

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031025\
 Data File : BN036565.D
 Acq On : 10 Mar 2025 17:14
 Operator : RC/JU
 Sample : PB167057BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB167057BL

Quant Time: Mar 10 17:40:08 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

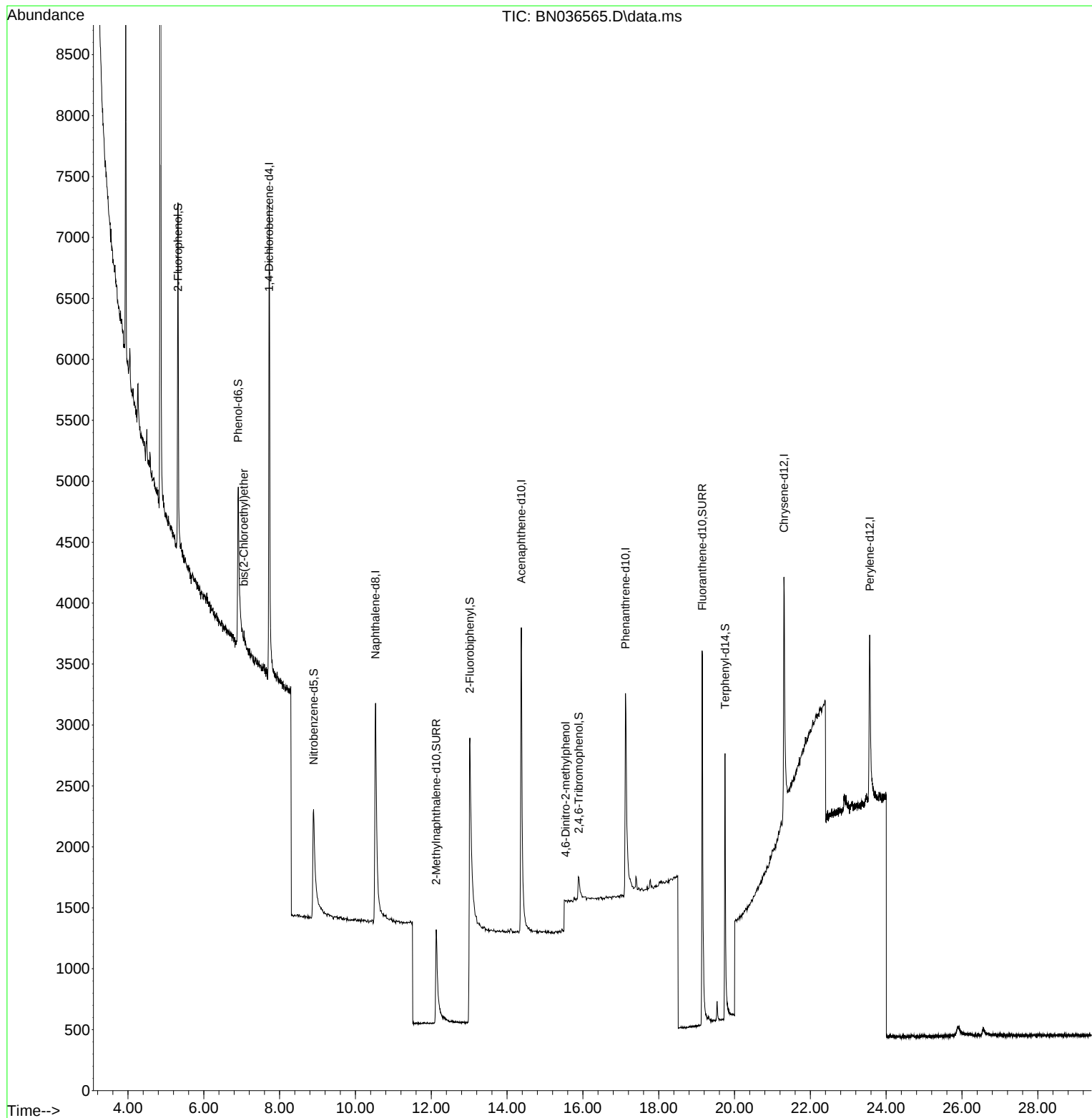
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	2263	0.400	ng	0.00
7) Naphthalene-d8	10.530	136	4575	0.400	ng	0.02
13) Acenaphthene-d10	14.377	164	2489	0.400	ng	0.01
19) Phenanthrene-d10	17.124	188	4335	0.400	ng	# 0.01
29) Chrysene-d12	21.304	240	2994	0.400	ng	# 0.00
35) Perylene-d12	23.566	264	2724	0.400	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	2195	0.416	ng	0.00
5) Phenol-d6	6.908	99	2113	0.324	ng	0.00
8) Nitrobenzene-d5	8.897	82	1776	0.357	ng	0.02
11) 2-Methylnaphthalene-d10	12.131	152	2495	0.367	ng	0.02
14) 2,4,6-Tribromophenol	15.895	330	247	0.219	ng	0.04
15) 2-Fluorobiphenyl	13.019	172	3388	0.234	ng	0.03
27) Fluoranthene-d10	19.150	212	4890	0.440	ng	0.00
31) Terphenyl-d14	19.750	244	3090	0.431	ng	0.00
Target Compounds						
6) bis(2-Chloroethyl)ether	7.060	93	136	0.020	ng	# 21
20) 4,6-Dinitro-2-methylph...	15.547	198	1	0.147	ng	# 1

