

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010625\
 Data File : BN035890.D
 Acq On : 06 Jan 2025 10:41
 Operator : RC/JU
 Sample : PB165947BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB165947BL

Quant Time: Jan 06 11:13:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN010225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 02 15:39:17 2025
 Response via : Initial Calibration

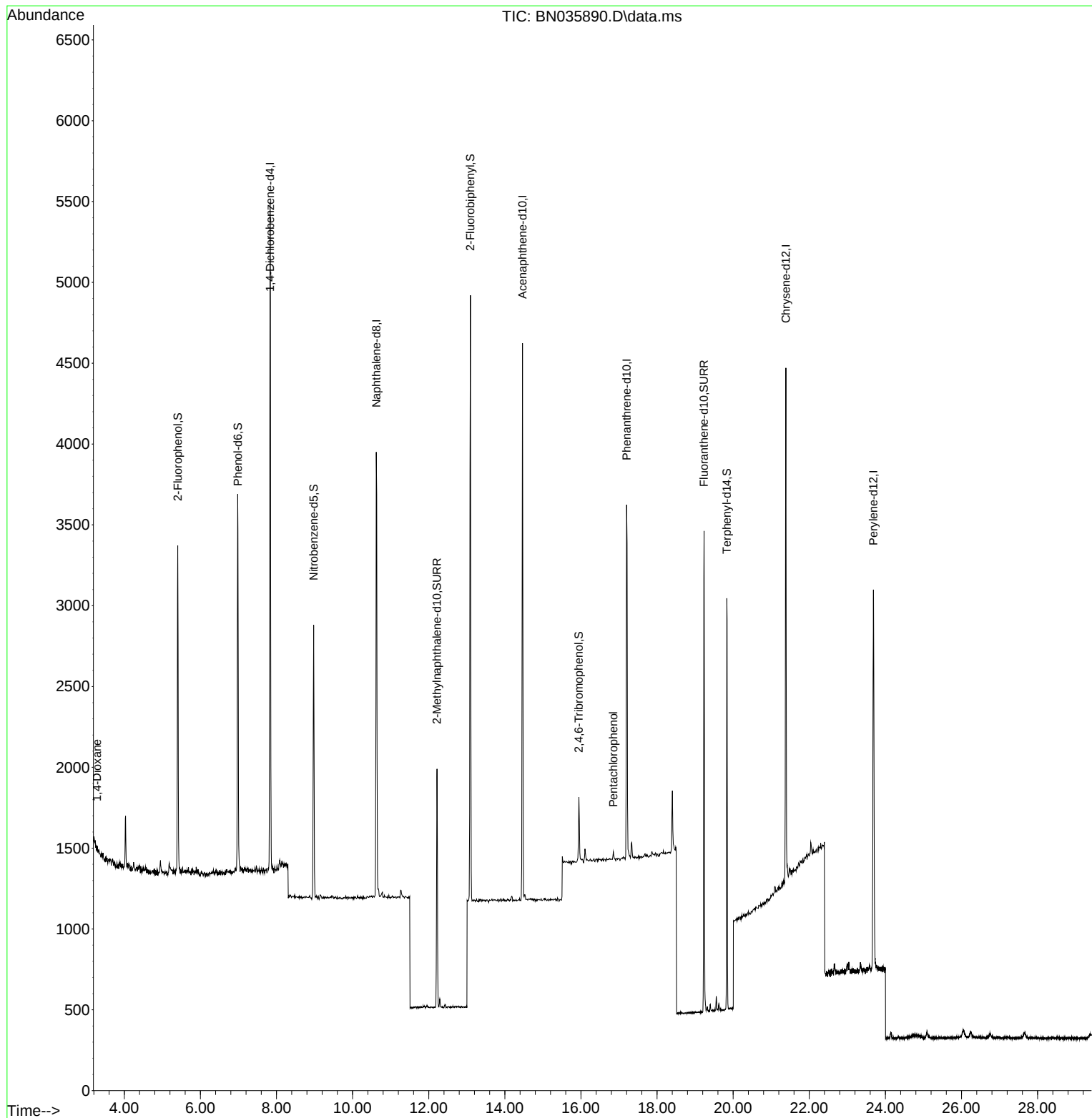
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.832	152	1890	0.400	ng	0.00
7) Naphthalene-d8	10.622	136	3618	0.400	ng	0.00
13) Acenaphthene-d10	14.463	164	1759	0.400	ng	0.00
19) Phenanthrene-d10	17.199	188	3309	0.400	ng	#-0.01
29) Chrysene-d12	21.385	240	2801	0.400	ng	# 0.00
35) Perylene-d12	23.686	264	3280	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.405	112	1490	0.321	ng	0.00
5) Phenol-d6	6.987	99	1830	0.318	ng	0.00
8) Nitrobenzene-d5	8.977	82	1177	0.411	ng	0.00
11) 2-Methylnaphthalene-d10	12.218	152	1919	0.396	ng	0.00
14) 2,4,6-Tribromophenol	15.945	330	229	0.271	ng	-0.01
15) 2-Fluorobiphenyl	13.094	172	3030	0.393	ng	0.00
27) Fluoranthene-d10	19.234	212	3334	0.406	ng	0.00
31) Terphenyl-d14	19.834	244	2384	0.427	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.282	88	40	0.021	ng	# 32
24) Pentachlorophenol	16.851	266	28	0.026	ng	# 84

