

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040725\
 Data File : BN036848.D
 Acq On : 07 Apr 2025 09:46
 Operator : RC/JU
 Sample : PB167468BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB167468BL

Quant Time: Apr 07 10:42:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 04 17:30:43 2025
 Response via : Initial Calibration

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

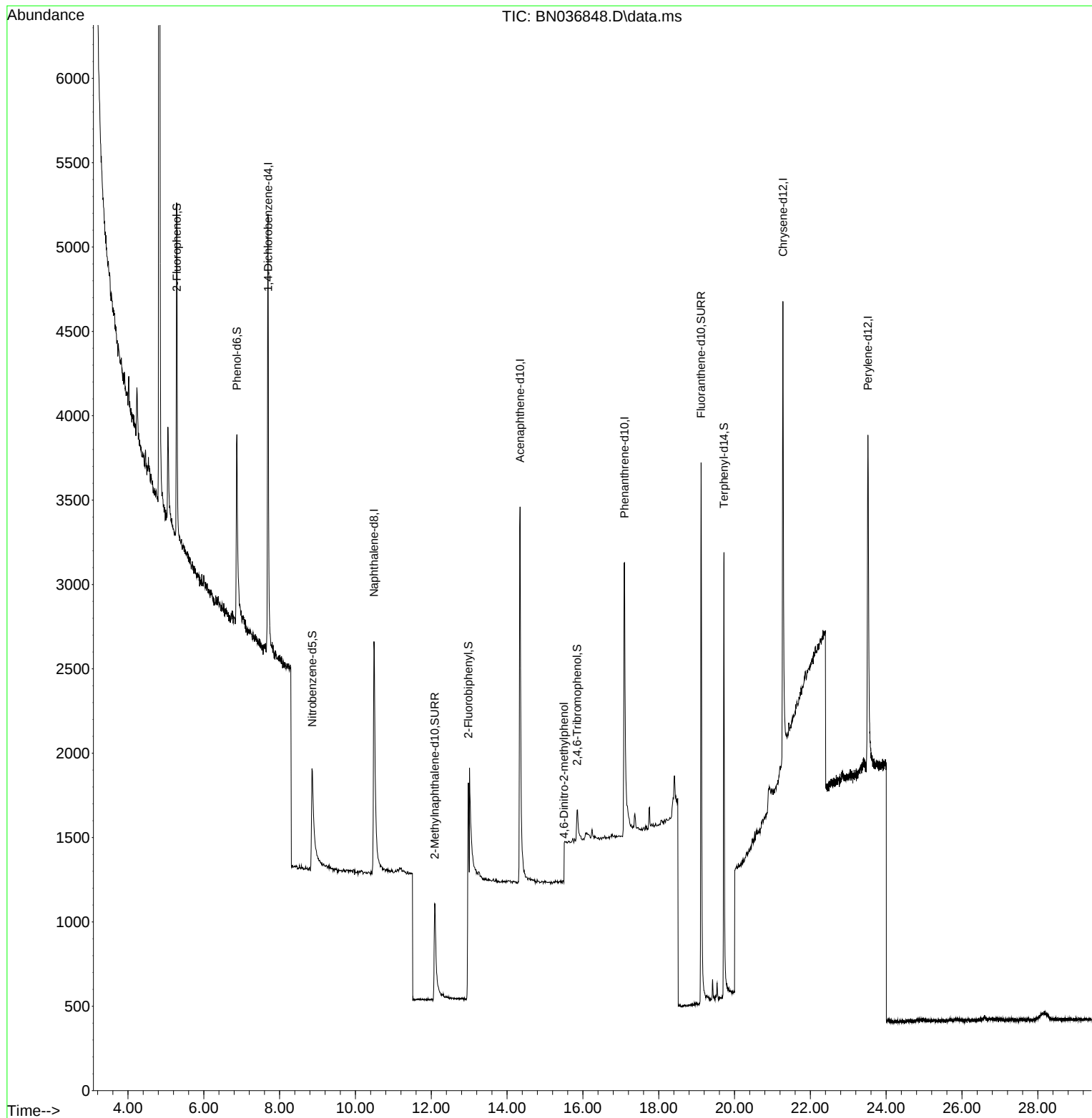
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.695	152	1482	0.400	ng	0.00
7) Naphthalene-d8	10.487	136	3397	0.400	ng	# 0.01
13) Acenaphthene-d10	14.345	164	1996	0.400	ng	0.01
19) Phenanthrene-d10	17.099	188	4124	0.400	ng	0.02
29) Chrysene-d12	21.277	240	3561	0.400	ng	0.00
35) Perylene-d12	23.519	264	3343	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	1557	0.451	ng	0.00
5) Phenol-d6	6.872	99	1621	0.380	ng	0.00
8) Nitrobenzene-d5	8.865	82	1188	0.321	ng	0.02
11) 2-Methylnaphthalene-d10	12.091	152	1791	0.354	ng	0.02
14) 2,4,6-Tribromophenol	15.845	330	210	0.232	ng	0.01
15) 2-Fluorobiphenyl	12.978	172	3337	0.287	ng	0.02
27) Fluoranthene-d10	19.118	212	4594	0.435	ng	0.00
31) Terphenyl-d14	19.722	244	3114	0.365	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.499	198	3	0.149	ng	# 30