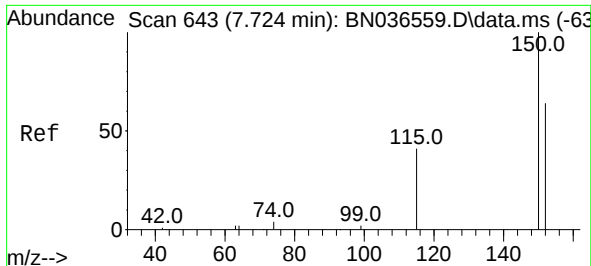
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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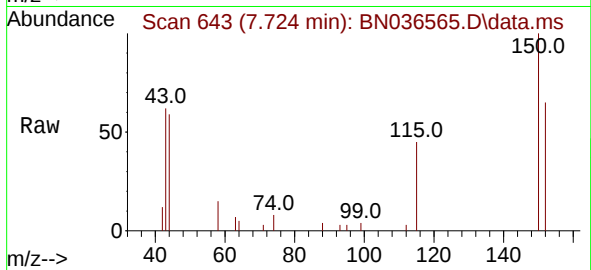
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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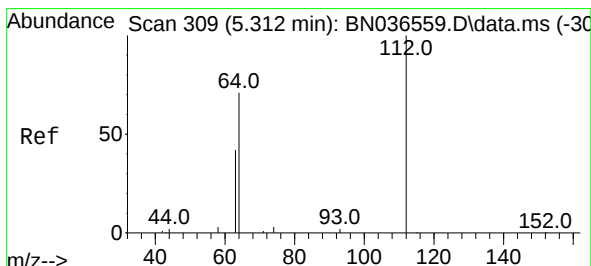
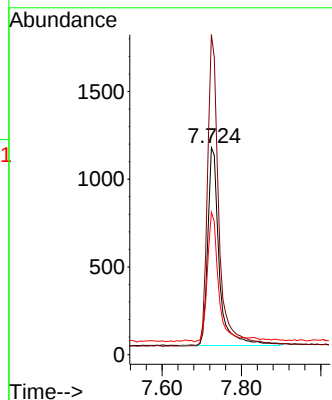
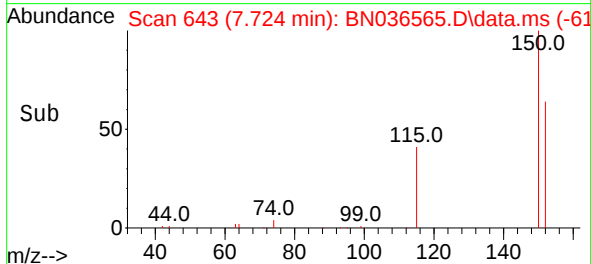


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.724 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN036565.D
Acq: 10 Mar 2025 17:14

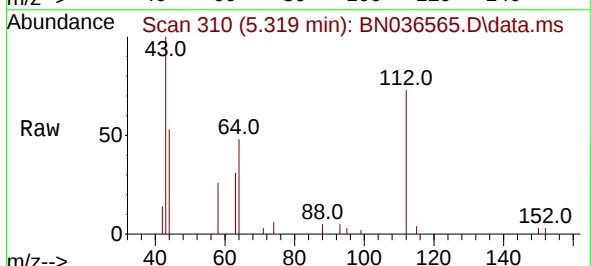
Instrument :
BNA_N
ClientSampleId :
PB167057BL



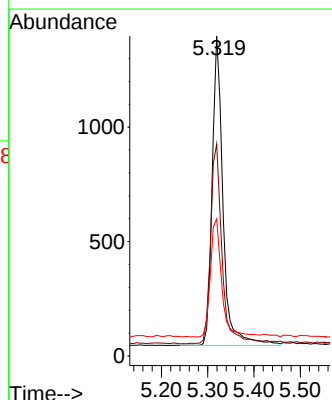
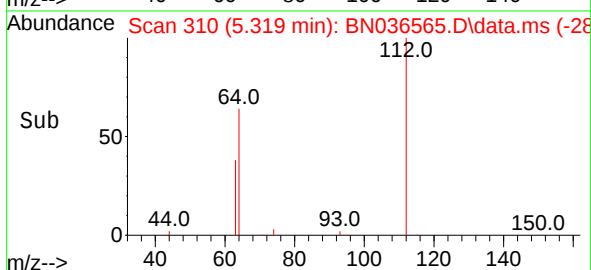
Tgt Ion:152 Resp: 2263
Ion Ratio Lower Upper
152 100
150 154.6 123.7 185.5
115 68.8 54.3 81.5

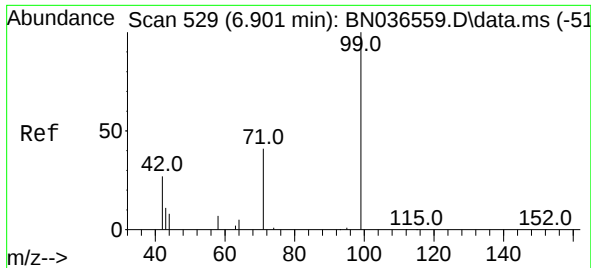


#4
2-Fluorophenol
Concen: 0.416 ng
RT: 5.319 min Scan# 310
Delta R.T. 0.007 min
Lab File: BN036565.D
Acq: 10 Mar 2025 17:14



Tgt Ion:112 Resp: 2195
Ion Ratio Lower Upper
112 100
64 69.1 53.1 79.7
63 40.1 31.8 47.8

