

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040325\
 Data File : BN036829.D
 Acq On : 03 Apr 2025 19:02
 Operator : RC/JU
 Sample : PB167450BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB167450BL

Quant Time: Apr 04 00:56:48 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)

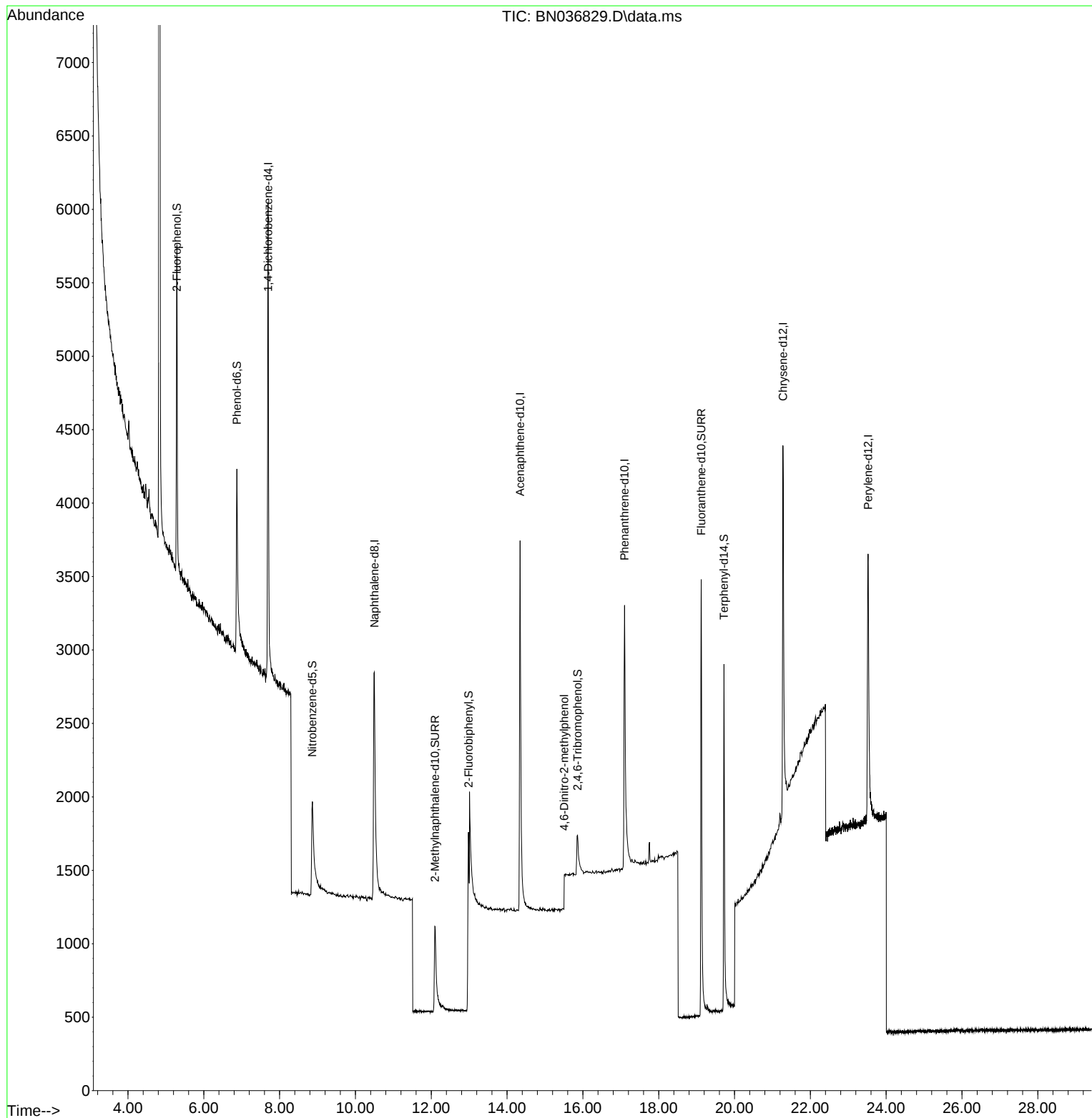
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.695	152	1836	0.400	ng	-0.03
7) Naphthalene-d8	10.498	136	3906	0.400	ng	-0.01
13) Acenaphthene-d10	14.345	164	2194	0.400	ng	-0.02
19) Phenanthrene-d10	17.099	188	4456	0.400	ng	#-0.01
29) Chrysene-d12	21.277	240	3841	0.400	ng	-0.02
35) Perylene-d12	23.522	264	3492	0.400	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	1644	0.384	ng	-0.02
5) Phenol-d6	6.872	99	1668	0.316	ng	-0.03
8) Nitrobenzene-d5	8.865	82	1256	0.296	ng	-0.01
11) 2-Methylnaphthalene-d10	12.096	152	1811	0.312	ng	-0.02
14) 2,4,6-Tribromophenol	15.858	330	312	0.313	ng	0.00
15) 2-Fluorobiphenyl	12.983	172	3249	0.255	ng	0.00
27) Fluoranthene-d10	19.122	212	4552	0.399	ng	-0.02
31) Terphenyl-d14	19.722	244	3114	0.338	ng	-0.02
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.510	198	1	0.147	ng	# 30

