

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031125\
 Data File : BN036575.D
 Acq On : 11 Mar 2025 10:44
 Operator : RC/JU
 Sample : PB167057BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB167057BL

Quant Time: Mar 11 11:18:32 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	2752	0.400	ng	0.00
7) Naphthalene-d8	10.530	136	5637	0.400	ng	0.02
13) Acenaphthene-d10	14.366	164	3068	0.400	ng	0.00
19) Phenanthrene-d10	17.123	188	5240	0.400	ng	# 0.01
29) Chrysene-d12	21.303	240	3547	0.400	ng	0.00
35) Perylene-d12	23.557	264	3179	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	2723	0.425	ng	0.00
5) Phenol-d6	6.901	99	2656	0.335	ng	0.00
8) Nitrobenzene-d5	8.886	82	2252	0.367	ng	0.01
11) 2-Methylnaphthalene-d10	12.131	152	3058	0.365	ng	0.02
14) 2,4,6-Tribromophenol	15.882	330	237	0.170	ng	0.02
15) 2-Fluorobiphenyl	13.008	172	4404	0.247	ng	0.02
27) Fluoranthene-d10	19.150	212	5766	0.429	ng	0.00
31) Terphenyl-d14	19.749	244	3663	0.431	ng	0.00

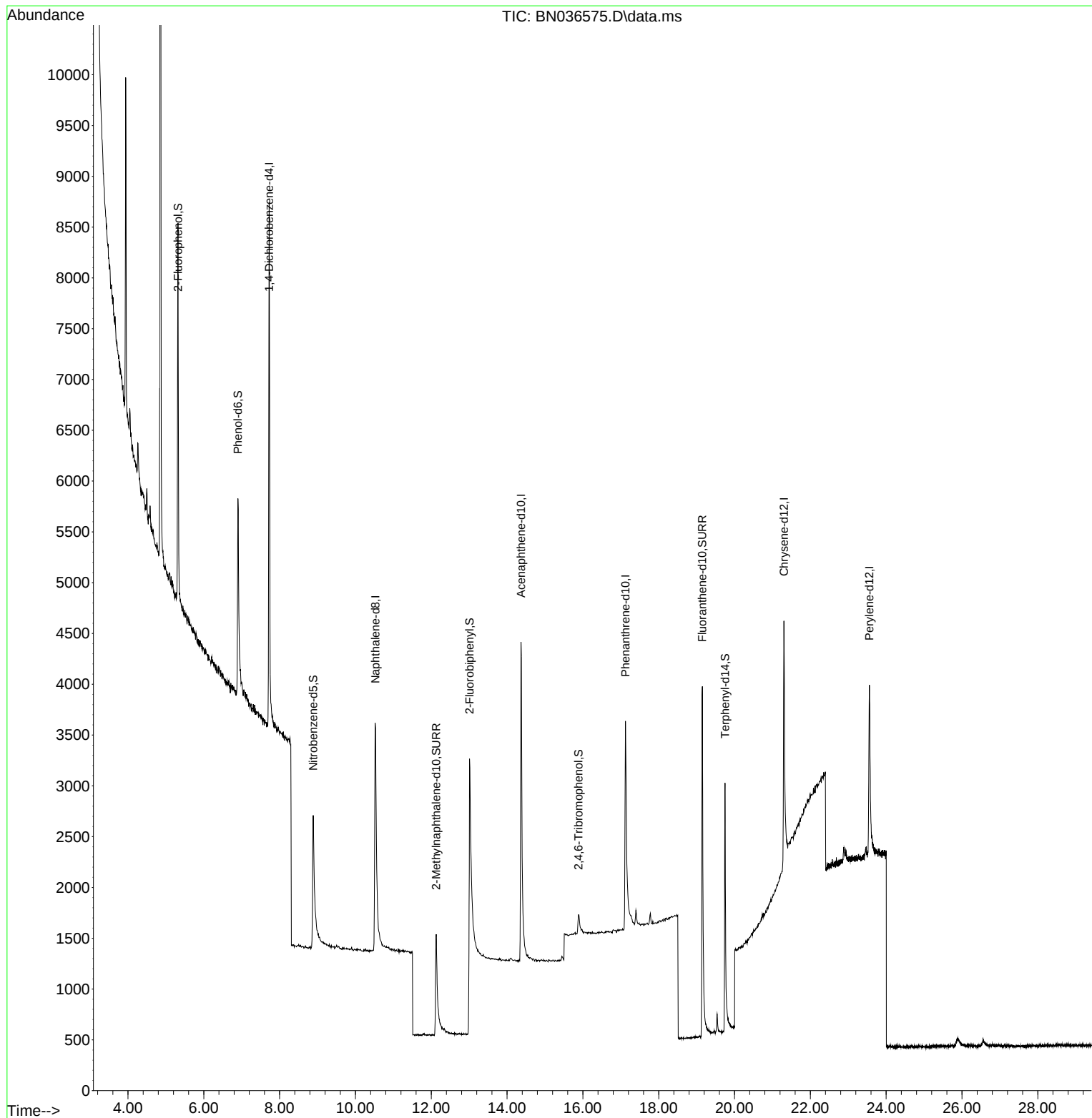
Target Compounds Qvalue

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

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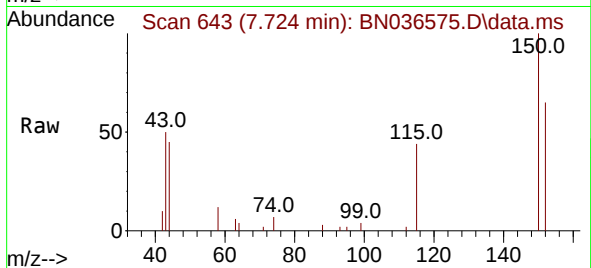
Quant Time: Mar 11 11:18:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
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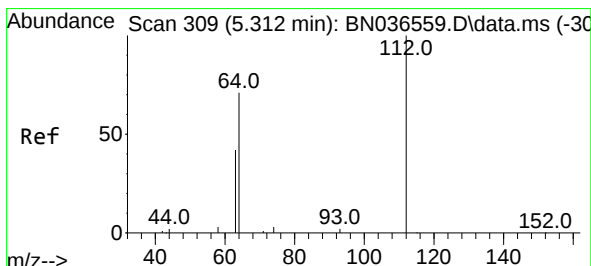
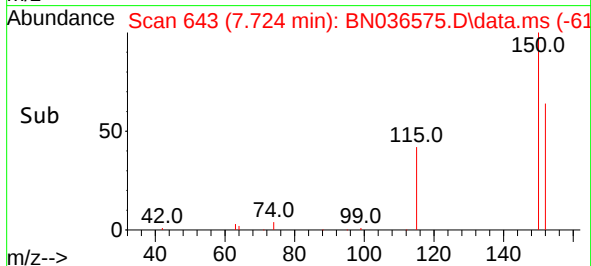
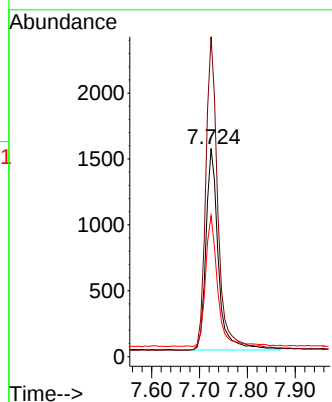
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN036575.D
 Acq: 11 Mar 2025 10:44

Instrument :
 BNA_N
 ClientSampleId :
 PB167057BL



Tgt Ion:152 Resp: 2752

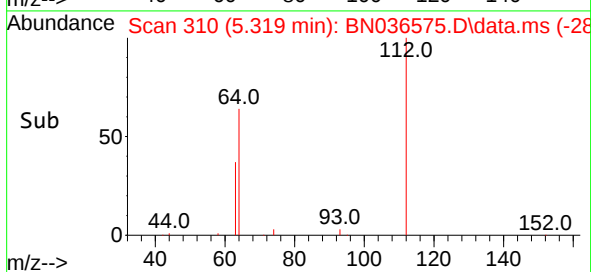
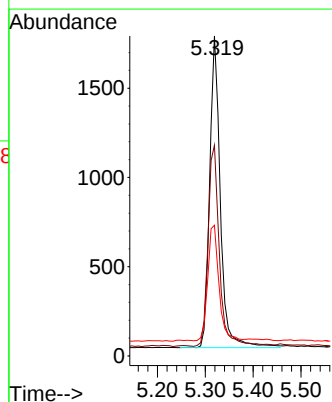
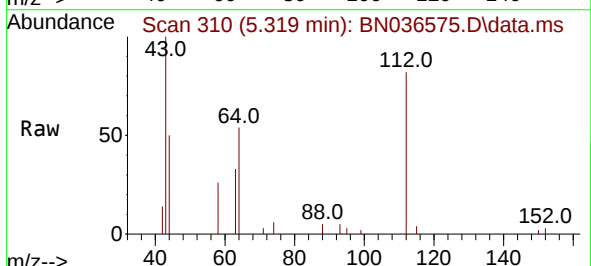
Ion	Ratio	Lower	Upper
152	100		
150	153.8	123.7	185.5
115	67.8	54.3	81.5