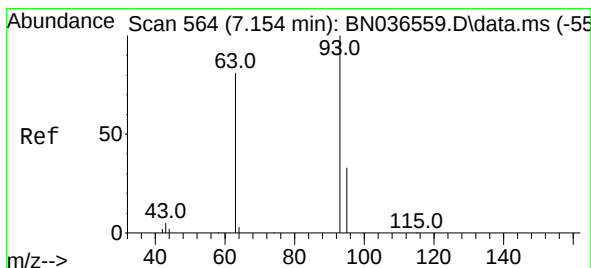
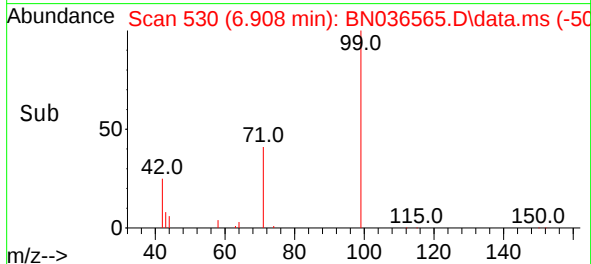
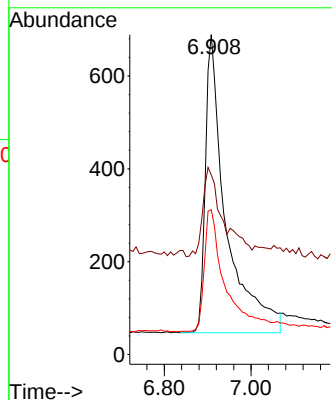
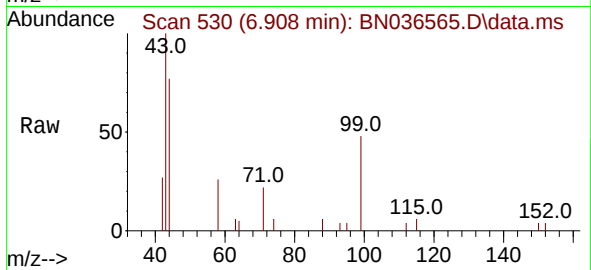




#5
Phenol-d6
Concen: 0.324 ng
RT: 6.908 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN036565.D
Acq: 10 Mar 2025 17:14

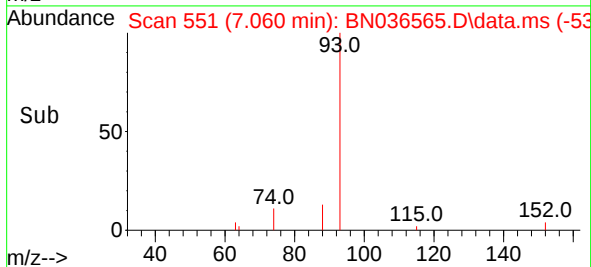
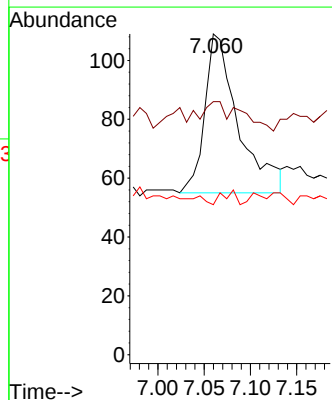
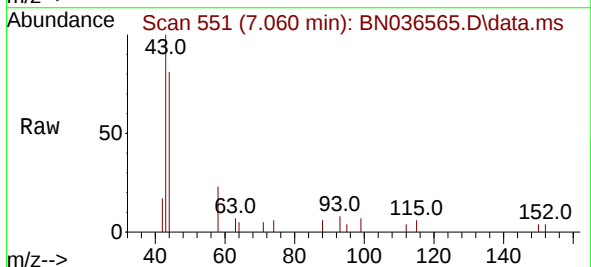
Instrument :
BNA_N
ClientSampleId :
PB167057BL

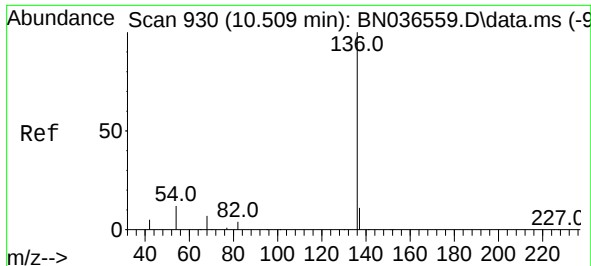
Tgt Ion: 99 Resp: 2113
Ion Ratio Lower Upper
99 100
42 29.4 26.5 39.7
71 42.5 34.1 51.1



#6
bis(2-Chloroethyl)ether
Concen: 0.020 ng
RT: 7.060 min Scan# 551
Delta R.T. -0.094 min
Lab File: BN036565.D
Acq: 10 Mar 2025 17:14

Tgt Ion: 93 Resp: 136
Ion Ratio Lower Upper
93 100
63 5.9 67.7 101.5#
95 0.0 25.6 38.4#

