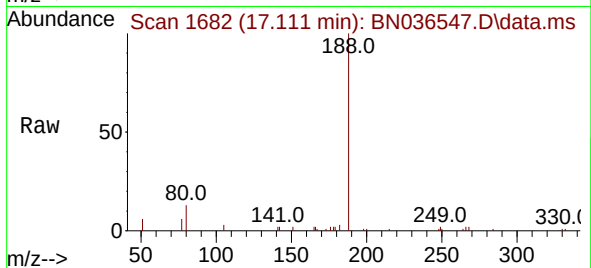
Tgt Ion:188 Resp: 6461

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.3 9.8 14.6



#22

Hexachlorobenzene

Concen: 0.025 ng

RT: 16.429 min Scan# 1627

Delta R.T. 0.012 min

Lab File: BN036547.D

Acq: 07 Mar 2025 15:00

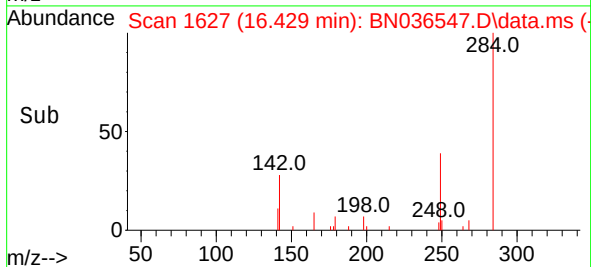
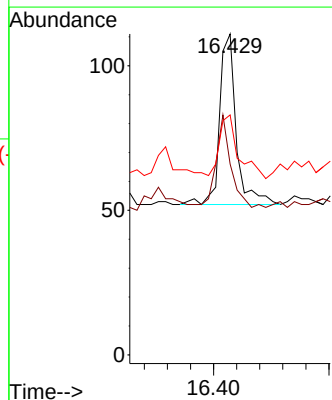
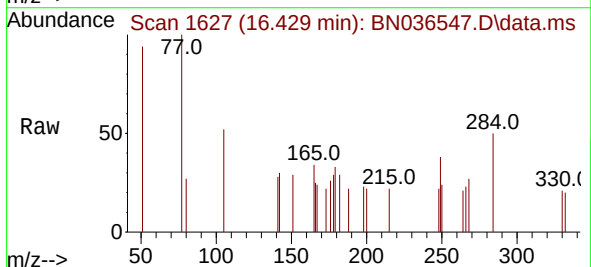
Tgt Ion:284 Resp: 118

