

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022324\
 Data File : BN029964.D
 Acq On : 23 Feb 2024 19:40
 Operator : MA/JU
 Sample : P1507-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D4-20240214

Quant Time: Feb 24 02:22:38 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)

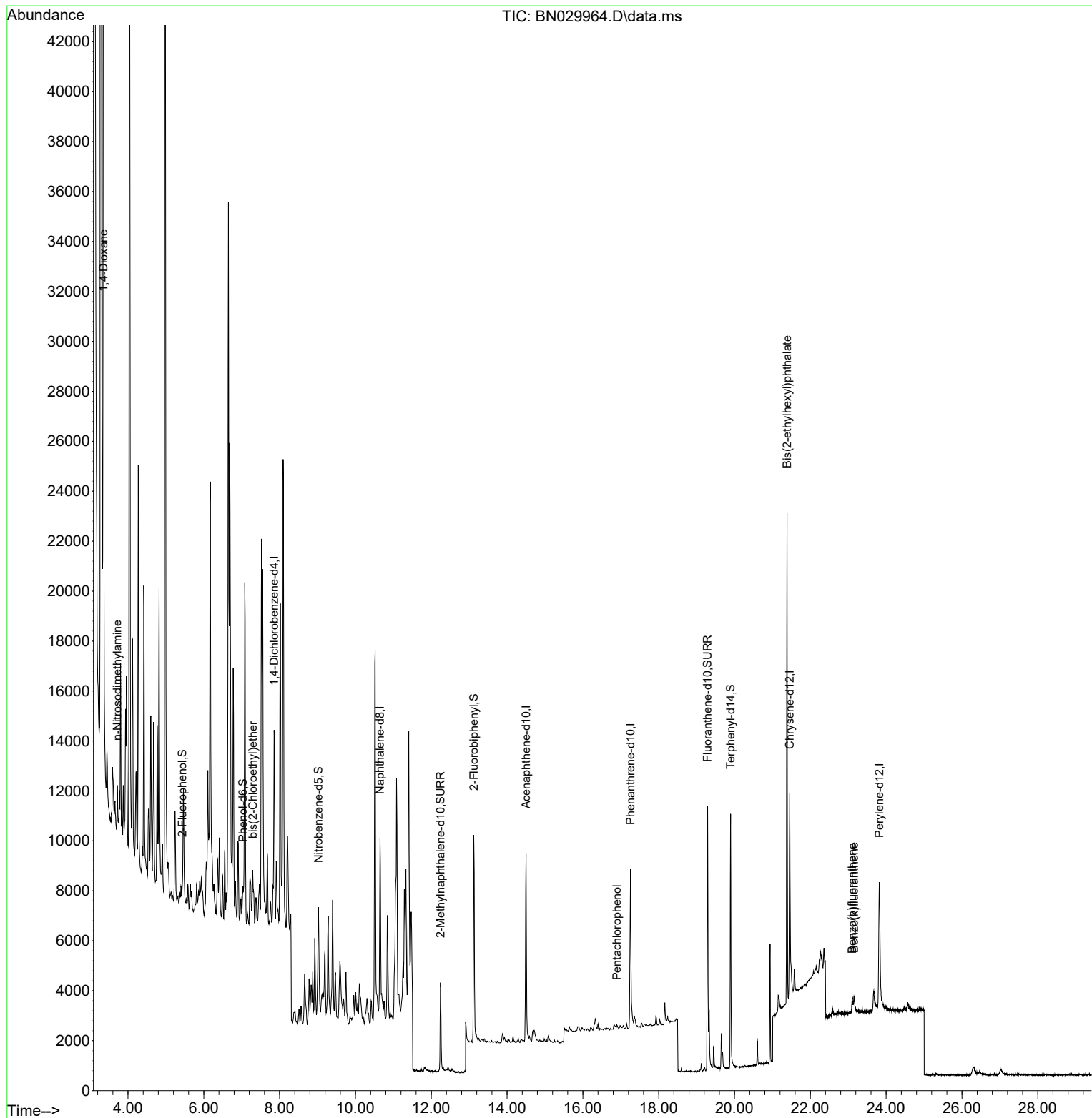
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	3971	0.400	ng	-0.01
7) Naphthalene-d8	10.647	136	10384	0.400	ng	#-0.02
13) Acenaphthene-d10	14.500	164	5077	0.400	ng	-0.01
19) Phenanthrene-d10	17.255	188	10190	0.400	ng	0.00
29) Chrysene-d12	21.456	240	9897	0.400	ng	# 0.00
35) Perylene-d12	23.820	264	9237	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	525	0.055	ng	0.00
5) Phenol-d6	7.031	99	1063	0.097	ng	0.00
8) Nitrobenzene-d5	9.025	82	3571	0.413	ng	-0.01
11) 2-Methylnaphthalene-d10	12.246	152	5159	0.365	ng	-0.01
14) 2,4,6-Tribromophenol	16.002	330	28	0.017	ng	0.00
15) 2-Fluorobiphenyl	13.121	172	8116	0.372	ng	-0.01
27) Fluoranthene-d10	19.289	212	12887	0.522	ng	0.00
31) Terphenyl-d14	19.898	244	10997	0.448	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.355	88	26445	4.730	ng	# 96
3) n-Nitrosodimethylamine	3.716	42	459	0.101	ng	# 1
6) bis(2-Chloroethyl)ether	7.298	93	294	0.028	ng	# 79
24) Pentachlorophenol	16.895	266	107	0.045	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.384	149	17611	0.764	ng	99
37) Benzo(b)fluoranthene	23.104	252	1004	0.030	ng	# 1
38) Benzo(k)fluoranthene	23.154	252	766	0.022	ng	# 1