#4
 2-Fluorophenol
 Concen: 0.425 ng
 RT: 5.319 min Scan# 310
 Delta R.T. 0.007 min
 Lab File: BN036575.D
 Acq: 11 Mar 2025 10:44

Tgt Ion:112 Resp: 2723

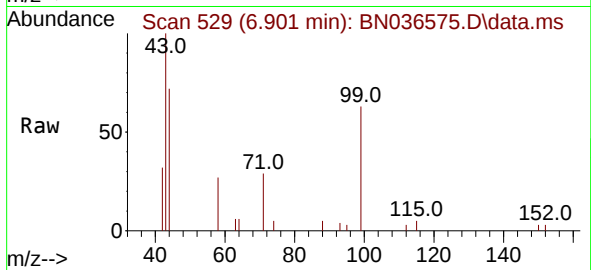
Ion	Ratio	Lower	Upper
112	100		
64	68.2	53.1	79.7
63	38.6	31.8	47.8



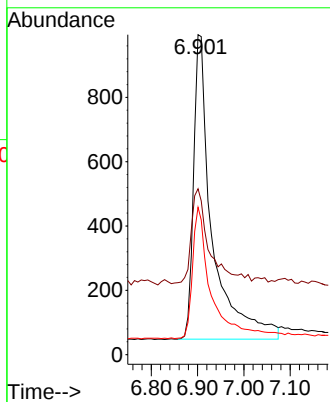
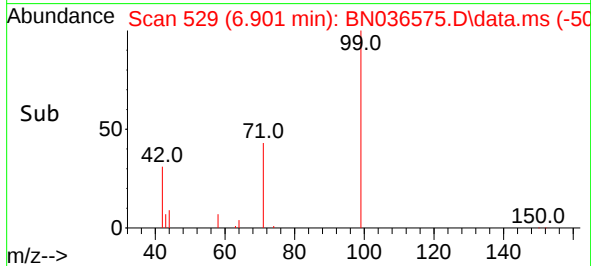


#5
Phenol-d6
Concen: 0.335 ng
RT: 6.901 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN036575.D
Acq: 11 Mar 2025 10:44

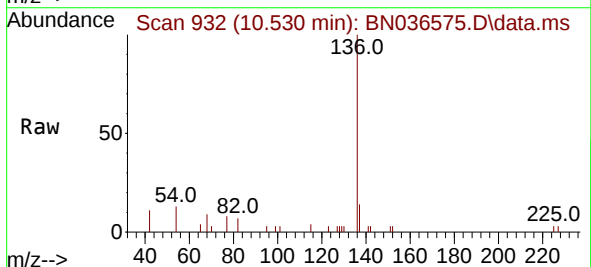
Instrument :
BNA_N
ClientSampleId :
PB167057BL



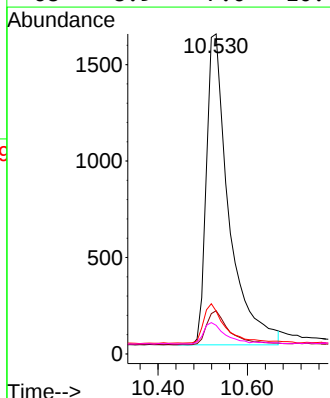
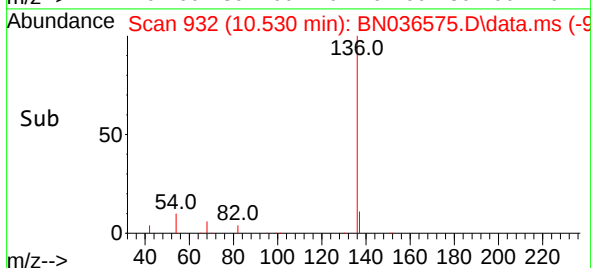
Tgt Ion: 99 Resp: 2656
Ion Ratio Lower Upper
99 100
42 29.9 26.5 39.7
71 43.6 34.1 51.1

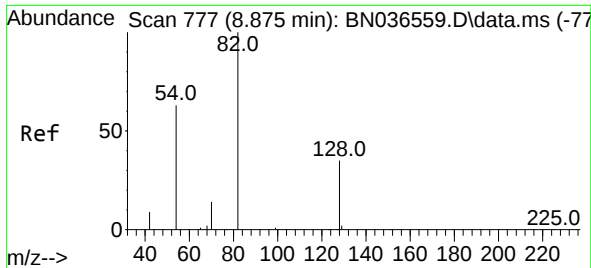


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.530 min Scan# 932
Delta R.T. 0.021 min
Lab File: BN036575.D
Acq: 11 Mar 2025 10:44