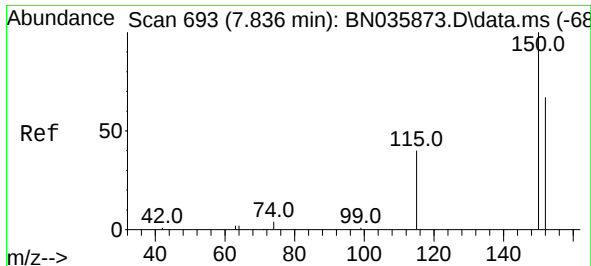
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010625\
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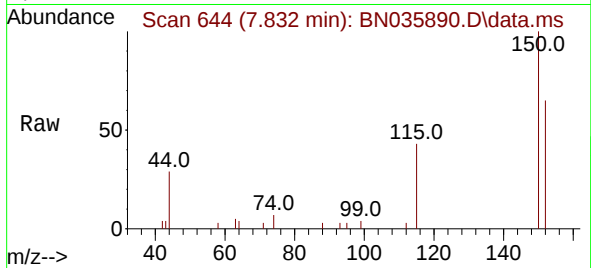
Quant Time: Jan 06 11:13:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN010225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 02 15:39:17 2025
Response via : Initial Calibration



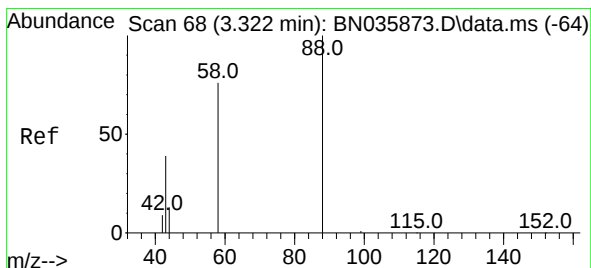
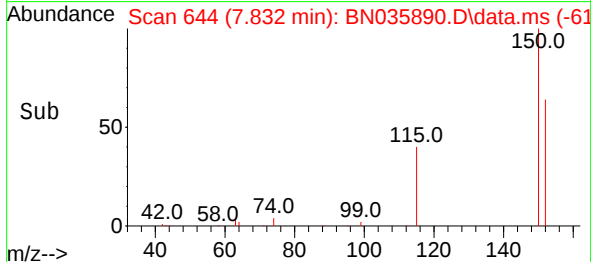
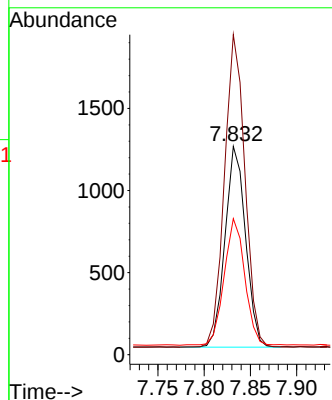


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.832 min Scan# 64
 Delta R.T. -0.004 min
 Lab File: BN035890.D
 Acq: 06 Jan 2025 10:41

Instrument :
 BNA_N
 ClientSampleId :
 PB165947BL

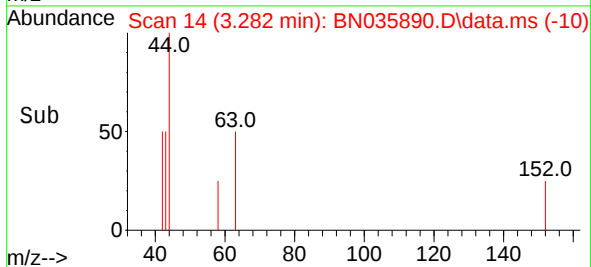
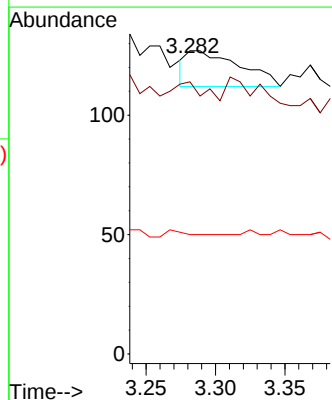
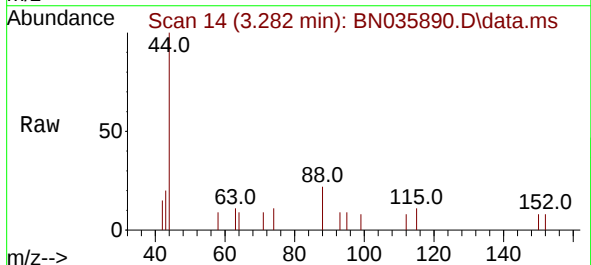


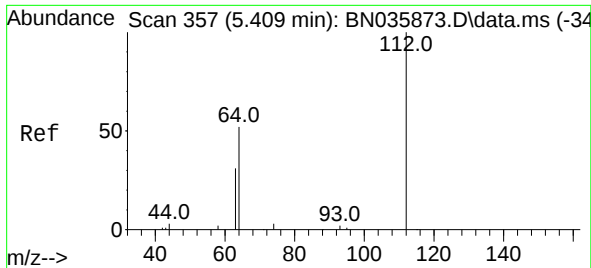
Tgt Ion:152 Resp: 1890
 Ion Ratio Lower Upper
 152 100
 150 153.6 117.8 176.6
 115 65.3 51.0 76.4



#2
 1,4-Dioxane
 Concen: 0.021 ng
 RT: 3.282 min Scan# 14
 Delta R.T. -0.040 min
 Lab File: BN035890.D
 Acq: 06 Jan 2025 10:41