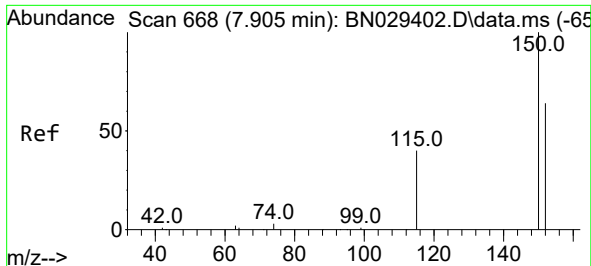
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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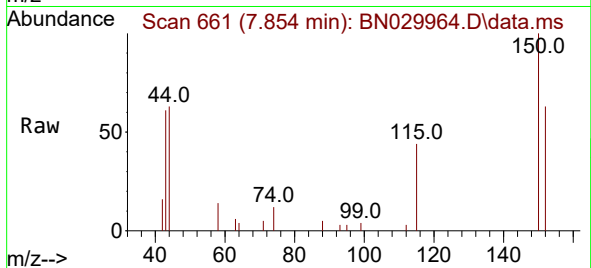
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 16 23:52:05 2024
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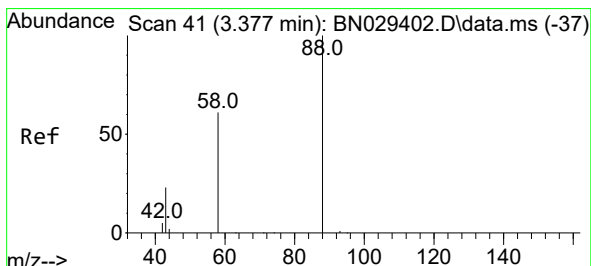
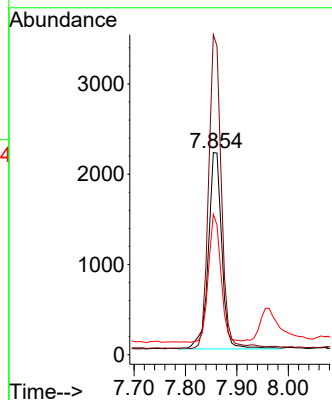
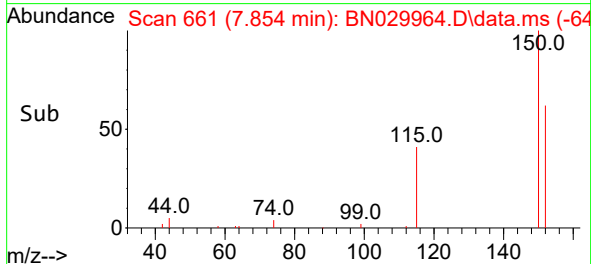


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.854 min Scan# 6
 Delta R.T. -0.015 min
 Lab File: BN029964.D
 Acq: 23 Feb 2024 19:40

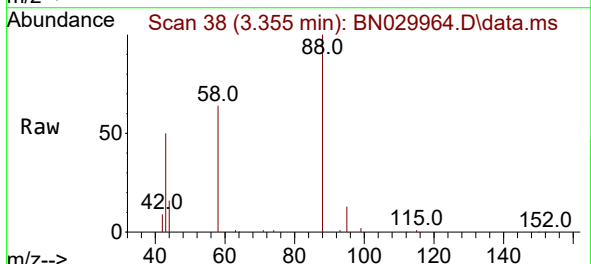
Instrument :
 BNA_N
 ClientSampleId :
 RE132D4-20240214



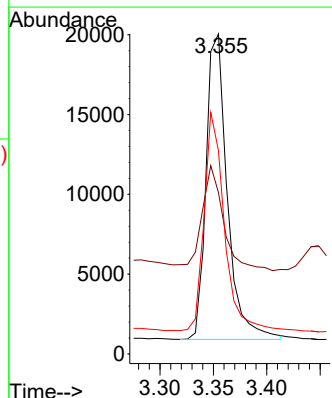
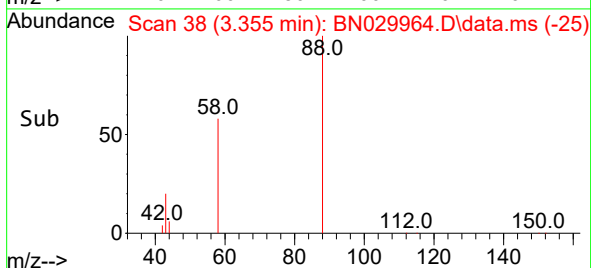
Tgt Ion:152 Resp: 3971
 Ion Ratio Lower Upper
 152 100
 150 158.3 123.0 184.4
 115 69.5 51.4 77.0

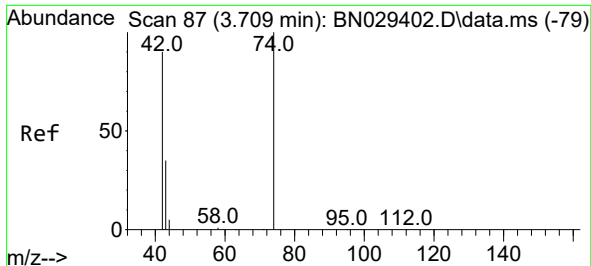


#2
 1,4-Dioxane
 Concen: 4.730 ng
 RT: 3.355 min Scan# 38
 Delta R.T. -0.007 min
 Lab File: BN029964.D
 Acq: 23 Feb 2024 19:40