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

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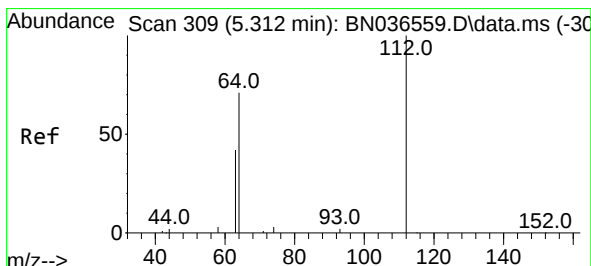
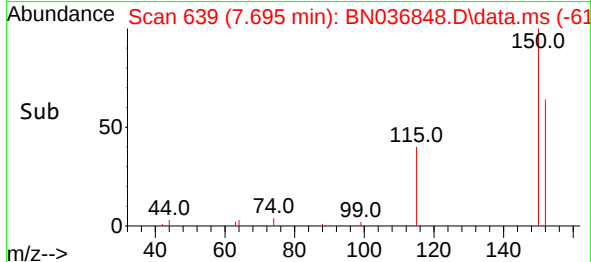
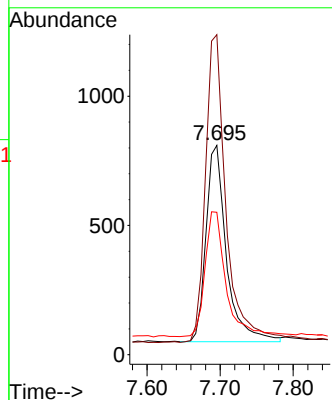
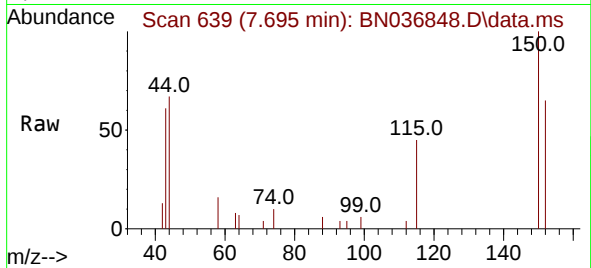




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.695 min Scan# 61
 Delta R.T. 0.007 min
 Lab File: BN036848.D
 Acq: 07 Apr 2025 09:46

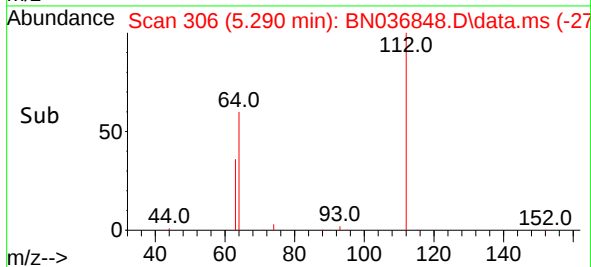
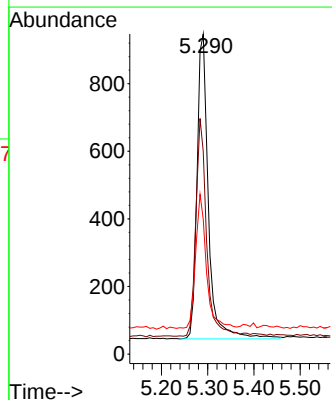
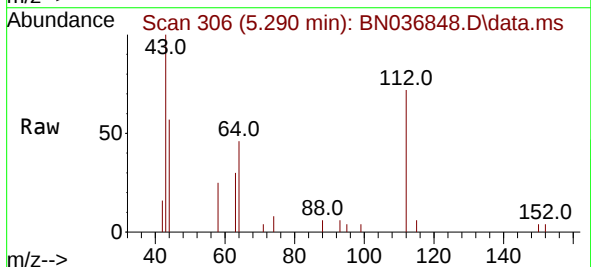
Instrument :
 BNA_N
 ClientSampleId :
 PB167468BL

Tgt Ion:152 Resp: 1482
 Ion Ratio Lower Upper
 152 100
 150 152.8 123.7 185.5
 115 68.0 54.3 81.5



#4
 2-Fluorophenol
 Concen: 0.451 ng
 RT: 5.290 min Scan# 306
 Delta R.T. 0.007 min
 Lab File: BN036848.D
 Acq: 07 Apr 2025 09:46