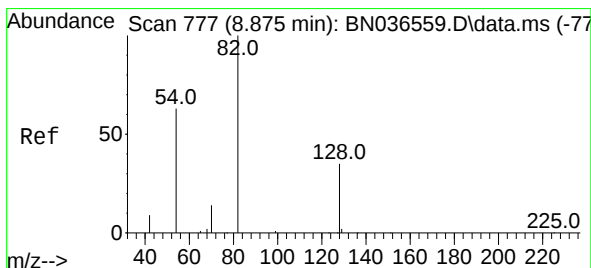
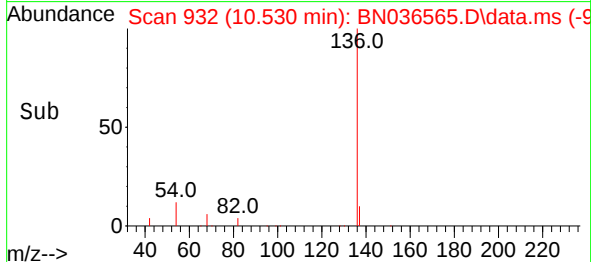
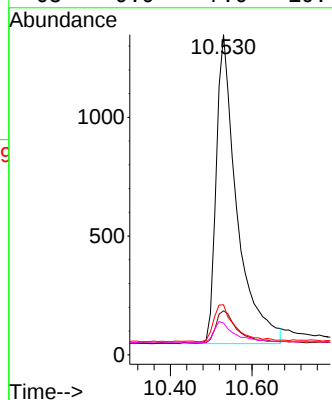
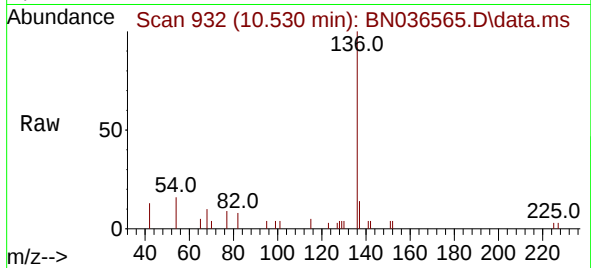




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.530 min Scan# 91
Delta R.T. 0.021 min
Lab File: BN036565.D
Acq: 10 Mar 2025 17:14

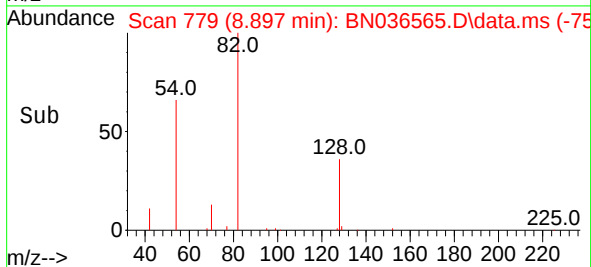
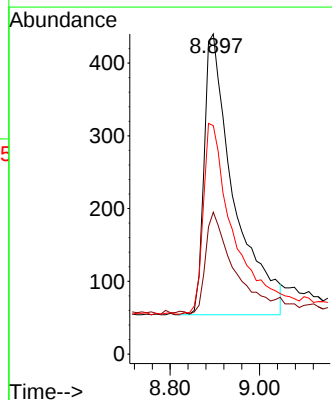
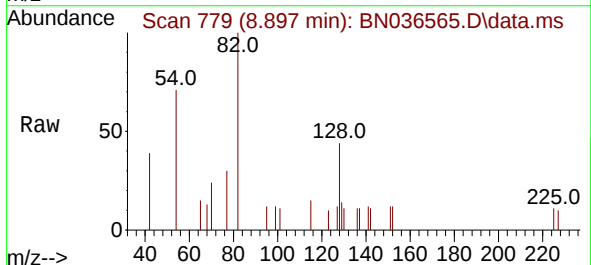
Instrument :
BNA_N
ClientSampleId :
PB167057BL

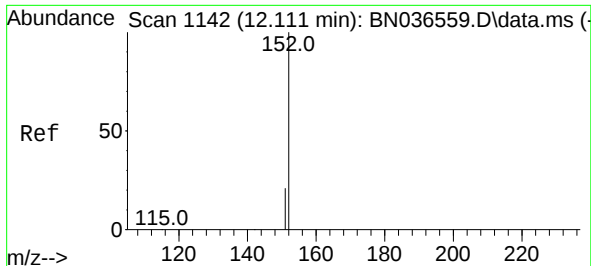
Tgt Ion:	136	Resp:	4575
Ion Ratio	Lower	Upper	
136	100		
137	13.7	10.3	15.5
54	15.7	11.5	17.3
68	9.9	7.0	10.4



#8
Nitrobenzene-d5
Concen: 0.357 ng
RT: 8.897 min Scan# 779
Delta R.T. 0.021 min
Lab File: BN036565.D
Acq: 10 Mar 2025 17:14

Tgt Ion:	82	Resp:	1776
Ion Ratio	Lower	Upper	
82	100		
128	44.3	30.6	45.8
54	71.4	52.2	78.4





#11

2-Methylnaphthalene-d10

Concen: 0.367 ng

RT: 12.131 min Scan# 1146

Delta R.T. 0.020 min

Lab File: BN036565.D

Acq: 10 Mar 2025 17:14

Instrument :

BNA_N

ClientSampleId :