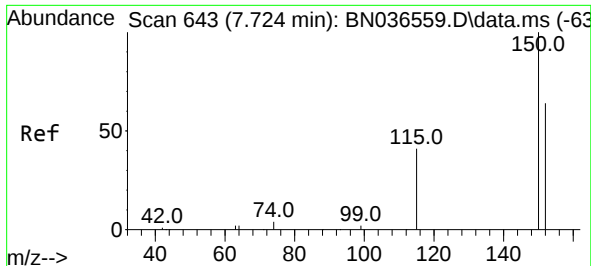
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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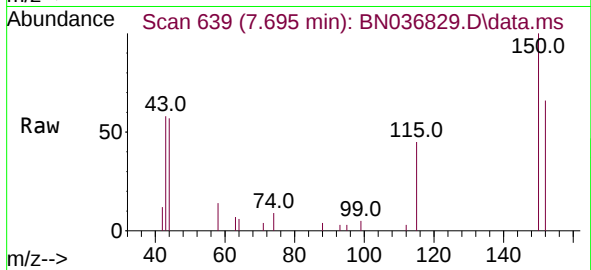
Quant Time: Apr 04 00:56:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
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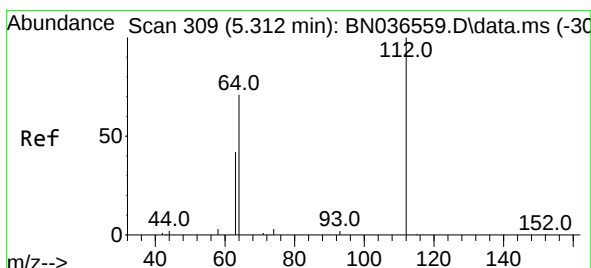
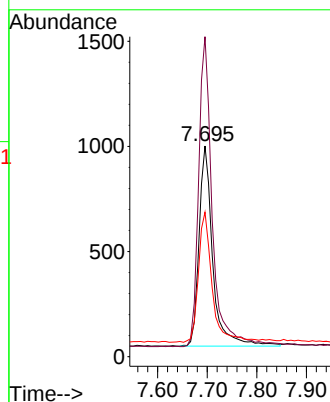
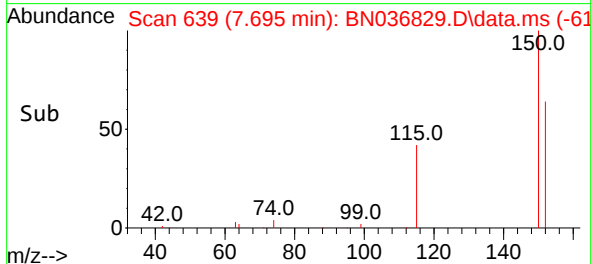


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.695 min Scan# 61
Delta R.T. -0.029 min
Lab File: BN036829.D
Acq: 03 Apr 2025 19:02

Instrument :
BNA_N
ClientSampleId :
PB167450BL

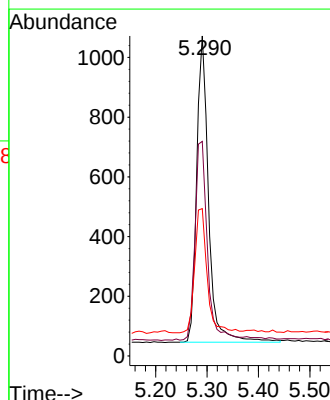
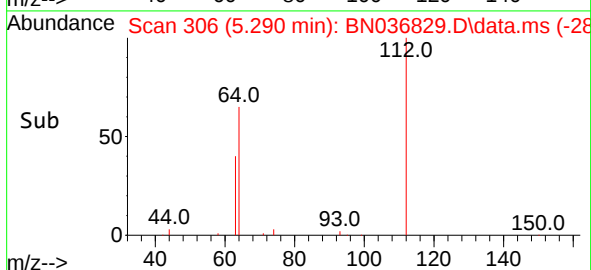
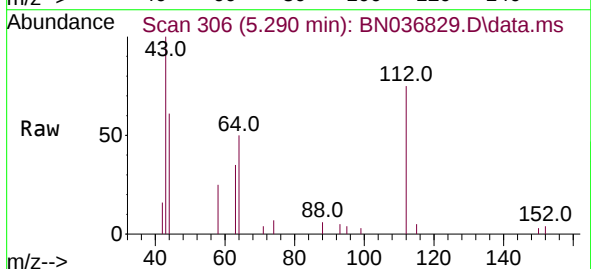


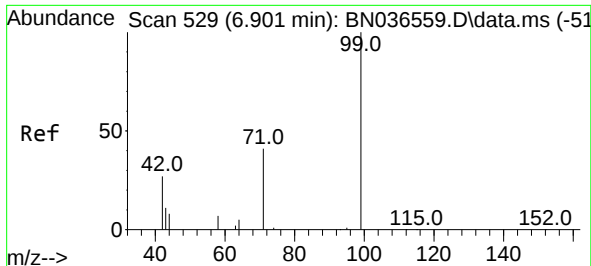
Tgt Ion:152 Resp: 1836
Ion Ratio Lower Upper
152 100
150 151.9 123.7 185.5
115 68.6 54.3 81.5