Tgt Ion: 136 Resp: 5637
Ion Ratio Lower Upper
136 100
137 13.5 10.3 15.5
54 13.4 11.5 17.3
68 8.9 7.0 10.4

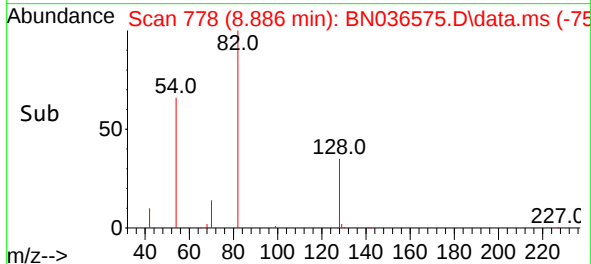
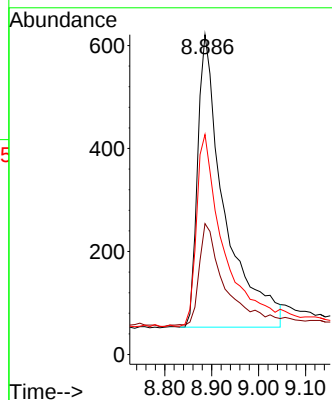
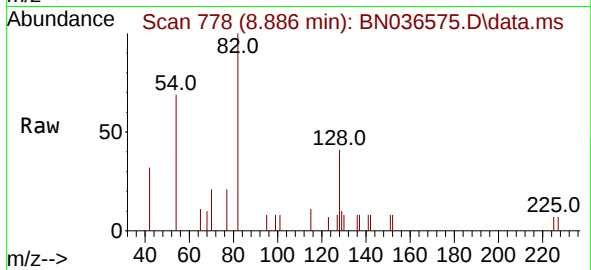




#8
 Nitrobenzene-d5
 Concen: 0.367 ng
 RT: 8.886 min Scan# 71
 Delta R.T. 0.010 min
 Lab File: BN036575.D
 Acq: 11 Mar 2025 10:44

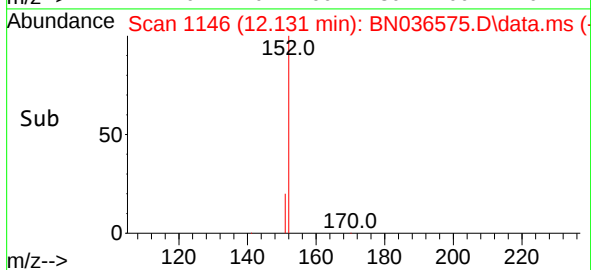
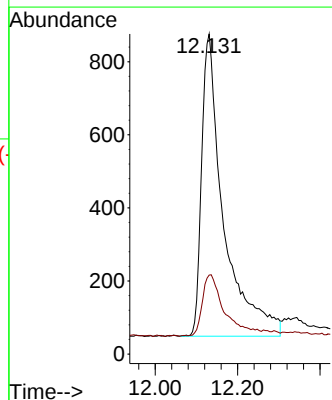
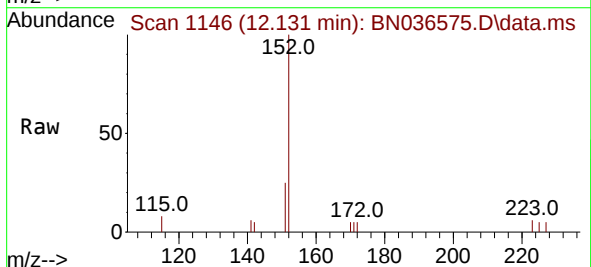
Instrument :
 BNA_N
 ClientSampleId :
 PB167057BL

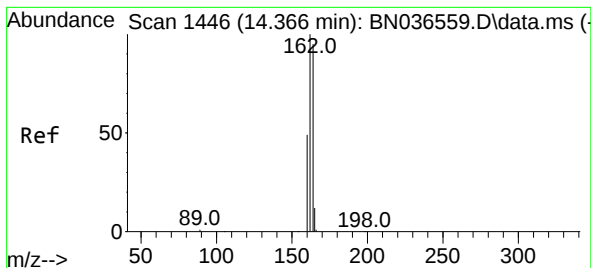
Tgt Ion: 82 Resp: 2252
 Ion Ratio Lower Upper
 82 100
 128 40.9 30.6 45.8
 54 68.8 52.2 78.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.365 ng
 RT: 12.131 min Scan# 1146
 Delta R.T. 0.020 min
 Lab File: BN036575.D
 Acq: 11 Mar 2025 10:44