Tgt Ion: 88 Resp: 40
 Ion Ratio Lower Upper
 88 100
 43 25.0 32.7 49.1#
 58 0.0 63.0 94.4#

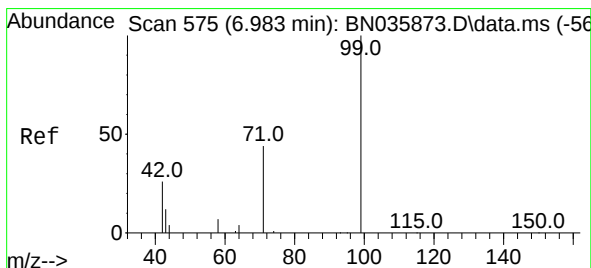
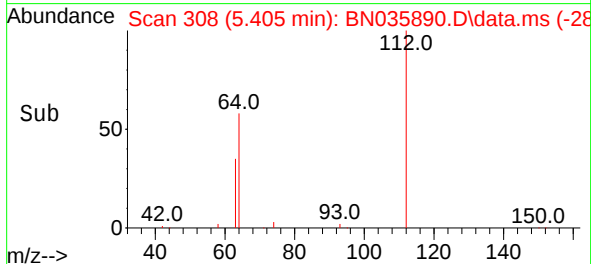
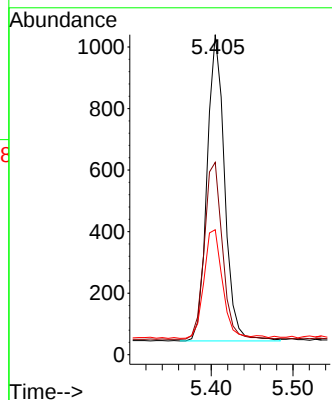
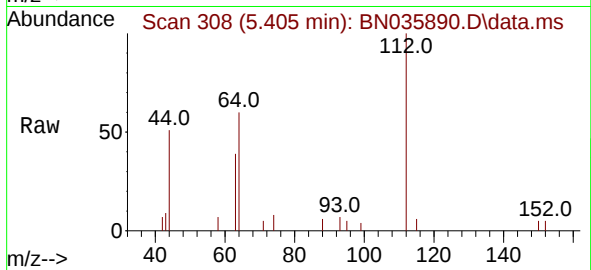




#4
2-Fluorophenol
Concen: 0.321 ng
RT: 5.405 min Scan# 308
Delta R.T. -0.004 min
Lab File: BN035890.D
Acq: 06 Jan 2025 10:41

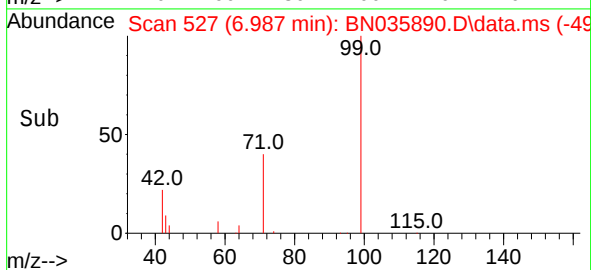
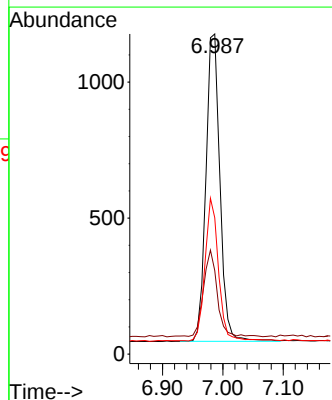
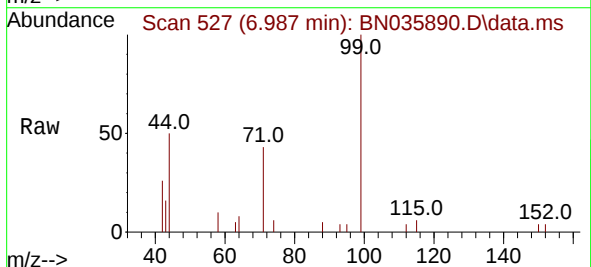
Instrument :
BNA_N
ClientSampleId :
PB165947BL

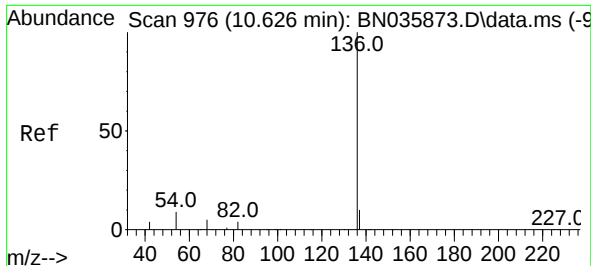
Tgt Ion:112 Resp: 1490
Ion Ratio Lower Upper
112 100
64 59.7 48.2 72.2
63 38.0 30.0 45.0



#5
Phenol-d6
Concen: 0.318 ng
RT: 6.987 min Scan# 527
Delta R.T. 0.003 min
Lab File: BN035890.D
Acq: 06 Jan 2025 10:41

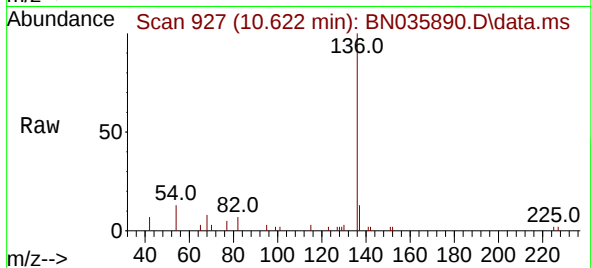
Tgt Ion: 99 Resp: 1830
Ion Ratio Lower Upper
99 100
42 28.4 23.5 35.3
71 44.6 35.5 53.3