Tgt Ion: 88 Resp: 26445
 Ion Ratio Lower Upper
 88 100
 43 35.4 23.3 34.9#
 58 67.6 53.8 80.6

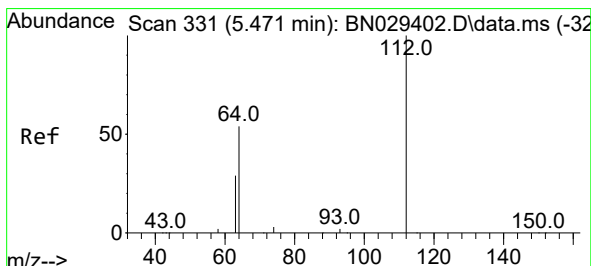
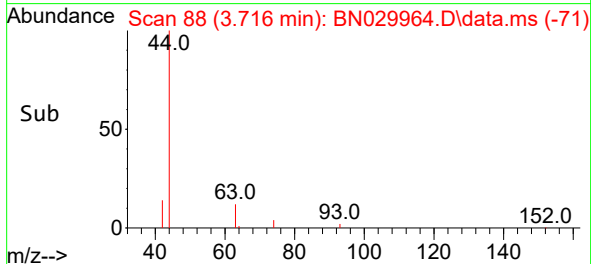
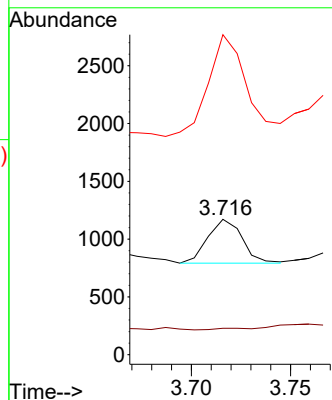
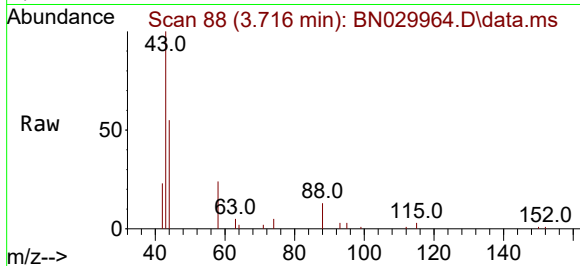




#3
n-Nitrosodimethylamine
Concen: 0.101 ng
RT: 3.716 min Scan# 81
Delta R.T. 0.022 min
Lab File: BN029964.D
Acq: 23 Feb 2024 19:40

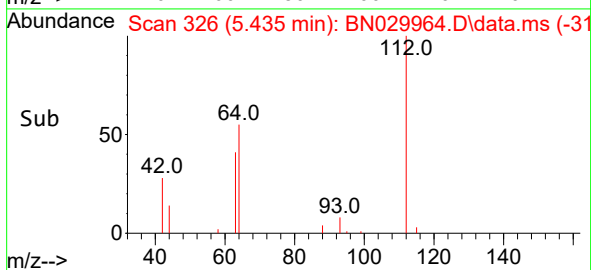
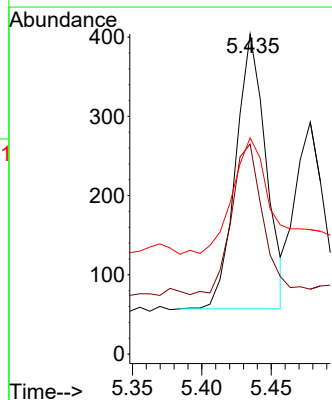
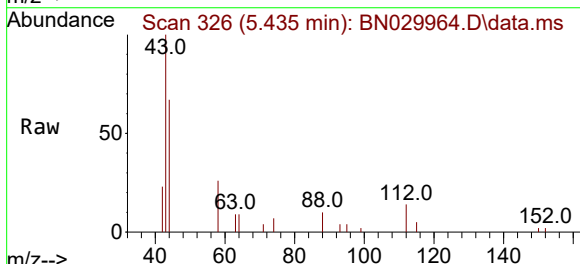
Instrument :
BNA_N
ClientSampleId :
RE132D4-20240214

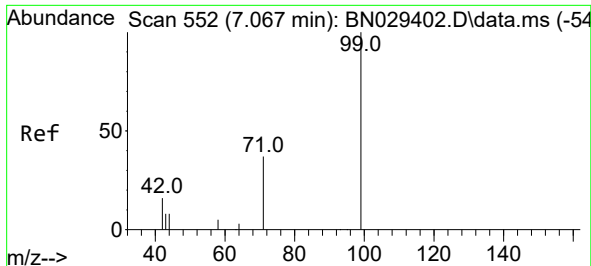
Tgt Ion: 42 Resp: 459
Ion Ratio Lower Upper
42 100
74 0.0 93.7 140.5#
44 259.3 13.0 19.4#



#4
2-Fluorophenol
Concen: 0.055 ng
RT: 5.435 min Scan# 326
Delta R.T. -0.007 min
Lab File: BN029964.D
Acq: 23 Feb 2024 19:40