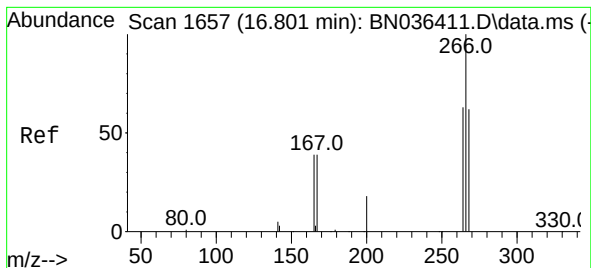
Ion Ratio Lower Upper

284 100

142 50.0 33.4 50.0

249 43.2 28.6 43.0#





#24

Pentachlorophenol

Concen: 0.023 ng

RT: 16.776 min Scan# 1655

Delta R.T. 0.012 min

Lab File: BN036547.D

Acq: 07 Mar 2025 15:00

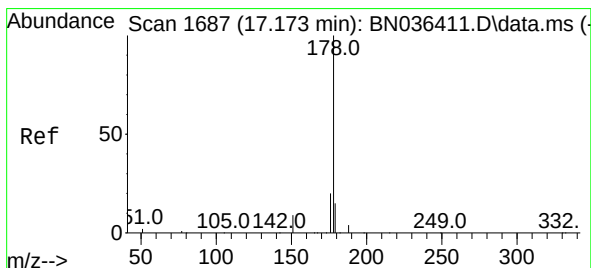
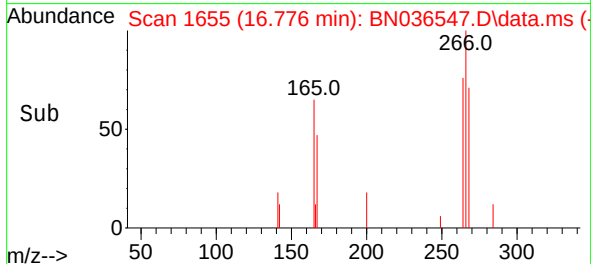
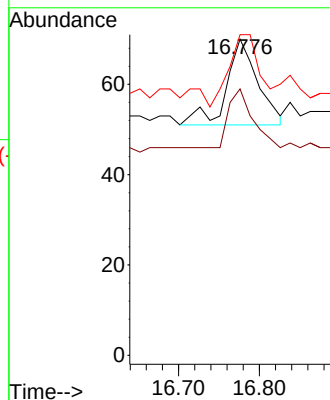
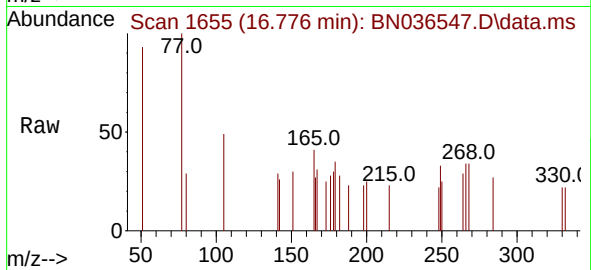
Instrument :

BNA_N

ClientSampleId :

MW178S-20250305

Tgt Ion:266	Resp:	51
Ion Ratio	Lower	Upper
266	100	
264	64.7	50.6 76.0
268	82.4	51.9 77.9#



#25

Phenanthrene

Concen: 0.022 ng

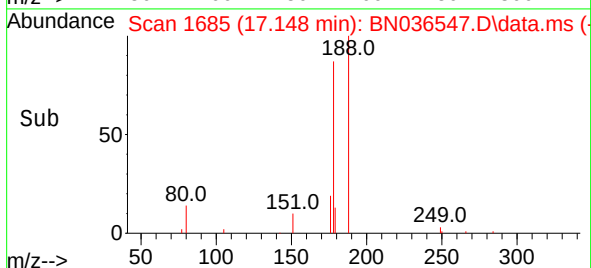
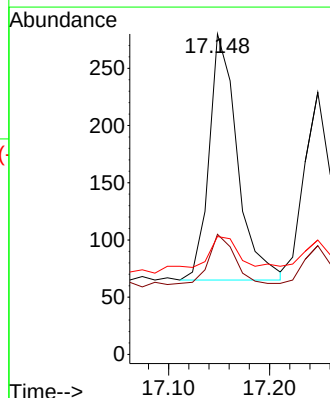
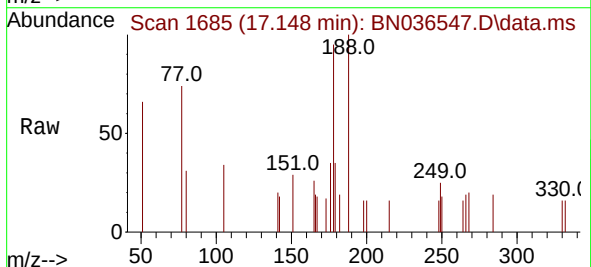
RT: 17.148 min Scan# 1685

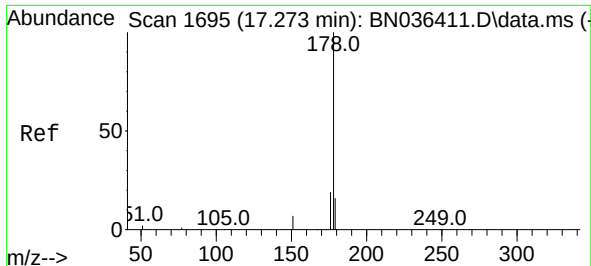
Delta R.T. -0.000 min

Lab File: BN036547.D

Acq: 07 Mar 2025 15:00

Tgt Ion:178	Resp:	419
Ion Ratio	Lower	Upper
178	100	
176	22.9	15.7 23.5
179	19.8	12.4 18.6#