Tgt Ion: 152 Resp: 3058
 Ion Ratio Lower Upper
 152 100
 151 20.4 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: BN036575.D

Acq: 11 Mar 2025 10:44

Instrument :

BNA_N

ClientSampleId :

PB167057BL

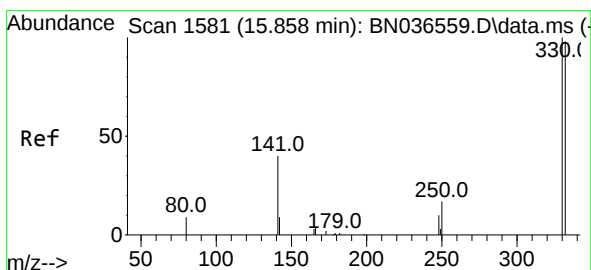
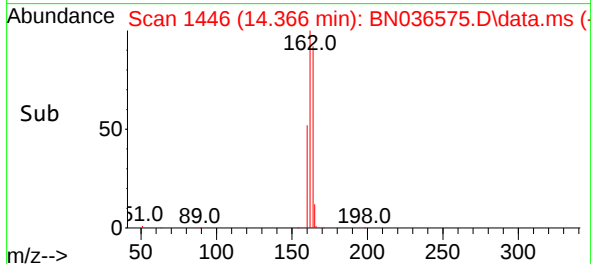
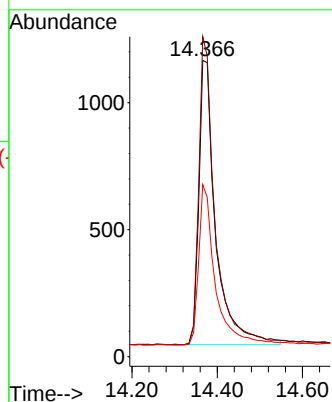
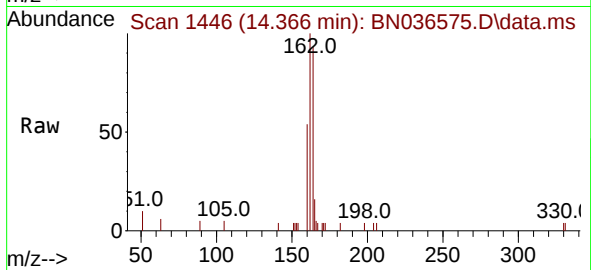
Tgt Ion:164 Resp: 3068

Ion Ratio Lower Upper

164 100

162 108.1 84.2 126.2

160 58.1 42.2 63.2



#14

2,4,6-Tribromophenol

Concen: 0.170 ng

RT: 15.882 min Scan# 1583

Delta R.T. 0.025 min

Lab File: BN036575.D

Acq: 11 Mar 2025 10:44

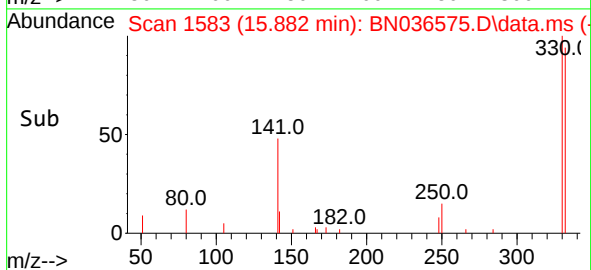
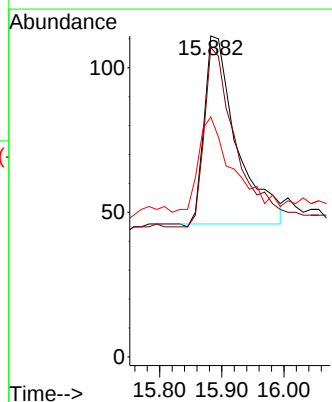
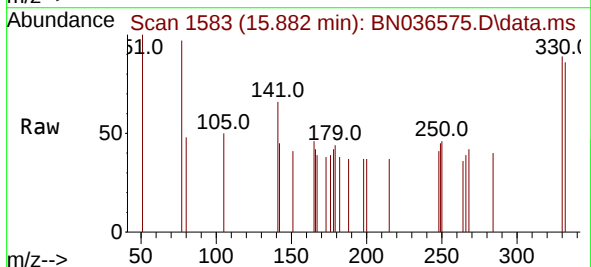
Tgt Ion:330 Resp: 237