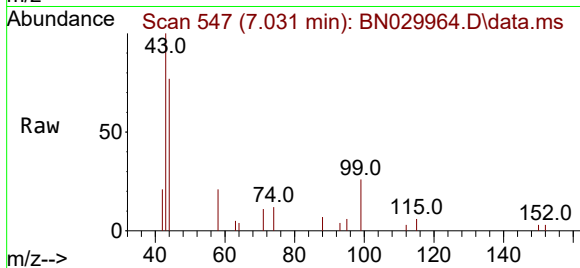
Tgt Ion: 112 Resp: 525
Ion Ratio Lower Upper
112 100
64 58.1 47.2 70.8
63 65.1 25.8 38.6#



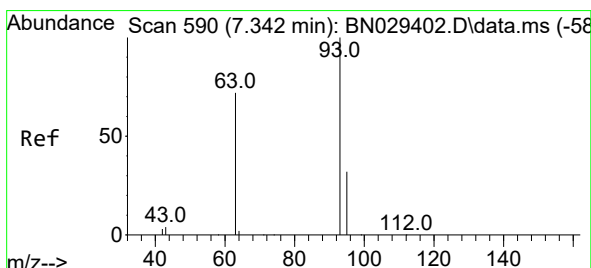
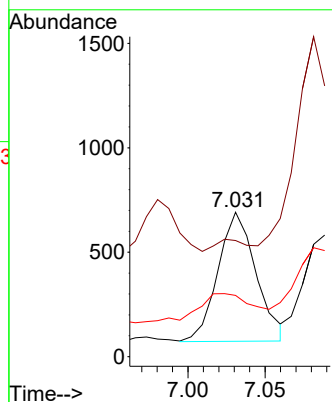
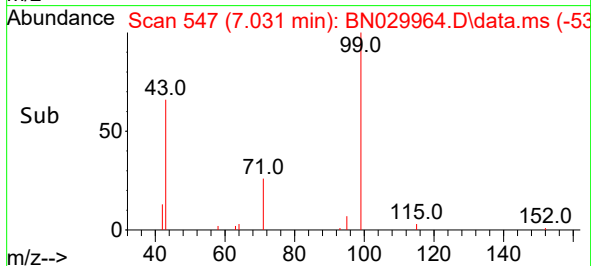


#5
Phenol-d6
Concen: 0.097 ng
RT: 7.031 min Scan# 54
Delta R.T. -0.007 min
Lab File: BN029964.D
Acq: 23 Feb 2024 19:40

Instrument :
BNA_N
ClientSampleId :
RE132D4-20240214

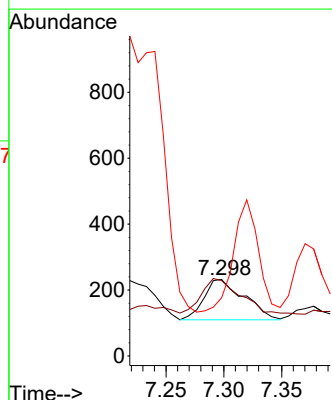
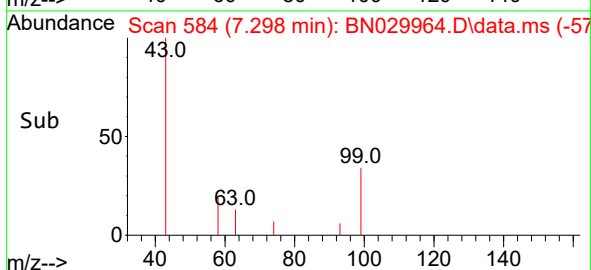
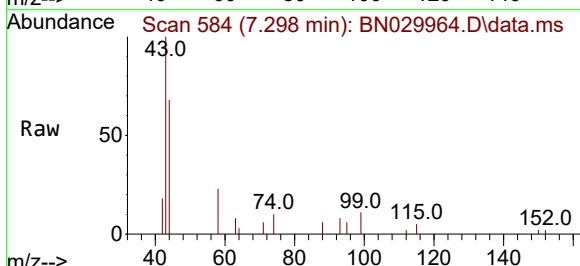


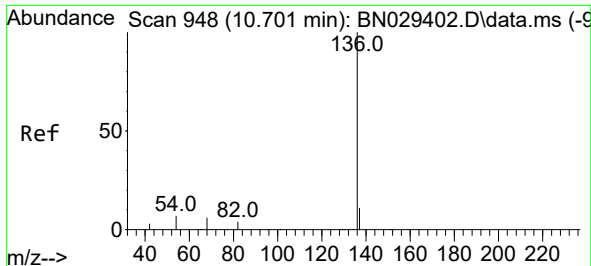
Tgt Ion: 99 Resp: 1063
Ion Ratio Lower Upper
99 100
42 15.6 16.9 25.3#
71 49.3 30.0 45.0#



#6
bis(2-Chloroethyl)ether
Concen: 0.028 ng
RT: 7.298 min Scan# 584
Delta R.T. -0.007 min
Lab File: BN029964.D
Acq: 23 Feb 2024 19:40

Tgt Ion: 93 Resp: 294
Ion Ratio Lower Upper
93 100
63 83.0 63.1 94.7
95 0.0 27.1 40.7#