#26

Anthracene

Concen: 0.021 ng

RT: 17.248 min Scan# 1693

Delta R.T. 0.012 min

Lab File: BN036547.D

Acq: 07 Mar 2025 15:00

Instrument :

BNA_N

ClientSampleId :

MW178S-20250305

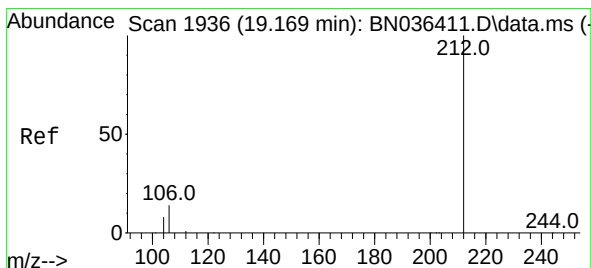
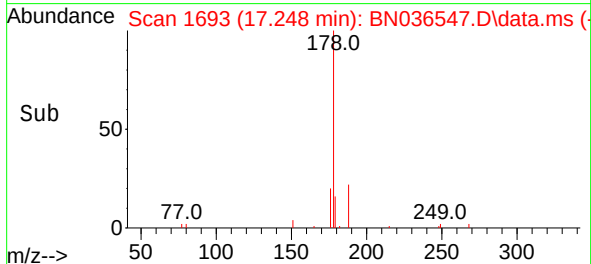
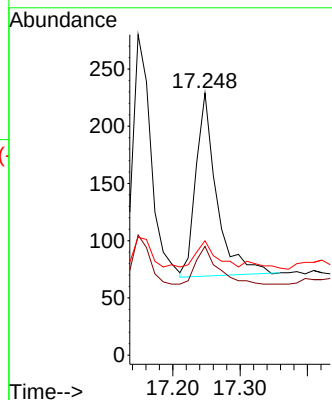
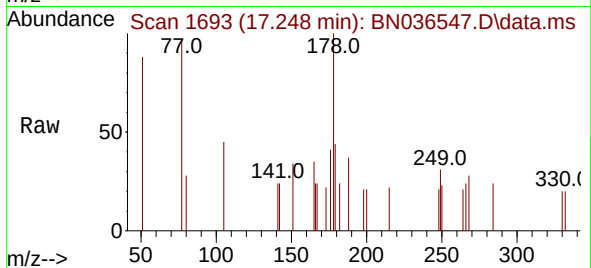
Tgt Ion:178 Resp: 343

Ion Ratio Lower Upper

178 100

176 22.7 14.9 22.3#

179 14.0 12.4 18.6



#27

Fluoranthene-d10

Concen: 0.398 ng

RT: 19.141 min Scan# 1930

Delta R.T. -0.000 min

Lab File: BN036547.D

Acq: 07 Mar 2025 15:00

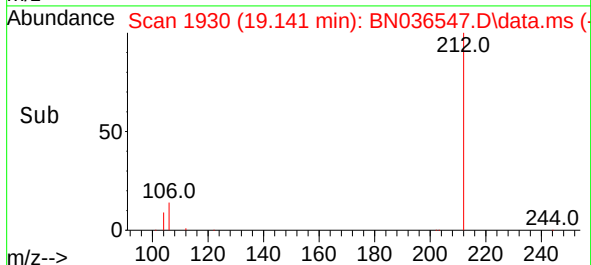
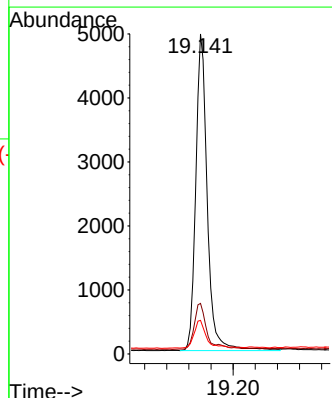
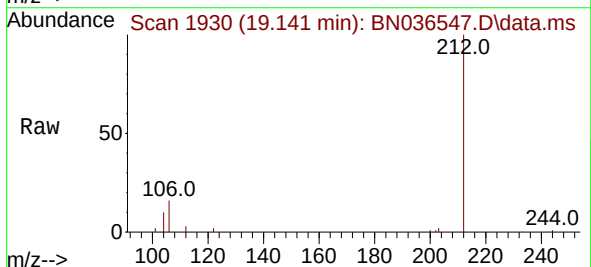
Tgt Ion:212 Resp: 7146