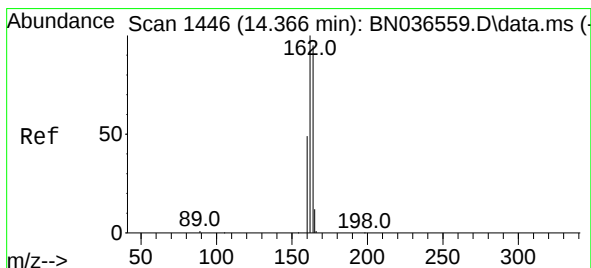
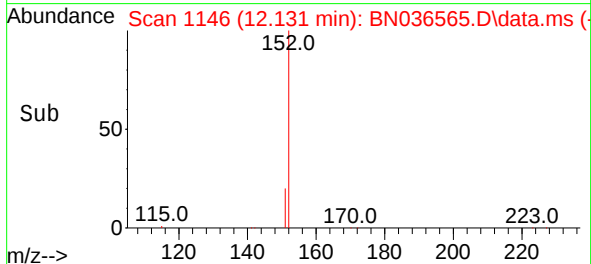
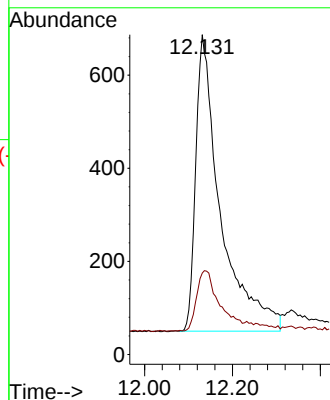
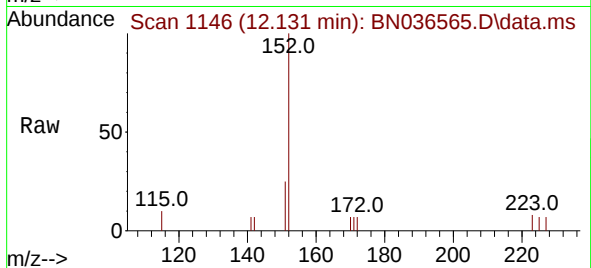
PB167057BL

Tgt Ion:152 Resp: 2495

Ion Ratio Lower Upper

152 100

151 18.7 17.0 25.6



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.377 min Scan# 1447

Delta R.T. 0.011 min

Lab File: BN036565.D

Acq: 10 Mar 2025 17:14

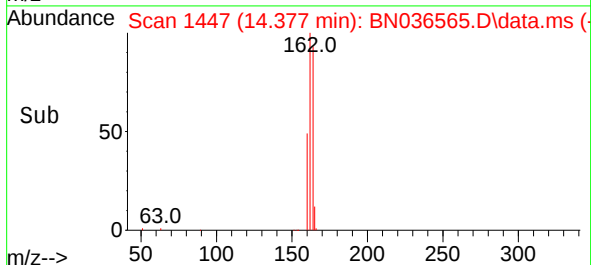
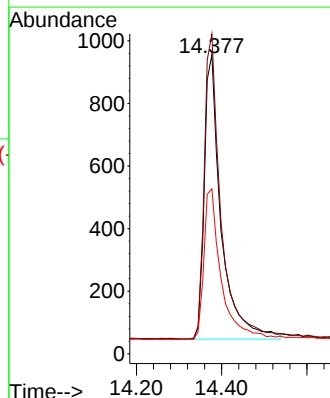
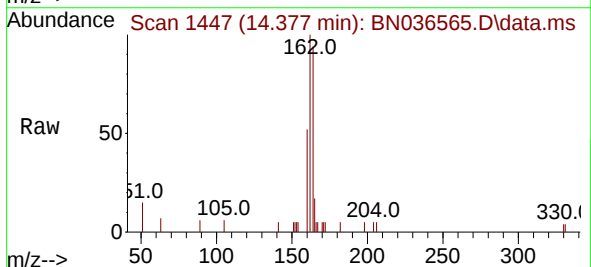
Tgt Ion:164 Resp: 2489

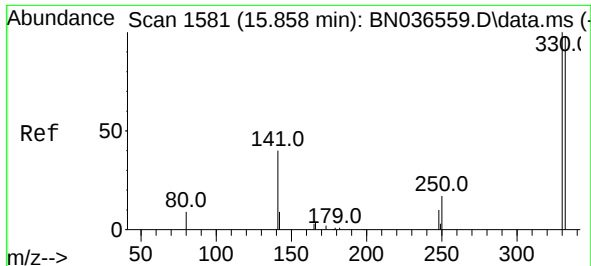
Ion Ratio Lower Upper

164 100

162 106.9 84.2 126.2

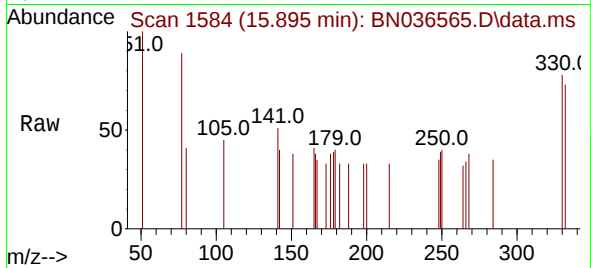
160 55.1 42.2 63.2



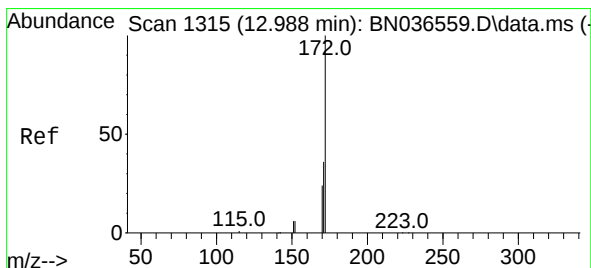
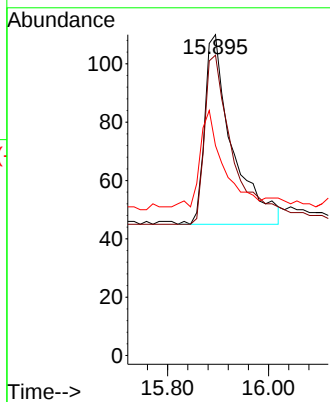
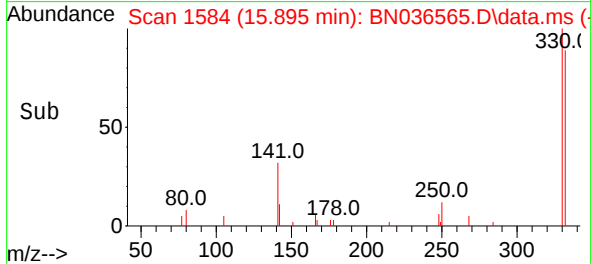