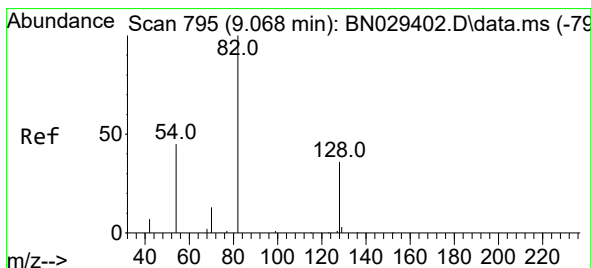
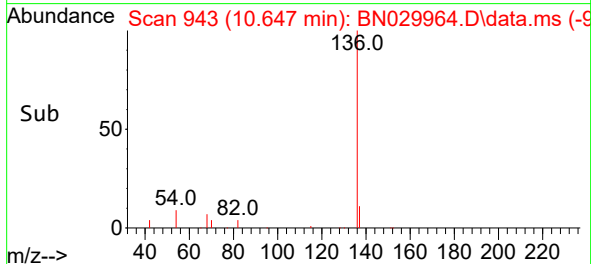
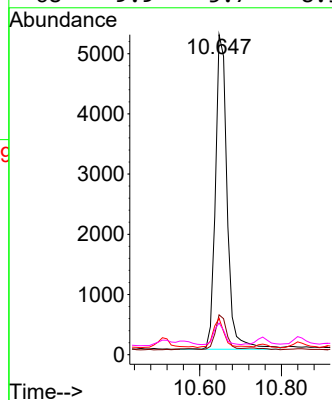
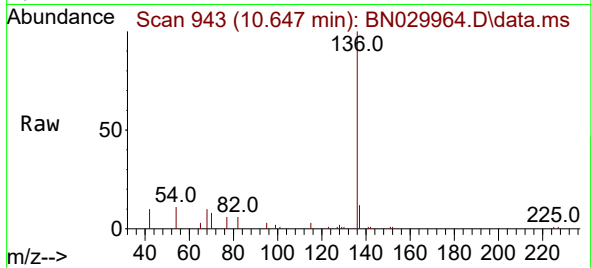




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.647 min Scan# 948
Delta R.T. -0.022 min
Lab File: BN029964.D
Acq: 23 Feb 2024 19:40

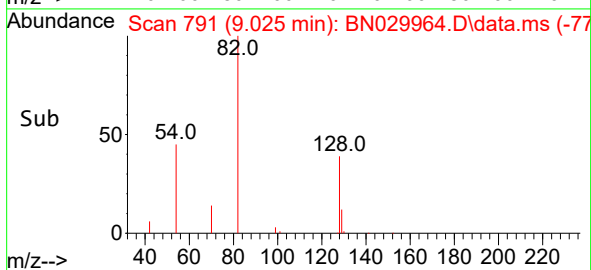
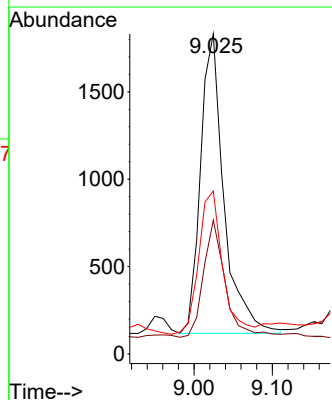
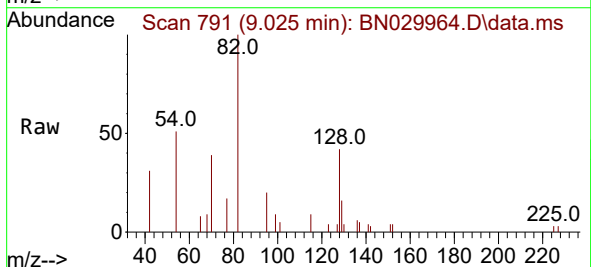
Instrument :
BNA_N
ClientSampleId :
RE132D4-20240214

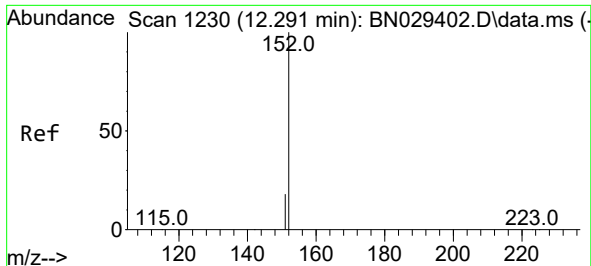
Tgt Ion:	136	Resp:	10384
Ion Ratio	Lower	Upper	
136	100		
137	12.5	9.7	14.5
54	11.3	6.6	10.0#
68	9.9	5.7	8.5#



#8
Nitrobenzene-d5
Concen: 0.413 ng
RT: 9.025 min Scan# 791
Delta R.T. -0.011 min
Lab File: BN029964.D
Acq: 23 Feb 2024 19:40

Tgt Ion:	82	Resp:	3571
Ion Ratio	Lower	Upper	
82	100		
128	41.8	31.6	47.4
54	50.9	38.2	57.4

