

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022324\
 Data File : BN029962.D
 Acq On : 23 Feb 2024 18:28
 Operator : MA/JU
 Sample : P1507-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D1-20240212

Quant Time: Feb 24 02:22:11 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)

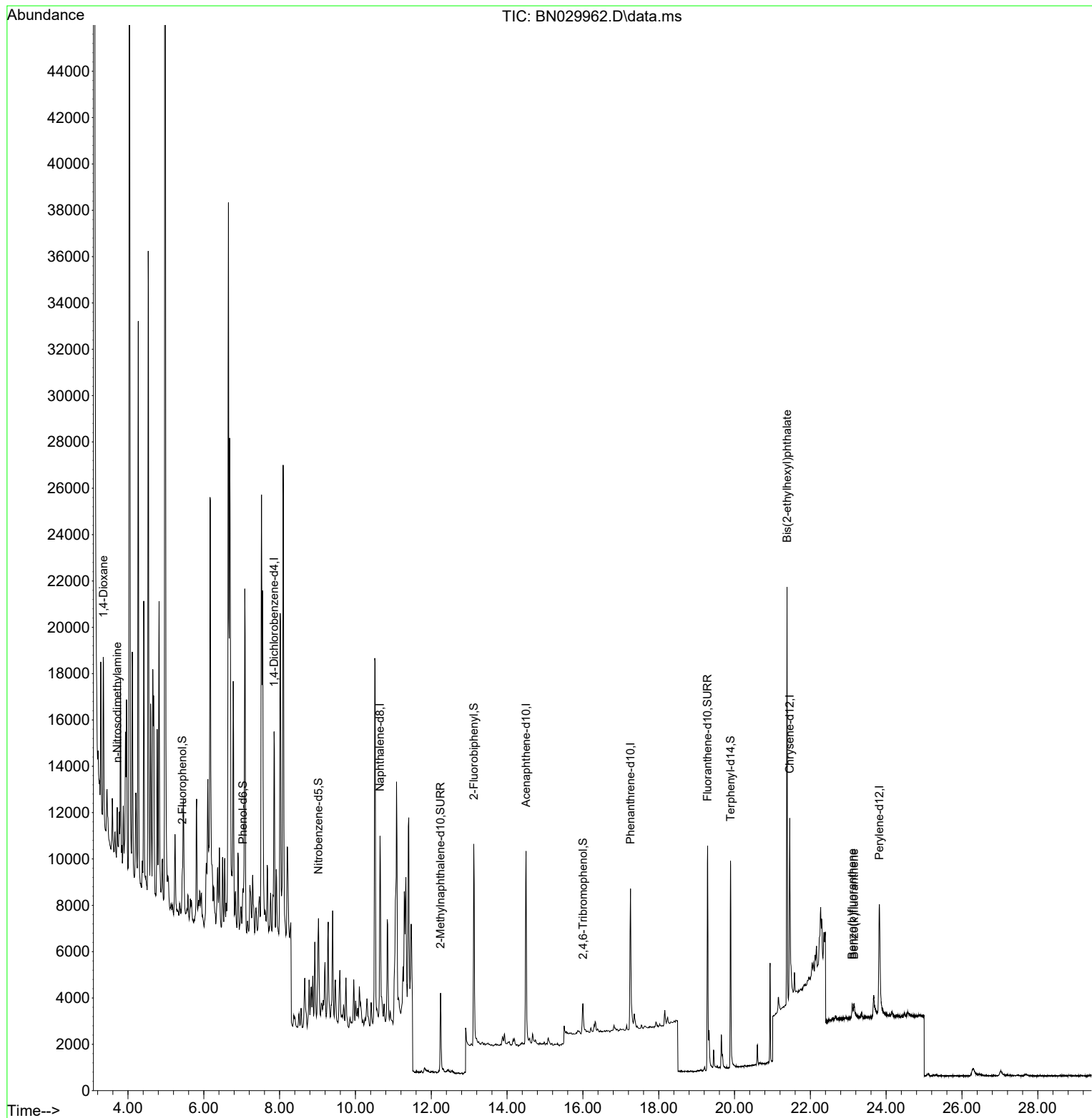
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	4585	0.400	ng	-0.01
7) Naphthalene-d8	10.648	136	11817	0.400	ng	#-0.02
13) Acenaphthene-d10	14.500	164	5622	0.400	ng	-0.01
19) Phenanthrene-d10	17.255	188	10564	0.400	ng	0.00
29) Chrysene-d12	21.456	240	9324	0.400	ng	# 0.00
35) Perylene-d12	23.821	264	8764	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	1534	0.139	ng	0.00
5) Phenol-d6	7.031	99	1343	0.106	ng	0.00
8) Nitrobenzene-d5	9.025	82	3787	0.385	ng	-0.01
11) 2-Methylnaphthalene-d10	12.246	152	5242	0.326	ng	-0.01
14) 2,4,6-Tribromophenol	16.002	330	838	0.465	ng	0.00
15) 2-Fluorobiphenyl	13.121	172	8520	0.353	ng	-0.01
27) Fluoranthene-d10	19.290	212	12110	0.473	ng	0.00
31) Terphenyl-d14	19.898	244	10130	0.438	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.355	88	4371	0.677	ng	# 74
3) n-Nitrosodimethylamine	3.716	42	565	0.107	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.385	149	16083	0.741	ng	99
37) Benzo(b)fluoranthene	23.104	252	970	0.031	ng	# 1
38) Benzo(k)fluoranthene	23.154	252	742	0.023	ng	# 1

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

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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