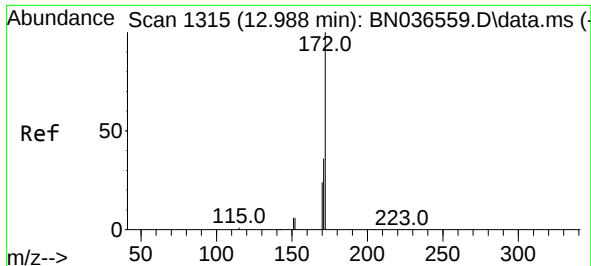
Ion Ratio Lower Upper

330 100

332 95.4 75.2 112.8

141 54.4 43.4 65.2





#15

2-Fluorobiphenyl

Concen: 0.247 ng

RT: 13.008 min Scan# 1315

Delta R.T. 0.020 min

Lab File: BN036575.D

Acq: 11 Mar 2025 10:44

Instrument :

BNA_N

ClientSampleId :

PB167057BL

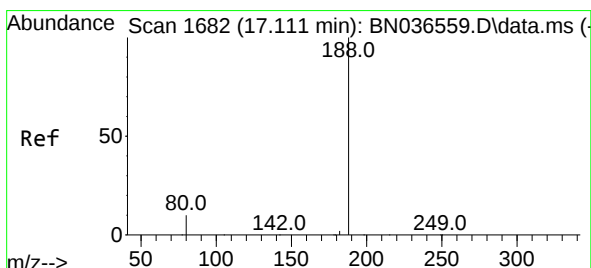
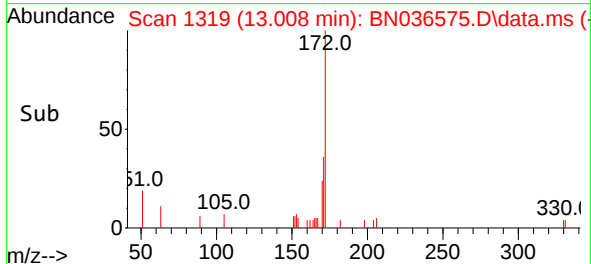
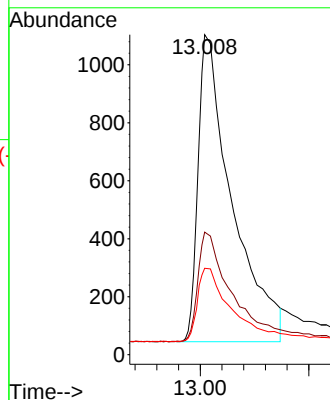
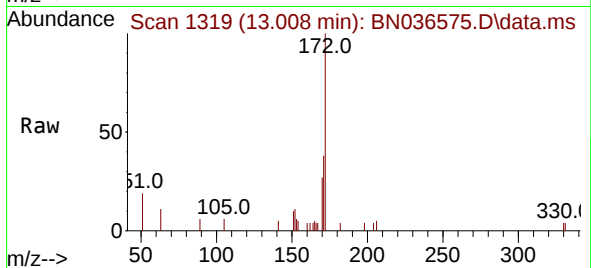
Tgt Ion:172 Resp: 4404

Ion Ratio Lower Upper

172 100

171 38.3 29.5 44.3

170 27.0 20.2 30.4



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.123 min Scan# 1683

Delta R.T. 0.012 min

Lab File: BN036575.D

Acq: 11 Mar 2025 10:44

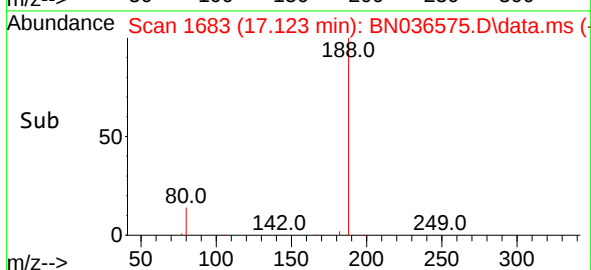
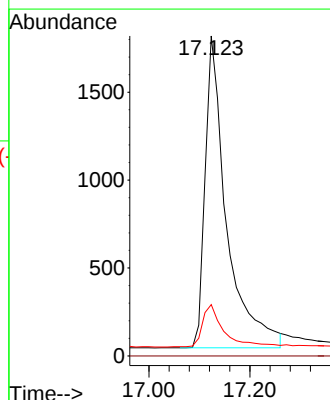
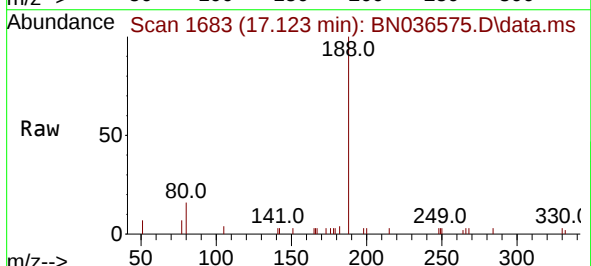
Tgt Ion:188 Resp: 5240

