

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032825\
 Data File : BN036802.D
 Acq On : 29 Mar 2025 09:20
 Operator : RC/JU
 Sample : Q1629-11
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 FB03-20250321

Quant Time: Mar 31 01:59:42 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)

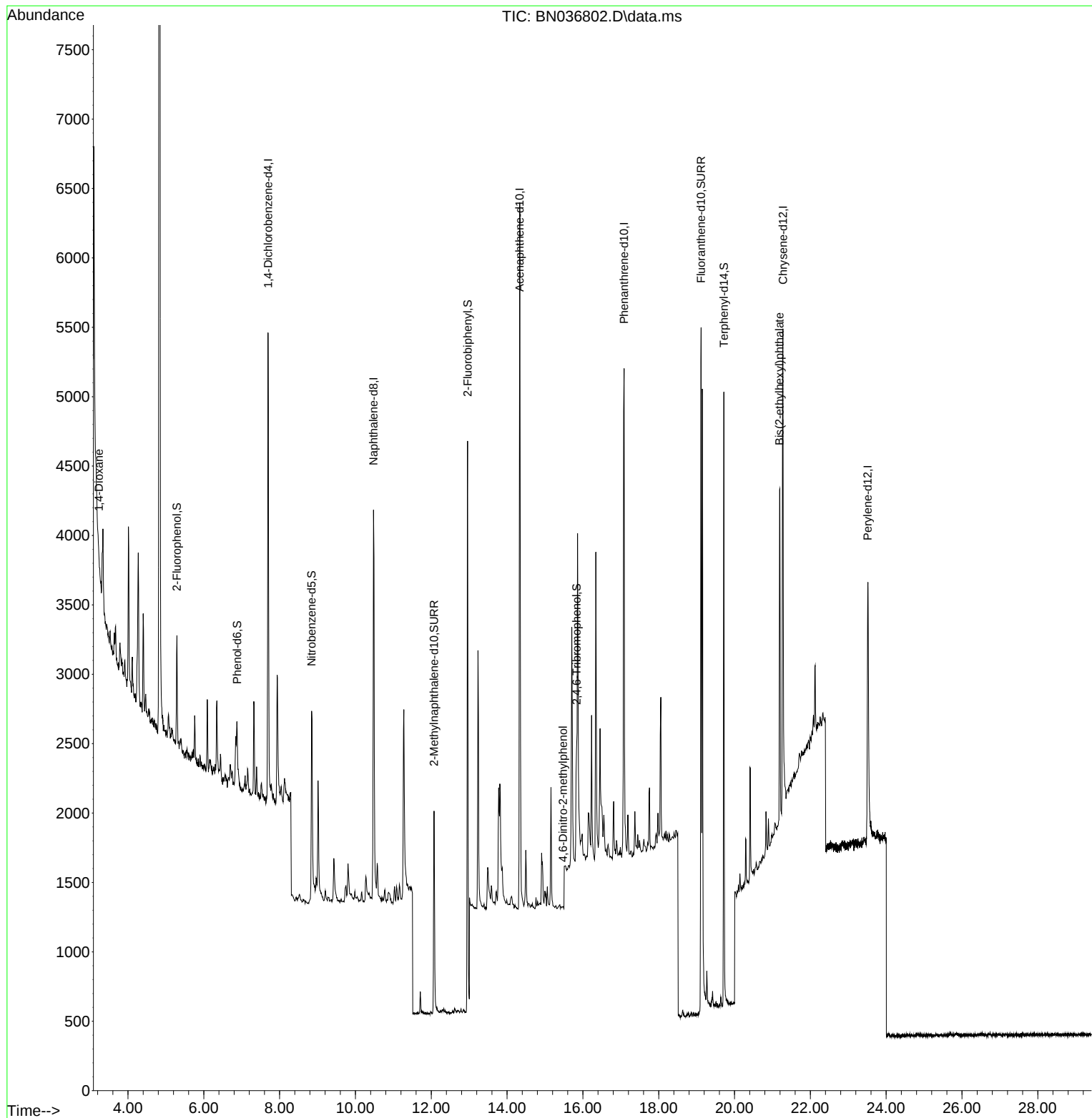
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.695	152	1678	0.400	ng	-0.03
7) Naphthalene-d8	10.477	136	4131	0.400	ng	-0.03
13) Acenaphthene-d10	14.334	164	2695	0.400	ng	-0.03
19) Phenanthrene-d10	17.086	188	5610	0.400	ng	-0.02
29) Chrysene-d12	21.277	240	4075	0.400	ng	#-0.02
35) Perylene-d12	23.516	264	3144	0.400	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	588	0.150	ng	-0.02
5) Phenol-d6	6.879	99	394	0.082	ng	-0.02
8) Nitrobenzene-d5	8.843	82	1400	0.312	ng	-0.03
11) 2-Methylnaphthalene-d10	12.075	152	2125	0.346	ng	-0.04
14) 2,4,6-Tribromophenol	15.833	330	500	0.409	ng	-0.02
15) 2-Fluorobiphenyl	12.958	172	5138	0.328	ng	-0.03
27) Fluoranthene-d10	19.118	212	5960	0.415	ng	-0.02
31) Terphenyl-d14	19.717	244	4217	0.432	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.232	88	60	0.032	ng	# 15
20) 4,6-Dinitro-2-methylph...	15.478	198	8	0.151	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.187	149	2789	0.276	ng	# 96