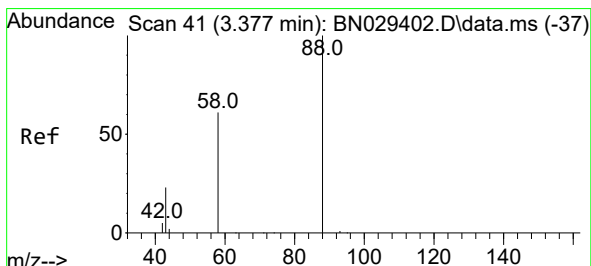
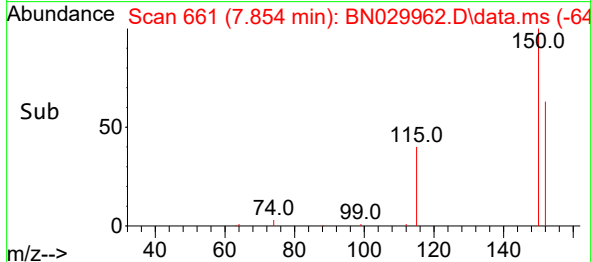
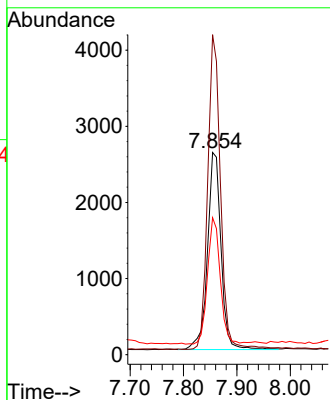
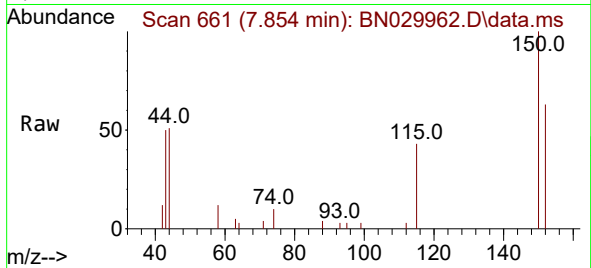




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.854 min Scan# 6
 Delta R.T. -0.015 min
 Lab File: BN029962.D
 Acq: 23 Feb 2024 18:28

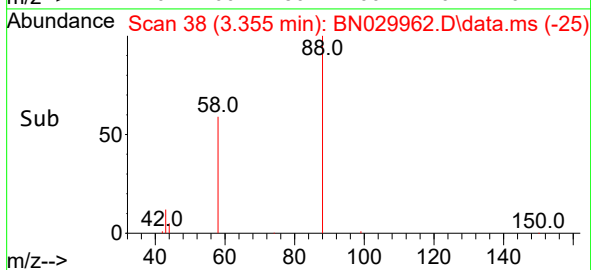
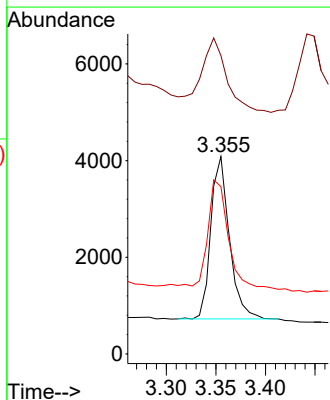
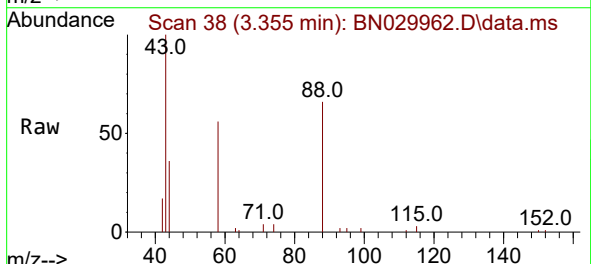
Instrument :
 BNA_N
 ClientSampleId :
 RE134D1-20240212

Tgt Ion:152 Resp: 4585
 Ion Ratio Lower Upper
 152 100
 150 158.3 123.0 184.4
 115 67.7 51.4 77.0



#2
 1,4-Dioxane
 Concen: 0.677 ng
 RT: 3.355 min Scan# 38
 Delta R.T. -0.007 min
 Lab File: BN029962.D
 Acq: 23 Feb 2024 18:28

Tgt Ion: 88 Resp: 4371
 Ion Ratio Lower Upper
 88 100
 43 65.4 23.3 34.9#
 58 73.6 53.8 80.6

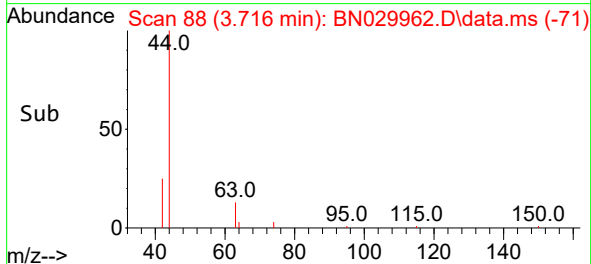
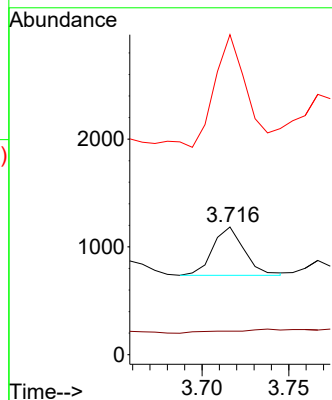
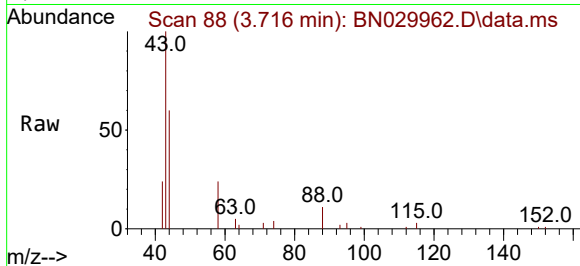




#3
n-Nitrosodimethylamine
Concen: 0.107 ng
RT: 3.716 min Scan# 81
Delta R.T. 0.022 min
Lab File: BN029962.D
Acq: 23 Feb 2024 18:28