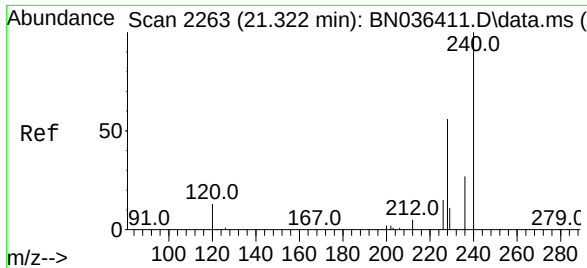
Ion Ratio Lower Upper

212 100

106 16.1 11.5 17.3

104 9.9 7.1 10.7

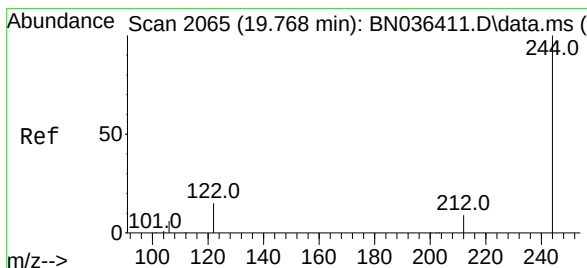
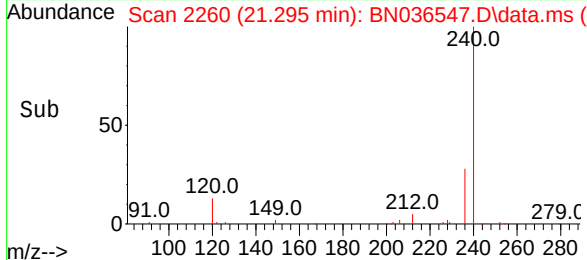
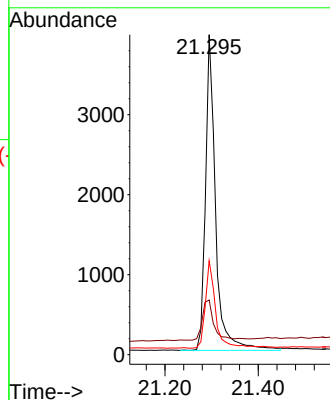
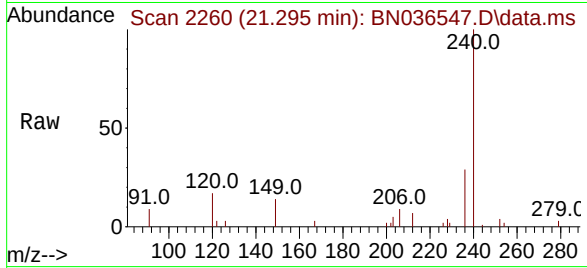




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.295 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN036547.D
Acq: 07 Mar 2025 15:00