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

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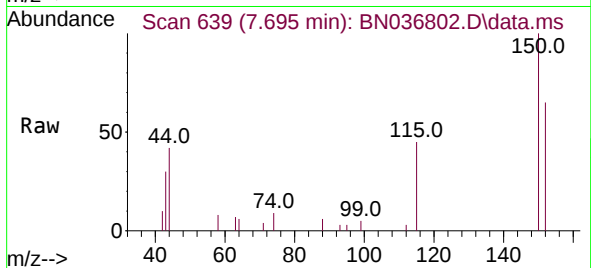
Quant Time: Mar 31 01:59:42 2025
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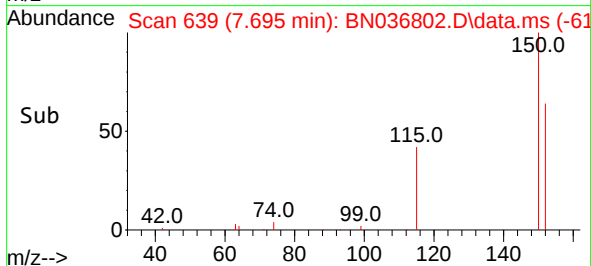
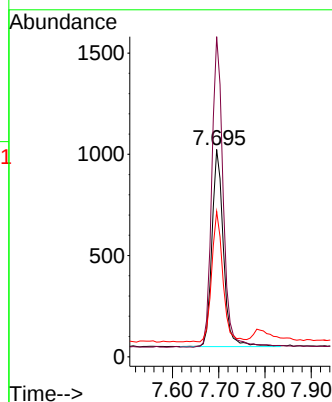
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.695 min Scan# 61
 Delta R.T. -0.029 min
 Lab File: BN036802.D
 Acq: 29 Mar 2025 09:20

Instrument :
 BNA_N
 ClientSampleId :
 FB03-20250321



Tgt Ion:152 Resp: 1678

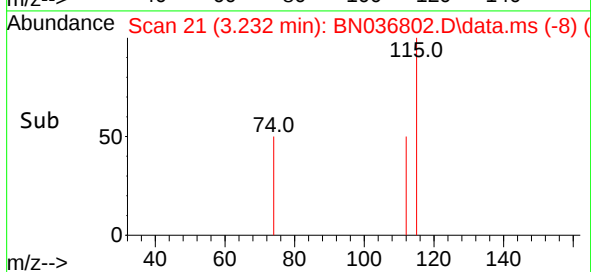
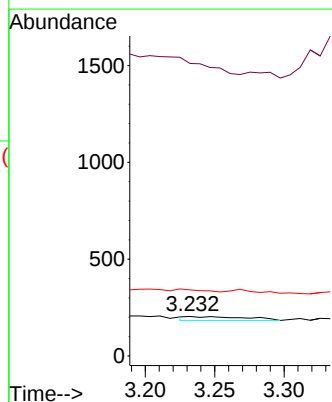
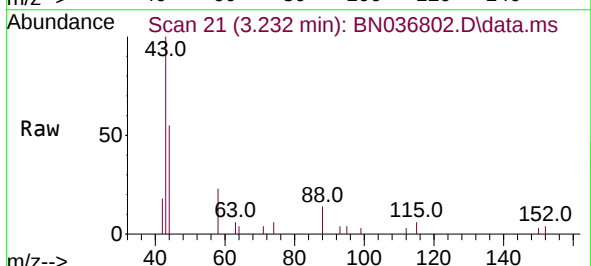
Ion	Ratio	Lower	Upper
152	100		
150	154.4	123.7	185.5
115	70.0	54.3	81.5



#2
 1,4-Dioxane
 Concen: 0.032 ng
 RT: 3.232 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BN036802.D
 Acq: 29 Mar 2025 09:20