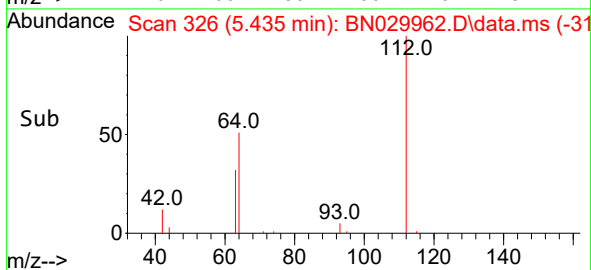
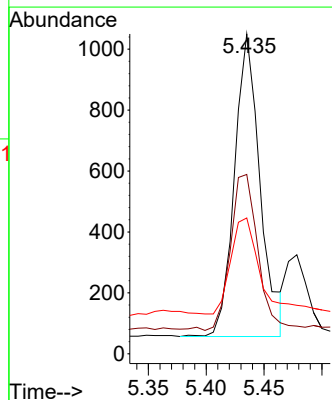
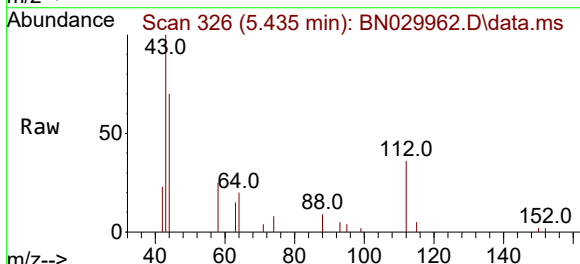
Instrument :
BNA_N
ClientSampleId :
RE134D1-20240212

Tgt Ion: 42 Resp: 565
Ion Ratio Lower Upper
42 100
74 0.0 93.7 140.5#
44 205.1 13.0 19.4#



#4
2-Fluorophenol
Concen: 0.139 ng
RT: 5.435 min Scan# 326
Delta R.T. -0.007 min
Lab File: BN029962.D
Acq: 23 Feb 2024 18:28

Tgt Ion: 112 Resp: 1534
Ion Ratio Lower Upper
112 100
64 53.9 47.2 70.8
63 38.3 25.8 38.6

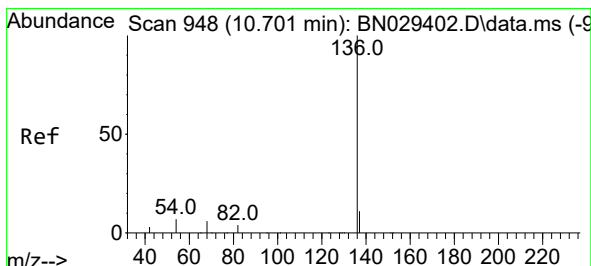
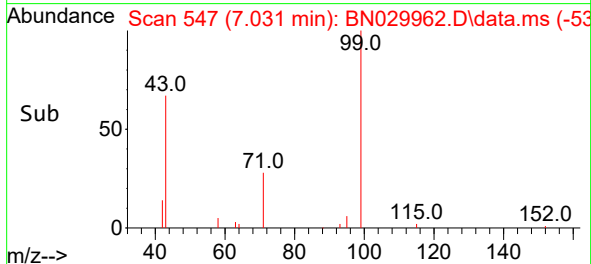
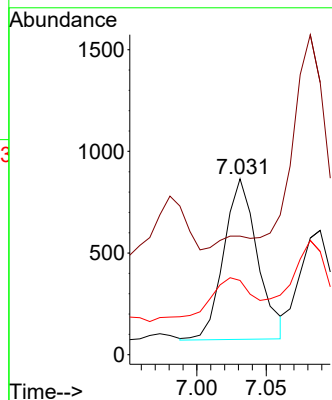
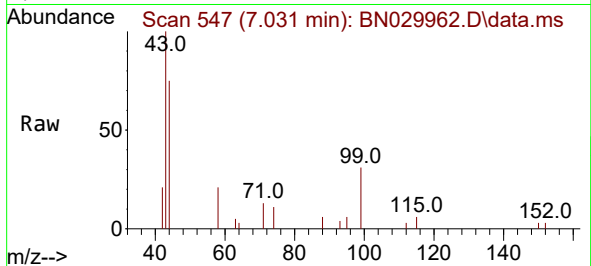




#5
Phenol-d6
Concen: 0.106 ng
RT: 7.031 min Scan# 54
Delta R.T. -0.007 min
Lab File: BN029962.D
Acq: 23 Feb 2024 18:28

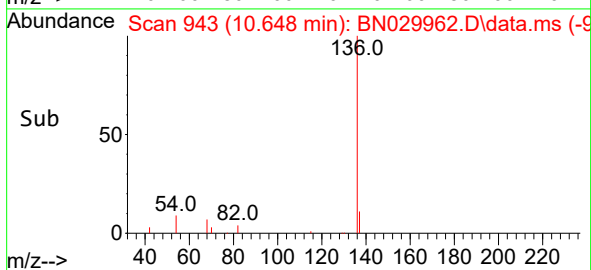
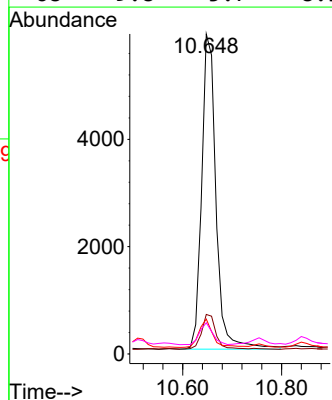
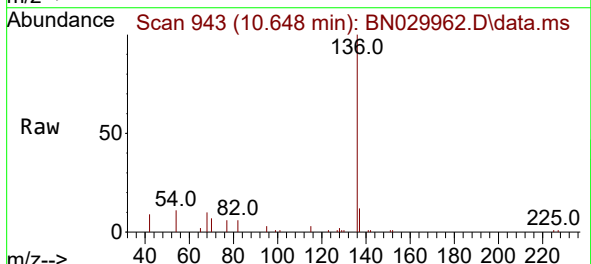
Instrument :
BNA_N
ClientSampleId :
RE134D1-20240212

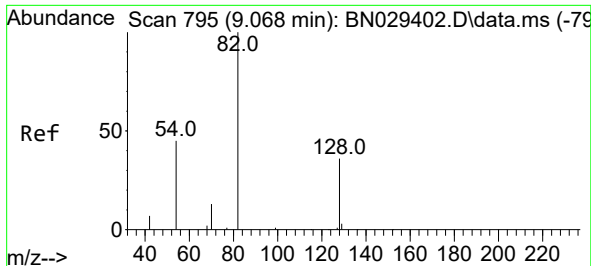
Tgt Ion: 99 Resp: 1343
Ion Ratio Lower Upper
99 100
42 13.3 16.9 25.3#
71 43.1 30.0 45.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 943
Delta R.T. -0.021 min
Lab File: BN029962.D
Acq: 23 Feb 2024 18:28