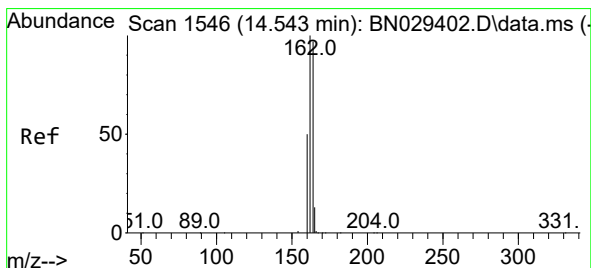
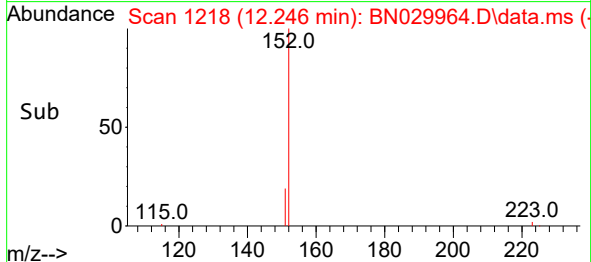
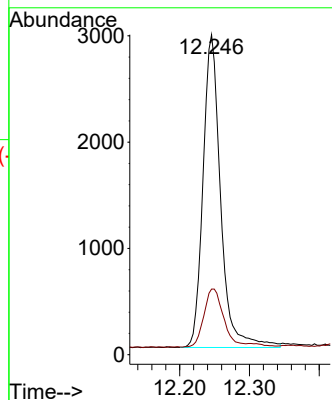
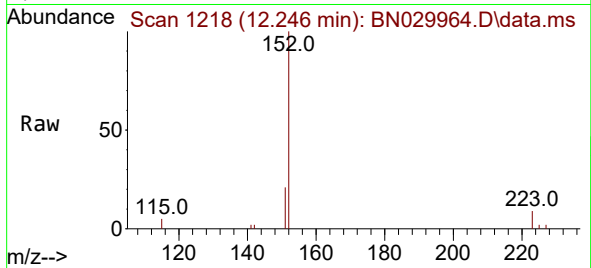




#11
2-Methylnaphthalene-d10
Concen: 0.365 ng
RT: 12.246 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN029964.D
Acq: 23 Feb 2024 19:40

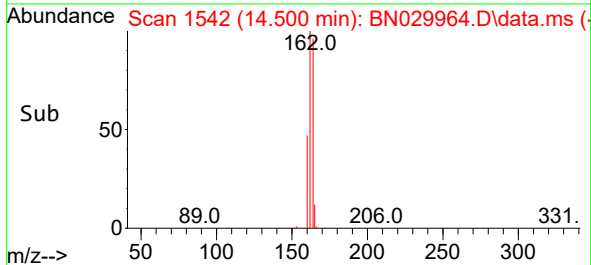
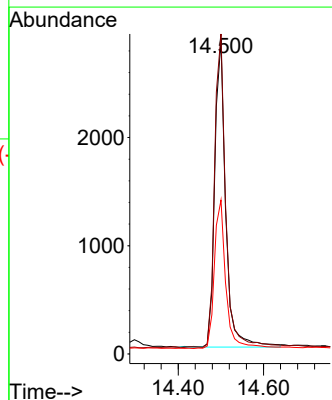
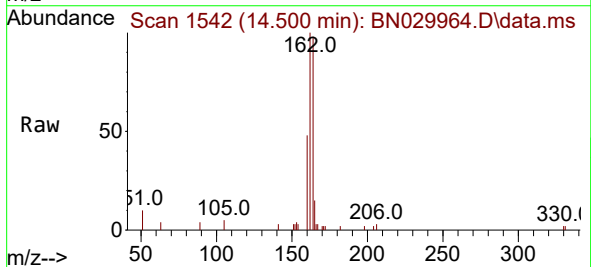
Instrument :
BNA_N
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RE132D4-20240214

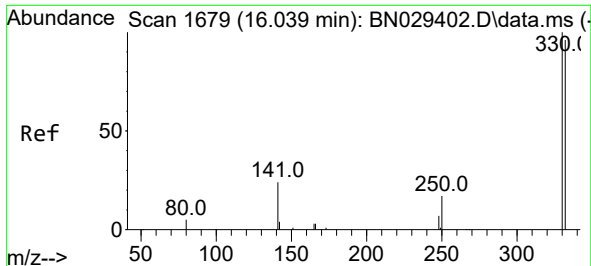
Tgt Ion:152 Resp: 5159
Ion Ratio Lower Upper
152 100
151 20.7 17.1 25.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.500 min Scan# 1542
Delta R.T. -0.011 min
Lab File: BN029964.D
Acq: 23 Feb 2024 19:40

Tgt Ion:164 Resp: 5077
Ion Ratio Lower Upper
164 100
162 102.0 82.6 123.8
160 49.1 41.5 62.3

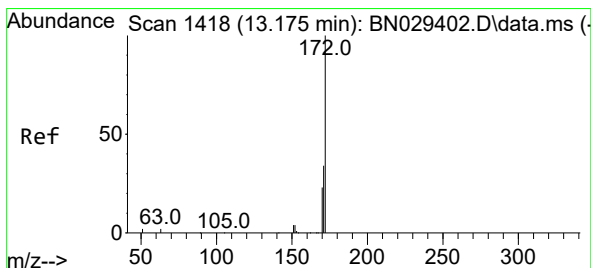
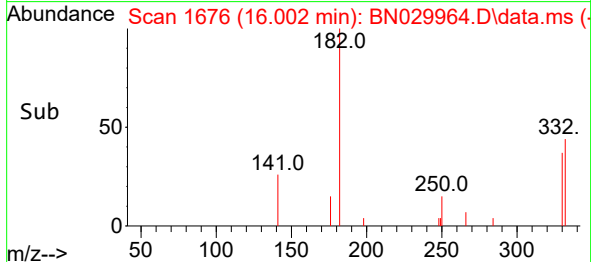
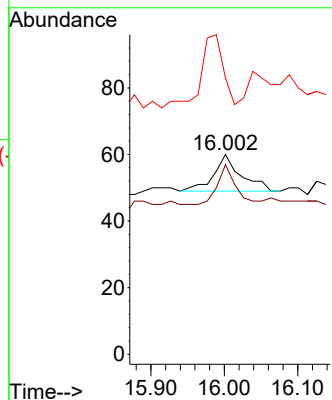
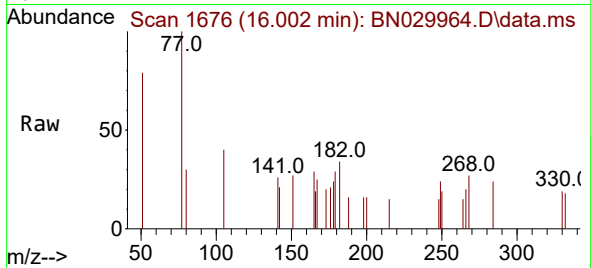




