

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022324\
 Data File : BN029971.D
 Acq On : 23 Feb 2024 23:52
 Operator : MA/JU
 Sample : P1491-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 20241095-39N-N-FIELD-BLANK-1

Quant Time: Feb 24 02:24:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 23:52:05 2024
 Response via : Initial Calibration

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

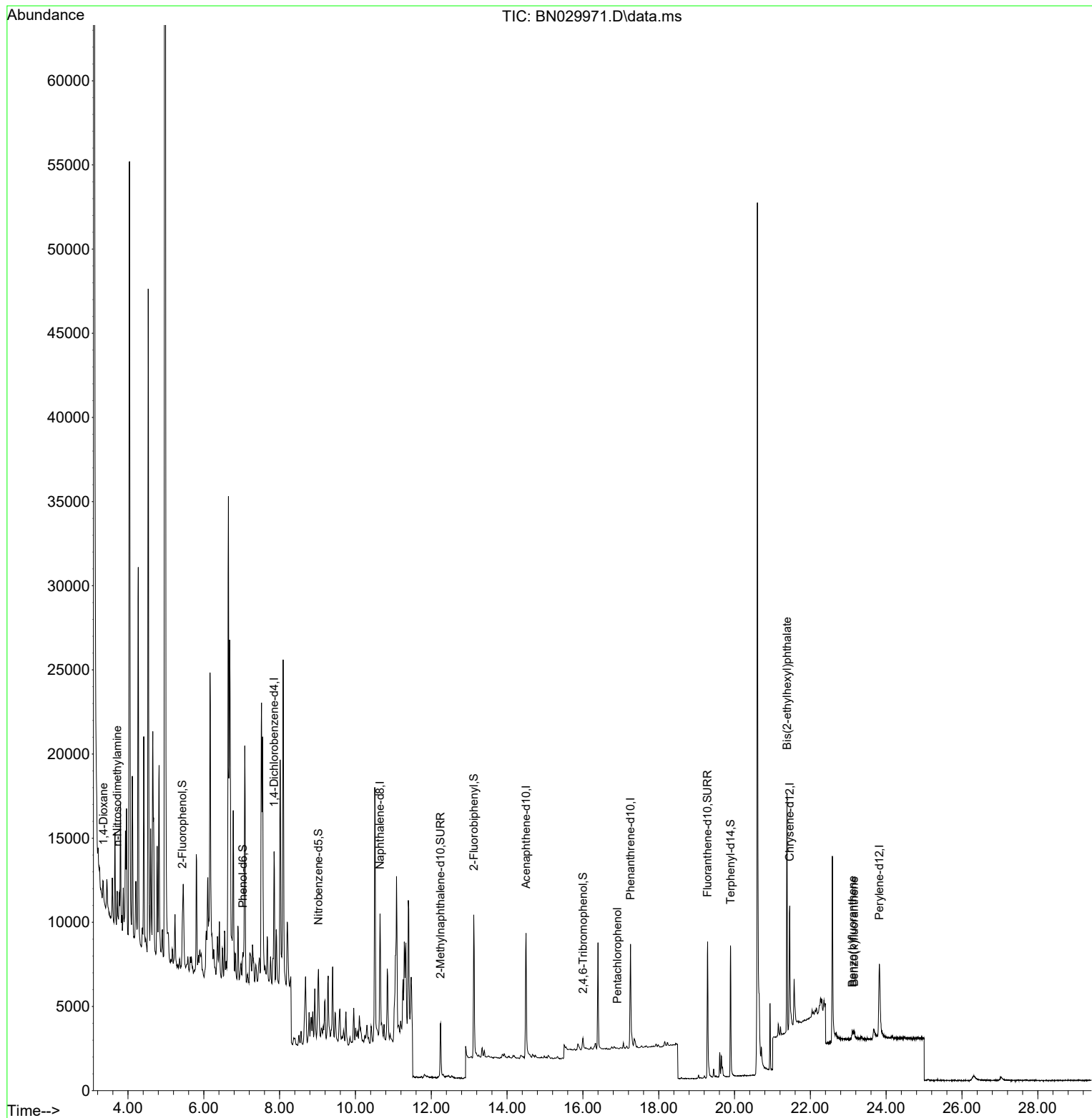
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	4143	0.400	ng	-0.01
7) Naphthalene-d8	10.648	136	10730	0.400	ng	#-0.02
13) Acenaphthene-d10	14.500	164	5198	0.400	ng	-0.01
19) Phenanthrene-d10	17.255	188	9843	0.400	ng	0.00
29) Chrysene-d12	21.456	240	8663	0.400	ng	# 0.00
35) Perylene-d12	23.821	264	8471	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	1247	0.125	ng	0.00
5) Phenol-d6	7.031	99	1245	0.108	ng	0.00
8) Nitrobenzene-d5	9.025	82	3573	0.400	ng	-0.01
11) 2-Methylnaphthalene-d10	12.246	152	4977	0.341	ng	-0.01
14) 2,4,6-Tribromophenol	16.002	330	423	0.254	ng	0.00
15) 2-Fluorobiphenyl	13.121	172	8216	0.368	ng	-0.01
27) Fluoranthene-d10	19.290	212	9926	0.416	ng	0.00
31) Terphenyl-d14	19.898	244	8407	0.391	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.355	88	366	0.063	ng	# 1
3) n-Nitrosodimethylamine	3.716	42	495	0.104	ng	# 1
24) Pentachlorophenol	16.908	266	49	0.022	ng	# 58
34) Bis(2-ethylhexyl)phtha...	21.385	149	13299	0.659	ng	100
37) Benzo(b)fluoranthene	23.107	252	740	0.024	ng	# 1
38) Benzo(k)fluoranthene	23.154	252	702	0.022	ng	# 1

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

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Instrument :
BNA_N
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20241095-39N-N-FIELD-BLANK-1