Tgt Ion: 136 Resp: 11817
Ion Ratio Lower Upper
136 100
137 12.4 9.7 14.5
54 10.9 6.6 10.0#
68 9.8 5.7 8.5#

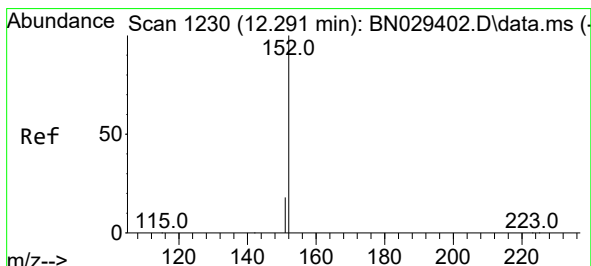
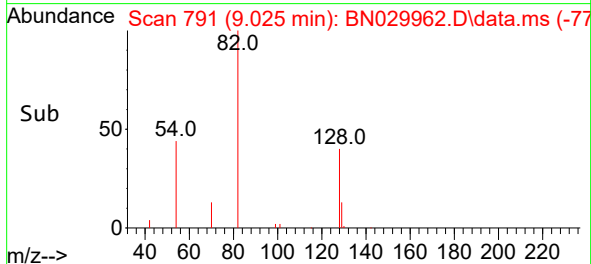
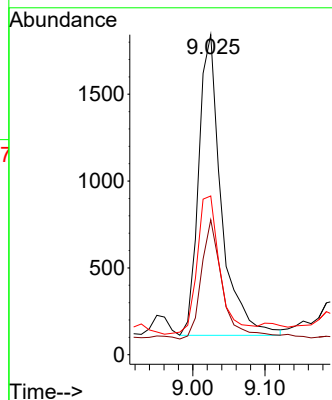
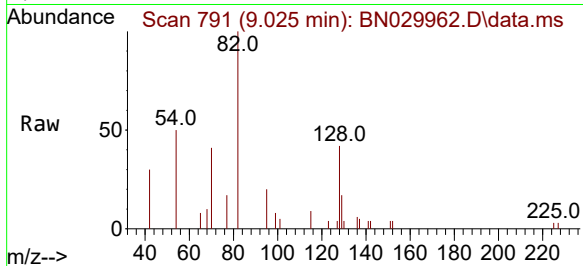




#8
 Nitrobenzene-d5
 Concen: 0.385 ng
 RT: 9.025 min Scan# 791
 Delta R.T. -0.011 min
 Lab File: BN029962.D
 Acq: 23 Feb 2024 18:28

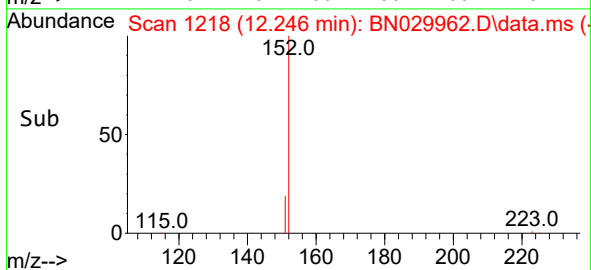
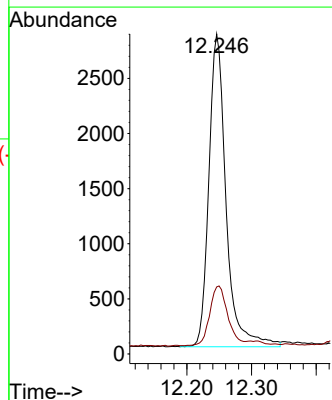
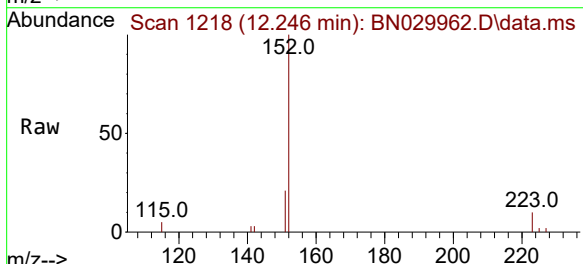
Instrument :
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 ClientSampleId :
 RE134D1-20240212

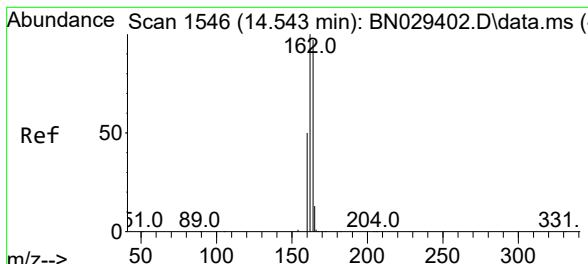
Tgt Ion: 82 Resp: 3787
 Ion Ratio Lower Upper
 82 100
 128 42.2 31.6 47.4
 54 49.6 38.2 57.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.326 ng
 RT: 12.246 min Scan# 1218
 Delta R.T. -0.011 min
 Lab File: BN029962.D
 Acq: 23 Feb 2024 18:28