#4
2-Fluorophenol
Concen: 0.384 ng
RT: 5.290 min Scan# 306
Delta R.T. -0.022 min
Lab File: BN036829.D
Acq: 03 Apr 2025 19:02

Tgt Ion:112 Resp: 1644
Ion Ratio Lower Upper
112 100
64 68.3 53.1 79.7
63 42.3 31.8 47.8

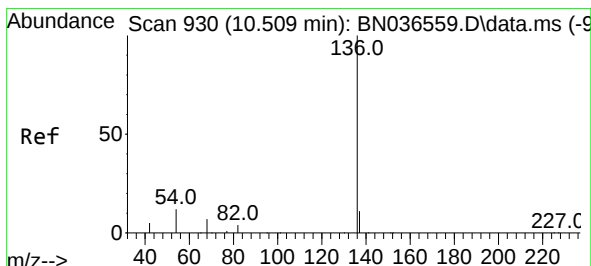
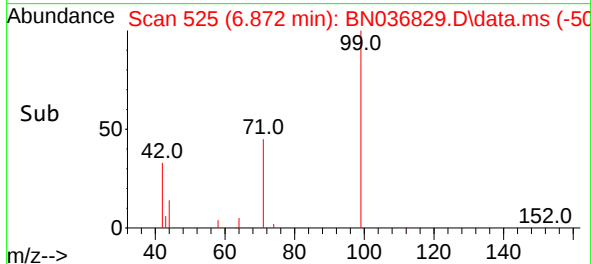
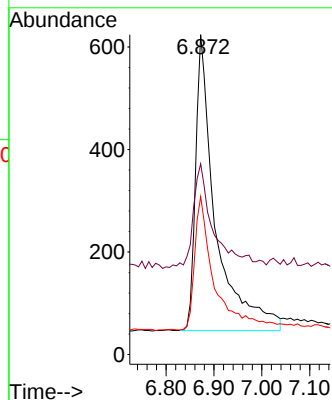
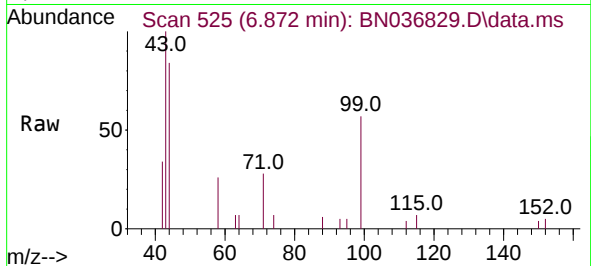




#5
Phenol-d6
Concen: 0.316 ng
RT: 6.872 min Scan# 51
Delta R.T. -0.029 min
Lab File: BN036829.D
Acq: 03 Apr 2025 19:02

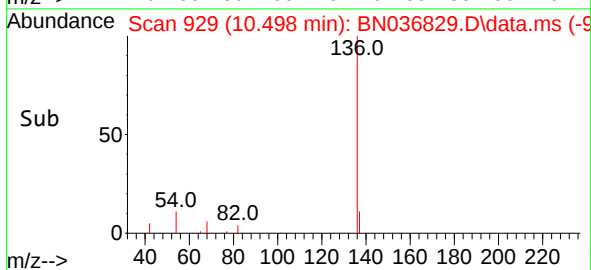
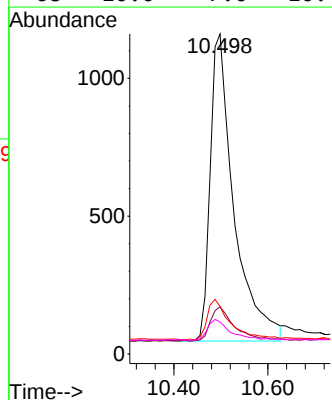
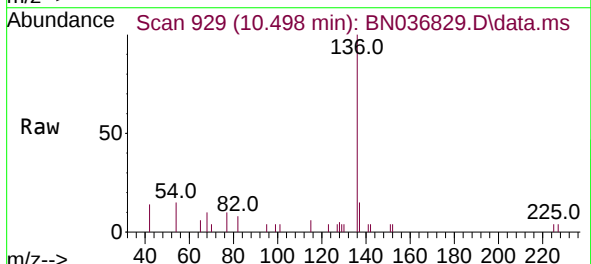
Instrument :
BNA_N
ClientSampleId :
PB167450BL

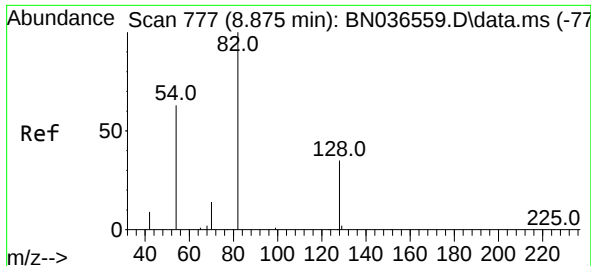
Tgt Ion: 99 Resp: 1668
Ion Ratio Lower Upper
99 100
42 36.1 26.5 39.7
71 45.6 34.1 51.1