#14
2,4,6-Tribromophenol
Concen: 0.219 ng
RT: 15.895 min Scan# 1584
Delta R.T. 0.037 min
Lab File: BN036565.D
Acq: 10 Mar 2025 17:14

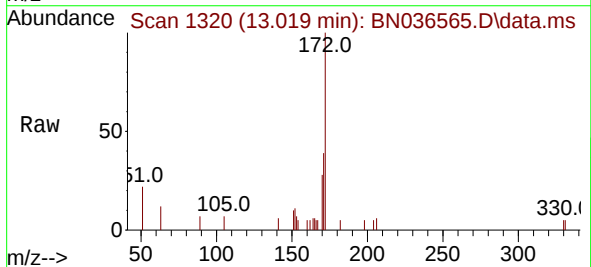
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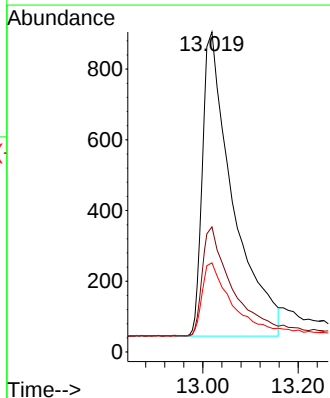
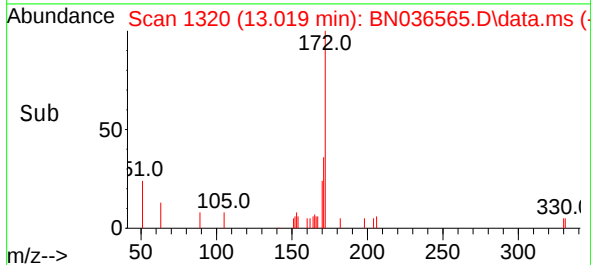
Tgt Ion:330 Resp: 247
Ion Ratio Lower Upper
330 100
332 91.1 75.2 112.8
141 42.5 43.4 65.2#

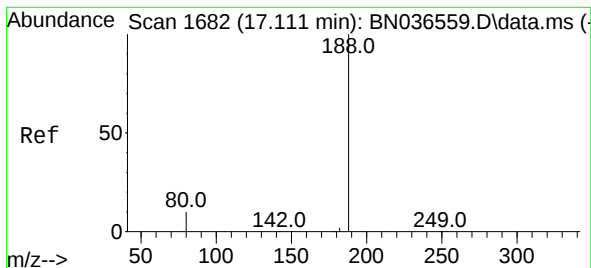


#15
2-Fluorobiphenyl
Concen: 0.234 ng
RT: 13.019 min Scan# 1320
Delta R.T. 0.031 min
Lab File: BN036565.D
Acq: 10 Mar 2025 17:14



Tgt Ion:172 Resp: 3388
Ion Ratio Lower Upper
172 100
171 39.1 29.5 44.3
170 27.8 20.2 30.4





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.124 min Scan# 1

Delta R.T. 0.012 min

Lab File: BN036565.D

Acq: 10 Mar 2025 17:14

Instrument :

BNA_N

ClientSampleId :

PB167057BL

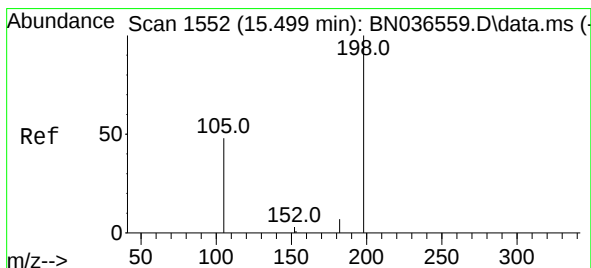
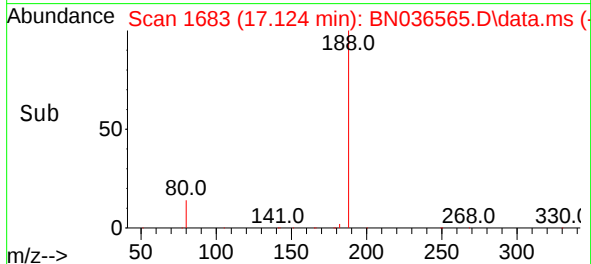
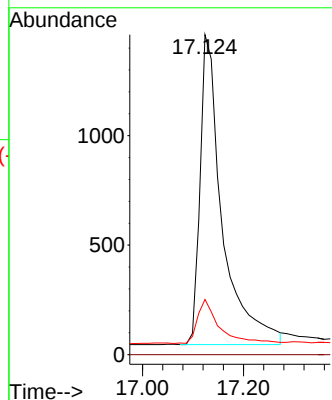
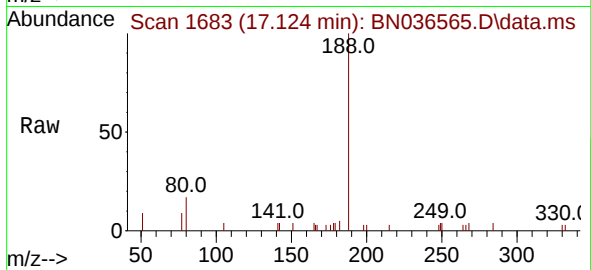
Tgt Ion:188 Resp: 4335