#14
2,4,6-Tribromophenol
Concen: 0.017 ng
RT: 16.002 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029964.D
Acq: 23 Feb 2024 19:40

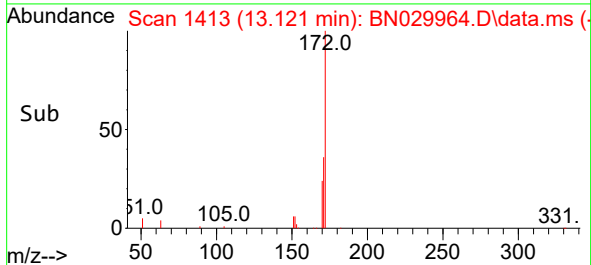
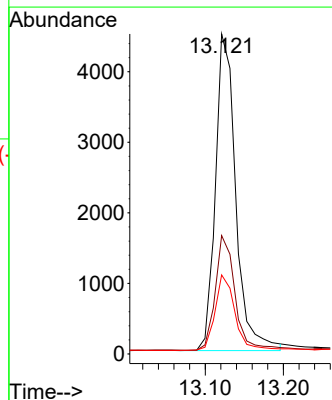
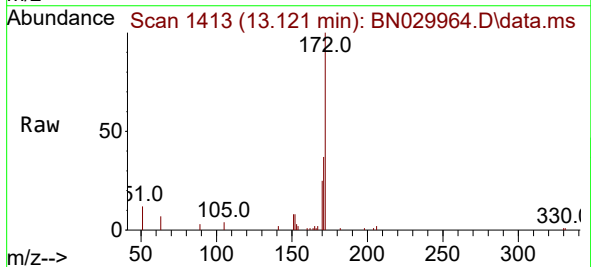
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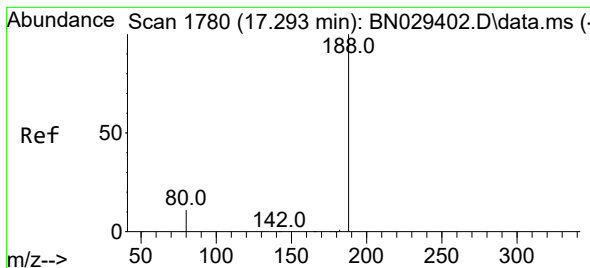
Tgt Ion:330 Resp: 28
Ion Ratio Lower Upper
330 100
332 75.0 76.0 114.0#
141 167.9 43.4 65.2#



#15
2-Fluorobiphenyl
Concen: 0.372 ng
RT: 13.121 min Scan# 1413
Delta R.T. -0.011 min
Lab File: BN029964.D
Acq: 23 Feb 2024 19:40

Tgt Ion:172 Resp: 8116
Ion Ratio Lower Upper
172 100
171 37.0 28.0 42.0
170 24.7 18.7 28.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.255 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN029964.D

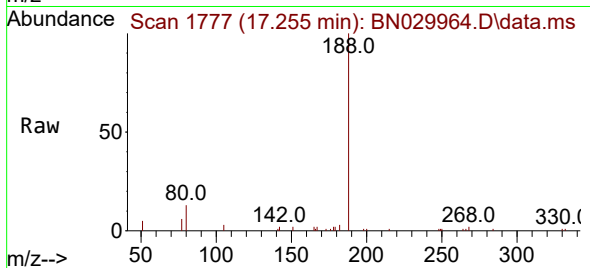
Acq: 23 Feb 2024 19:40

Instrument :

BNA_N

ClientSampleId :

RE132D4-20240214



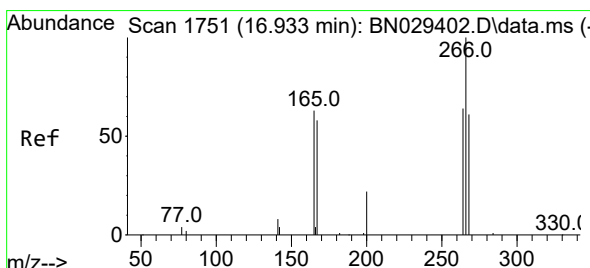
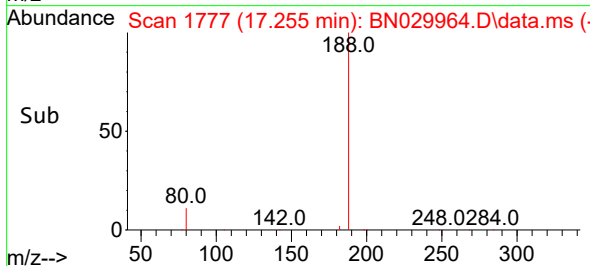
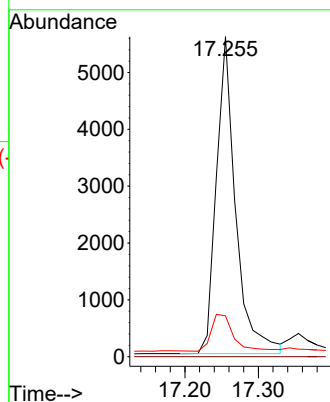
Tgt Ion:188 Resp: 10190