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 929
Delta R.T. -0.011 min
Lab File: BN036829.D
Acq: 03 Apr 2025 19:02

Tgt Ion: 136 Resp: 3906
Ion Ratio Lower Upper
136 100
137 14.7 10.3 15.5
54 14.8 11.5 17.3
68 10.0 7.0 10.4

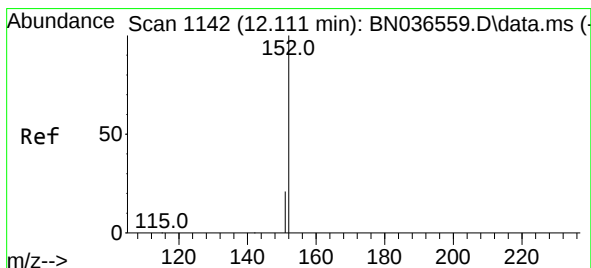
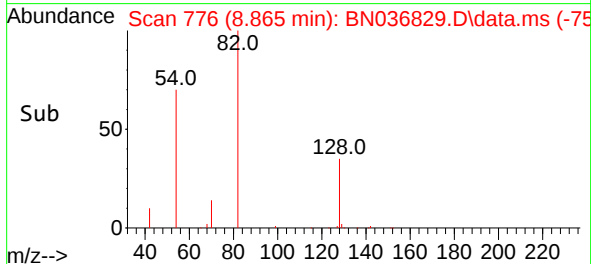
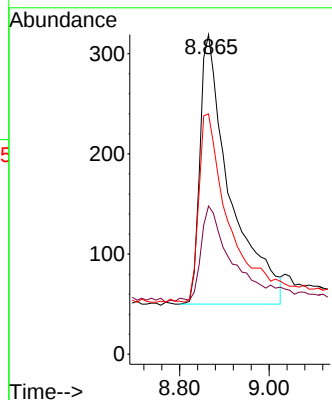
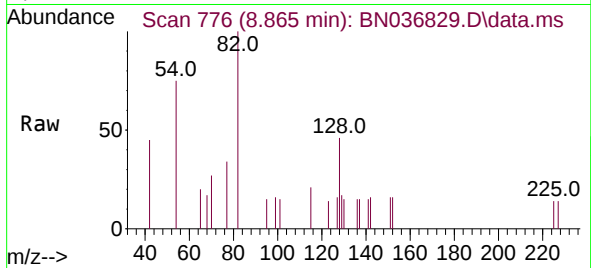




#8
 Nitrobenzene-d5
 Concen: 0.296 ng
 RT: 8.865 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BN036829.D
 Acq: 03 Apr 2025 19:02

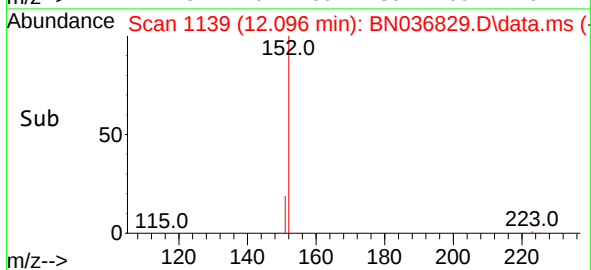
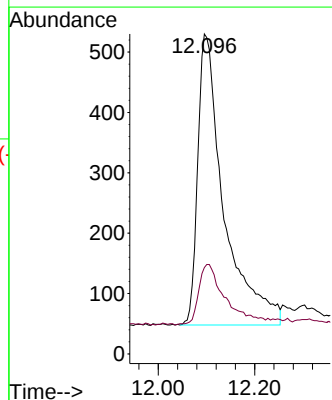
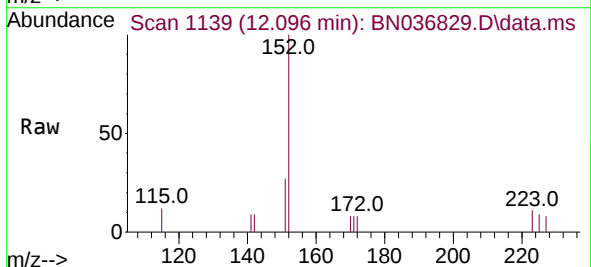
Instrument :
 BNA_N
 ClientSampleId :
 PB167450BL

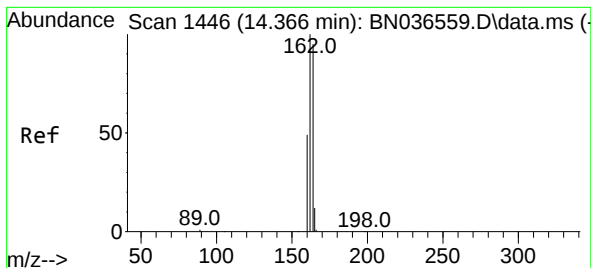
Tgt Ion: 82 Resp: 1256
 Ion Ratio Lower Upper
 82 100
 128 46.4 30.6 45.8#
 54 75.2 52.2 78.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.312 ng
 RT: 12.096 min Scan# 1139
 Delta R.T. -0.015 min
 Lab File: BN036829.D
 Acq: 03 Apr 2025 19:02