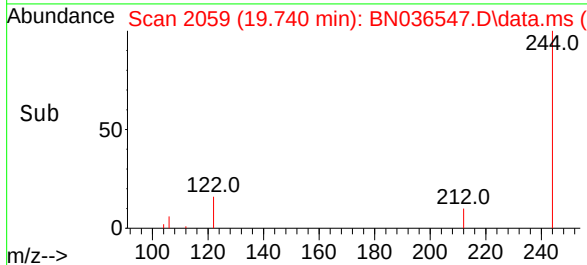
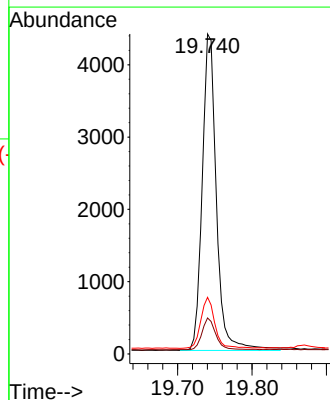
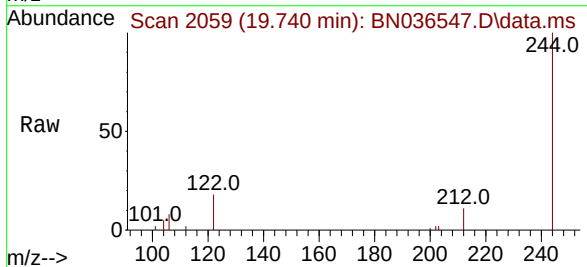
Instrument :
BNA_N
ClientSampleId :
MW178S-20250305

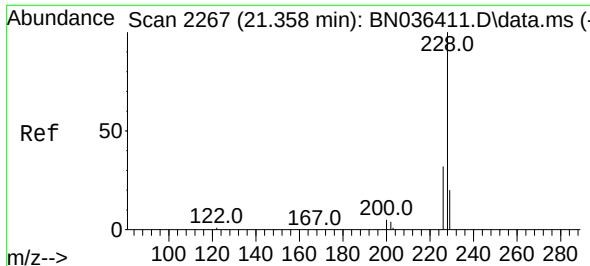
Tgt Ion:240 Resp: 5937
Ion Ratio Lower Upper
240 100
120 17.1 13.3 19.9
236 29.4 23.0 34.6



#31
Terphenyl-d14
Concen: 0.457 ng
RT: 19.740 min Scan# 2059
Delta R.T. -0.005 min
Lab File: BN036547.D
Acq: 07 Mar 2025 15:00

Tgt Ion:244 Resp: 5786
Ion Ratio Lower Upper
244 100
212 11.2 8.1 12.1
122 17.7 12.8 19.2





#33

Chrysene

Concen: 0.021 ng

RT: 21.331 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN036547.D

Acq: 07 Mar 2025 15:00

Instrument :

BNA_N

ClientSampleId :

MW178S-20250305

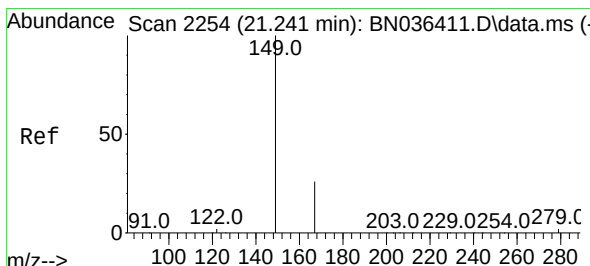
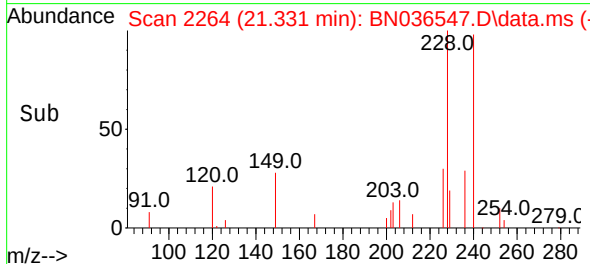
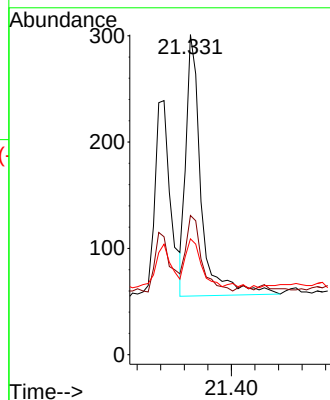
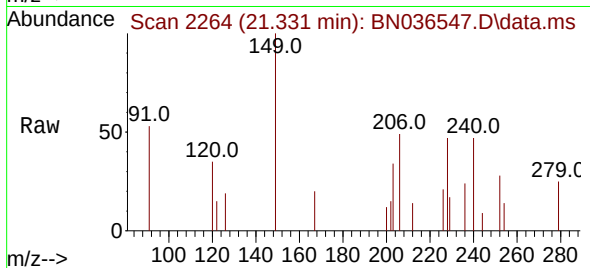
Tgt Ion:228 Resp: 439