Tgt Ion: 88 Resp: 60

Ion	Ratio	Lower	Upper
88	100		
43	0.0	37.8	56.8#
58	0.0	67.4	101.2#

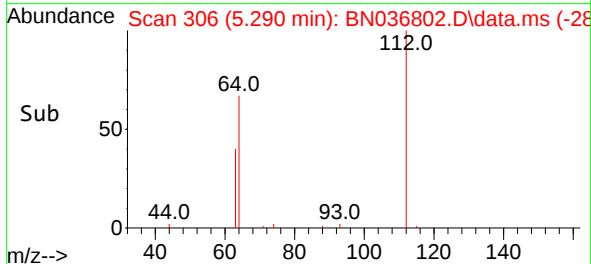
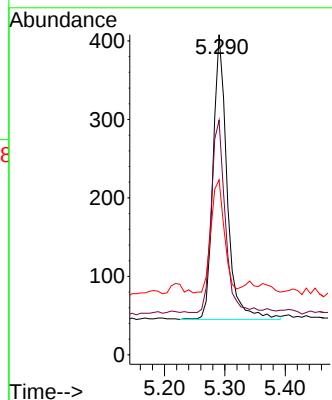
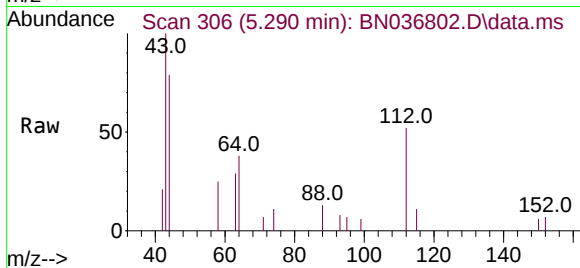




#4
2-Fluorophenol
Concen: 0.150 ng
RT: 5.290 min Scan# 309
Delta R.T. -0.022 min
Lab File: BN036802.D
Acq: 29 Mar 2025 09:20

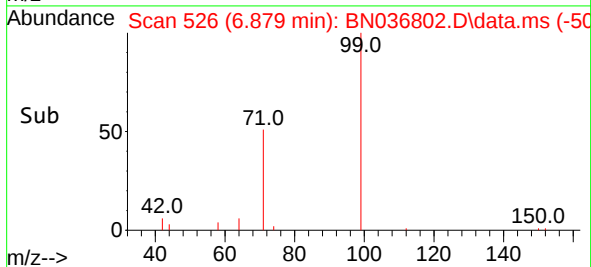
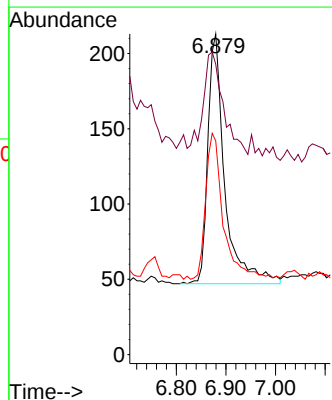
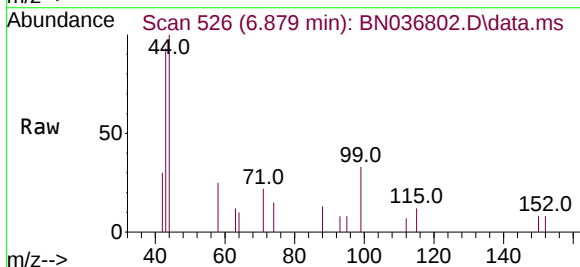
Instrument :
BNA_N
ClientSampleId :
FB03-20250321

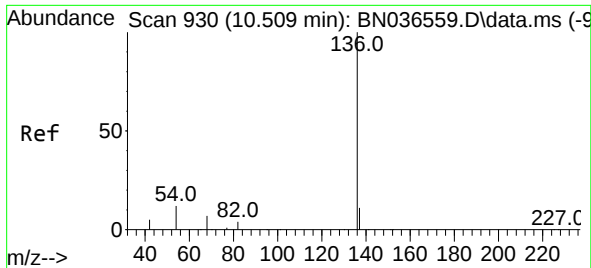
Tgt Ion:112 Resp: 588
Ion Ratio Lower Upper
112 100
64 66.8 53.1 79.7
63 37.8 31.8 47.8



#5
Phenol-d6
Concen: 0.082 ng
RT: 6.879 min Scan# 526
Delta R.T. -0.022 min
Lab File: BN036802.D
Acq: 29 Mar 2025 09:20

Tgt Ion: 99 Resp: 394
Ion Ratio Lower Upper
99 100
42 49.2 26.5 39.7#
71 61.2 34.1 51.1#

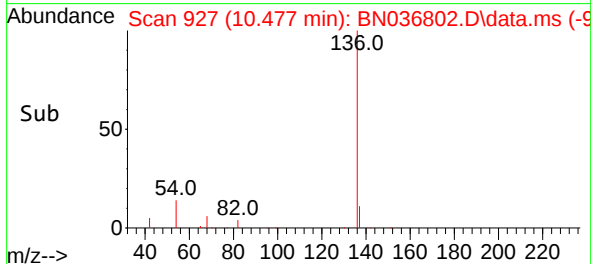
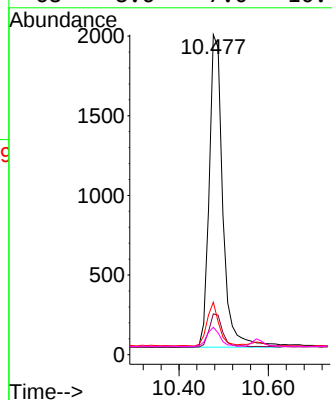
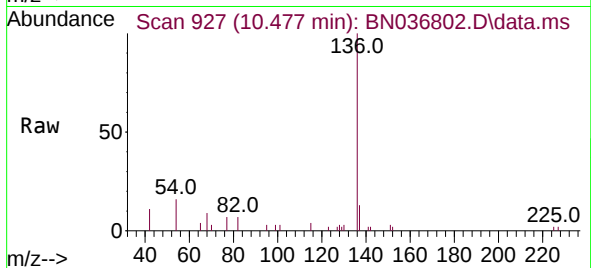