Tgt Ion: 152 Resp: 5242
 Ion Ratio Lower Upper
 152 100
 151 20.1 17.1 25.7

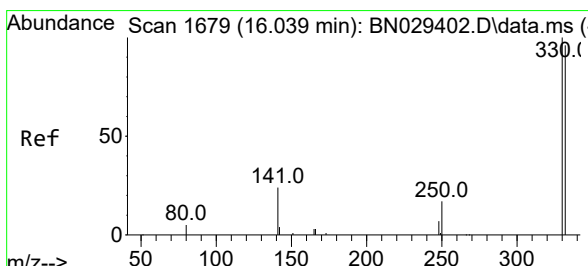
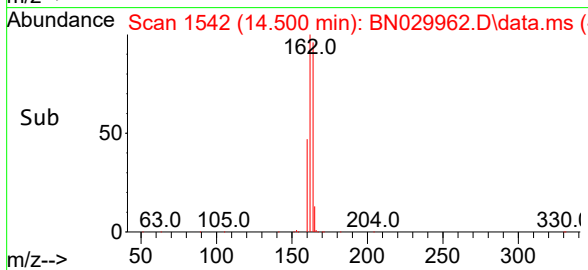
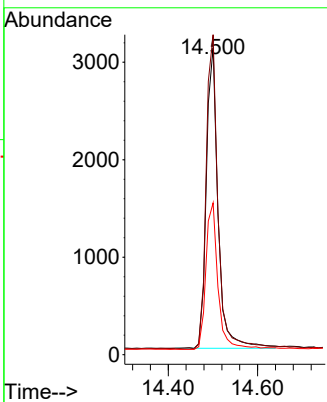
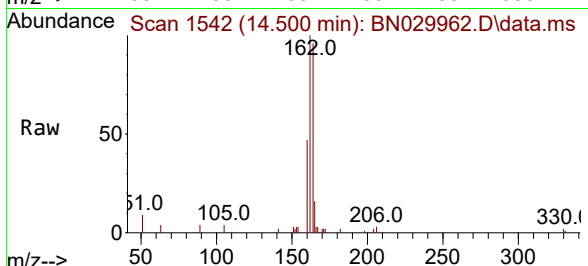




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.500 min Scan# 11
 Delta R.T. -0.011 min
 Lab File: BN029962.D
 Acq: 23 Feb 2024 18:28

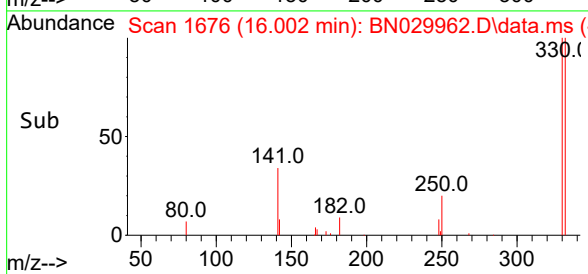
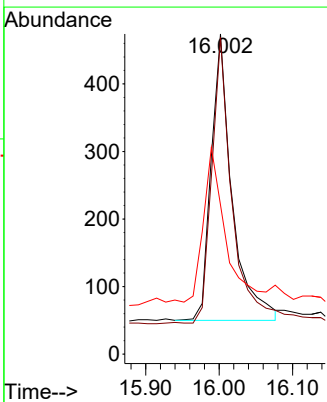
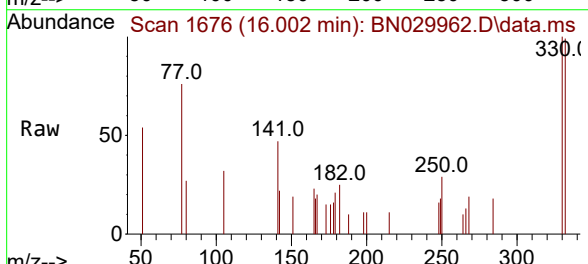
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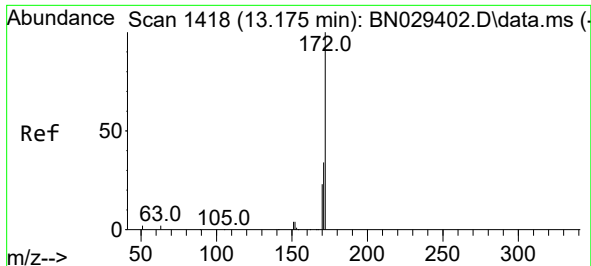
Tgt Ion:	164	Resp:	5622
Ion	Ratio	Lower	Upper
164	100		
162	104.2	82.6	123.8
160	49.4	41.5	62.3



#14
 2,4,6-Tribromophenol
 Concen: 0.465 ng
 RT: 16.002 min Scan# 1676
 Delta R.T. 0.000 min
 Lab File: BN029962.D
 Acq: 23 Feb 2024 18:28

Tgt Ion:	330	Resp:	838
Ion	Ratio	Lower	Upper
330	100		
332	98.7	76.0	114.0
141	56.6	43.4	65.2

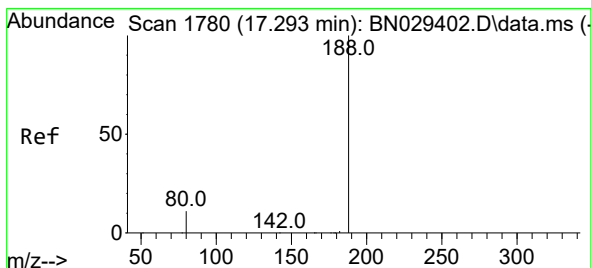
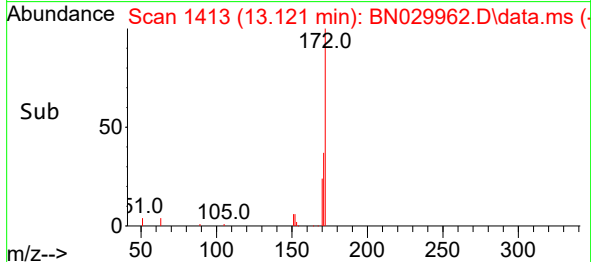
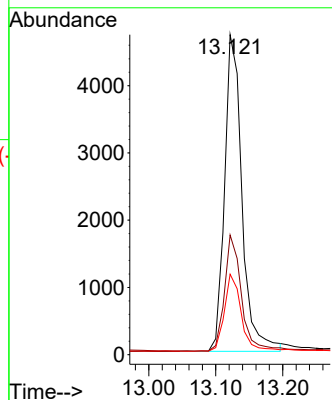
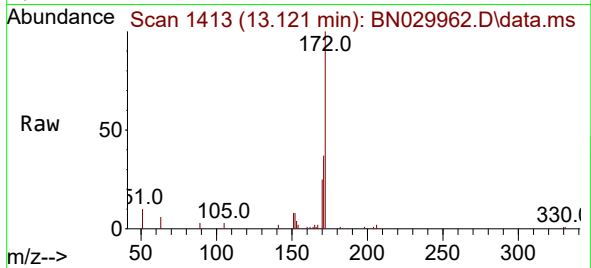




#15
2-Fluorobiphenyl
Concen: 0.353 ng
RT: 13.121 min Scan# 1418
Delta R.T. -0.011 min
Lab File: BN029962.D
Acq: 23 Feb 2024 18:28