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 17.2 8.8 13.2#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.147 ng

RT: 15.547 min Scan# 1556

Delta R.T. 0.048 min

Lab File: BN036565.D

Acq: 10 Mar 2025 17:14

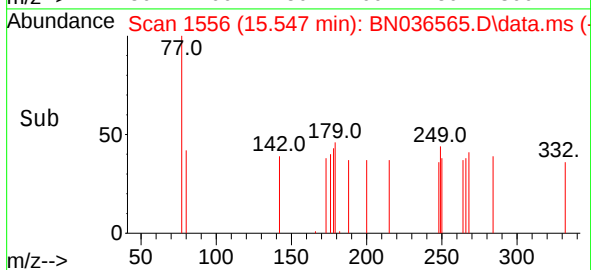
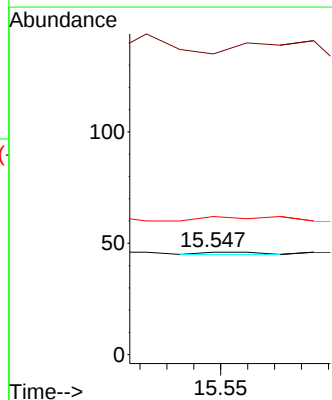
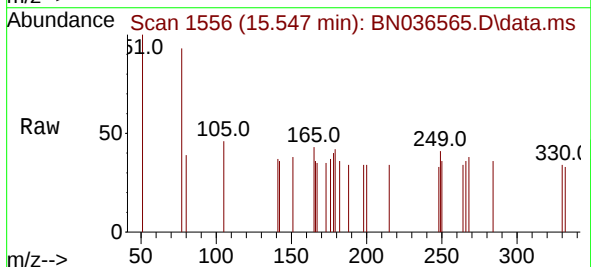
Tgt Ion:198 Resp: 1

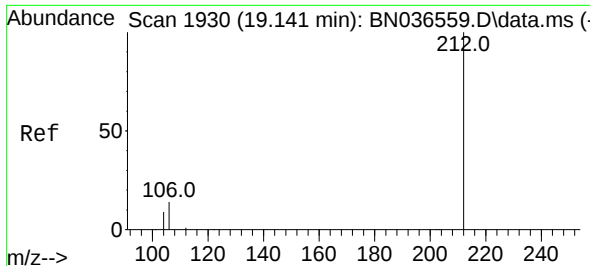
Ion Ratio Lower Upper

198 100

51 293.5 107.9 161.9#

105 134.8 56.2 84.2#

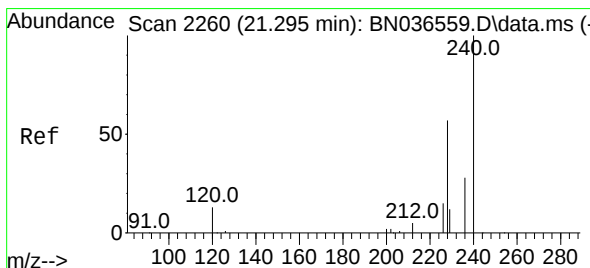
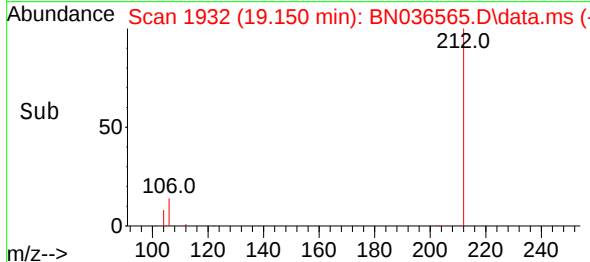
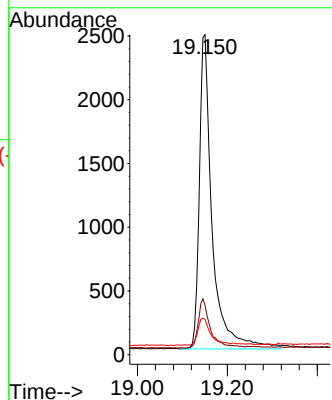
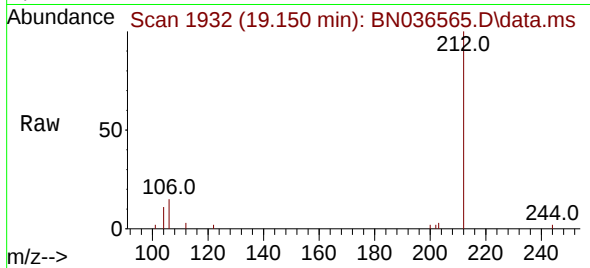




#27
Fluoranthene-d10
Concen: 0.440 ng
RT: 19.150 min Scan# 1932
Delta R.T. 0.009 min
Lab File: BN036565.D
Acq: 10 Mar 2025 17:14