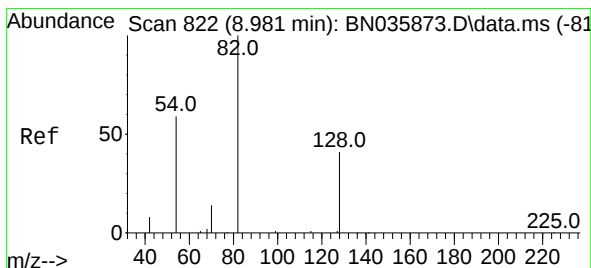
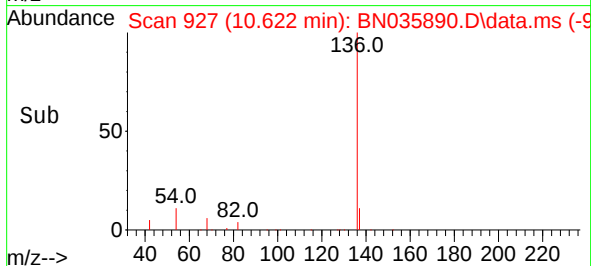
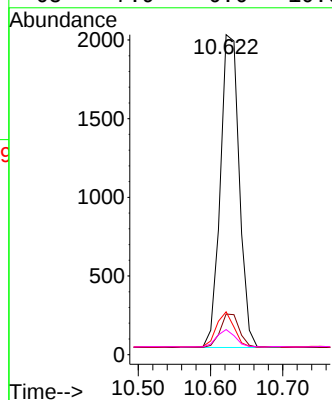


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.622 min Scan# 91
Delta R.T. -0.004 min
Lab File: BN035890.D
Acq: 06 Jan 2025 10:41

Instrument :
BNA_N
ClientSampleId :
PB165947BL

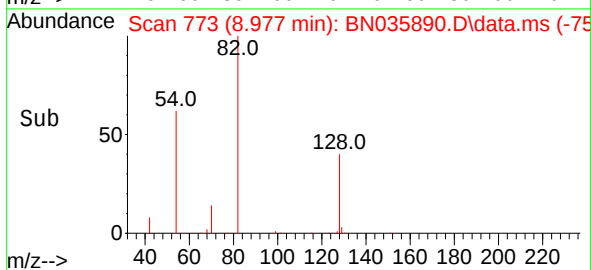
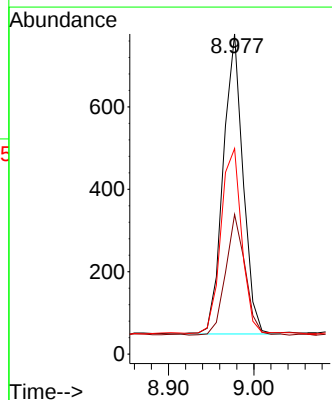
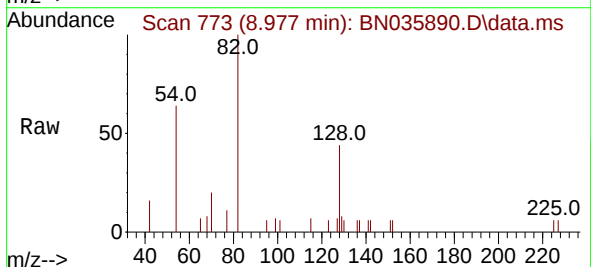


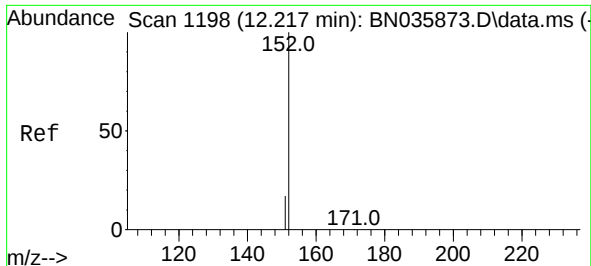
Tgt Ion:	136	Resp:	3618
Ion	Ratio	Lower	Upper
136	100		
137	12.7	10.6	15.8
54	13.4	9.8	14.6
68	7.9	6.6	10.0



#8
Nitrobenzene-d5
Concen: 0.411 ng
RT: 8.977 min Scan# 773
Delta R.T. -0.004 min
Lab File: BN035890.D
Acq: 06 Jan 2025 10:41

Tgt Ion:	82	Resp:	1177
Ion	Ratio	Lower	Upper
82	100		
128	43.6	36.9	55.3
54	64.2	50.4	75.6