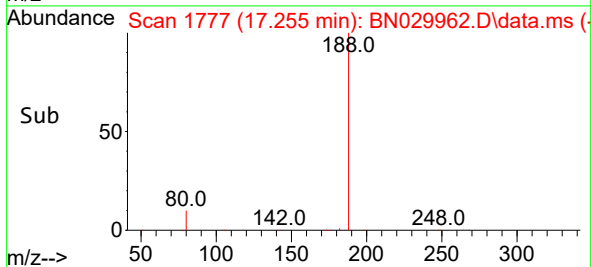
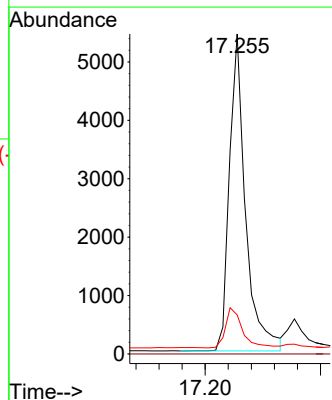
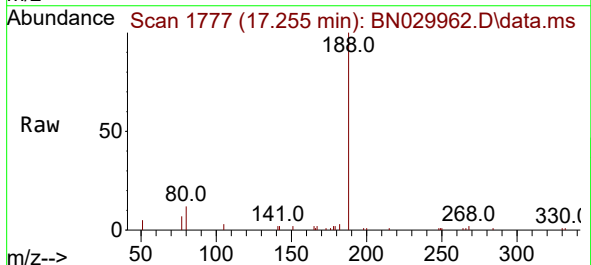
Instrument :
BNA_N
ClientSampleId :
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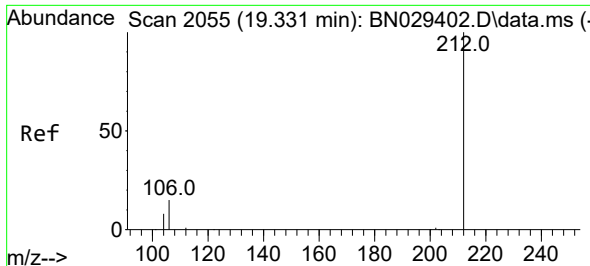
Tgt Ion:172 Resp: 8520
Ion Ratio Lower Upper
172 100
171 37.4 28.0 42.0
170 25.2 18.7 28.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.255 min Scan# 1777
Delta R.T. 0.000 min
Lab File: BN029962.D
Acq: 23 Feb 2024 18:28

Tgt Ion:188 Resp: 10564
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.2 10.0 15.0

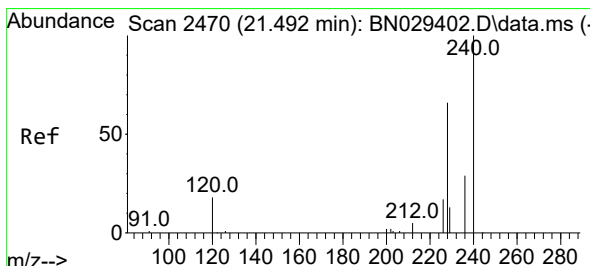
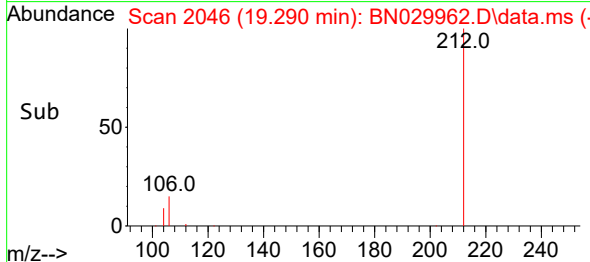
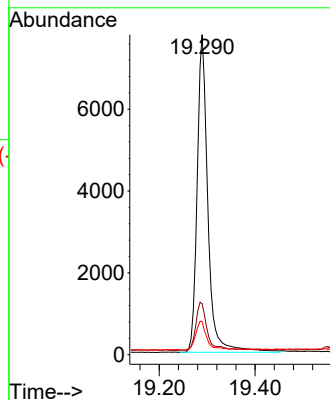
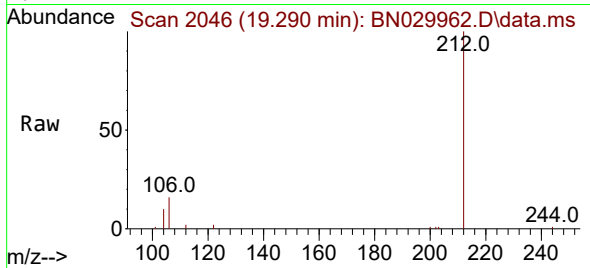




#27
Fluoranthene-d10
Concen: 0.473 ng
RT: 19.290 min Scan# 2055
Delta R.T. -0.009 min
Lab File: BN029962.D
Acq: 23 Feb 2024 18:28

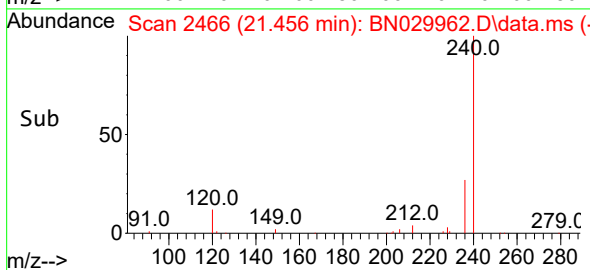
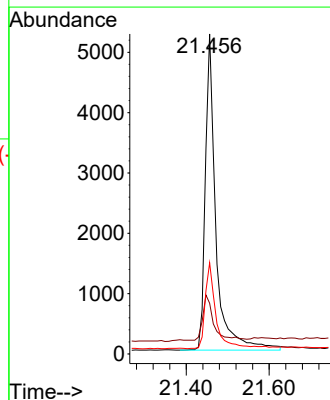
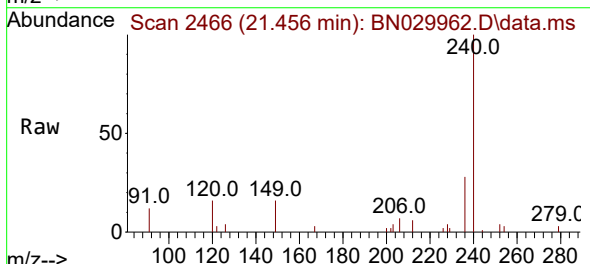
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BNA_N
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RE134D1-20240212