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.477 min Scan# 91
Delta R.T. -0.032 min
Lab File: BN036802.D
Acq: 29 Mar 2025 09:20

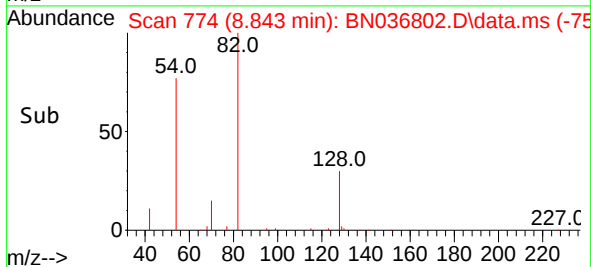
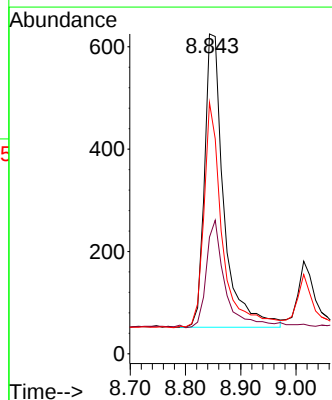
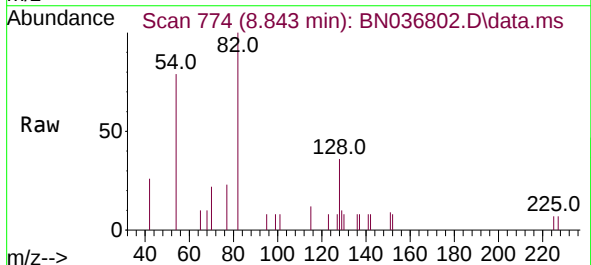
Instrument :
BNA_N
ClientSampleId :
FB03-20250321

Tgt Ion:	136	Resp:	4131
Ion	Ratio	Lower	Upper
136	100		
137	12.7	10.3	15.5
54	16.4	11.5	17.3
68	8.6	7.0	10.4



#8
Nitrobenzene-d5
Concen: 0.312 ng
RT: 8.843 min Scan# 774
Delta R.T. -0.032 min
Lab File: BN036802.D
Acq: 29 Mar 2025 09:20

Tgt Ion:	82	Resp:	1400
Ion	Ratio	Lower	Upper
82	100		
128	36.5	30.6	45.8
54	78.6	52.2	78.4

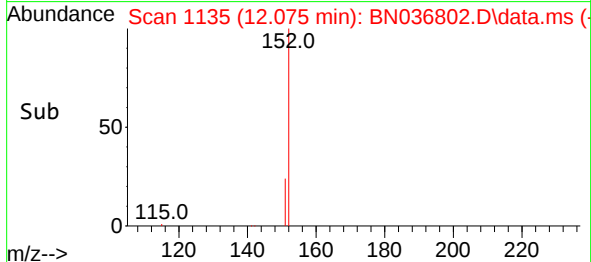
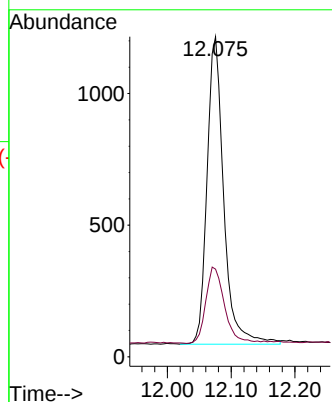
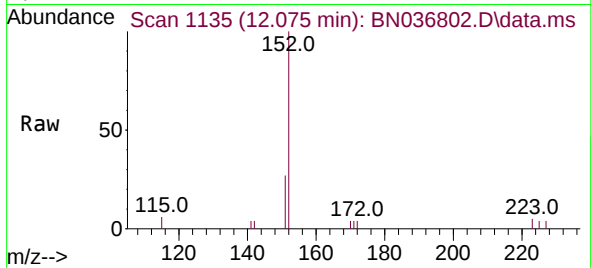




#11
2-Methylnaphthalene-d10
Concen: 0.346 ng
RT: 12.075 min Scan# 1142
Delta R.T. -0.035 min
Lab File: BN036802.D
Acq: 29 Mar 2025 09:20