Ion Ratio Lower Upper

228 100

226 43.5 25.5 38.3#

229 36.2 16.4 24.6#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.090 ng

RT: 21.214 min Scan# 2251

Delta R.T. -0.000 min

Lab File: BN036547.D

Acq: 07 Mar 2025 15:00

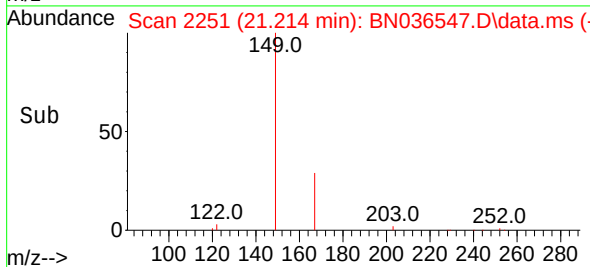
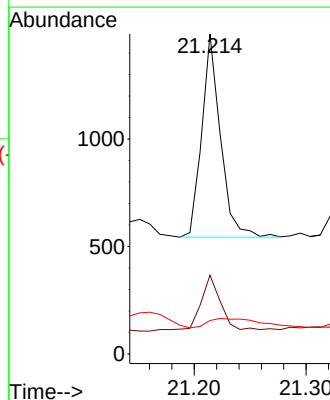
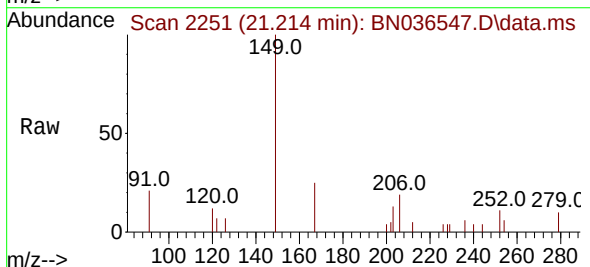
Tgt Ion:149 Resp: 1098

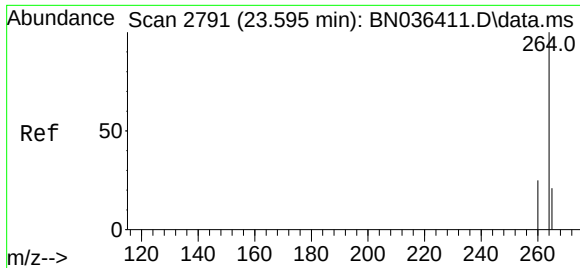
Ion Ratio Lower Upper

149 100

167 30.3 21.2 31.8

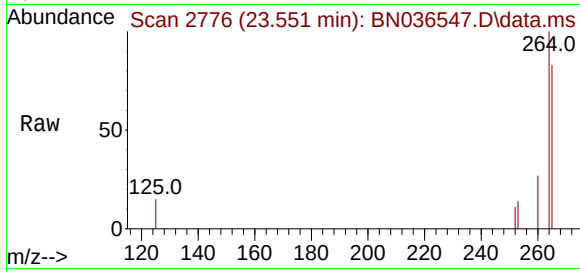
279 12.7 2.7 4.1#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.551 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN036547.D
Acq: 07 Mar 2025 15:00

Instrument :
BNA_N
ClientSampleId :
MW178S-20250305



Tgt Ion:264 Resp: 5628

Ion	Ratio	Lower	Upper
264	100		
260	26.9	20.9	31.3
265	83.1	60.7	91.1