Tgt Ion:112 Resp: 1557
 Ion Ratio Lower Upper
 112 100
 64 67.6 53.1 79.7
 63 41.5 31.8 47.8

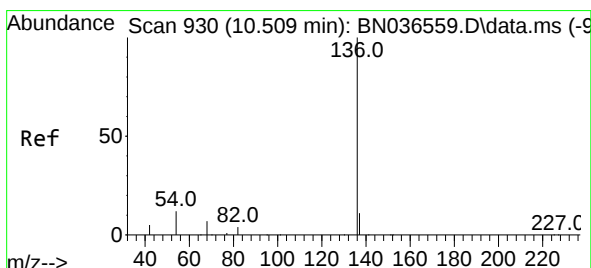
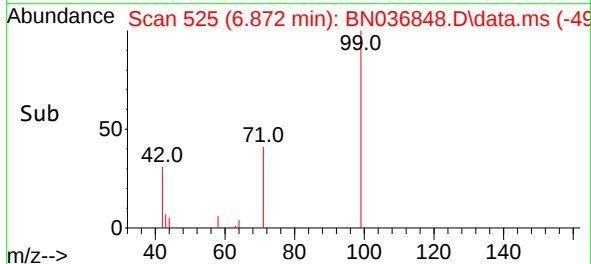
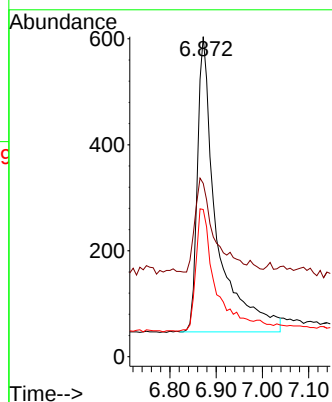
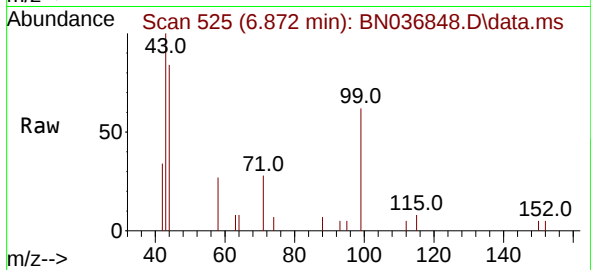




#5
Phenol-d6
Concen: 0.380 ng
RT: 6.872 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN036848.D
Acq: 07 Apr 2025 09:46

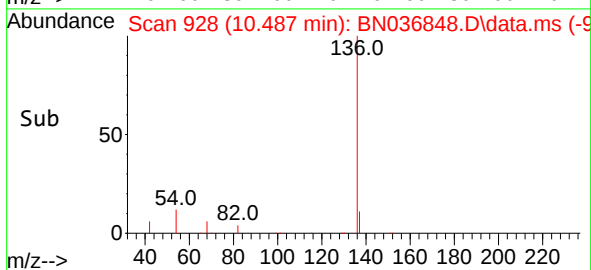
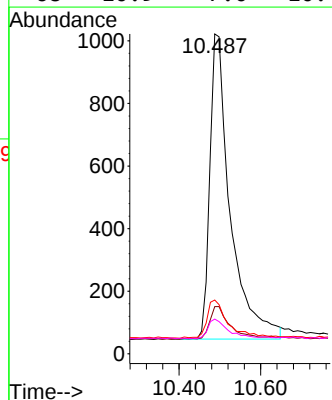
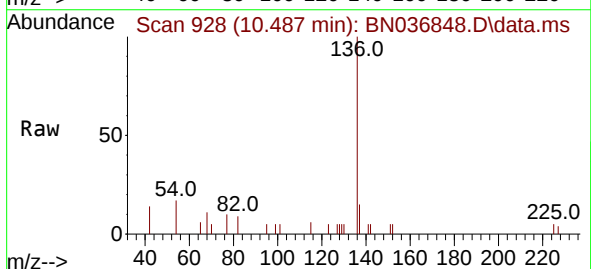
Instrument :
BNA_N
ClientSampleId :
PB167468BL

Tgt Ion: 99 Resp: 1621
Ion Ratio Lower Upper
99 100
42 31.3 26.5 39.7
71 41.7 34.1 51.1



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.487 min Scan# 928
Delta R.T. 0.011 min
Lab File: BN036848.D
Acq: 07 Apr 2025 09:46

Tgt Ion: 136 Resp: 3397
Ion Ratio Lower Upper
136 100
137 14.8 10.3 15.5
54 16.8 11.5 17.3
68 10.9 7.0 10.4