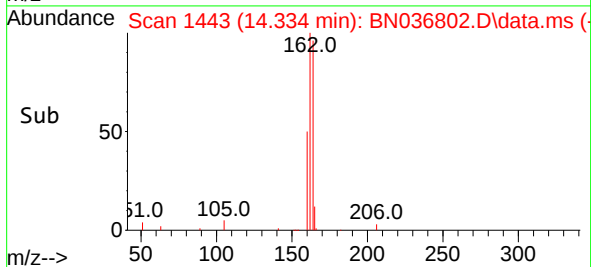
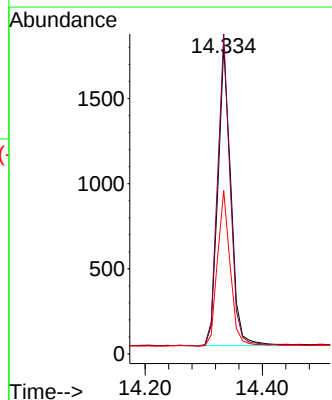
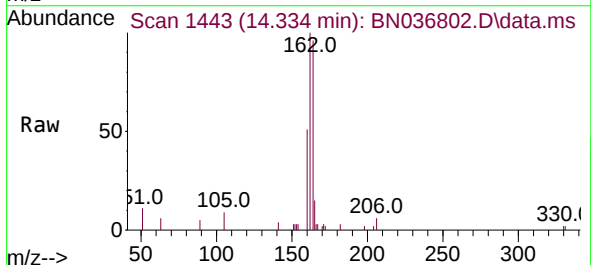
Instrument :
BNA_N
ClientSampleId :
FB03-20250321

Tgt Ion:152 Resp: 2125
Ion Ratio Lower Upper
152 100
151 27.6 17.0 25.6#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 1443
Delta R.T. -0.032 min
Lab File: BN036802.D
Acq: 29 Mar 2025 09:20

Tgt Ion:164 Resp: 2695
Ion Ratio Lower Upper
164 100
162 103.9 84.2 126.2
160 53.0 42.2 63.2

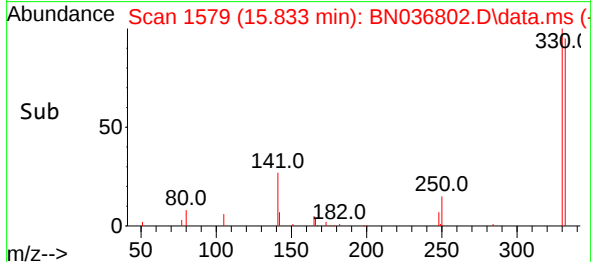
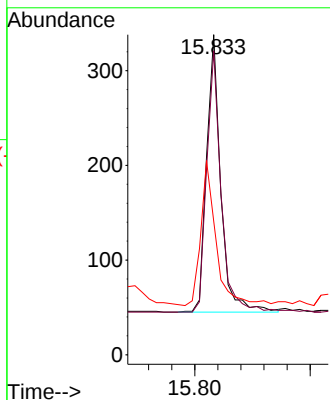
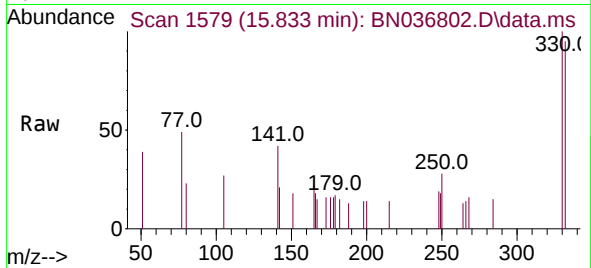




#14
2,4,6-Tribromophenol
Concen: 0.409 ng
RT: 15.833 min Scan# 11
Delta R.T. -0.025 min
Lab File: BN036802.D
Acq: 29 Mar 2025 09:20

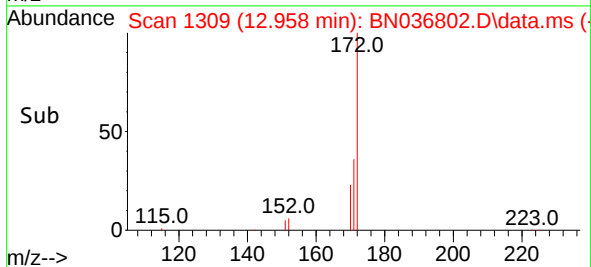
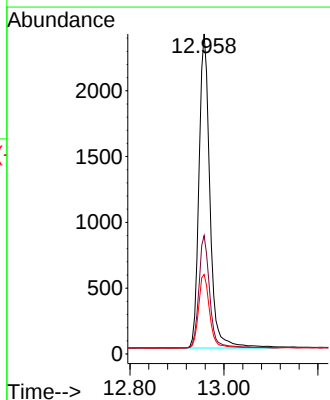
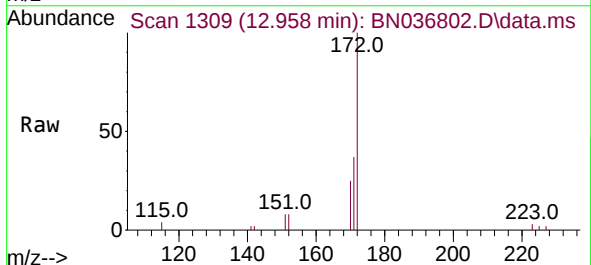
Instrument :
BNA_N
ClientSampleId :
FB03-20250321