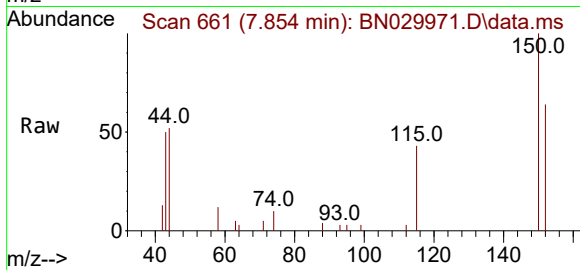
Quant Time: Feb 24 02:24:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 16 23:52:05 2024
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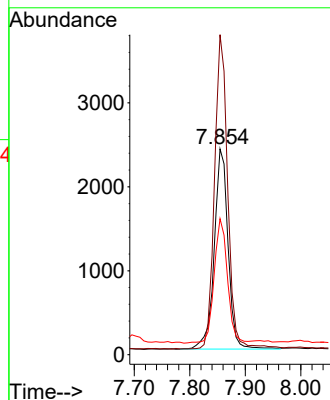
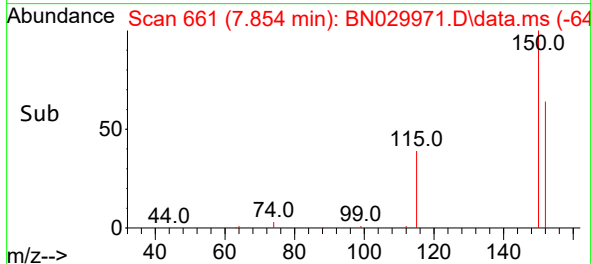


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.854 min Scan# 6
 Delta R.T. -0.015 min
 Lab File: BN029971.D
 Acq: 23 Feb 2024 23:52

Instrument :
 BNA_N
 ClientSampleId :
 20241095-39N-N-FIELD-BLANK-1

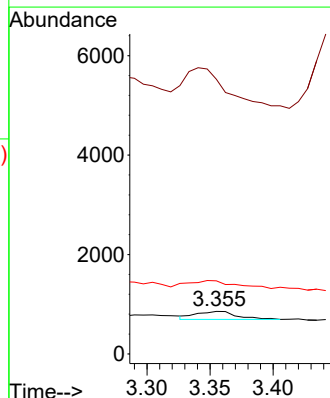
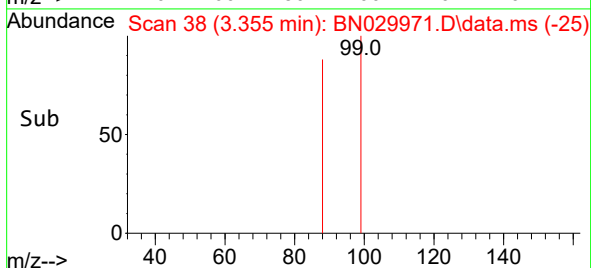
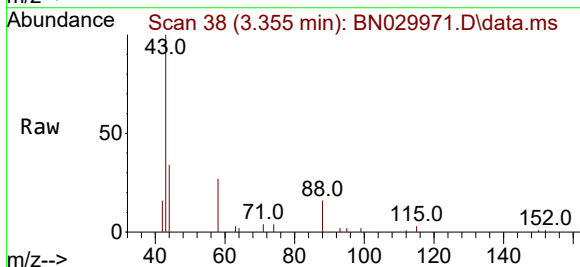


Tgt Ion:152 Resp: 4143
 Ion Ratio Lower Upper
 152 100
 150 155.5 123.0 184.4
 115 66.1 51.4 77.0



#2
 1,4-Dioxane
 Concen: 0.063 ng
 RT: 3.355 min Scan# 38
 Delta R.T. -0.007 min
 Lab File: BN029971.D
 Acq: 23 Feb 2024 23:52

Tgt Ion: 88 Resp: 366
 Ion Ratio Lower Upper
 88 100
 43 534.7 23.3 34.9#
 58 107.9 53.8 80.6#

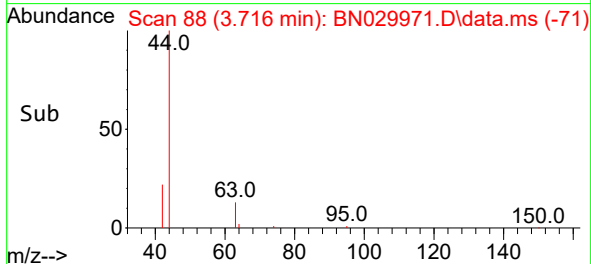
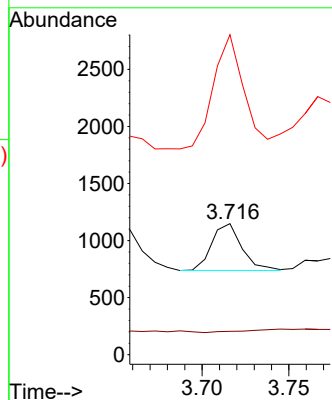
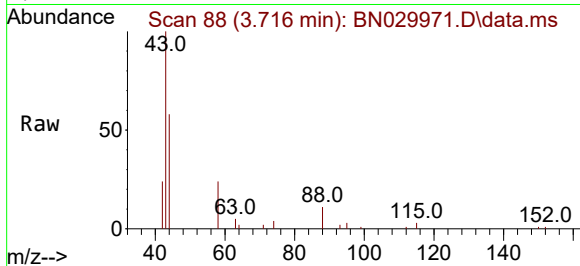




#3
n-Nitrosodimethylamine
Concen: 0.104 ng
RT: 3.716 min Scan# 81
Delta R.T. 0.022 min
Lab File: BN029971.D
Acq: 23 Feb 2024 23:52

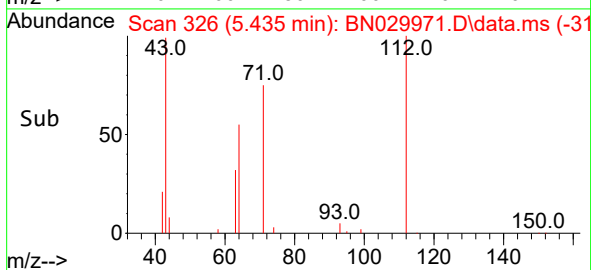
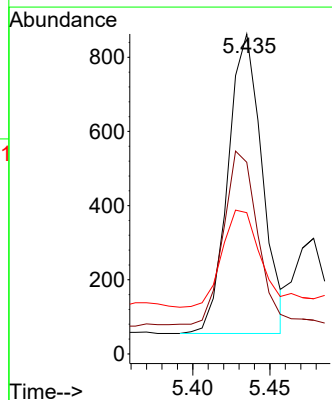
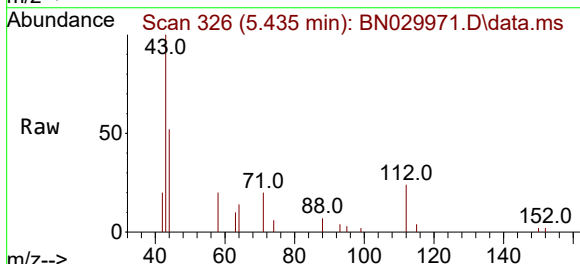
Instrument :
BNA_N
ClientSampleId :
20241095-39N-N-FIELD-BLANK-1