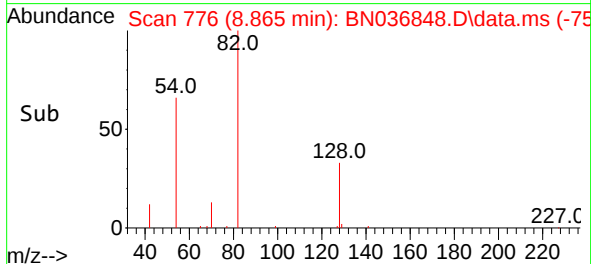
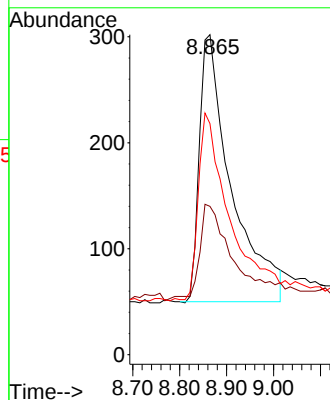
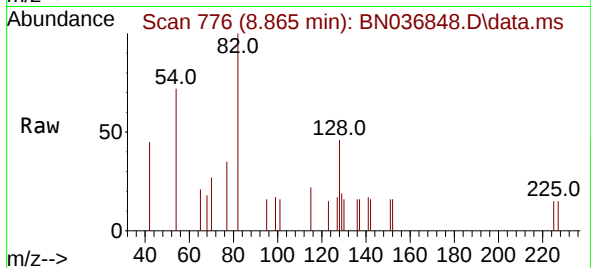




#8
 Nitrobenzene-d5
 Concen: 0.321 ng
 RT: 8.865 min Scan# 71
 Delta R.T. 0.021 min
 Lab File: BN036848.D
 Acq: 07 Apr 2025 09:46

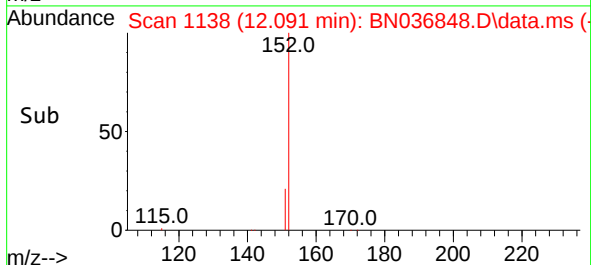
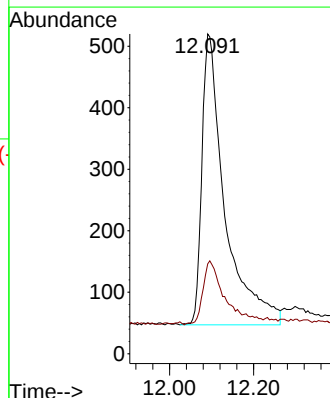
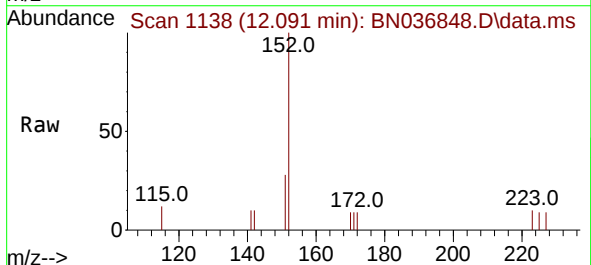
Instrument :
 BNA_N
 ClientSampleId :
 PB167468BL

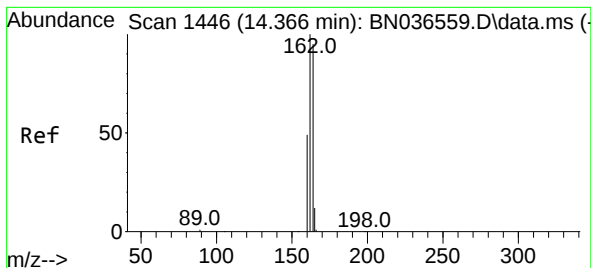
Tgt Ion: 82 Resp: 1188
 Ion Ratio Lower Upper
 82 100
 128 46.4 30.6 45.8#
 54 72.2 52.2 78.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.354 ng
 RT: 12.091 min Scan# 1138
 Delta R.T. 0.020 min
 Lab File: BN036848.D
 Acq: 07 Apr 2025 09:46

Tgt Ion: 152 Resp: 1791
 Ion Ratio Lower Upper
 152 100
 151 21.5 17.0 25.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.345 min Scan# 14

Delta R.T. 0.011 min

Lab File: BN036848.D

Acq: 07 Apr 2025 09:46

Instrument :

BNA_N

ClientSampleId :