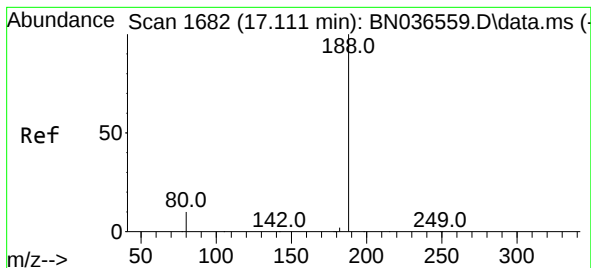
Tgt Ion:330 Resp: 500
Ion Ratio Lower Upper
330 100
332 95.6 75.2 112.8
141 56.6 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.328 ng
RT: 12.958 min Scan# 1309
Delta R.T. -0.030 min
Lab File: BN036802.D
Acq: 29 Mar 2025 09:20

Tgt Ion:172 Resp: 5138
Ion Ratio Lower Upper
172 100
171 37.0 29.5 44.3
170 24.8 20.2 30.4





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.086 min Scan# 1

Delta R.T. -0.025 min

Lab File: BN036802.D

Acq: 29 Mar 2025 09:20

Instrument :

BNA_N

ClientSampleId :

FB03-20250321

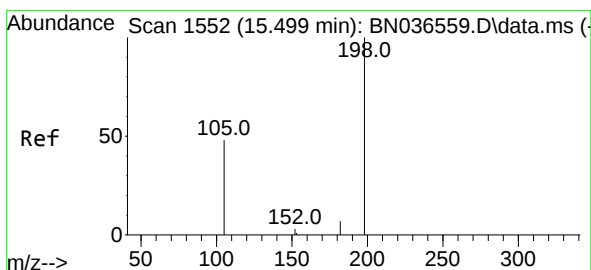
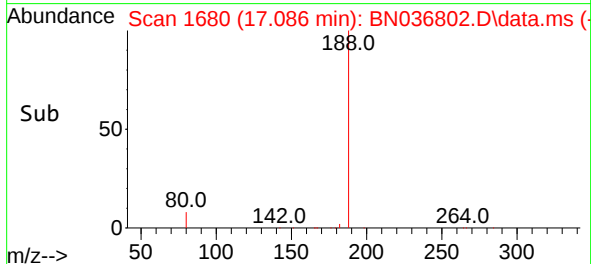
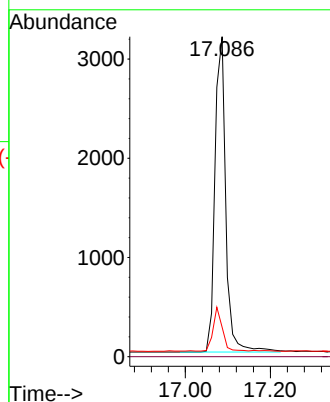
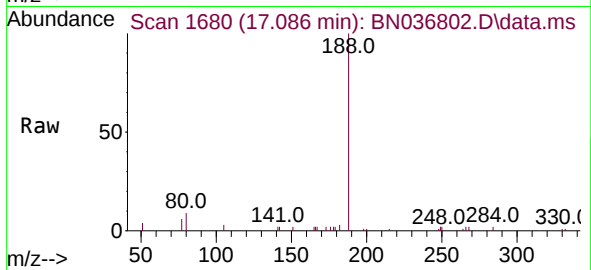
Tgt Ion:188 Resp: 5610

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.2 8.8 13.2



#20

4,6-Dinitro-2-methylphenol

Concen: 0.151 ng

RT: 15.478 min Scan# 1550

Delta R.T. -0.021 min

Lab File: BN036802.D

Acq: 29 Mar 2025 09:20

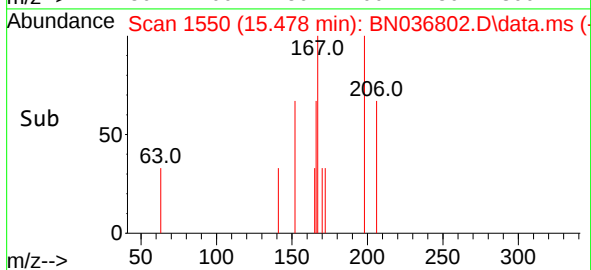
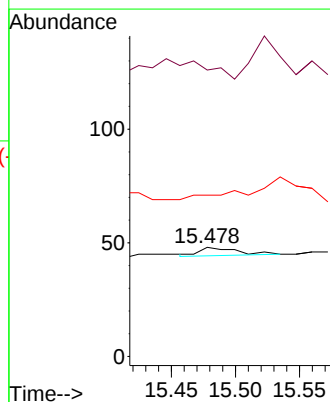
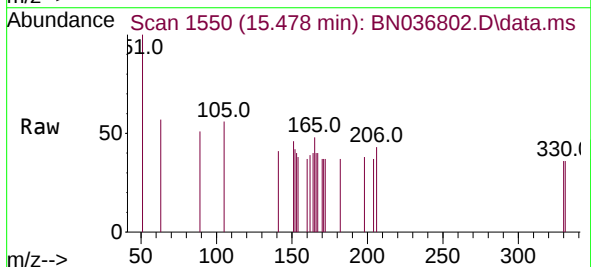
Tgt Ion:198 Resp: 8