Tgt Ion:152 Resp: 1811
 Ion Ratio Lower Upper
 152 100
 151 21.4 17.0 25.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.345 min Scan# 1444

Delta R.T. -0.021 min

Lab File: BN036829.D

Acq: 03 Apr 2025 19:02

Instrument :

BNA_N

ClientSampleId :

PB167450BL

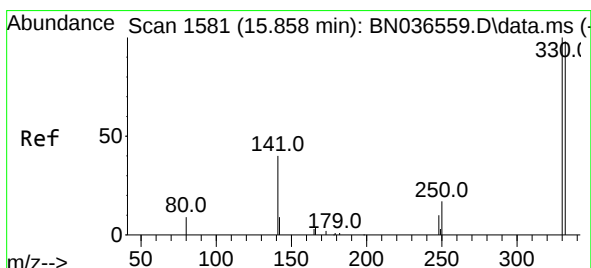
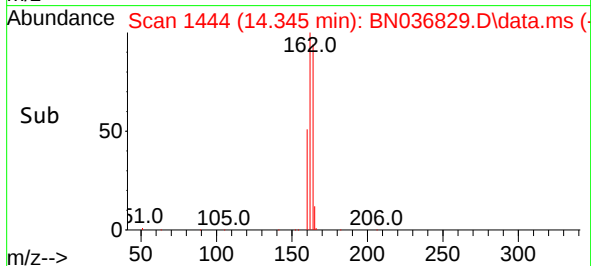
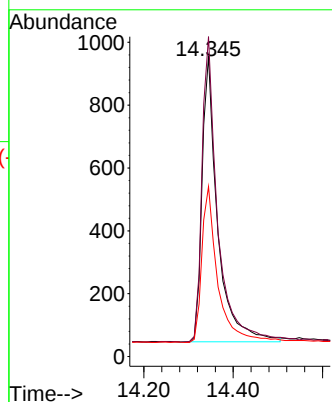
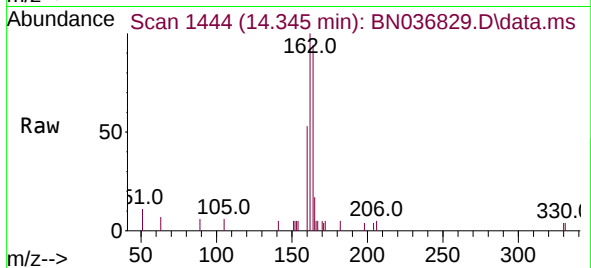
Tgt Ion:164 Resp: 2194

Ion Ratio Lower Upper

164 100

162 106.5 84.2 126.2

160 56.6 42.2 63.2



#14

2,4,6-Tribromophenol

Concen: 0.313 ng

RT: 15.858 min Scan# 1581

Delta R.T. 0.000 min

Lab File: BN036829.D

Acq: 03 Apr 2025 19:02

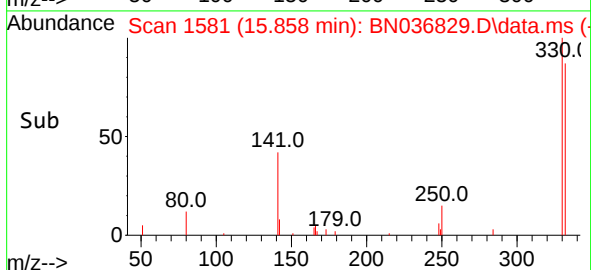
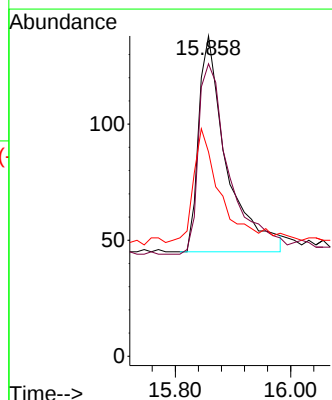
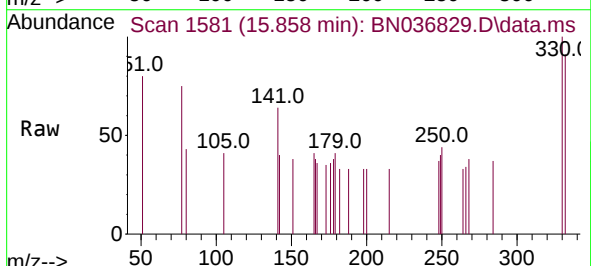
Tgt Ion:330 Resp: 312

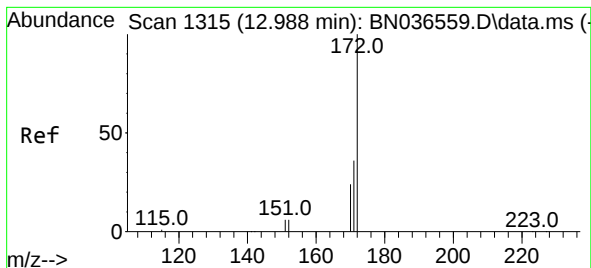
Ion Ratio Lower Upper

330 100

332 99.0 75.2 112.8

141 51.3 43.4 65.2





#15

2-Fluorobiphenyl

Concen: 0.255 ng

RT: 12.983 min Scan# 11

Delta R.T. -0.005 min

Lab File: BN036829.D

Acq: 03 Apr 2025 19:02

Instrument :