PB167468BL

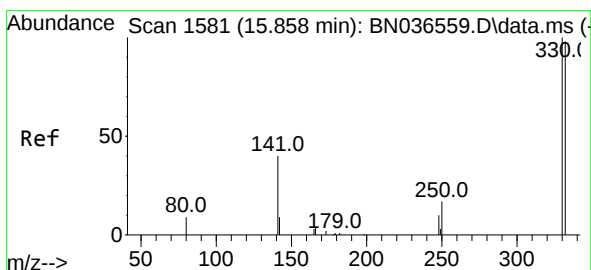
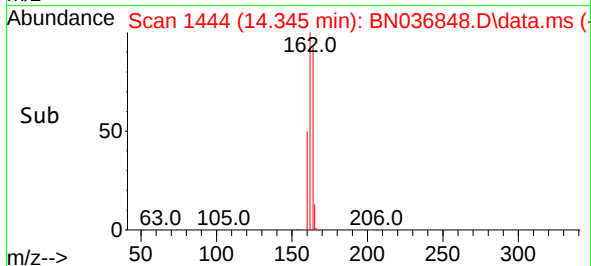
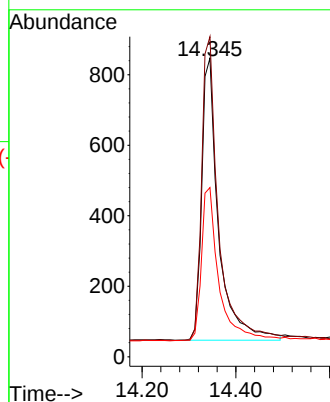
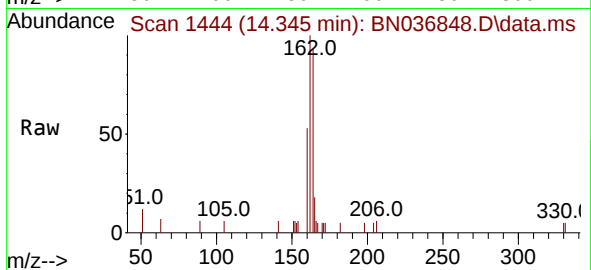
Tgt Ion:164 Resp: 1996

Ion Ratio Lower Upper

164 100

162 107.2 84.2 126.2

160 56.7 42.2 63.2



#14

2,4,6-Tribromophenol

Concen: 0.232 ng

RT: 15.845 min Scan# 1580

Delta R.T. 0.012 min

Lab File: BN036848.D

Acq: 07 Apr 2025 09:46

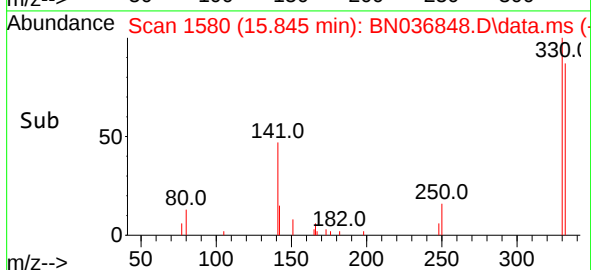
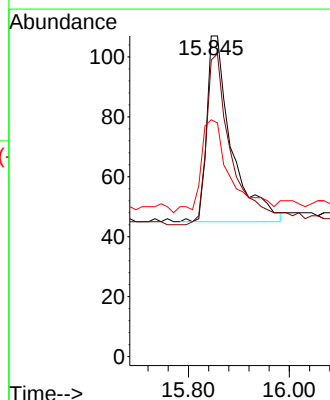
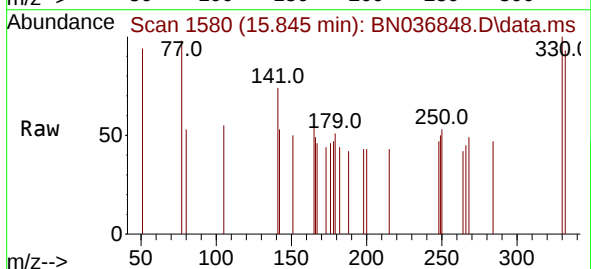
Tgt Ion:330 Resp: 210