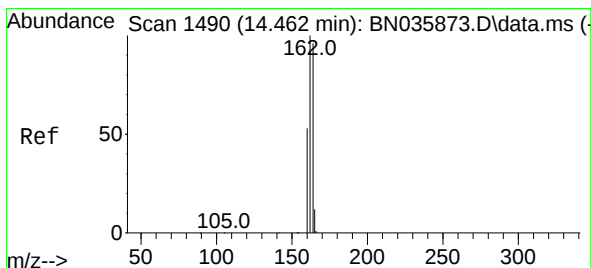
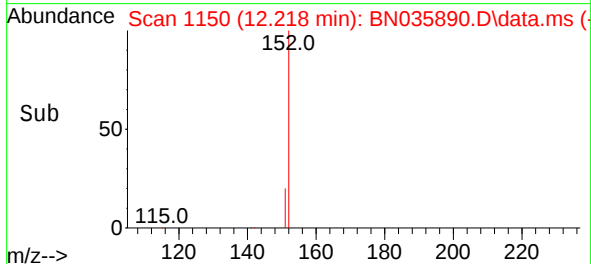
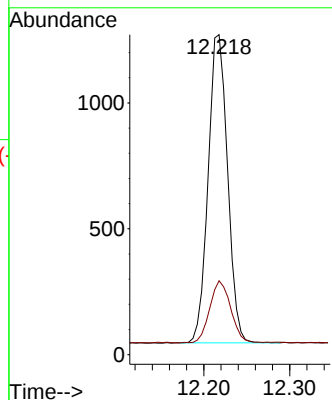
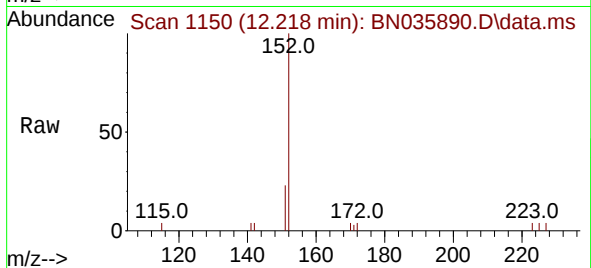




#11
2-Methylnaphthalene-d10
Concen: 0.396 ng
RT: 12.218 min Scan# 1198
Delta R.T. 0.001 min
Lab File: BN035890.D
Acq: 06 Jan 2025 10:41

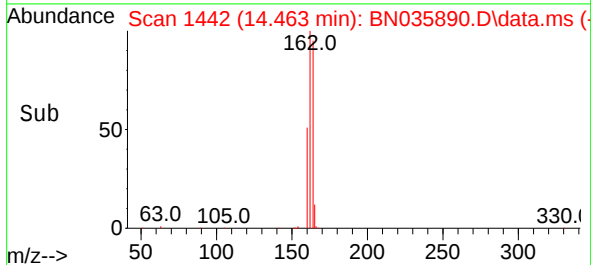
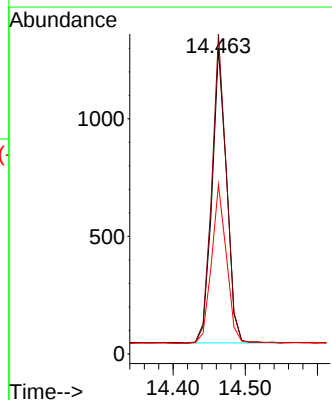
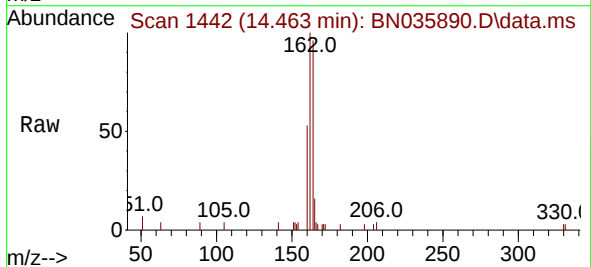
Instrument :
BNA_N
ClientSampleId :
PB165947BL

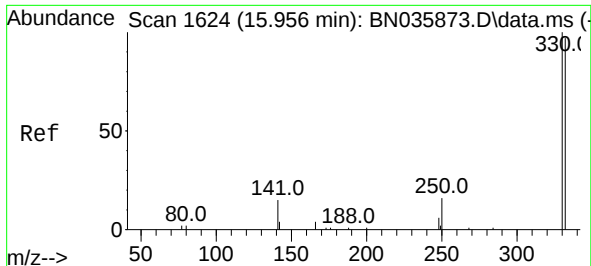
Tgt Ion:152 Resp: 1919
Ion Ratio Lower Upper
152 100
151 21.8 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.463 min Scan# 1442
Delta R.T. 0.001 min
Lab File: BN035890.D
Acq: 06 Jan 2025 10:41

Tgt Ion:164 Resp: 1759
Ion Ratio Lower Upper
164 100
162 104.7 83.1 124.7
160 55.5 46.0 69.0





#14

2,4,6-Tribromophenol

Concen: 0.271 ng

RT: 15.945 min Scan# 1

Delta R.T. -0.011 min

Lab File: BN035890.D

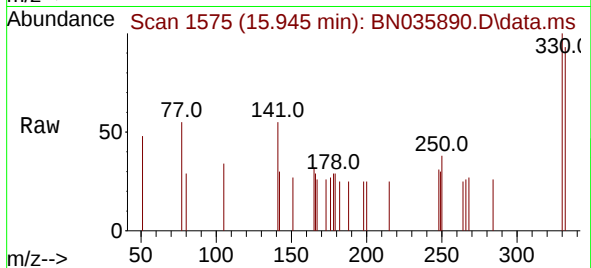
Acq: 06 Jan 2025 10:41

Instrument :

BNA_N

ClientSampleId :