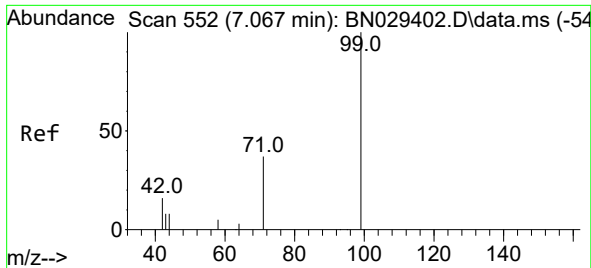
Tgt Ion: 42 Resp: 495
Ion Ratio Lower Upper
42 100
74 0.0 93.7 140.5#
44 245.9 13.0 19.4#



#4
2-Fluorophenol
Concen: 0.125 ng
RT: 5.435 min Scan# 326
Delta R.T. -0.007 min
Lab File: BN029971.D
Acq: 23 Feb 2024 23:52

Tgt Ion: 112 Resp: 1247
Ion Ratio Lower Upper
112 100
64 58.9 47.2 70.8
63 38.6 25.8 38.6

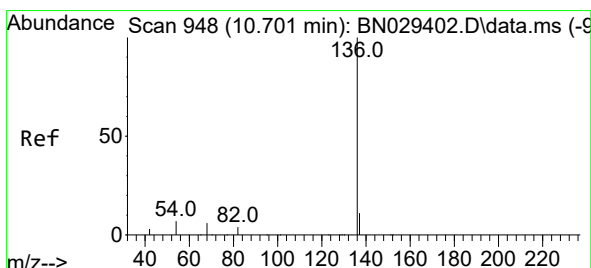
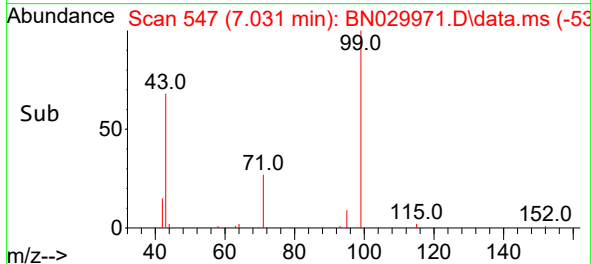
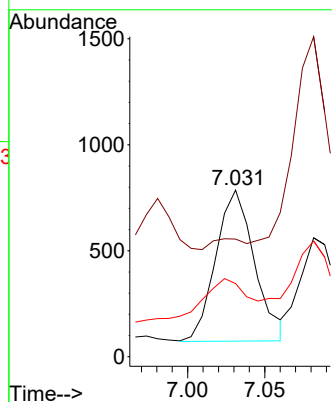
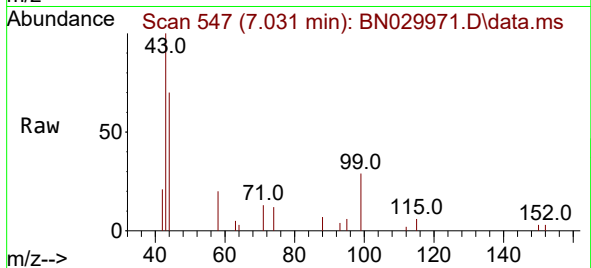




#5
Phenol-d6
Concen: 0.108 ng
RT: 7.031 min Scan# 54
Delta R.T. -0.007 min
Lab File: BN029971.D
Acq: 23 Feb 2024 23:52

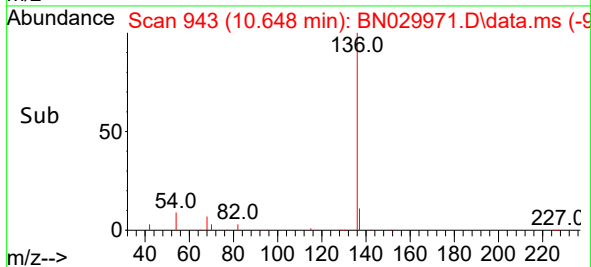
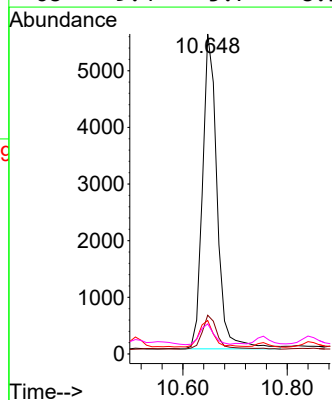
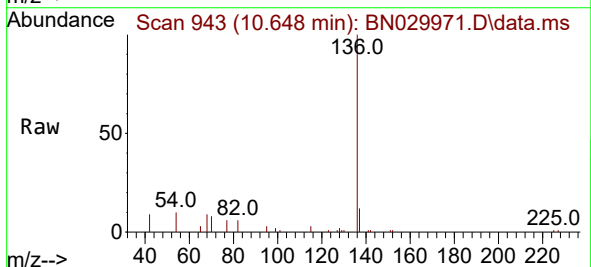
Instrument :
BNA_N
ClientSampleId :
20241095-39N-N-FIELD-BLANK-1

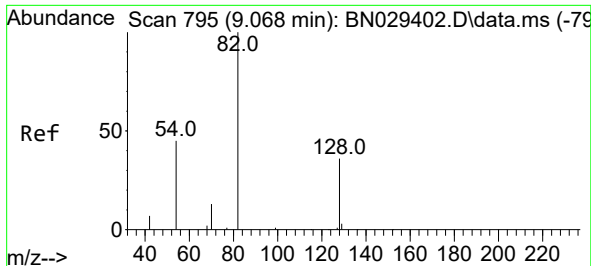
Tgt Ion: 99 Resp: 1245
Ion Ratio Lower Upper
99 100
42 13.6 16.9 25.3#
71 42.2 30.0 45.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 943
Delta R.T. -0.021 min
Lab File: BN029971.D
Acq: 23 Feb 2024 23:52

Tgt Ion: 136 Resp: 10730
Ion Ratio Lower Upper
136 100
137 12.1 9.7 14.5
54 10.5 6.6 10.0#
68 9.4 5.7 8.5#