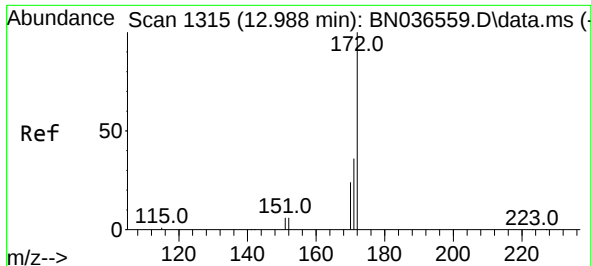
Ion Ratio Lower Upper

330 100

332 93.8 75.2 112.8

141 59.5 43.4 65.2

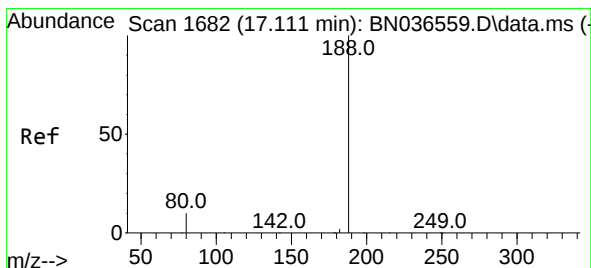
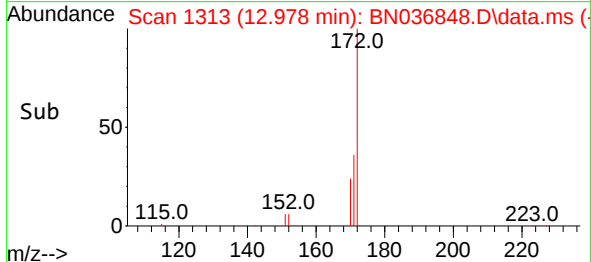
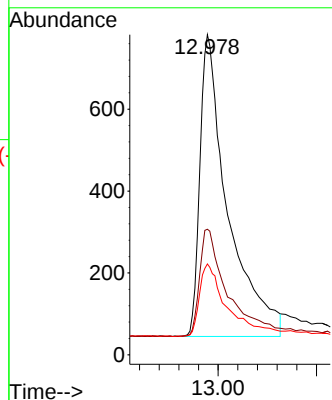
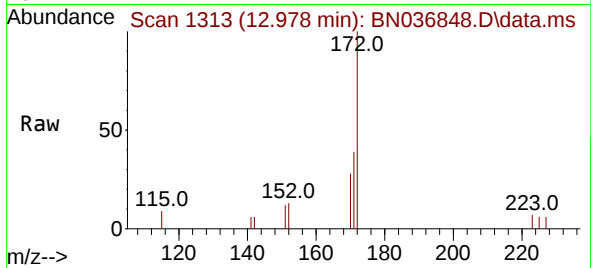




#15
2-Fluorobiphenyl
Concen: 0.287 ng
RT: 12.978 min Scan# 11
Delta R.T. 0.020 min
Lab File: BN036848.D
Acq: 07 Apr 2025 09:46

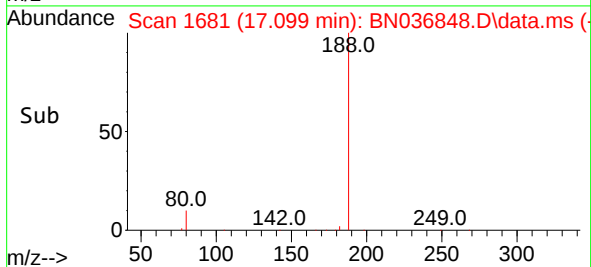
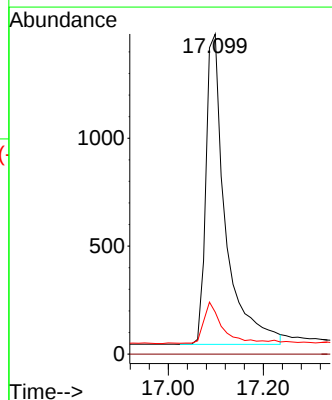
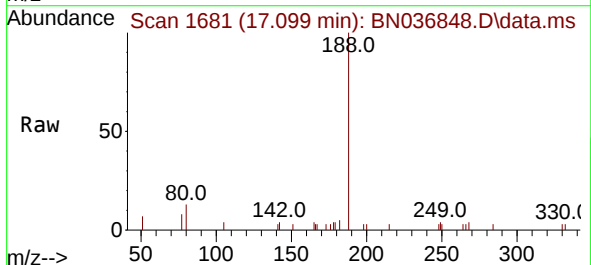
Instrument :
BNA_N
ClientSampleId :
PB167468BL

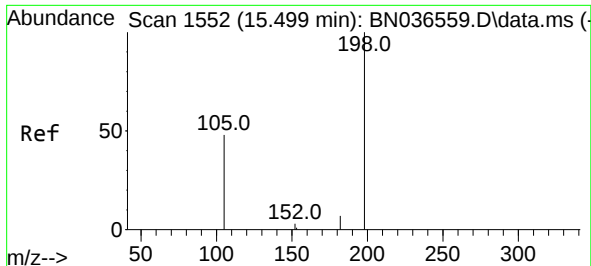
Tgt Ion:172 Resp: 3337
Ion Ratio Lower Upper
172 100
171 39.3 29.5 44.3
170 28.4 20.2 30.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.099 min Scan# 1681
Delta R.T. 0.025 min
Lab File: BN036848.D
Acq: 07 Apr 2025 09:46

Tgt Ion:188 Resp: 4124
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.1 8.8 13.2

