

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020525\
 Data File : BN036305.D
 Acq On : 05 Feb 2025 19:59
 Operator : RC/JU
 Sample : PB166470BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB166470BL

Quant Time: Feb 06 01:05:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 01:04:09 2025
 Response via : Initial Calibration

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

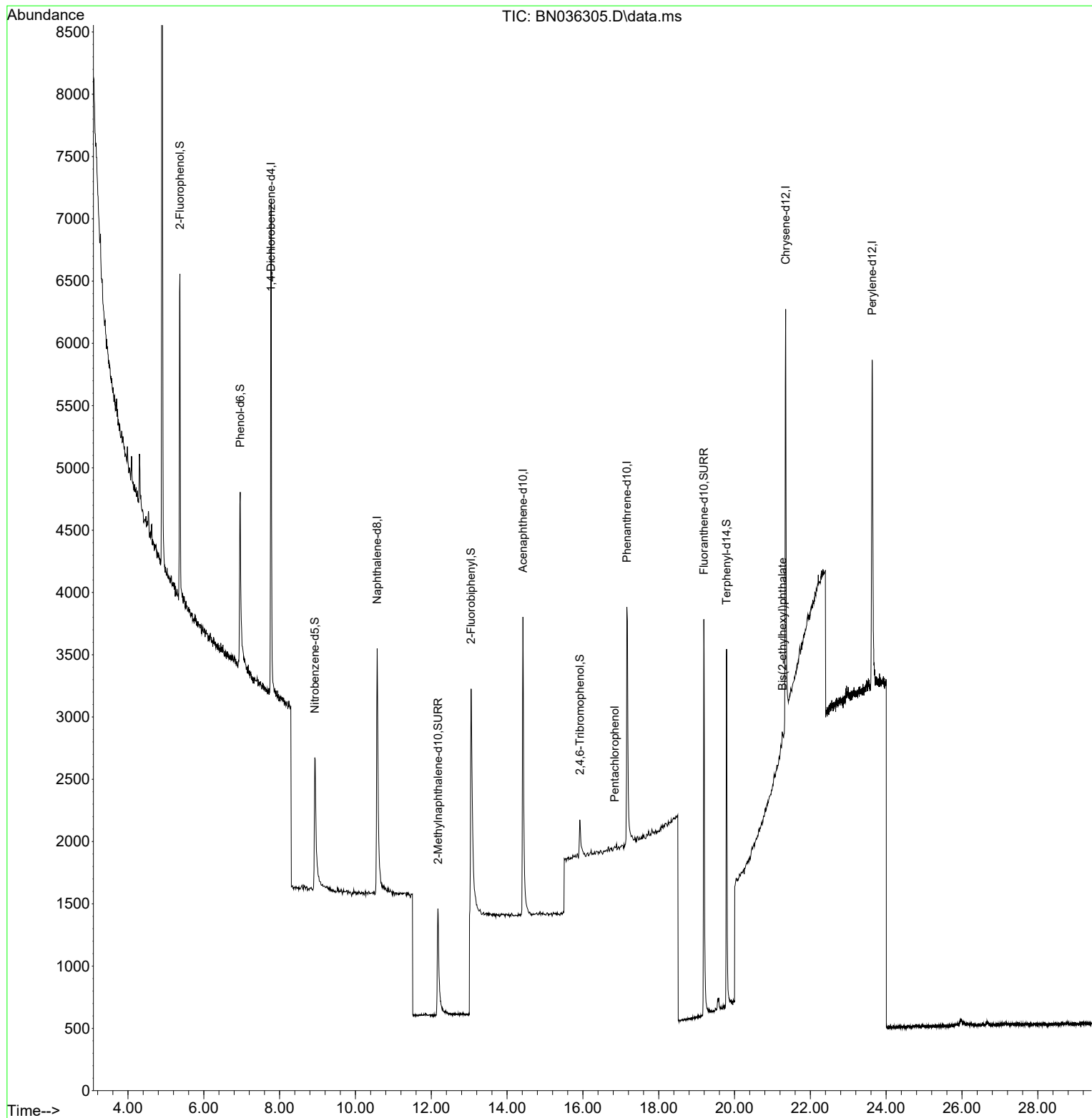
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	2016	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	4203	0.400	ng	# 0.01
13) Acenaphthene-d10	14.420	164	2165	0.400	ng	0.01
19) Phenanthrene-d10	17.161	188	4132	0.400	ng	0.00
29) Chrysene-d12	21.349	240	3837	0.400	ng	0.00
35) Perylene-d12	23.630	264	4121	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.370	112	1991	0.380	ng	0.00
5) Phenol-d6	6.959	99	1997	0.324	ng	0.00
8) Nitrobenzene-d5	8.929	82	1617	0.408	ng	0.00
11) 2-Methylnaphthalene-d10	12.177	152	2294	0.401	ng	0.02
14) 2,4,6-Tribromophenol	15.920	330	265	0.191	ng	0.01
15) 2-Fluorobiphenyl	13.051	172	3408	0.353	ng	0.01
27) Fluoranthene-d10	19.192	212	4421	0.413	ng	0.00
31) Terphenyl-d14	19.791	244	3578	0.449	ng	0.00
Target Compounds						Qvalue
24) Pentachlorophenol	16.838	266	34	0.020	ng	# 78
34) Bis(2-ethylhexyl)phtha...	21.268	149	162	0.021	ng	# 80