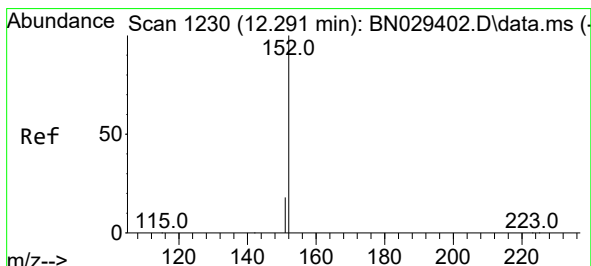
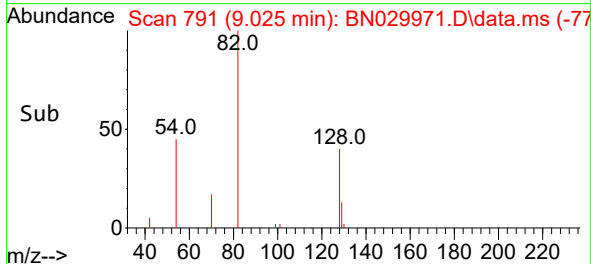
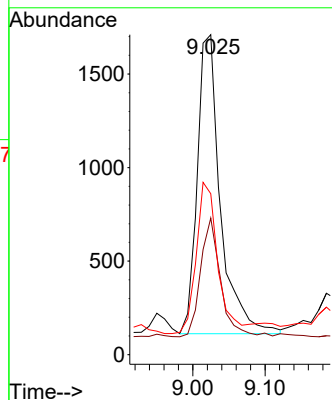
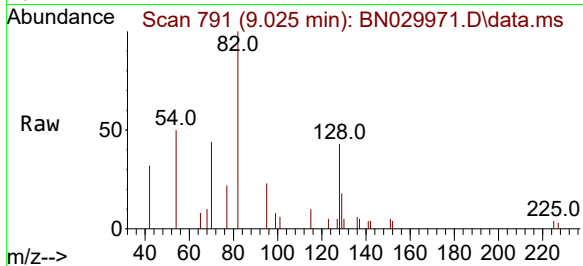




#8
Nitrobenzene-d5
Concen: 0.400 ng
RT: 9.025 min Scan# 791
Delta R.T. -0.011 min
Lab File: BN029971.D
Acq: 23 Feb 2024 23:52

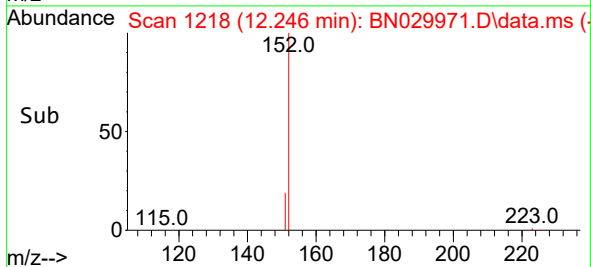
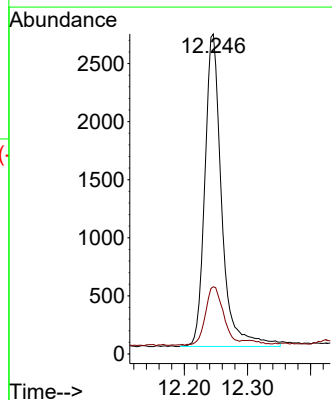
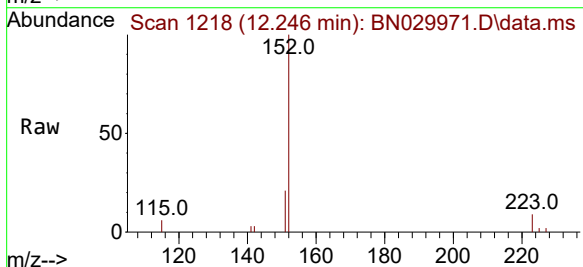
Instrument :
BNA_N
ClientSampleId :
20241095-39N-N-FIELD-BLANK-1

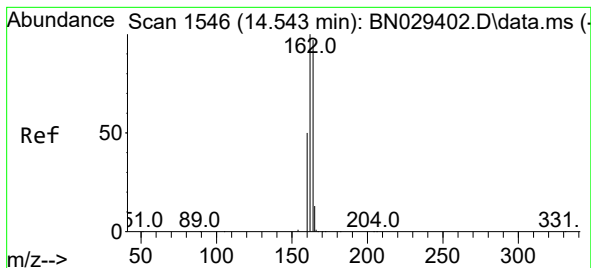
Tgt Ion: 82 Resp: 3573
Ion Ratio Lower Upper
82 100
128 42.7 31.6 47.4
54 50.3 38.2 57.4



#11
2-Methylnaphthalene-d10
Concen: 0.341 ng
RT: 12.246 min Scan# 1218
Delta R.T. -0.011 min
Lab File: BN029971.D
Acq: 23 Feb 2024 23:52

Tgt Ion: 152 Resp: 4977
Ion Ratio Lower Upper
152 100
151 20.0 17.1 25.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.500 min Scan# 1

Delta R.T. -0.011 min

Lab File: BN029971.D

Acq: 23 Feb 2024 23:52

Instrument :

BNA_N

ClientSampleId :

20241095-39N-N-FIELD-BLANK-1

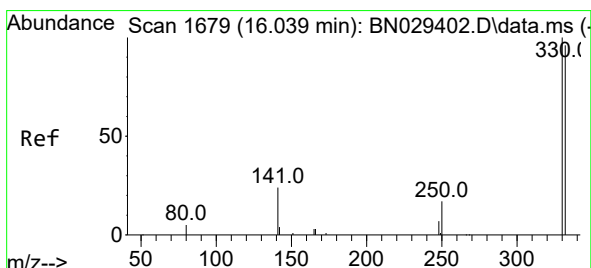
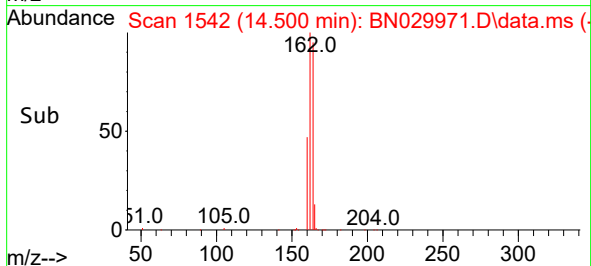
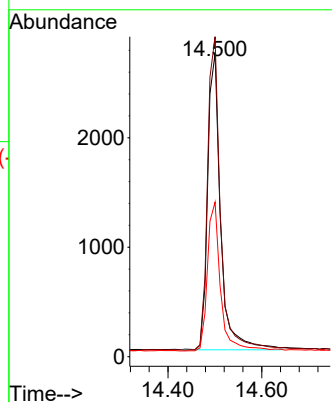
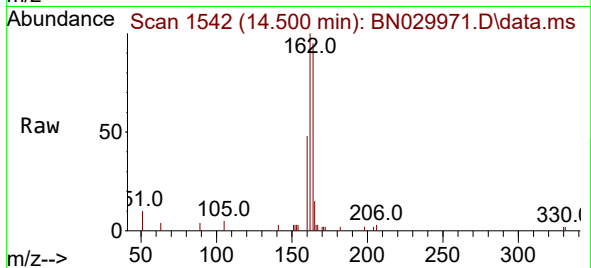
Tgt Ion:164 Resp: 5198