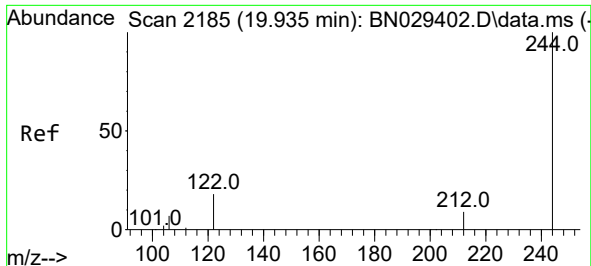
Tgt Ion:212 Resp: 12110
Ion Ratio Lower Upper
212 100
106 16.9 13.2 19.8
104 9.4 7.7 11.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.456 min Scan# 2466
Delta R.T. -0.009 min
Lab File: BN029962.D
Acq: 23 Feb 2024 18:28

Tgt Ion:240 Resp: 9324
Ion Ratio Lower Upper
240 100
120 15.9 16.7 25.1#
236 28.5 23.9 35.9

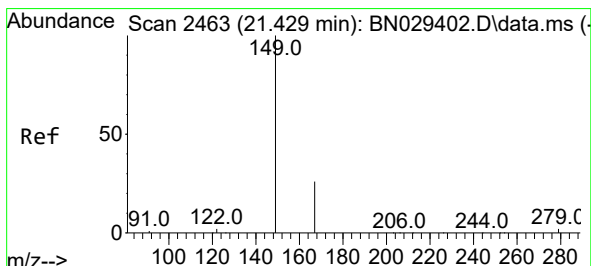
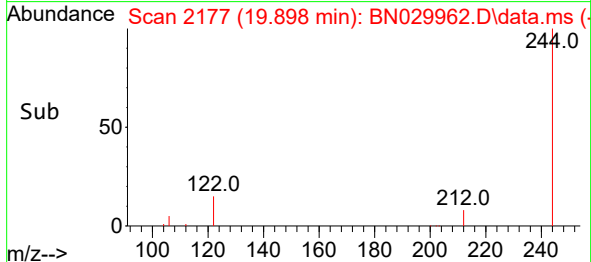
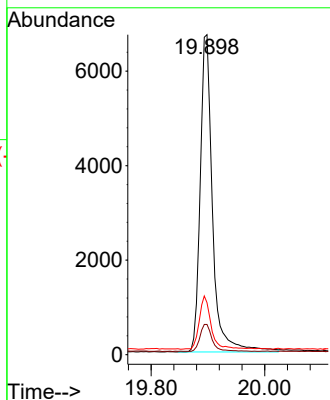
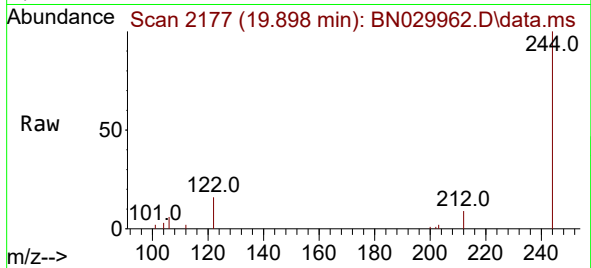




#31
 Terphenyl-d14
 Concen: 0.438 ng
 RT: 19.898 min Scan# 2185
 Delta R.T. -0.009 min
 Lab File: BN029962.D
 Acq: 23 Feb 2024 18:28

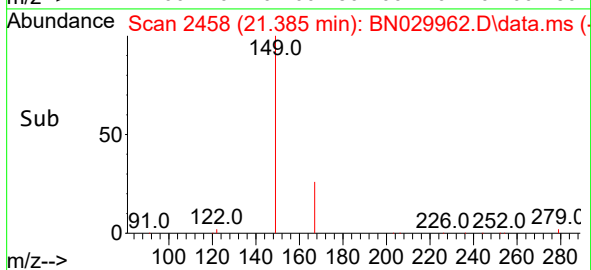
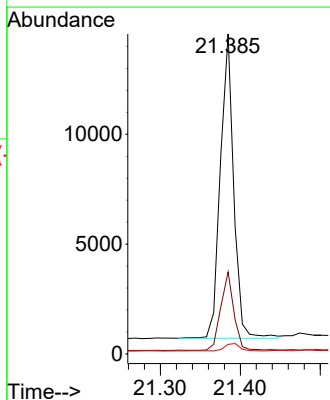
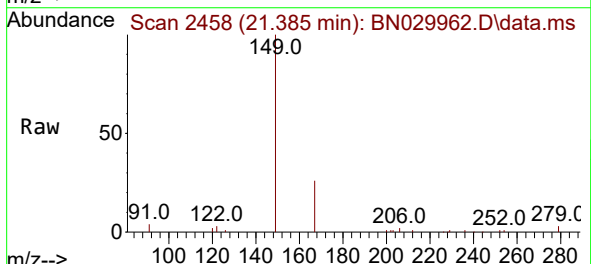
Instrument :
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 ClientSampleId :
 RE134D1-20240212

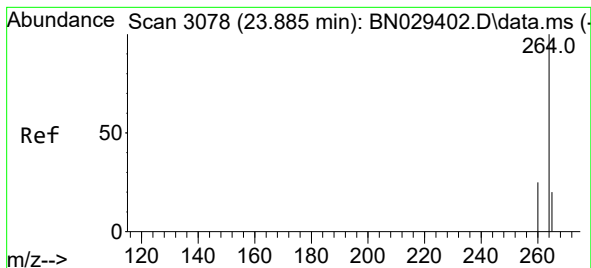
Tgt Ion:244 Resp: 10130
 Ion Ratio Lower Upper
 244 100
 212 9.5 8.2 12.4
 122 16.3 15.6 23.4