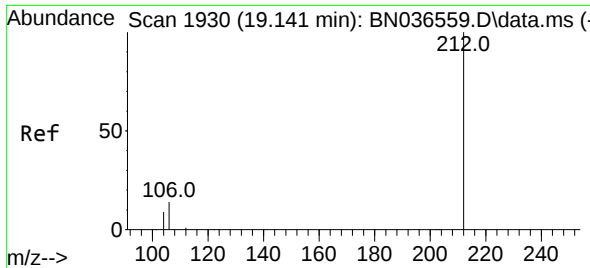
Ion Ratio Lower Upper

198 100

51 262.5 107.9 161.9#

105 147.9 56.2 84.2#

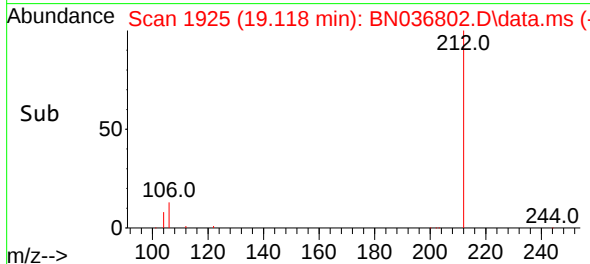
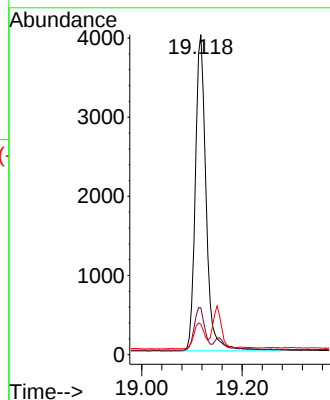
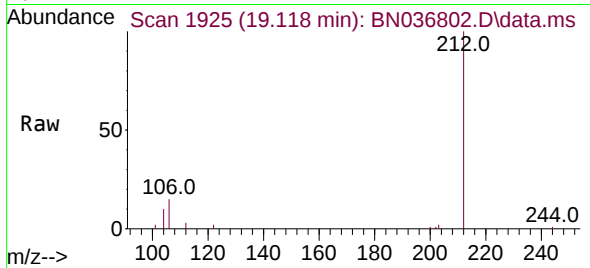




#27
Fluoranthene-d10
Concen: 0.415 ng
RT: 19.118 min Scan# 19
Delta R.T. -0.023 min
Lab File: BN036802.D
Acq: 29 Mar 2025 09:20

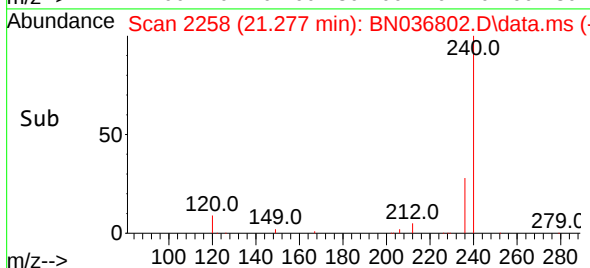
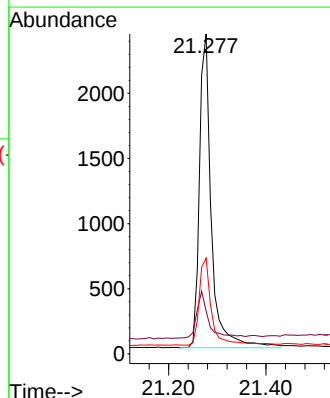
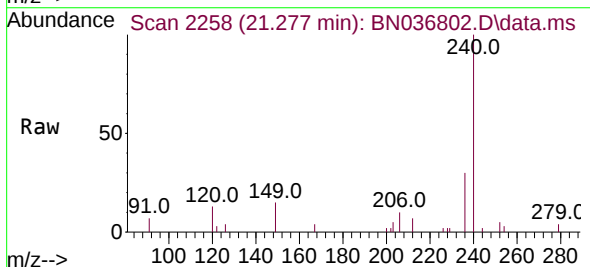
Instrument :
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Tgt Ion:212 Resp: 5960
Ion Ratio Lower Upper
212 100
106 13.5 11.8 17.6
104 8.0 7.3 10.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 2258
Delta R.T. -0.018 min
Lab File: BN036802.D
Acq: 29 Mar 2025 09:20