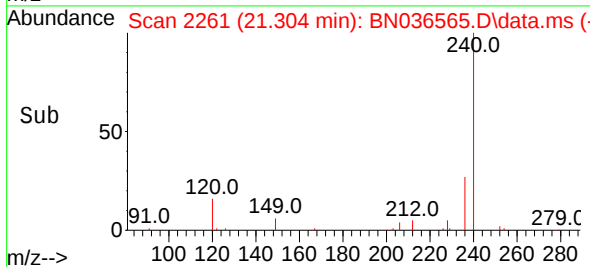
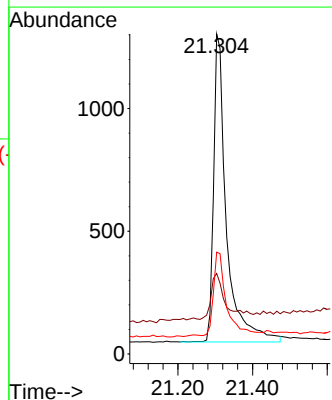
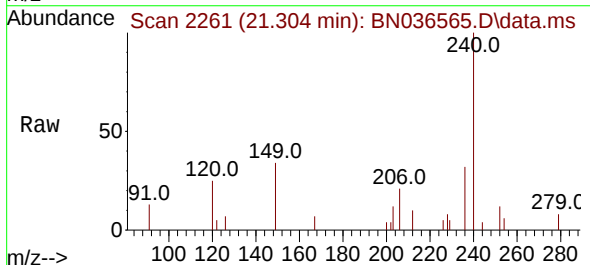
Instrument :
BNA_N
ClientSampleId :
PB167057BL

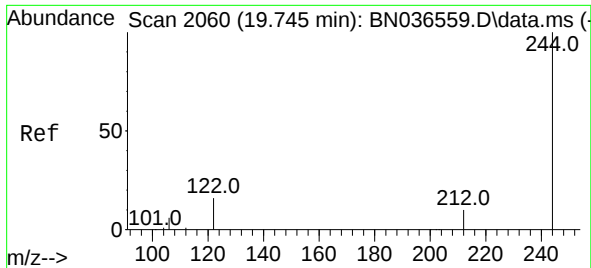
Tgt Ion:212 Resp: 4890
Ion Ratio Lower Upper
212 100
106 14.6 11.8 17.6
104 8.6 7.3 10.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.304 min Scan# 2261
Delta R.T. 0.009 min
Lab File: BN036565.D
Acq: 10 Mar 2025 17:14

Tgt Ion:240 Resp: 2994
Ion Ratio Lower Upper
240 100
120 25.2 14.6 22.0#
236 31.8 24.1 36.1

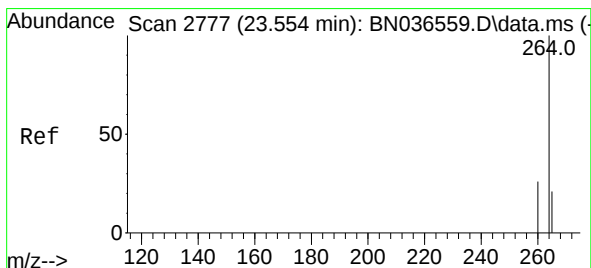
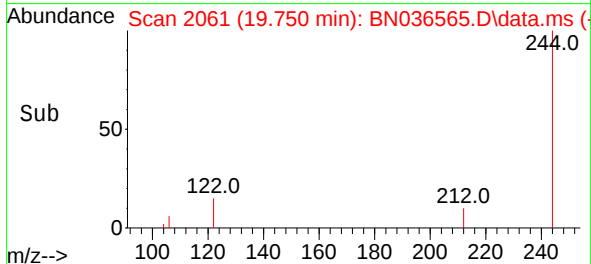
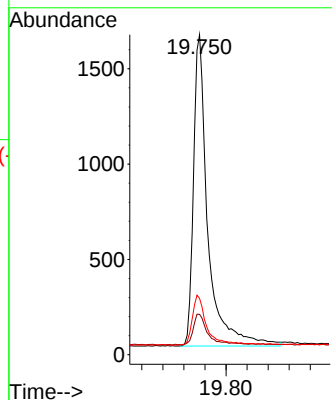
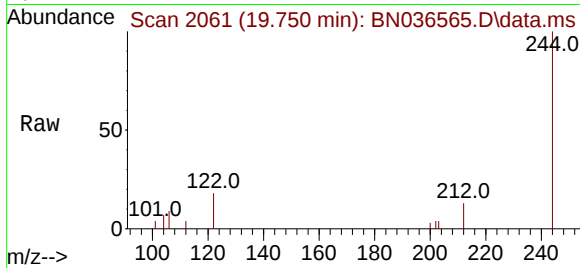




#31
 Terphenyl-d14
 Concen: 0.431 ng
 RT: 19.750 min Scan# 2061
 Delta R.T. 0.005 min
 Lab File: BN036565.D
 Acq: 10 Mar 2025 17:14

Instrument :
 BNA_N
 ClientSampleId :
 PB167057BL

Tgt Ion:244 Resp: 3090
 Ion Ratio Lower Upper
 244 100
 212 12.6 9.6 14.4
 122 17.6 13.9 20.9



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.566 min Scan# 2781
 Delta R.T. 0.012 min
 Lab File: BN036565.D
 Acq: 10 Mar 2025 17:14

Tgt Ion:264 Resp: 2724
 Ion Ratio Lower Upper
 264 100
 260 27.3 22.6 33.8
 265 155.0 88.1 132.1#