Ion Ratio Lower Upper

164 100

162 105.5 82.6 123.8

160 50.9 41.5 62.3



#14

2,4,6-Tribromophenol

Concen: 0.254 ng

RT: 16.002 min Scan# 1676

Delta R.T. 0.000 min

Lab File: BN029971.D

Acq: 23 Feb 2024 23:52

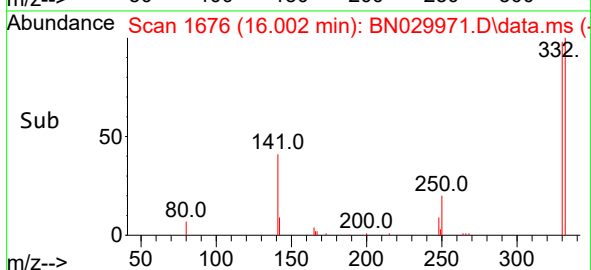
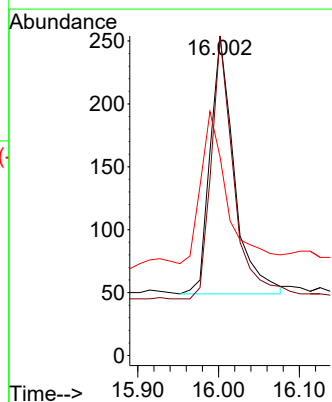
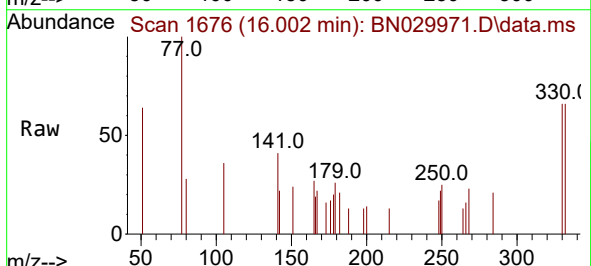
Tgt Ion:330 Resp: 423

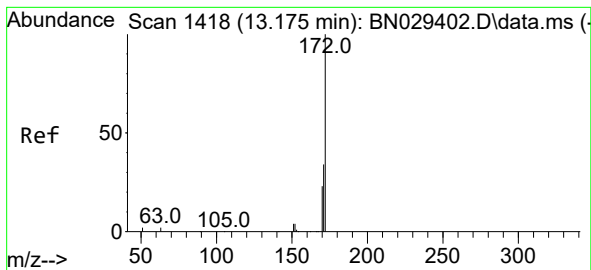
Ion Ratio Lower Upper

330 100

332 97.2 76.0 114.0

141 65.0 43.4 65.2

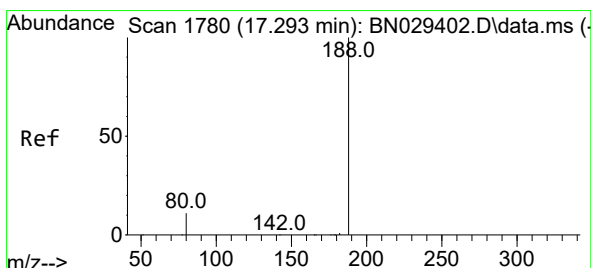
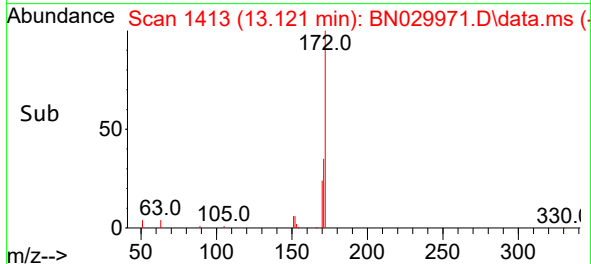
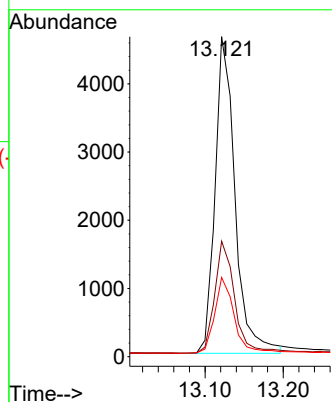
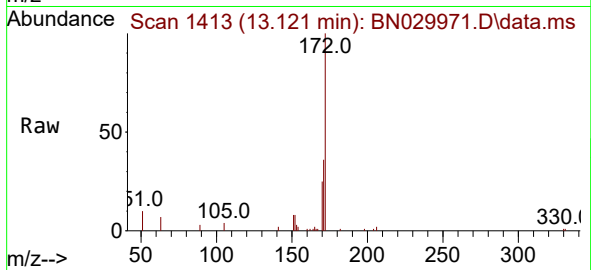




#15
2-Fluorobiphenyl
Concen: 0.368 ng
RT: 13.121 min Scan# 1418
Delta R.T. -0.011 min
Lab File: BN029971.D
Acq: 23 Feb 2024 23:52