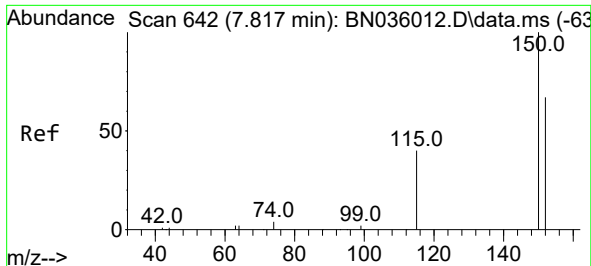
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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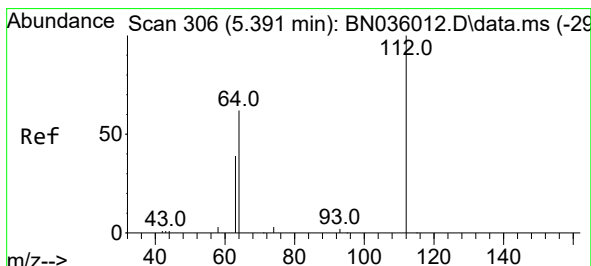
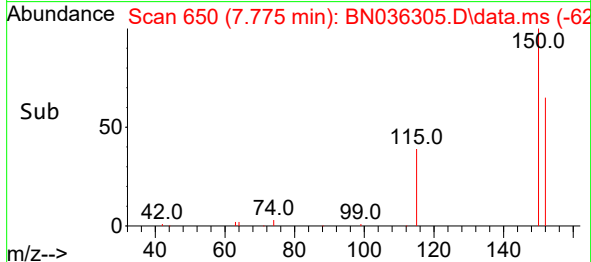
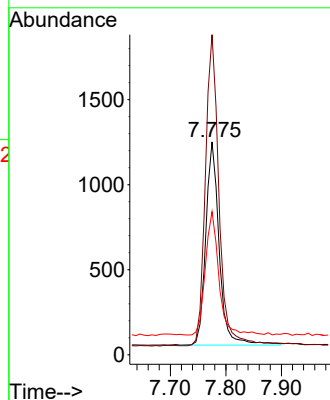
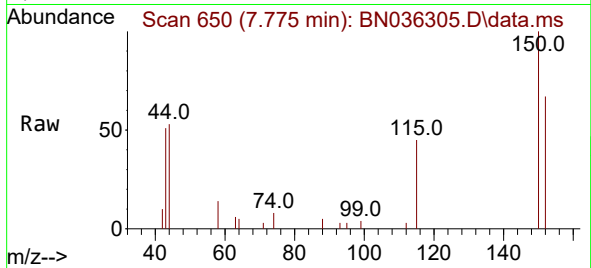




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN036305.D
Acq: 05 Feb 2025 19:59

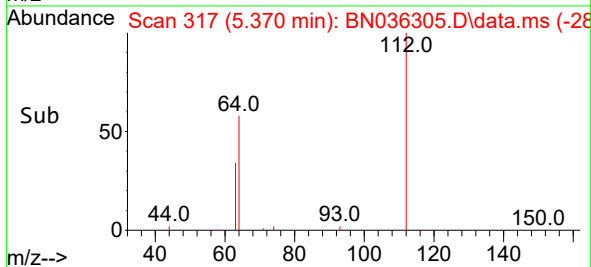
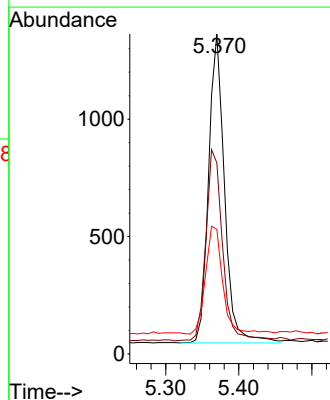
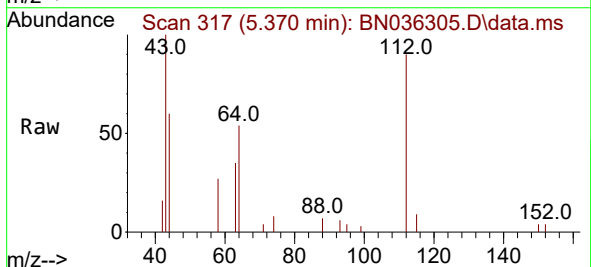
Instrument :
BNA_N
ClientSampleId :
PB166470BL

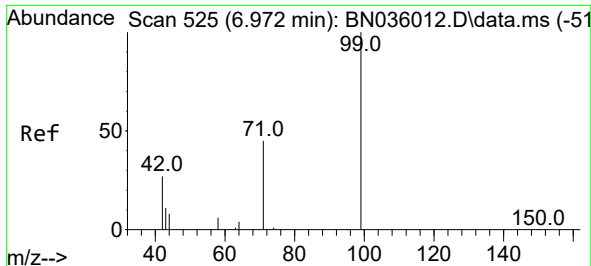
Tgt Ion:152 Resp: 2016
Ion Ratio Lower Upper
152 100
150 150.3 117.4 176.2
115 67.3 51.0 76.4



#4
2-Fluorophenol
Concen: 0.380 ng
RT: 5.370 min Scan# 317
Delta R.T. 0.007 min
Lab File: BN036305.D
Acq: 05 Feb 2025 19:59

Tgt Ion:112 Resp: 1991
Ion Ratio Lower Upper
112 100
64 64.9 50.0 75.0
63 37.6 30.7 46.1