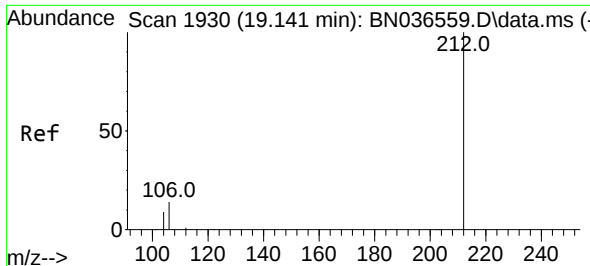
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 16.0 8.8 13.2#

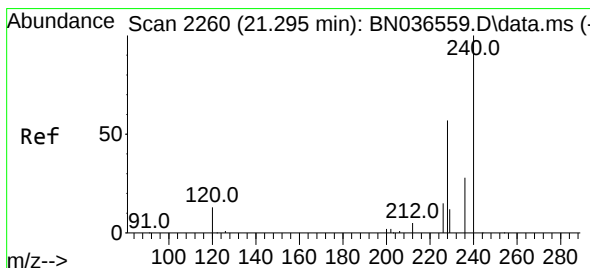
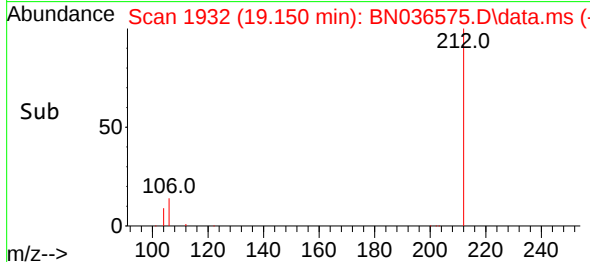
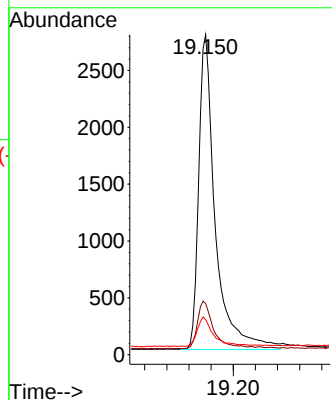
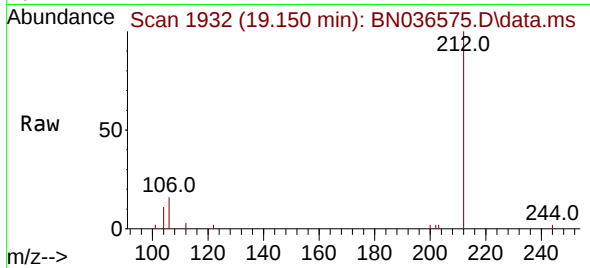




#27
Fluoranthene-d10
Concen: 0.429 ng
RT: 19.150 min Scan# 1932
Delta R.T. 0.009 min
Lab File: BN036575.D
Acq: 11 Mar 2025 10:44