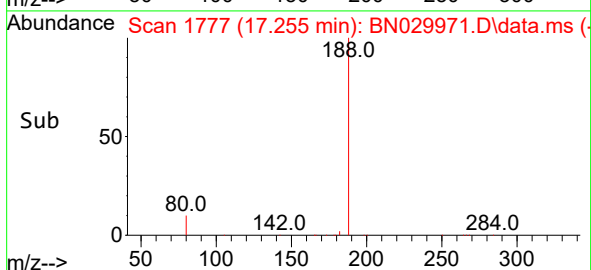
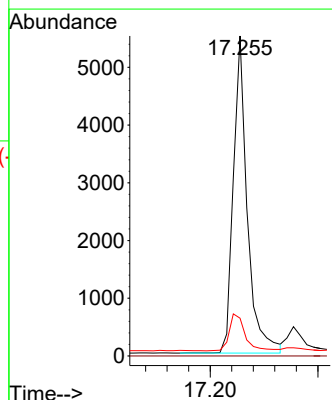
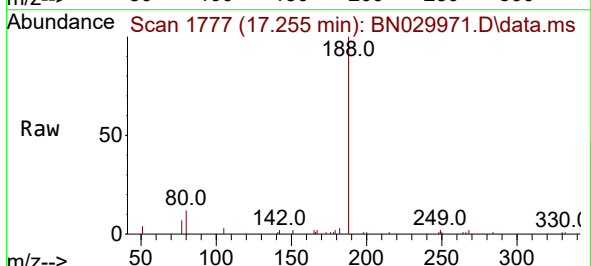
Instrument :
BNA_N
ClientSampleId :
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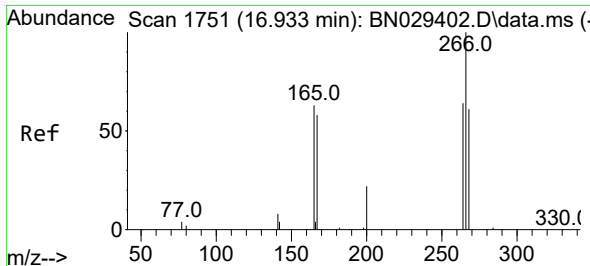
Tgt Ion:172 Resp: 8216
Ion Ratio Lower Upper
172 100
171 36.1 28.0 42.0
170 24.7 18.7 28.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.255 min Scan# 1777
Delta R.T. 0.000 min
Lab File: BN029971.D
Acq: 23 Feb 2024 23:52

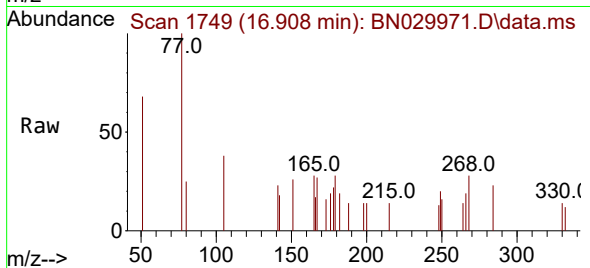
Tgt Ion:188 Resp: 9843
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.8 10.0 15.0



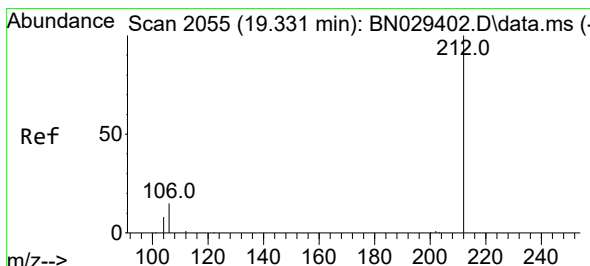
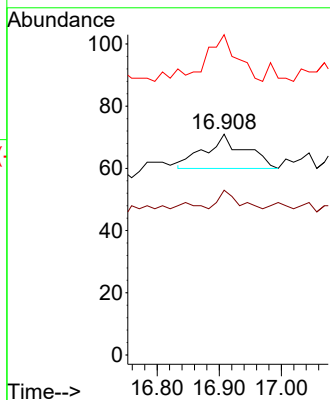
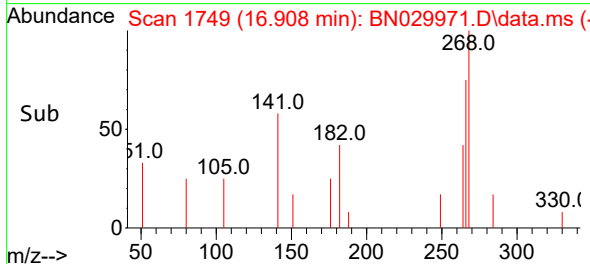


#24
Pentachlorophenol
Concen: 0.022 ng
RT: 16.908 min Scan# 1749
Delta R.T. 0.000 min
Lab File: BN029971.D
Acq: 23 Feb 2024 23:52

Instrument :
BNA_N
ClientSampleId :
20241095-39N-N-FIELD-BLANK-1

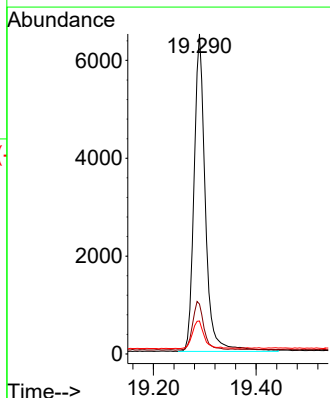
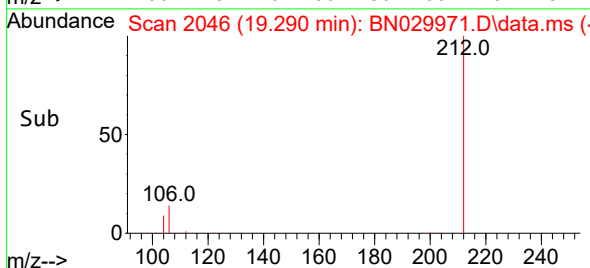
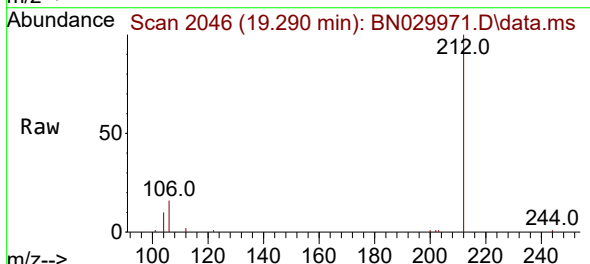


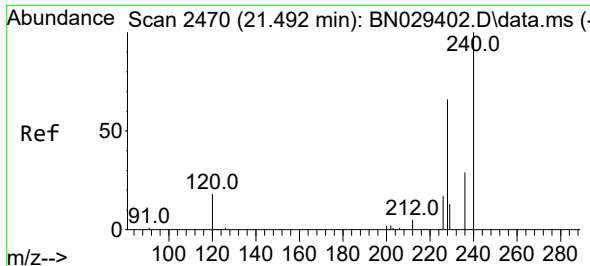
Tgt Ion:266 Resp: 49
Ion Ratio Lower Upper
266 100
264 30.6 50.8 76.2#
268 98.0 51.5 77.3#