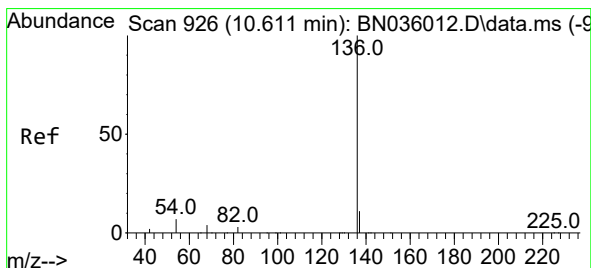
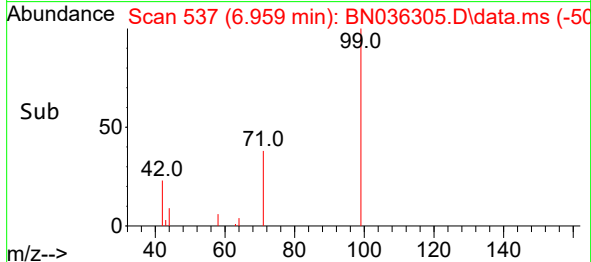
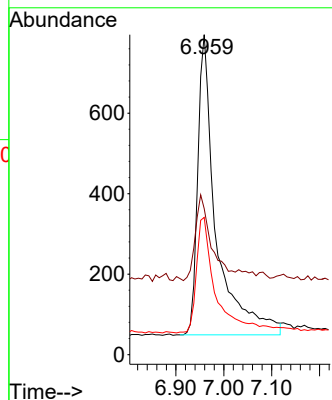
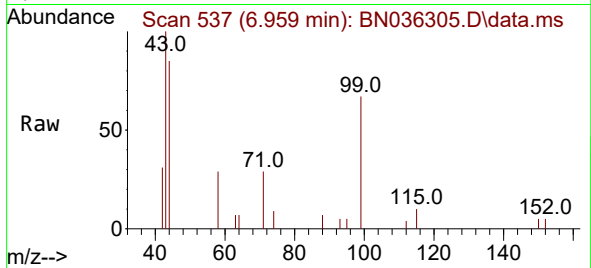




#5
Phenol-d6
Concen: 0.324 ng
RT: 6.959 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN036305.D
Acq: 05 Feb 2025 19:59

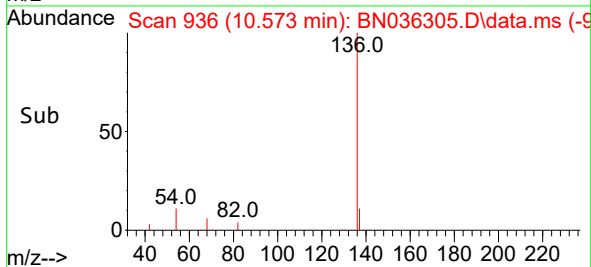
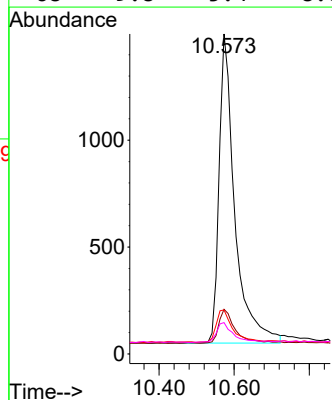
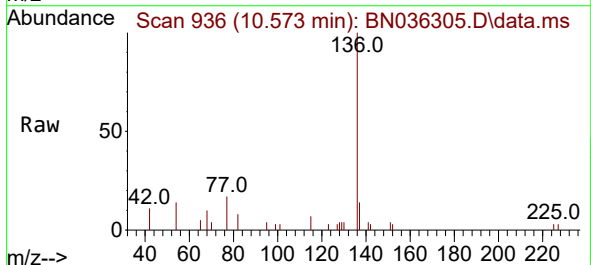
Instrument :
BNA_N
ClientSampleId :
PB166470BL

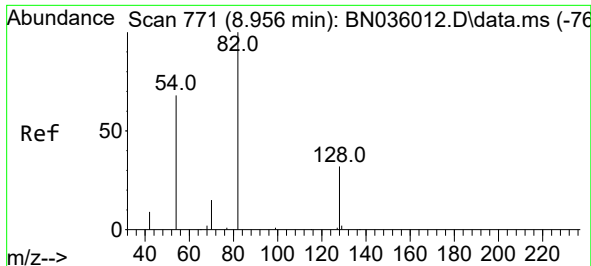
Tgt Ion: 99 Resp: 1997
Ion Ratio Lower Upper
99 100
42 24.9 26.8 40.2#
71 41.0 36.6 55.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 936
Delta R.T. 0.011 min
Lab File: BN036305.D
Acq: 05 Feb 2025 19:59

Tgt Ion: 136 Resp: 4203
Ion Ratio Lower Upper
136 100
137 14.0 10.4 15.6
54 13.8 7.7 11.5#
68 9.8 5.4 8.0#