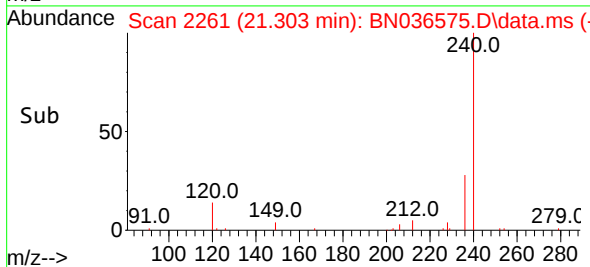
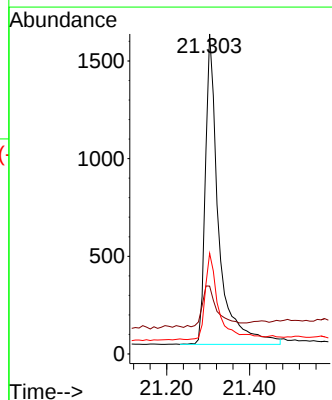
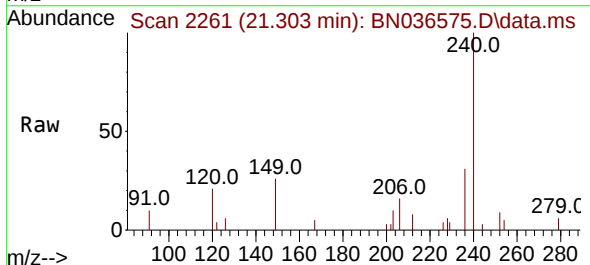
Instrument :
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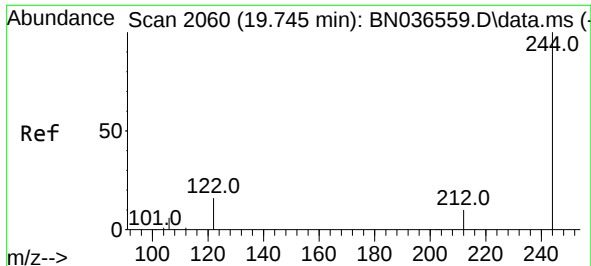
Tgt Ion:212 Resp: 5766
Ion Ratio Lower Upper
212 100
106 14.7 11.8 17.6
104 9.2 7.3 10.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.303 min Scan# 2261
Delta R.T. 0.009 min
Lab File: BN036575.D
Acq: 11 Mar 2025 10:44

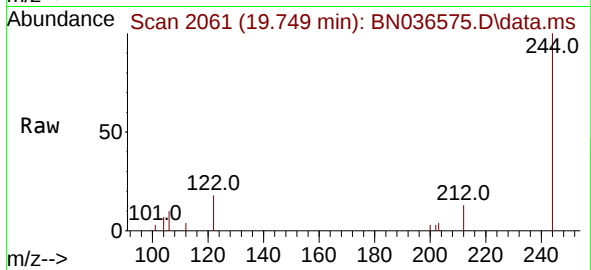
Tgt Ion:240 Resp: 3547
Ion Ratio Lower Upper
240 100
120 21.2 14.6 22.0
236 31.4 24.1 36.1



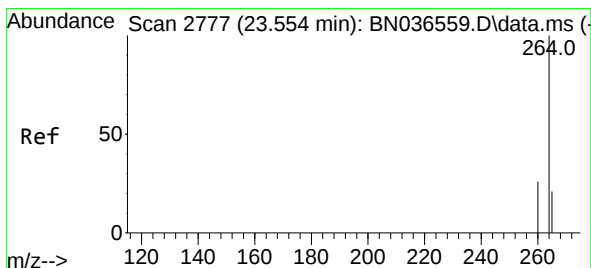
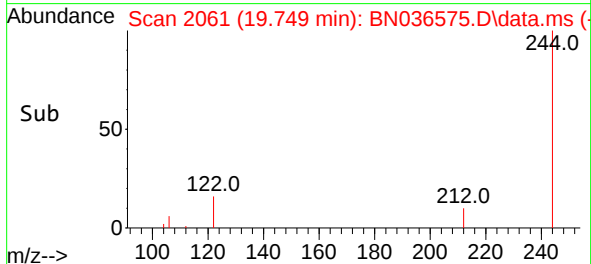
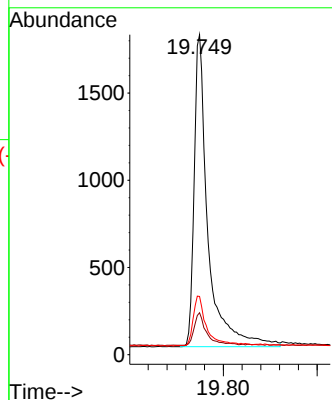


#31
Terphenyl-d14
Concen: 0.431 ng
RT: 19.749 min Scan# 2061
Delta R.T. 0.004 min
Lab File: BN036575.D
Acq: 11 Mar 2025 10:44

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:244 Resp: 3663
Ion Ratio Lower Upper
244 100
212 13.1 9.6 14.4
122 18.2 13.9 20.9



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.557 min Scan# 2778
Delta R.T. 0.003 min
Lab File: BN036575.D
Acq: 11 Mar 2025 10:44

Tgt Ion:264 Resp: 3179
Ion Ratio Lower Upper
264 100
260 27.8 22.6 33.8
265 131.3 88.1 132.1