BNA_N

ClientSampleId :

PB167450BL

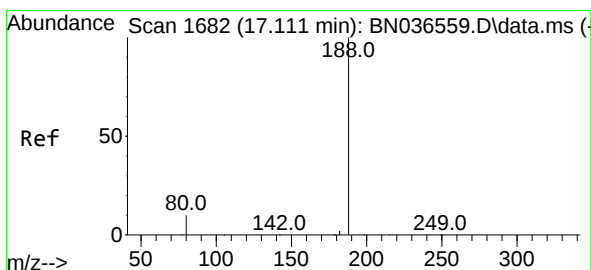
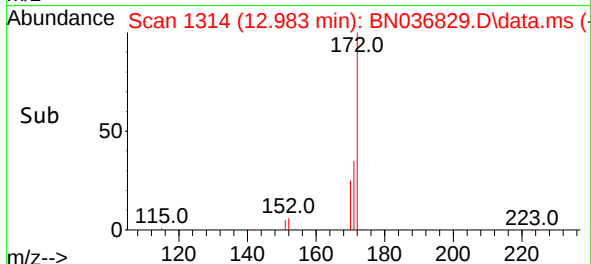
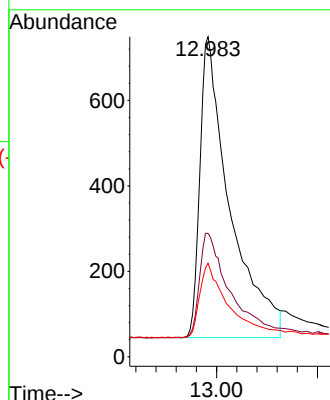
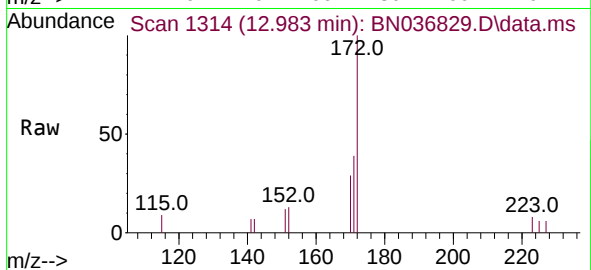
Tgt Ion:172 Resp: 3249

Ion Ratio Lower Upper

172 100

171 38.6 29.5 44.3

170 29.2 20.2 30.4



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.099 min Scan# 1681

Delta R.T. -0.012 min

Lab File: BN036829.D

Acq: 03 Apr 2025 19:02

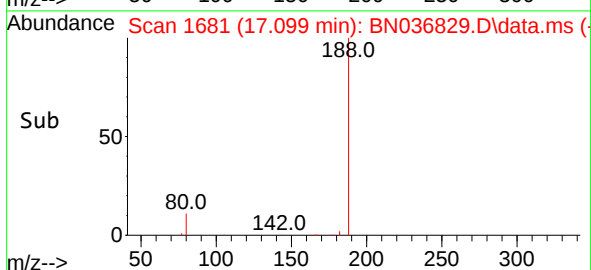
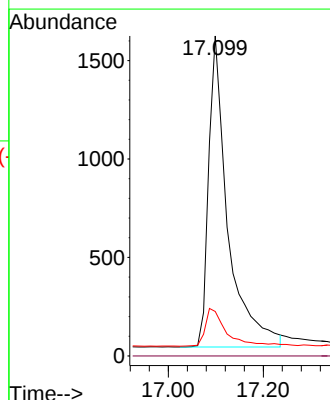
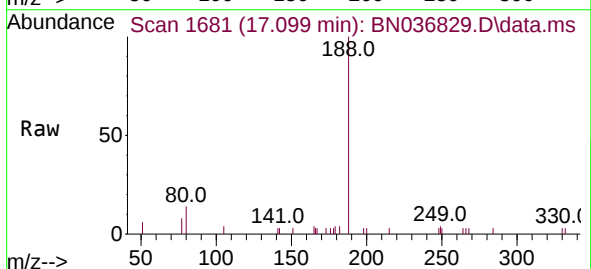
Tgt Ion:188 Resp: 4456

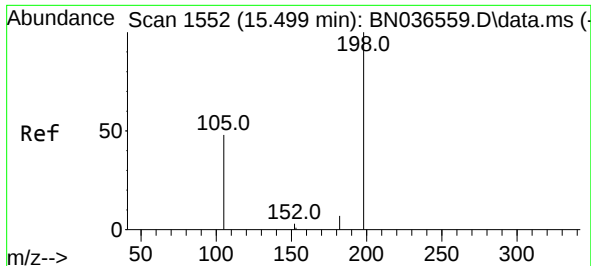
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.9 8.8 13.2#