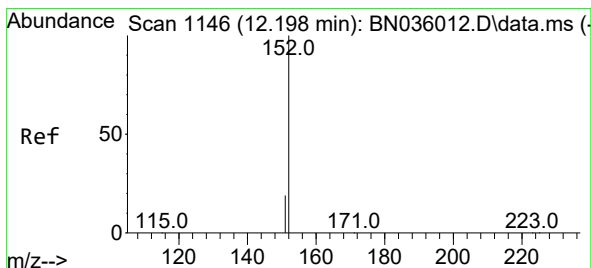
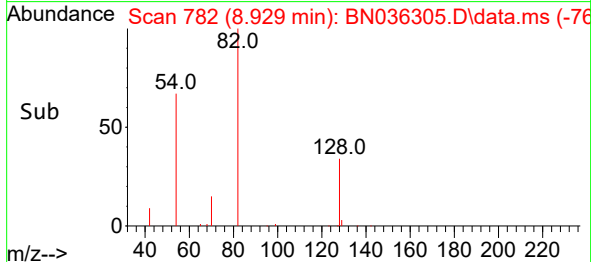
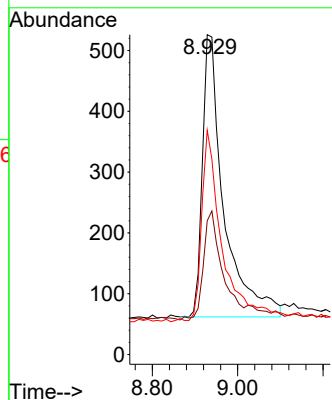
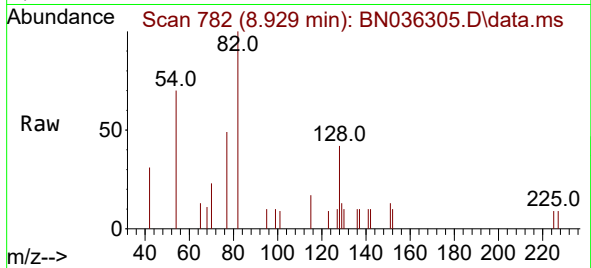




#8
Nitrobenzene-d5
Concen: 0.408 ng
RT: 8.929 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN036305.D
Acq: 05 Feb 2025 19:59

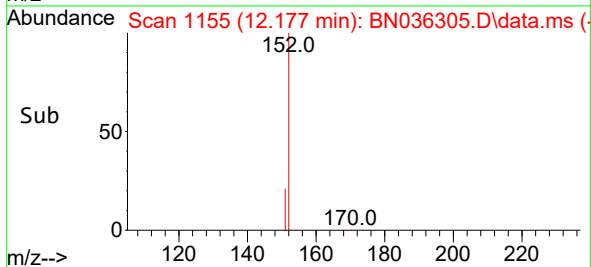
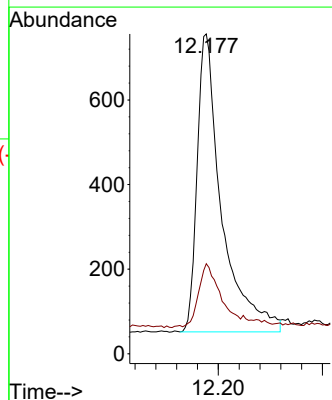
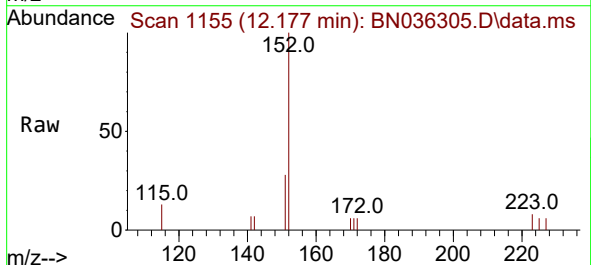
Instrument :
BNA_N
ClientSampleId :
PB166470BL

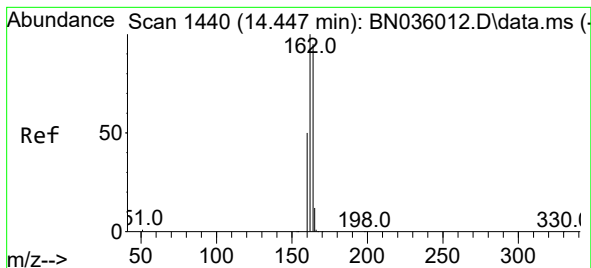
Tgt Ion: 82 Resp: 1617
Ion Ratio Lower Upper
82 100
128 41.8 28.8 43.2
54 70.2 55.8 83.8



#11
2-Methylnaphthalene-d10
Concen: 0.401 ng
RT: 12.177 min Scan# 1155
Delta R.T. 0.020 min
Lab File: BN036305.D
Acq: 05 Feb 2025 19:59

Tgt Ion:152 Resp: 2294
Ion Ratio Lower Upper
152 100
151 19.5 16.6 25.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.420 min Scan# 14

Delta R.T. 0.011 min

Lab File: BN036305.D

Acq: 05 Feb 2025 19:59

Instrument :

BNA_N

ClientSampleId :