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.741 ng
 RT: 21.385 min Scan# 2458
 Delta R.T. -0.009 min
 Lab File: BN029962.D
 Acq: 23 Feb 2024 18:28

Tgt Ion:149 Resp: 16083
 Ion Ratio Lower Upper
 149 100
 167 25.6 20.1 30.1
 279 2.7 2.5 3.7





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.821 min Scan# 3078

Delta R.T. -0.012 min

Lab File: BN029962.D

Acq: 23 Feb 2024 18:28

Instrument :

BNA_N

ClientSampleId :

RE134D1-20240212

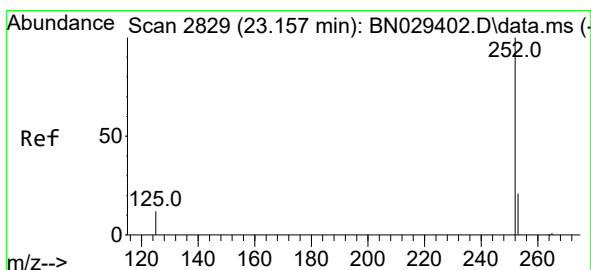
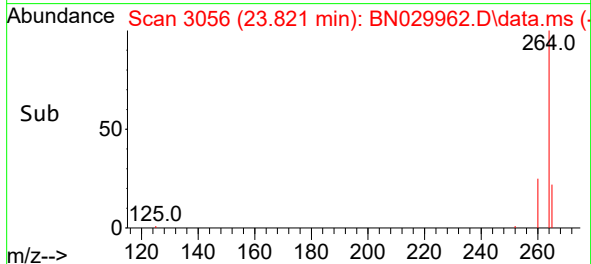
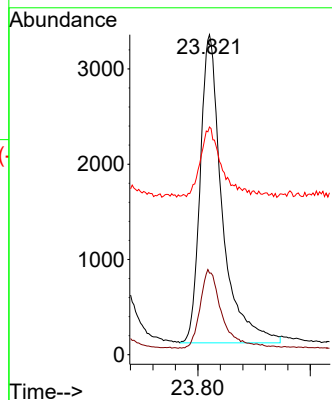
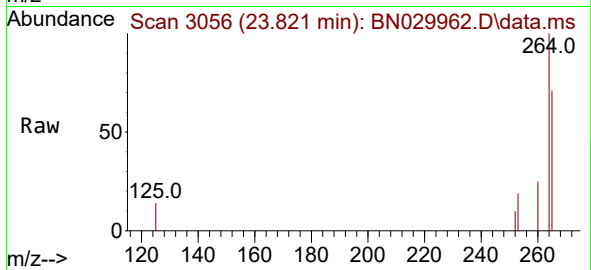
Tgt Ion:264 Resp: 8764

Ion Ratio Lower Upper

264 100

260 25.5 21.2 31.8

265 71.1 41.5 62.3#



#37

Benzo(b)fluoranthene

Concen: 0.031 ng

RT: 23.104 min Scan# 2811

Delta R.T. -0.006 min

Lab File: BN029962.D

Acq: 23 Feb 2024 18:28

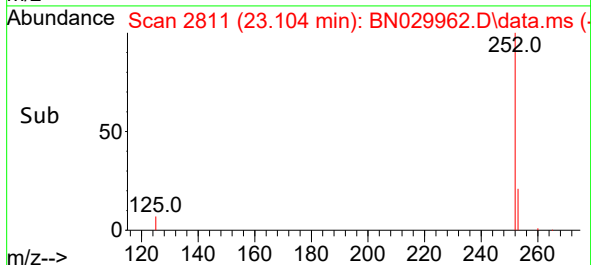
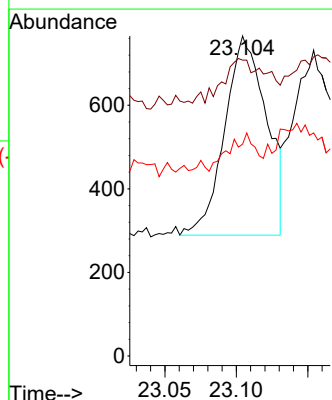
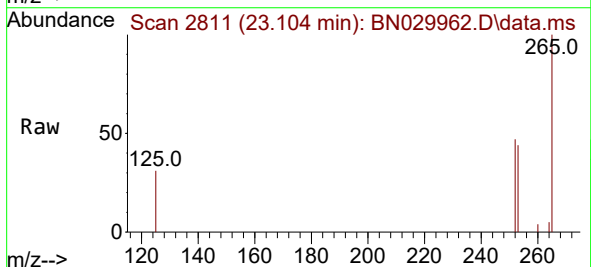
Tgt Ion:252 Resp: 970

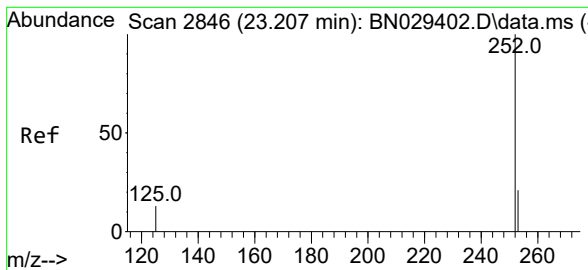
Ion Ratio Lower Upper

252 100

253 92.4 21.7 32.5#

125 66.2 13.3 19.9#





#38

Benzo(k)fluoranthene

Concen: 0.023 ng

RT: 23.154 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN029962.D

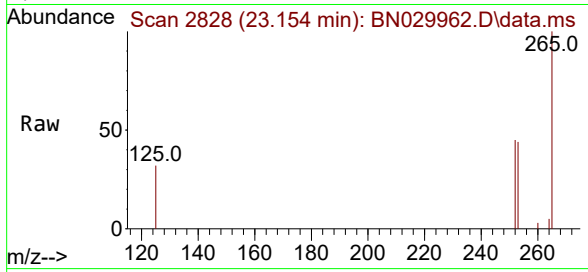
Acq: 23 Feb 2024 18:28

Instrument :

BNA_N

ClientSampleId :

RE134D1-20240212



Tgt Ion:252 Resp: 742

Ion Ratio Lower Upper

252 100

253 97.8 21.8 32.8#

125 73.0 13.9 20.9#