#27
Fluoranthene-d10
Concen: 0.416 ng
RT: 19.290 min Scan# 2046
Delta R.T. -0.009 min
Lab File: BN029971.D
Acq: 23 Feb 2024 23:52

Tgt Ion:212 Resp: 9926
Ion Ratio Lower Upper
212 100
106 15.3 13.2 19.8
104 9.1 7.7 11.5

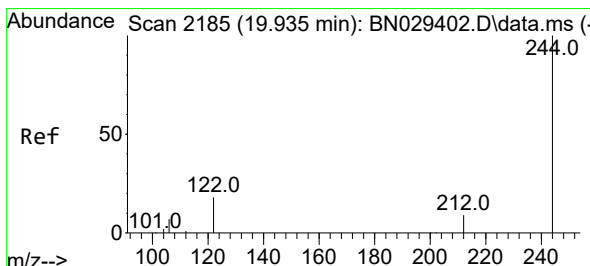
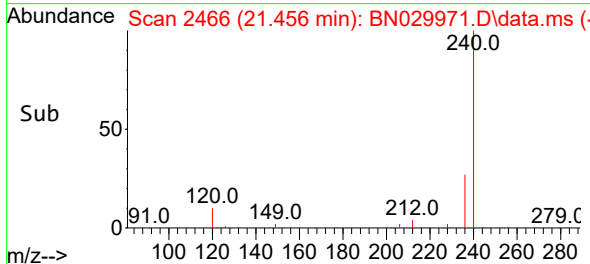
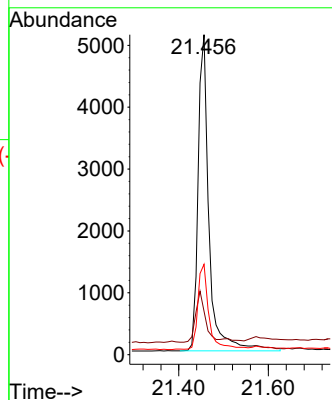
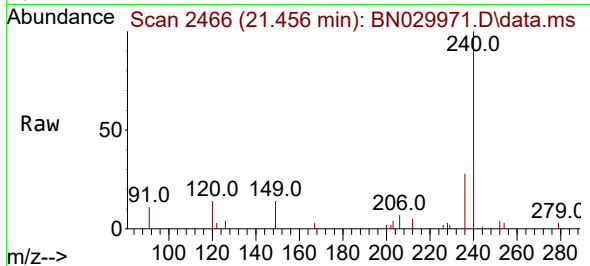




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.456 min Scan# 2466
Delta R.T. -0.009 min
Lab File: BN029971.D
Acq: 23 Feb 2024 23:52

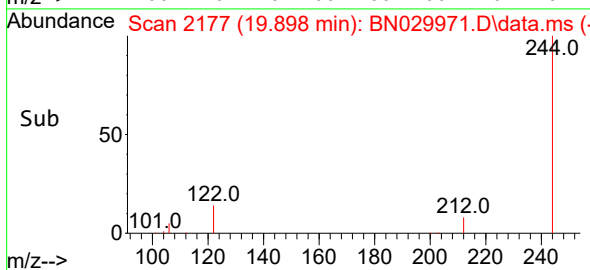
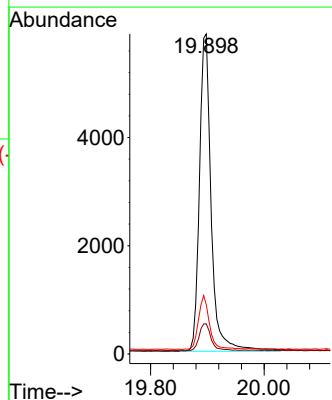
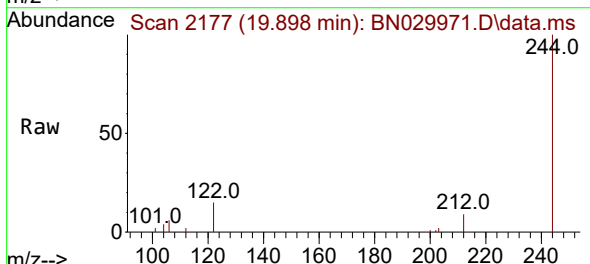
Instrument :
BNA_N
ClientSampleId :
20241095-39N-N-FIELD-BLANK-1

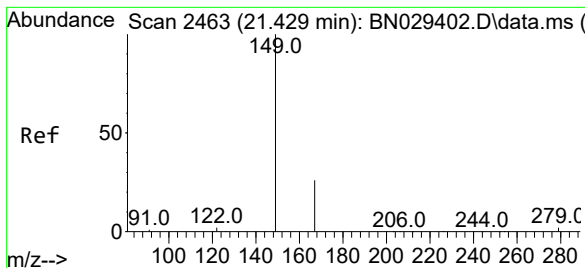
Tgt Ion:240 Resp: 8663
Ion Ratio Lower Upper
240 100
120 13.6 16.7 25.1#
236 28.2 23.9 35.9



#31
Terphenyl-d14
Concen: 0.391 ng
RT: 19.898 min Scan# 2177
Delta R.T. -0.009 min
Lab File: BN029971.D
Acq: 23 Feb 2024 23:52

Tgt Ion:244 Resp: 8407
Ion Ratio Lower Upper
244 100
212 9.4 8.2 12.4
122 15.4 15.6 23.4#