PB166470BL

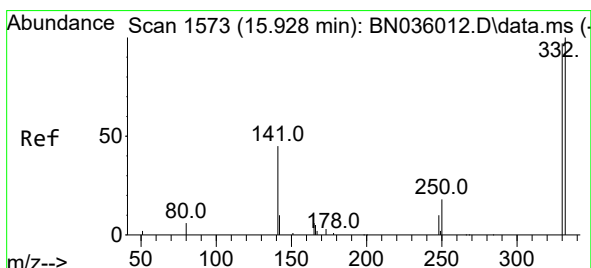
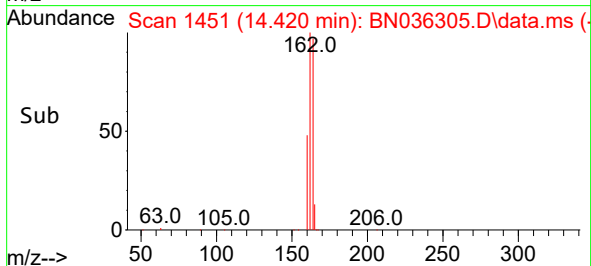
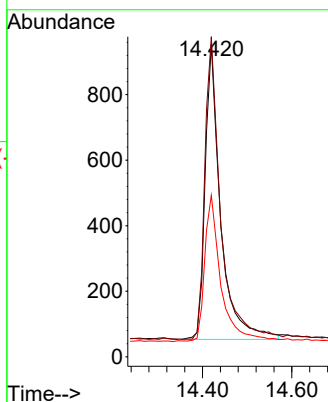
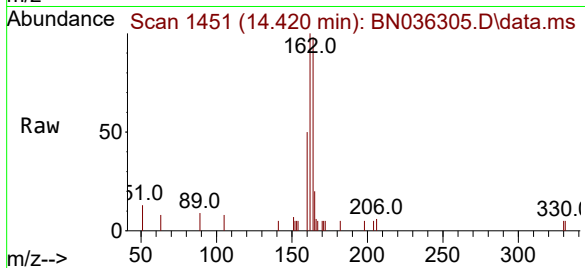
Tgt Ion:164 Resp: 2165

Ion Ratio Lower Upper

164 100

162 102.5 84.1 126.1

160 51.7 43.8 65.8



#14

2,4,6-Tribromophenol

Concen: 0.191 ng

RT: 15.920 min Scan# 1586

Delta R.T. 0.012 min

Lab File: BN036305.D

Acq: 05 Feb 2025 19:59

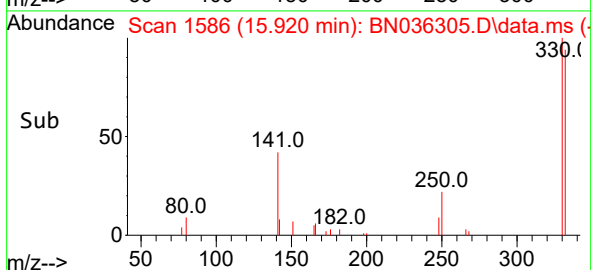
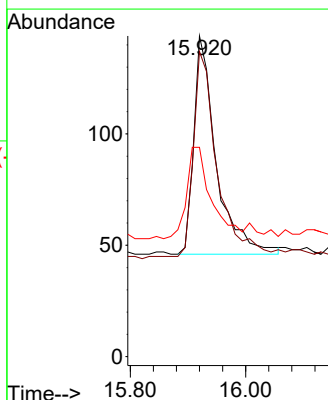
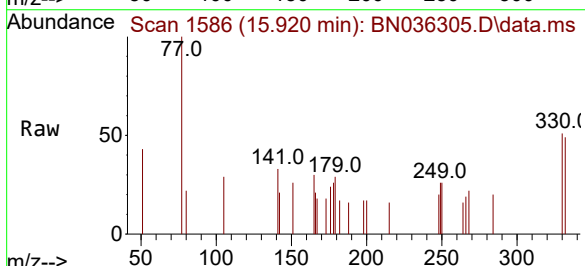
Tgt Ion:330 Resp: 265

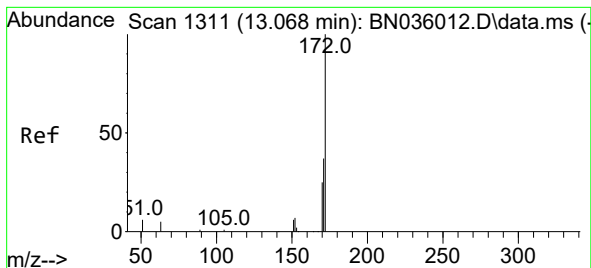
Ion Ratio Lower Upper

330 100

332 98.1 81.0 121.4

141 46.0 36.7 55.1





#15

2-Fluorobiphenyl

Concen: 0.353 ng

RT: 13.051 min Scan# 1

Delta R.T. 0.011 min

Lab File: BN036305.D

Acq: 05 Feb 2025 19:59

Instrument :

BNA_N

ClientSampleId :