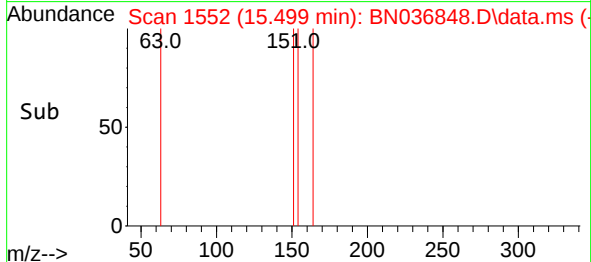
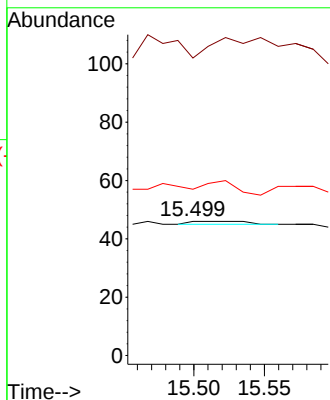
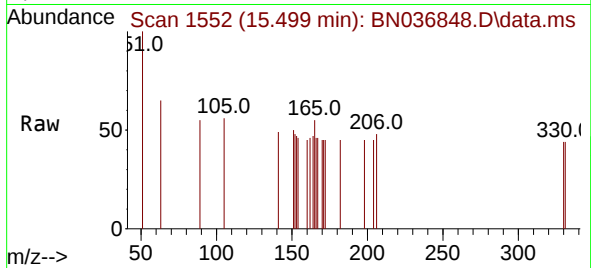




#20
4,6-Dinitro-2-methylphenol
Concen: 0.149 ng
RT: 15.499 min Scan# 11
Delta R.T. 0.021 min
Lab File: BN036848.D
Acq: 07 Apr 2025 09:46

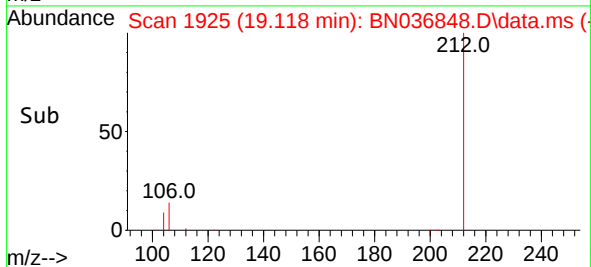
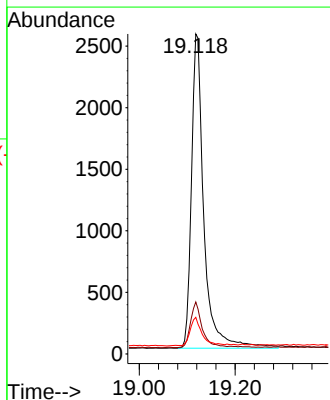
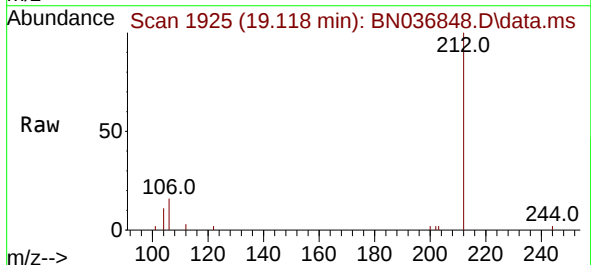
Instrument :
BNA_N
ClientSampleId :
PB167468BL

Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 221.7 107.9 161.9#
105 123.9 56.2 84.2#



#27
Fluoranthene-d10
Concen: 0.435 ng
RT: 19.118 min Scan# 1925
Delta R.T. 0.005 min
Lab File: BN036848.D
Acq: 07 Apr 2025 09:46

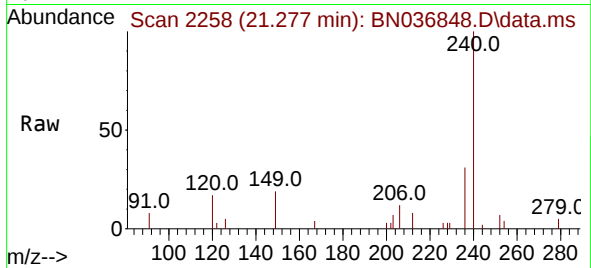
Tgt Ion:212 Resp: 4594
Ion Ratio Lower Upper
212 100
106 13.5 11.8 17.6
104 8.3 7.3 10.9