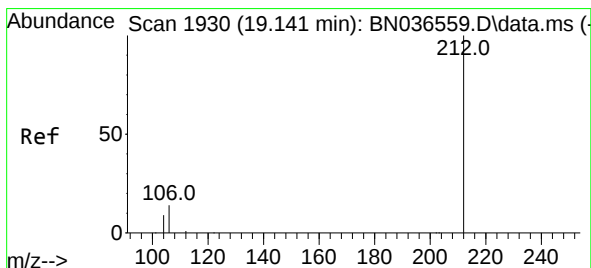
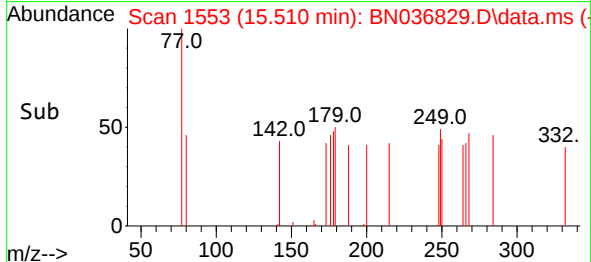
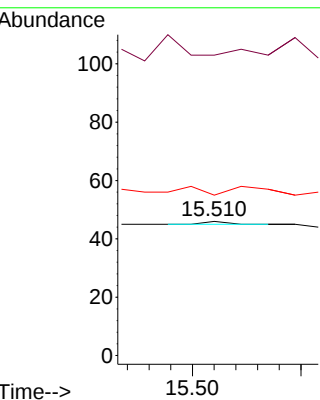
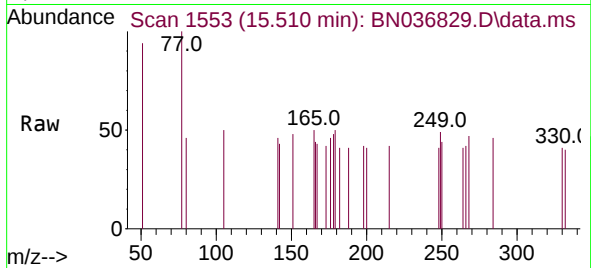




#20
4,6-Dinitro-2-methylphenol
Concen: 0.147 ng
RT: 15.510 min Scan# 11
Delta R.T. 0.011 min
Lab File: BN036829.D
Acq: 03 Apr 2025 19:02

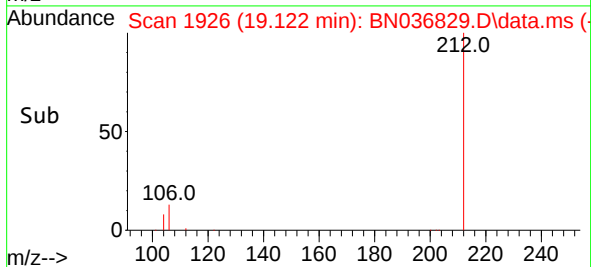
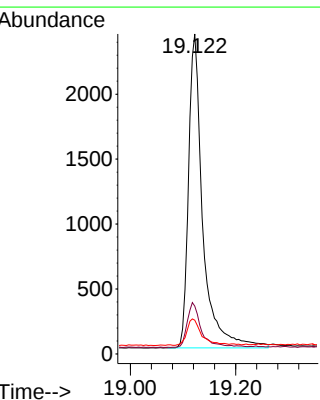
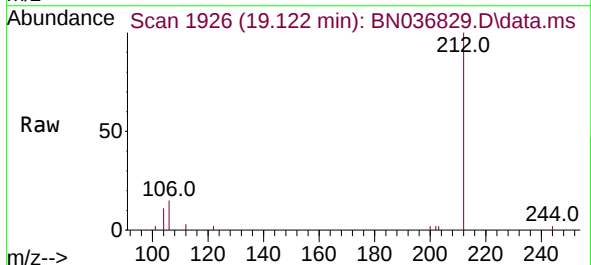
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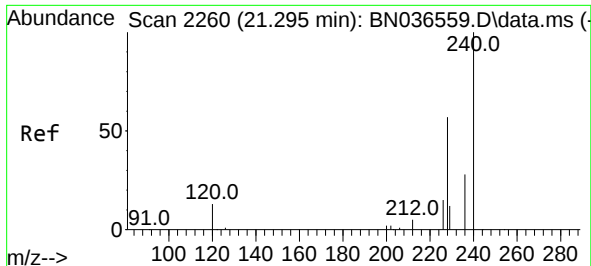
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 223.9 107.9 161.9#
105 119.6 56.2 84.2#



#27
Fluoranthene-d10
Concen: 0.399 ng
RT: 19.122 min Scan# 1926
Delta R.T. -0.019 min
Lab File: BN036829.D
Acq: 03 Apr 2025 19:02

Tgt Ion:212 Resp: 4552
Ion Ratio Lower Upper
212 100
106 14.3 11.8 17.6
104 8.5 7.3 10.9