PB166470BL

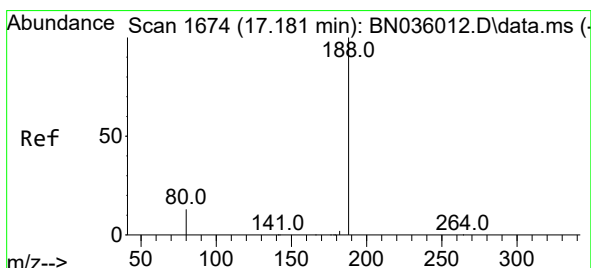
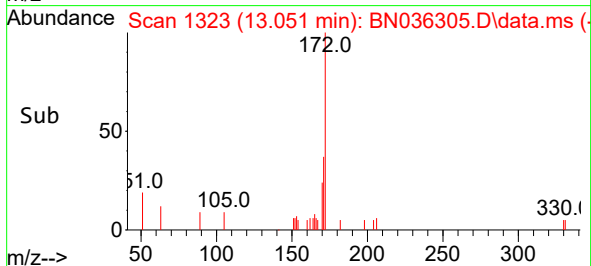
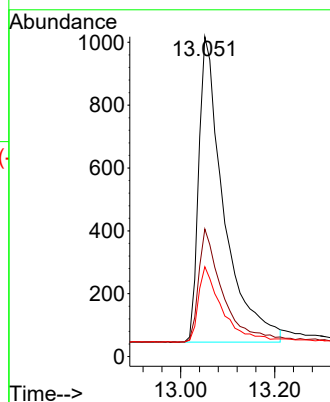
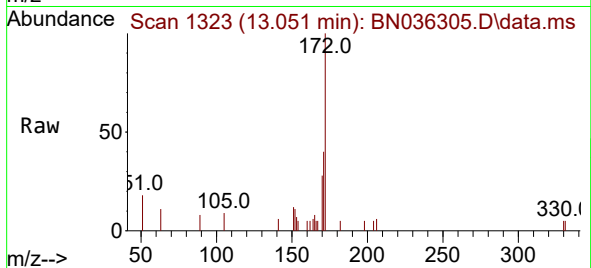
Tgt Ion:172 Resp: 3408

Ion Ratio Lower Upper

172 100

171 39.9 30.9 46.3

170 28.1 21.2 31.8



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.161 min Scan# 1686

Delta R.T. -0.000 min

Lab File: BN036305.D

Acq: 05 Feb 2025 19:59

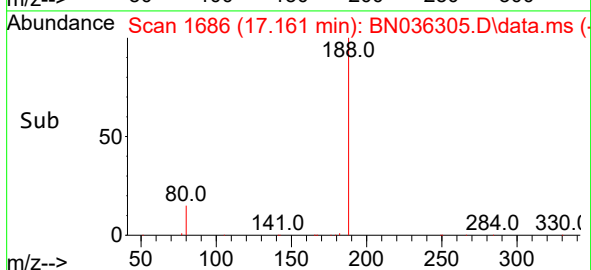
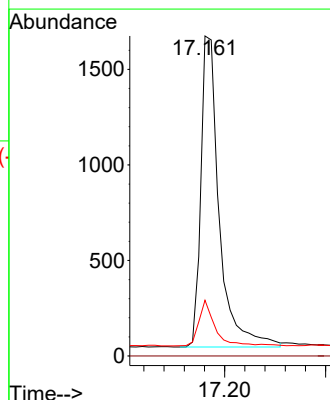
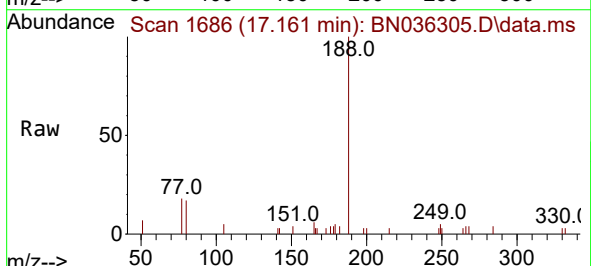
Tgt Ion:188 Resp: 4132

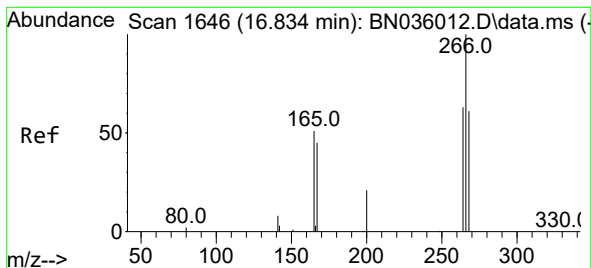
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 17.4 12.3 18.5





#24

Pentachlorophenol

Concen: 0.020 ng

RT: 16.838 min Scan# 1

Delta R.T. 0.025 min

Lab File: BN036305.D

Acq: 05 Feb 2025 19:59

Instrument :

BNA_N

ClientSampleId :

PB166470BL

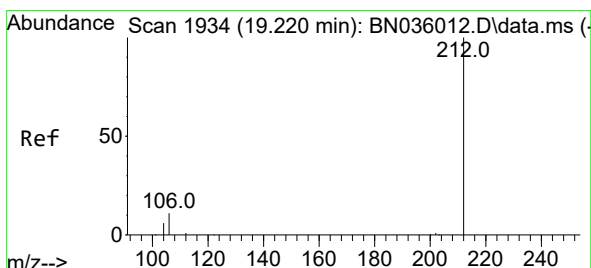
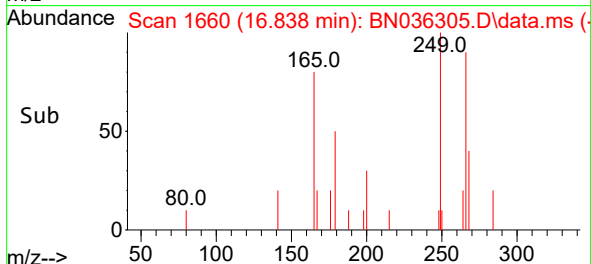
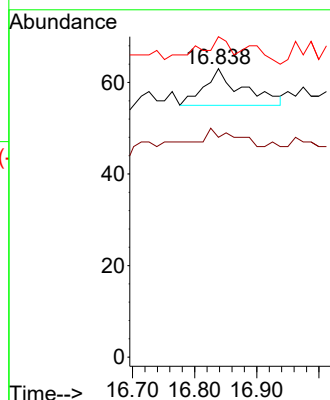
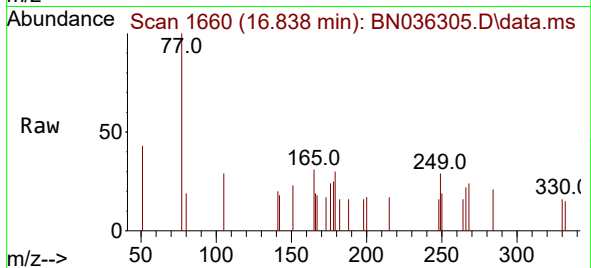
Tgt Ion:266 Resp: 34