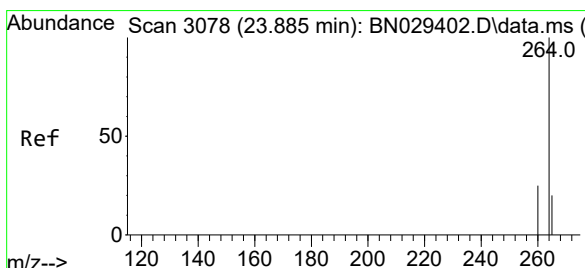
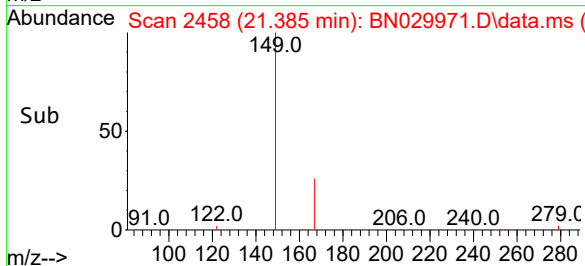
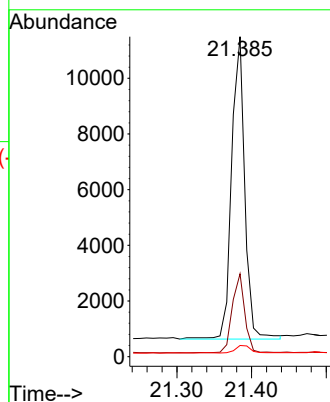
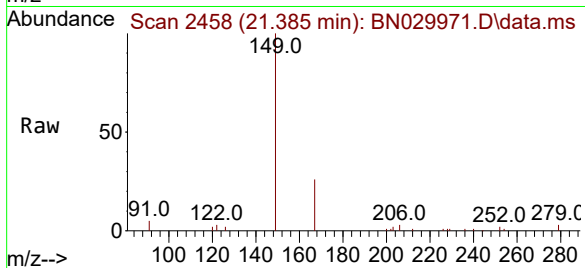




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.659 ng
 RT: 21.385 min Scan# 2463
 Delta R.T. -0.009 min
 Lab File: BN029971.D
 Acq: 23 Feb 2024 23:52

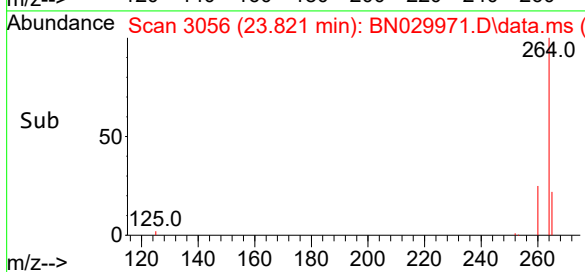
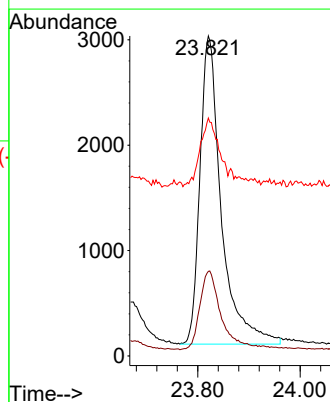
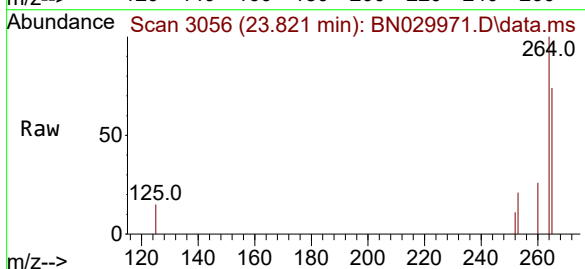
Instrument :
 BNA_N
 ClientSampleId :
 20241095-39N-N-FIELD-BLANK-1

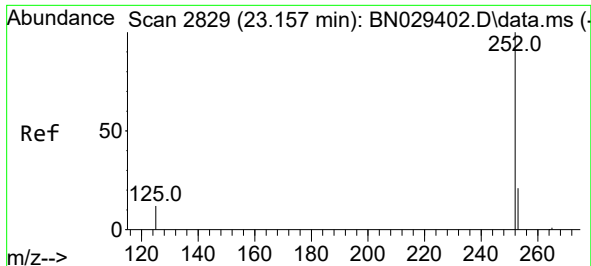
Tgt Ion:149 Resp: 13299
 Ion Ratio Lower Upper
 149 100
 167 24.9 20.1 30.1
 279 2.8 2.5 3.7



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.821 min Scan# 3056
 Delta R.T. -0.012 min
 Lab File: BN029971.D
 Acq: 23 Feb 2024 23:52

Tgt Ion:264 Resp: 8471
 Ion Ratio Lower Upper
 264 100
 260 26.4 21.2 31.8
 265 74.4 41.5 62.3#





#37

Benzo(b)fluoranthene

Concen: 0.024 ng

RT: 23.107 min Scan# 2812

Delta R.T. -0.003 min

Lab File: BN029971.D

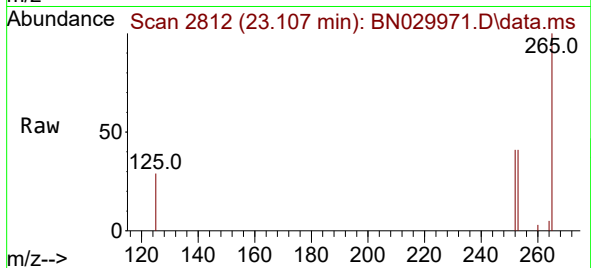
Acq: 23 Feb 2024 23:52

Instrument :

BNA_N

ClientSampleId :

20241095-39N-N-FIELD-BLANK-1



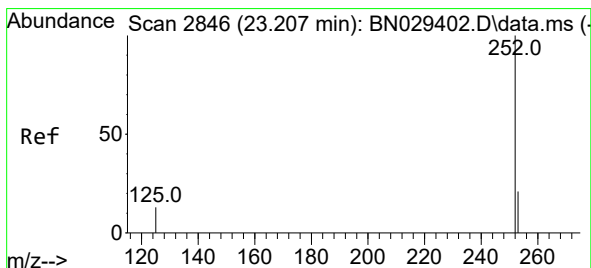
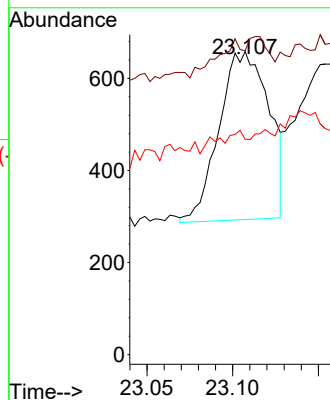
Tgt Ion:252 Resp: 740

Ion Ratio Lower Upper

252 100

253 100.3 21.7 32.5#

125 71.1 13.3 19.9#



#38

Benzo(k)fluoranthene

Concen: 0.022 ng

RT: 23.154 min Scan# 2828

Delta R.T. -0.006 min

Lab File: BN029971.D

Acq: 23 Feb 2024 23:52

Tgt Ion:252 Resp: 702

Ion Ratio Lower Upper

252 100

253 106.8 21.8 32.8#

125 77.8 13.9 20.9#