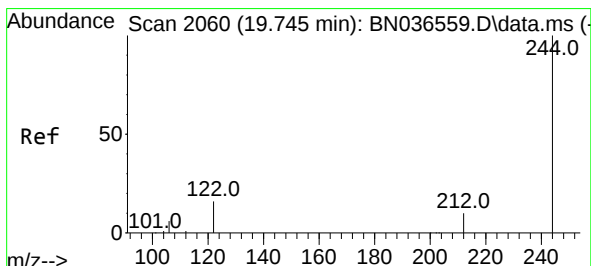
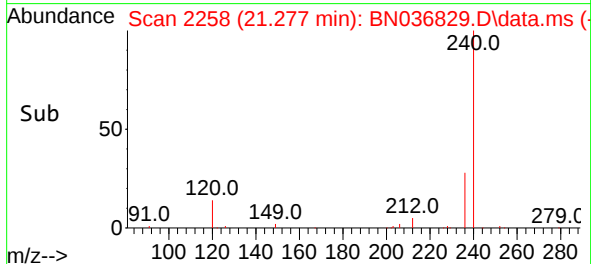
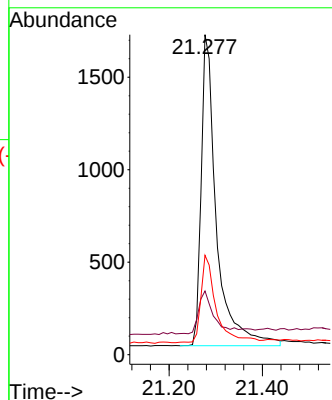
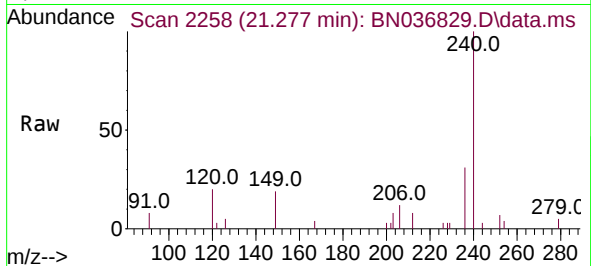




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN036829.D
Acq: 03 Apr 2025 19:02

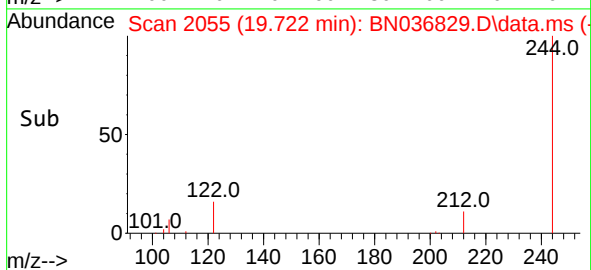
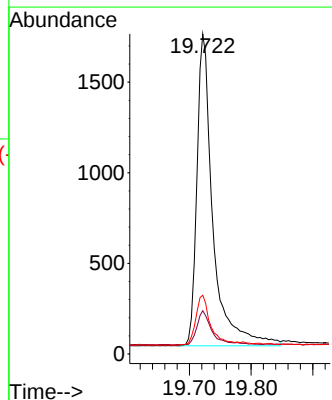
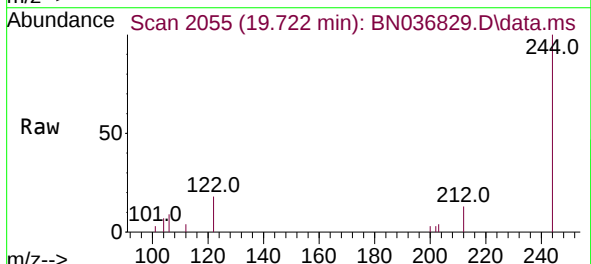
Instrument :
BNA_N
ClientSampleId :
PB167450BL

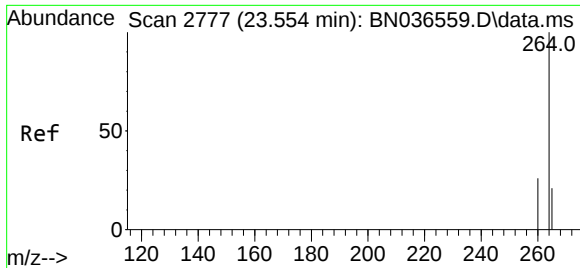
Tgt Ion:240 Resp: 3841
Ion Ratio Lower Upper
240 100
120 19.9 14.6 22.0
236 31.0 24.1 36.1



#31
Terphenyl-d14
Concen: 0.338 ng
RT: 19.722 min Scan# 2055
Delta R.T. -0.023 min
Lab File: BN036829.D
Acq: 03 Apr 2025 19:02

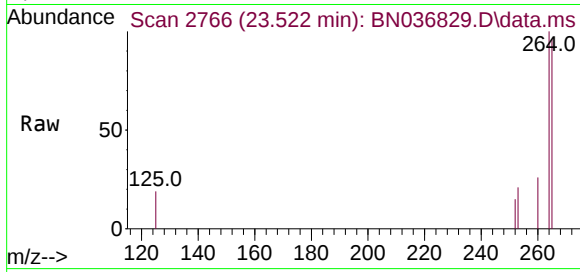
Tgt Ion:244 Resp: 3114
Ion Ratio Lower Upper
244 100
212 13.5 9.6 14.4
122 18.3 13.9 20.9





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.522 min Scan# 21
Delta R.T. -0.032 min
Lab File: BN036829.D
Acq: 03 Apr 2025 19:02

Instrument :
BNA_N
ClientSampleId :
PB167450BL



Tgt Ion:264 Resp: 3492

Ion	Ratio	Lower	Upper
264	100		
260	26.4	22.6	33.8
265	96.4	88.1	132.1