Ion Ratio Lower Upper

266 100

264 61.8 48.2 72.2

268 32.4 51.6 77.4#



#27

Fluoranthene-d10

Concen: 0.413 ng

RT: 19.192 min Scan# 1941

Delta R.T. 0.005 min

Lab File: BN036305.D

Acq: 05 Feb 2025 19:59

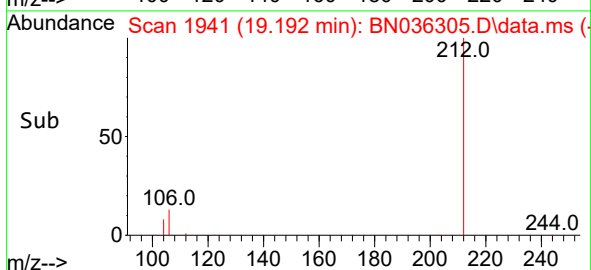
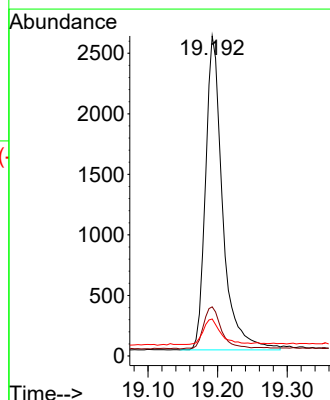
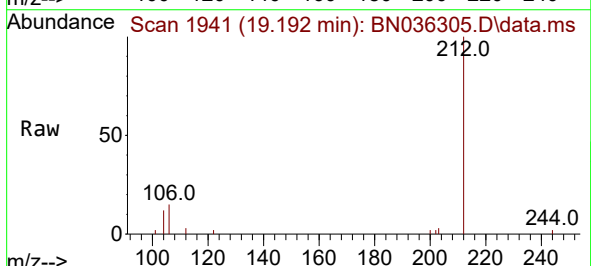
Tgt Ion:212 Resp: 4421

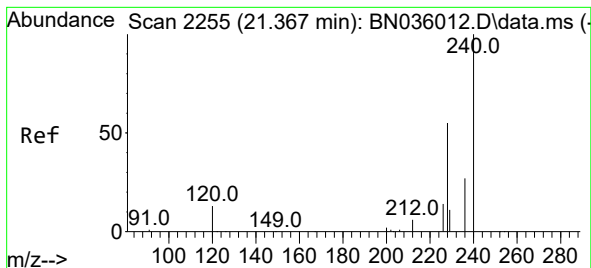
Ion Ratio Lower Upper

212 100

106 14.0 9.7 14.5

104 8.3 6.0 9.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.349 min Scan# 21

Delta R.T. 0.009 min

Lab File: BN036305.D

Acq: 05 Feb 2025 19:59

Instrument :

BNA_N

ClientSampleId :

PB166470BL

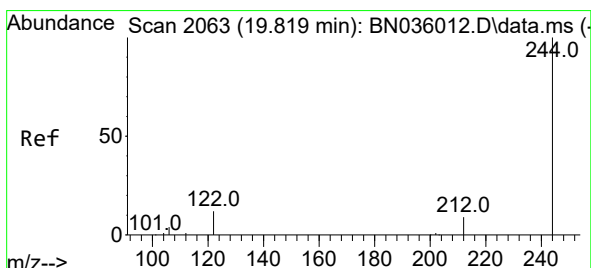
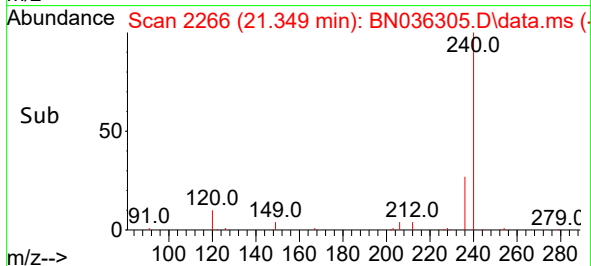
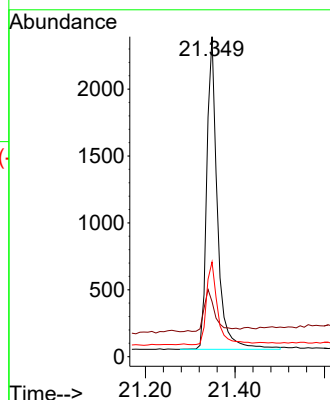
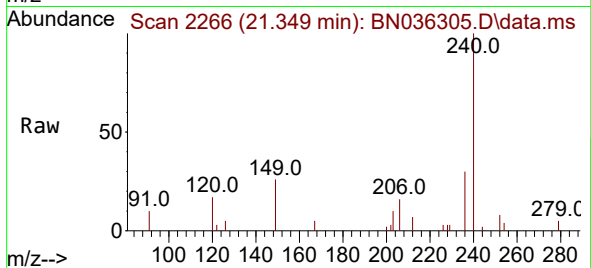
Tgt Ion:240 Resp: 3837