PB165947BL



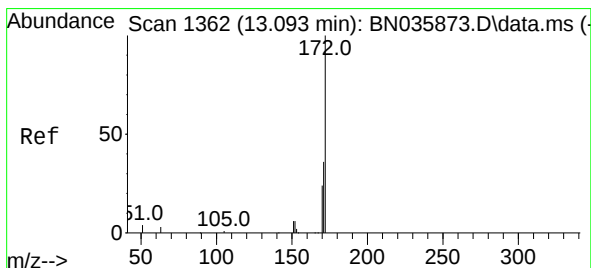
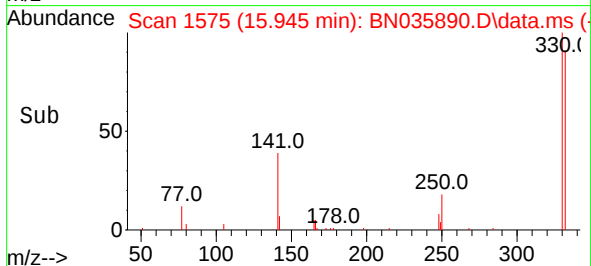
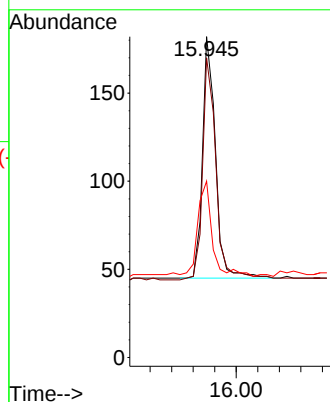
Tgt Ion:330 Resp: 229

Ion Ratio Lower Upper

330 100

332 96.5 77.2 115.8

141 40.6 31.6 47.4



#15

2-Fluorobiphenyl

Concen: 0.393 ng

RT: 13.094 min Scan# 1314

Delta R.T. 0.001 min

Lab File: BN035890.D

Acq: 06 Jan 2025 10:41

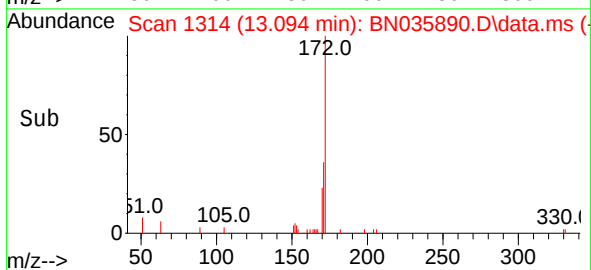
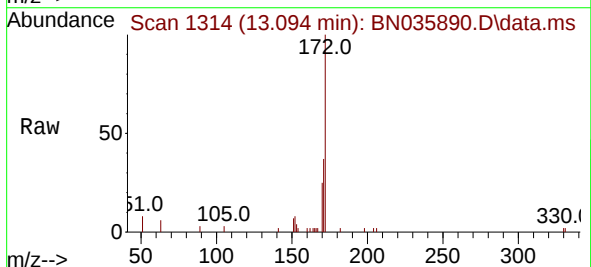
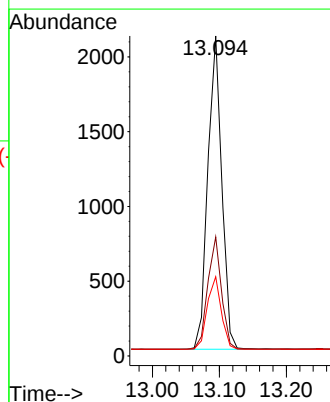
Tgt Ion:172 Resp: 3030

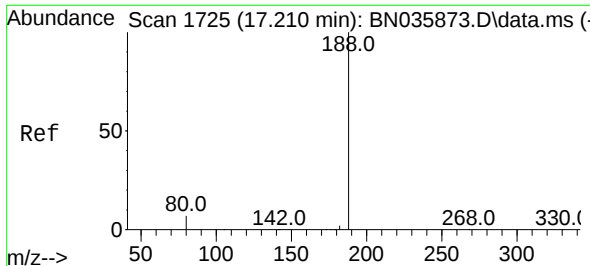
Ion Ratio Lower Upper

172 100

171 37.2 30.5 45.7

170 24.8 20.8 31.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.199 min Scan# 1

Delta R.T. -0.011 min

Lab File: BN035890.D

Acq: 06 Jan 2025 10:41

Instrument :

BNA_N

ClientSampleId :

PB165947BL

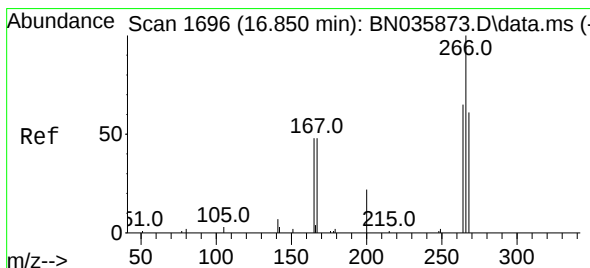
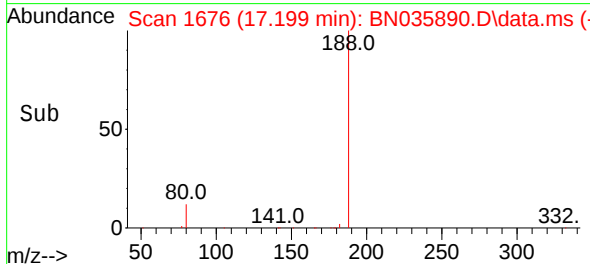
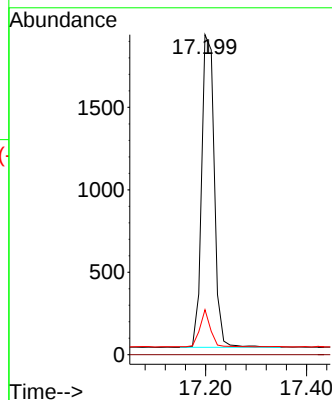
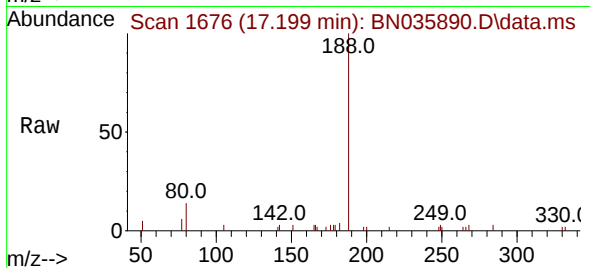
Tgt Ion:188 Resp: 3309