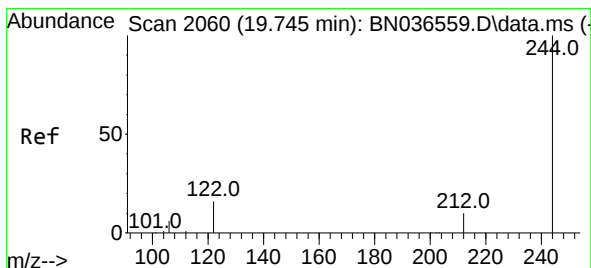
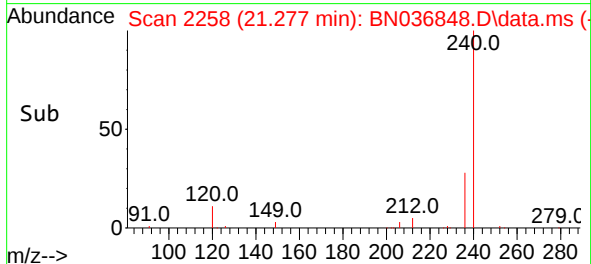
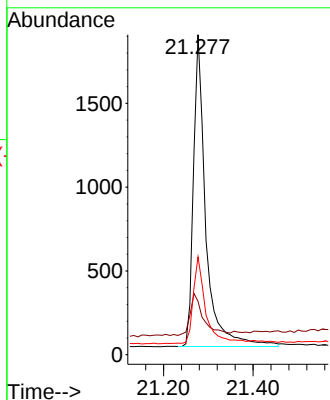


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN036848.D
Acq: 07 Apr 2025 09:46

Instrument :
BNA_N
ClientSampleId :
PB167468BL

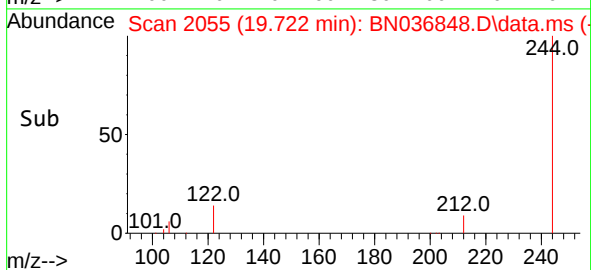
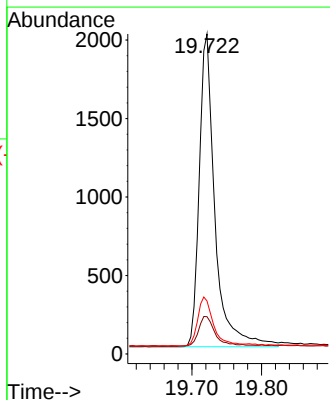
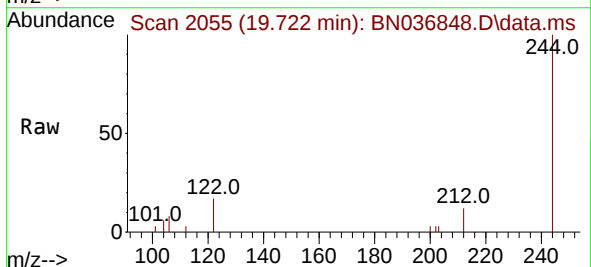


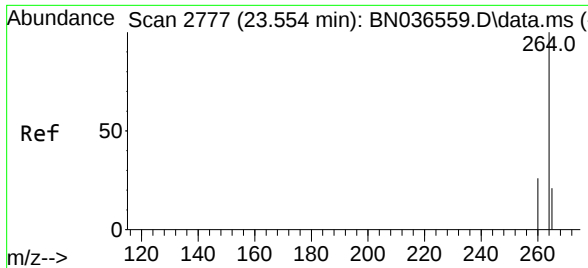
Tgt Ion:240 Resp: 3561
Ion Ratio Lower Upper
240 100
120 16.6 14.6 22.0
236 30.6 24.1 36.1



#31
Terphenyl-d14
Concen: 0.365 ng
RT: 19.722 min Scan# 2055
Delta R.T. 0.005 min
Lab File: BN036848.D
Acq: 07 Apr 2025 09:46

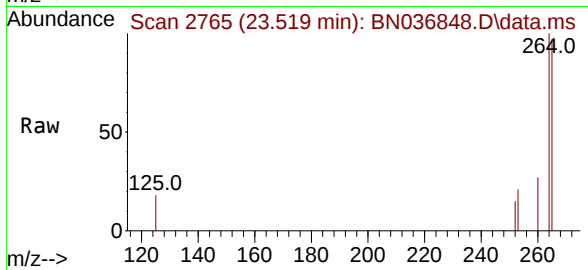
Tgt Ion:244 Resp: 3114
Ion Ratio Lower Upper
244 100
212 11.7 9.6 14.4
122 16.6 13.9 20.9





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.519 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN036848.D
Acq: 07 Apr 2025 09:46

Instrument :
BNA_N
ClientSampleId :
PB167468BL



Tgt Ion:264 Resp: 3343
Ion Ratio Lower Upper
264 100
260 27.4 22.6 33.8
265 97.4 88.1 132.1