Ion Ratio Lower Upper

240 100

120 17.2 13.9 20.9

236 29.6 23.7 35.5



#31

Terphenyl-d14

Concen: 0.449 ng

RT: 19.791 min Scan# 2070

Delta R.T. -0.000 min

Lab File: BN036305.D

Acq: 05 Feb 2025 19:59

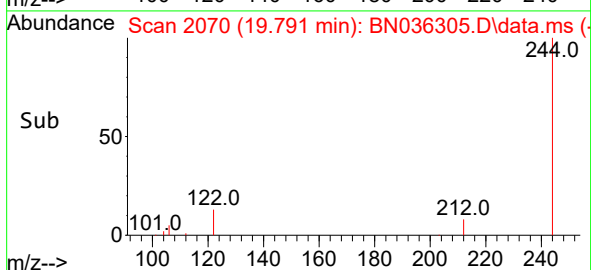
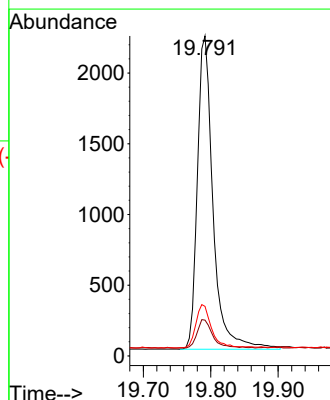
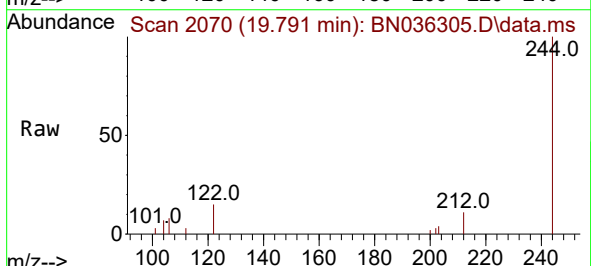
Tgt Ion:244 Resp: 3578

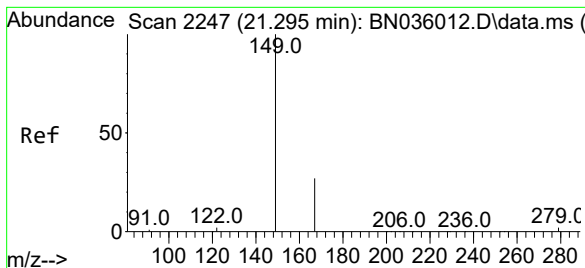
Ion Ratio Lower Upper

244 100

212 11.2 9.1 13.7

122 15.5 11.3 16.9

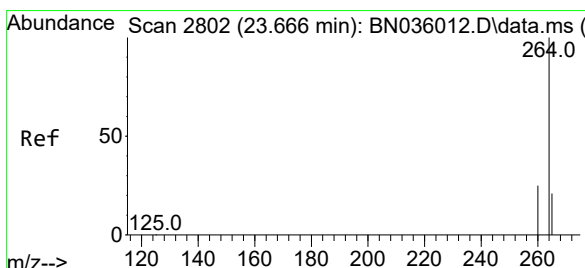
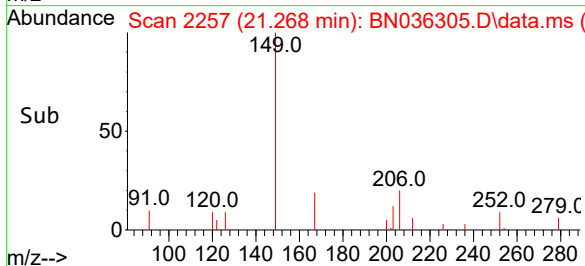
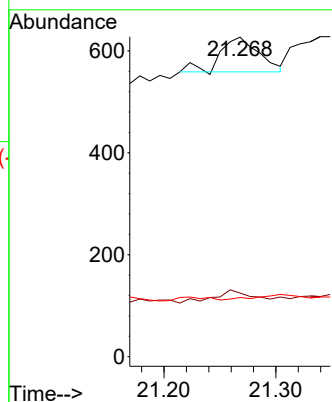
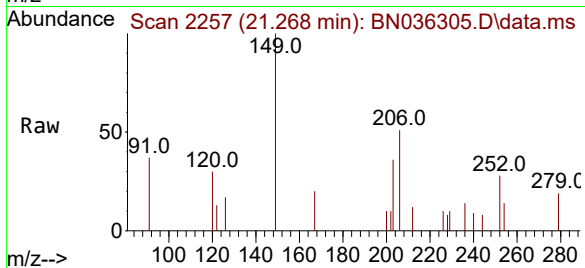




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.021 ng
RT: 21.268 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN036305.D
Acq: 05 Feb 2025 19:59

Instrument :
BNA_N
ClientSampleId :
PB166470BL

Tgt Ion:149 Resp: 162
Ion Ratio Lower Upper
149 100
167 38.3 21.9 32.9#
279 0.0 3.0 4.6#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.630 min Scan# 2803
Delta R.T. 0.003 min
Lab File: BN036305.D
Acq: 05 Feb 2025 19:59

Tgt Ion:264 Resp: 4121
Ion Ratio Lower Upper
264 100
260 27.1 21.8 32.6
265 125.0 56.6 84.8#