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.1 7.3 10.9#



#24

Pentachlorophenol

Concen: 0.026 ng

RT: 16.851 min Scan# 1648

Delta R.T. 0.001 min

Lab File: BN035890.D

Acq: 06 Jan 2025 10:41

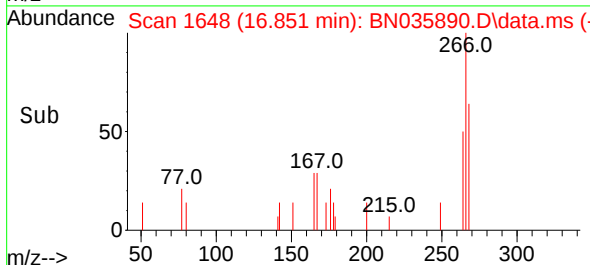
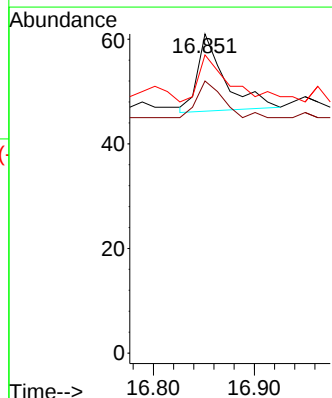
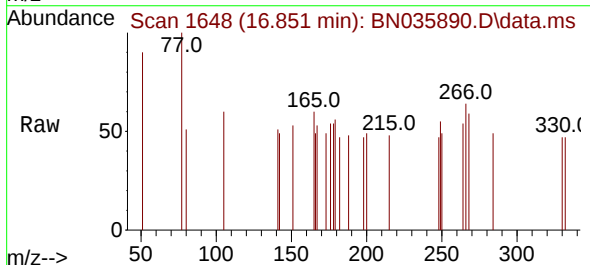
Tgt Ion:266 Resp: 28

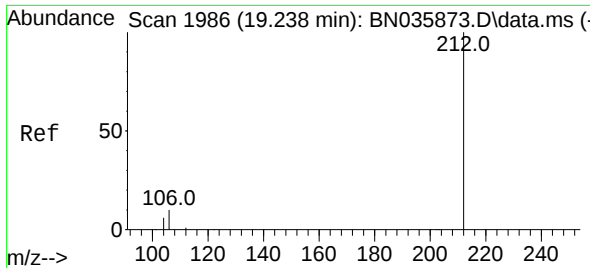
Ion Ratio Lower Upper

266 100

264 46.4 49.9 74.9#

268 71.4 50.2 75.2

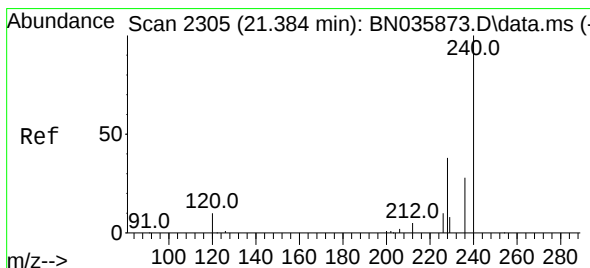
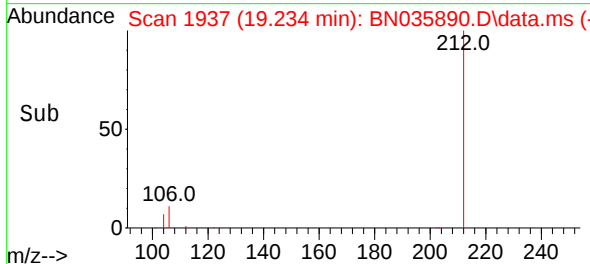
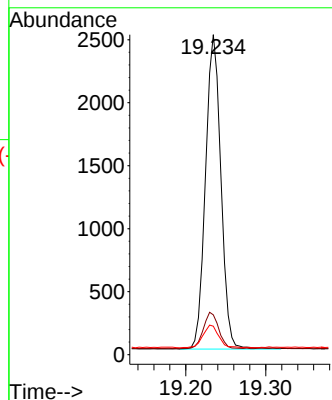
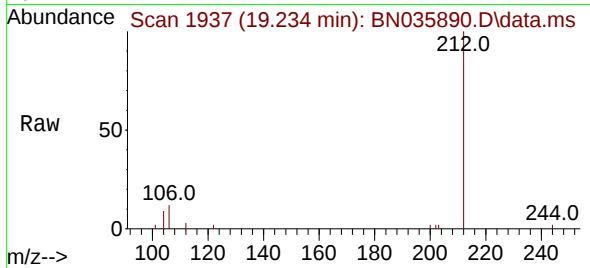




#27
Fluoranthene-d10
Concen: 0.406 ng
RT: 19.234 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN035890.D
Acq: 06 Jan 2025 10:41