Tgt Ion:240 Resp: 4075
Ion Ratio Lower Upper
240 100
120 13.4 14.6 22.0#
236 30.0 24.1 36.1

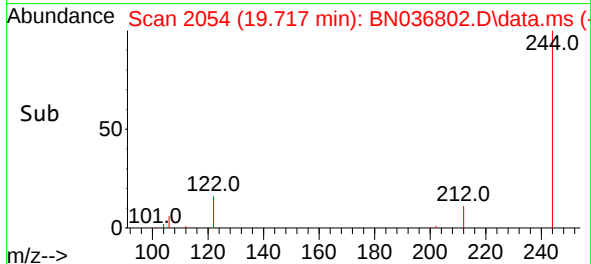
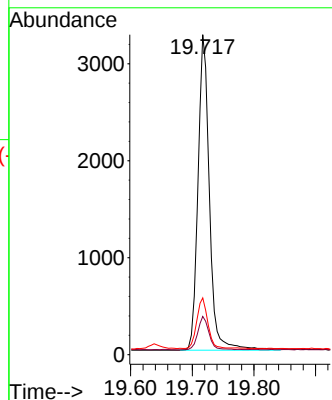
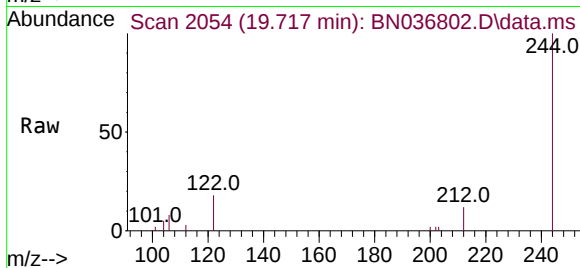




#31
 Terphenyl-d14
 Concen: 0.432 ng
 RT: 19.717 min Scan# 2060
 Delta R.T. -0.028 min
 Lab File: BN036802.D
 Acq: 29 Mar 2025 09:20

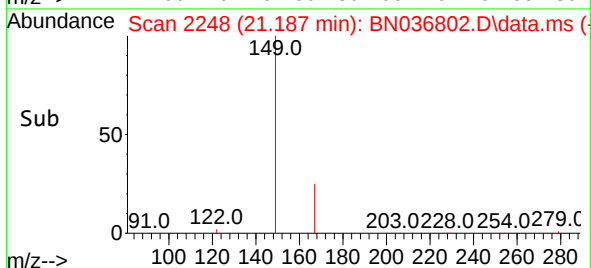
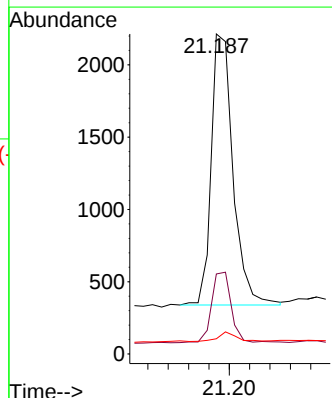
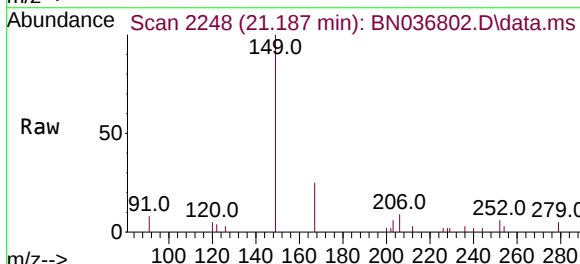
Instrument :
 BNA_N
 ClientSampleId :
 FB03-20250321

Tgt Ion:244 Resp: 4217
 Ion Ratio Lower Upper
 244 100
 212 11.9 9.6 14.4
 122 17.7 13.9 20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.276 ng
 RT: 21.187 min Scan# 2248
 Delta R.T. -0.027 min
 Lab File: BN036802.D
 Acq: 29 Mar 2025 09:20

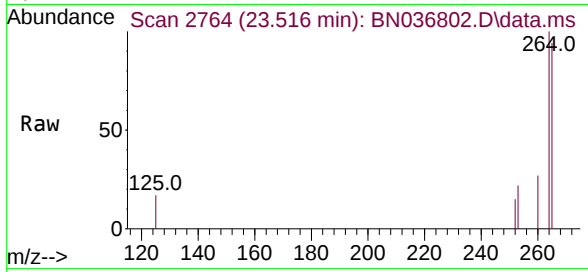
Tgt Ion:149 Resp: 2789
 Ion Ratio Lower Upper
 149 100
 167 23.7 20.7 31.1
 279 2.9 3.6 5.4#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.516 min Scan# 21
Delta R.T. -0.038 min
Lab File: BN036802.D
Acq: 29 Mar 2025 09:20

Instrument :
BNA_N
ClientSampleId :
FB03-20250321



Tgt Ion: 264 Resp: 3144

Ion	Ratio	Lower	Upper
264	100		
260	27.2	22.6	33.8
265	93.6	88.1	132.1