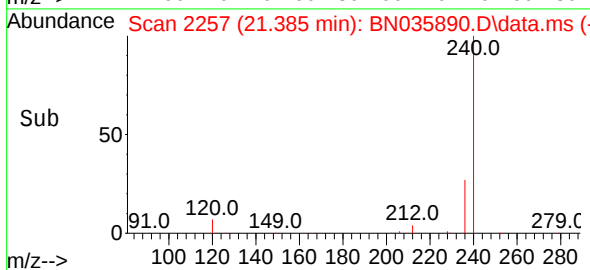
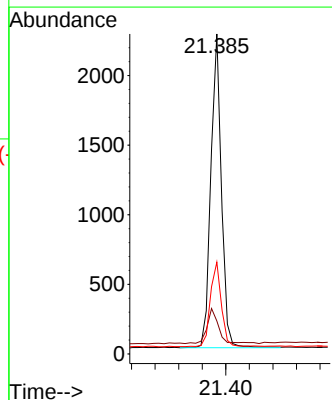
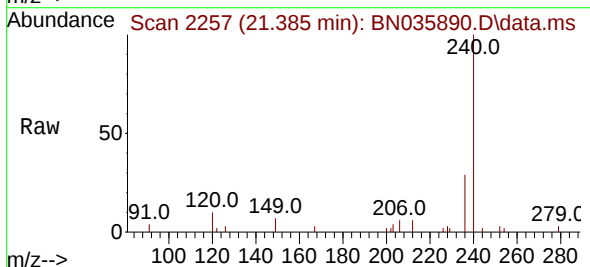
Instrument :
BNA_N
ClientSampleId :
PB165947BL

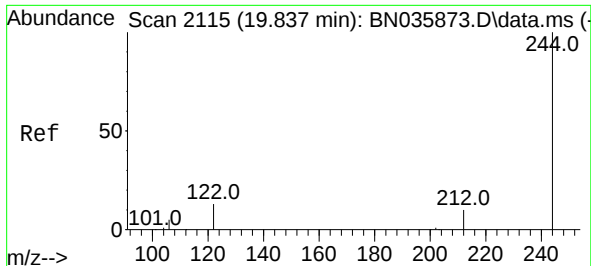
Tgt Ion:212 Resp: 3334
Ion Ratio Lower Upper
212 100
106 11.6 9.0 13.6
104 7.4 5.4 8.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.385 min Scan# 2257
Delta R.T. 0.001 min
Lab File: BN035890.D
Acq: 06 Jan 2025 10:41

Tgt Ion:240 Resp: 2801
Ion Ratio Lower Upper
240 100
120 10.3 11.1 16.7#
236 28.7 24.6 36.8

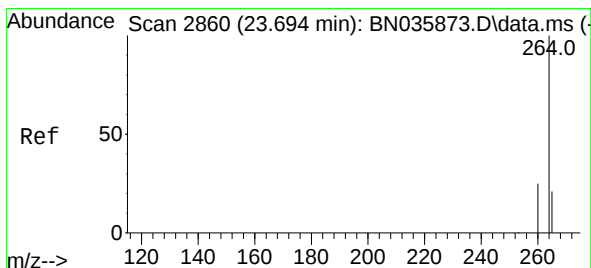
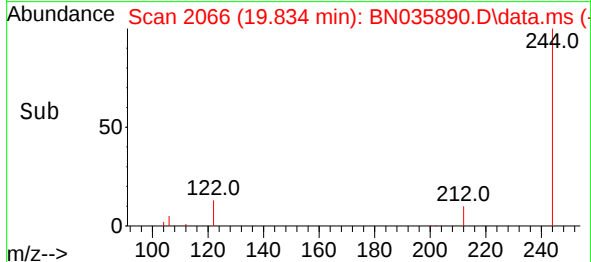
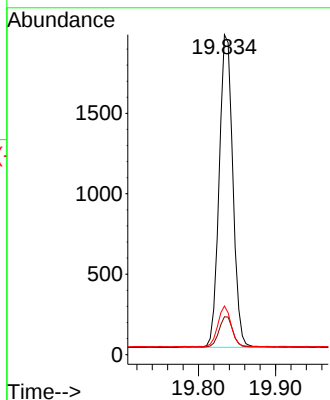
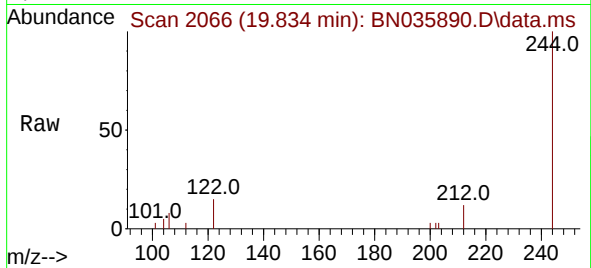




#31
Terphenyl-d14
Concen: 0.427 ng
RT: 19.834 min Scan# 2066
Delta R.T. -0.004 min
Lab File: BN035890.D
Acq: 06 Jan 2025 10:41

Instrument :
BNA_N
ClientSampleId :
PB165947BL

Tgt Ion:244 Resp: 2384
Ion Ratio Lower Upper
244 100
212 11.8 10.1 15.1
122 15.2 12.2 18.4



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.686 min Scan# 2809
Delta R.T. -0.008 min
Lab File: BN035890.D
Acq: 06 Jan 2025 10:41

Tgt Ion:264 Resp: 3280
Ion Ratio Lower Upper
264 100
260 27.3 21.7 32.5
265 40.9 33.9 50.9