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.8 10.0 15.0



#24

Pentachlorophenol

Concen: 0.045 ng

RT: 16.895 min Scan# 1748

Delta R.T. -0.013 min

Lab File: BN029964.D

Acq: 23 Feb 2024 19:40

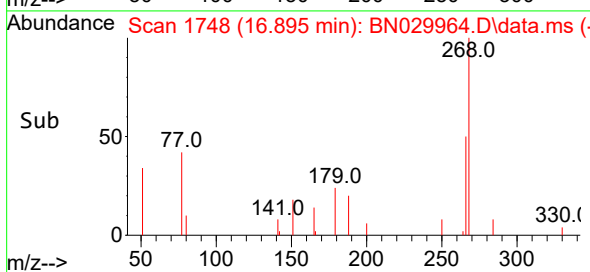
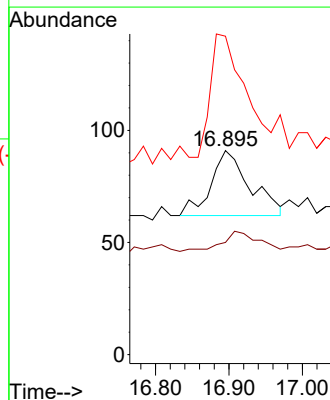
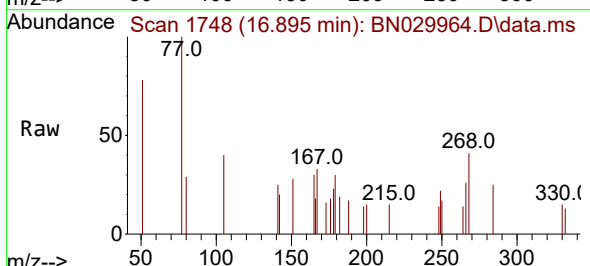
Tgt Ion:266 Resp: 107

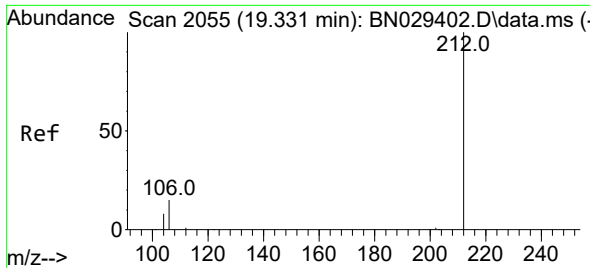
Ion Ratio Lower Upper

266 100

264 0.0 50.8 76.2#

268 205.6 51.5 77.3#

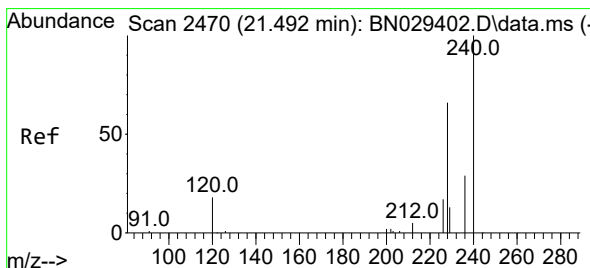
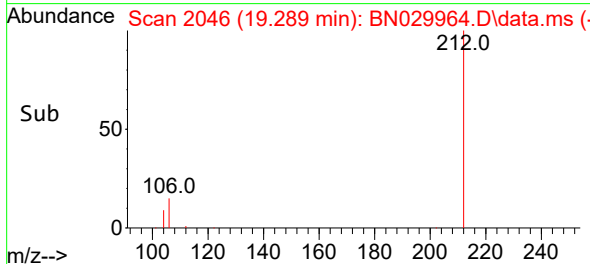
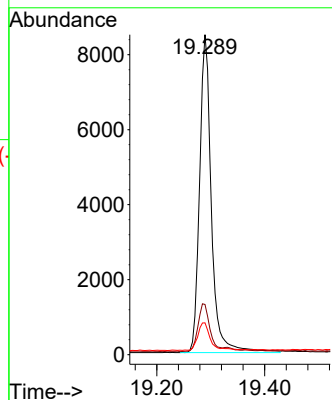
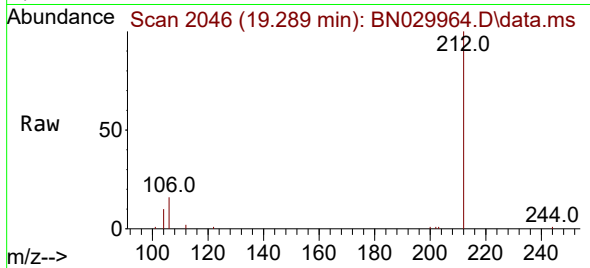




#27
Fluoranthene-d10
Concen: 0.522 ng
RT: 19.289 min Scan# 2055
Delta R.T. -0.009 min
Lab File: BN029964.D
Acq: 23 Feb 2024 19:40

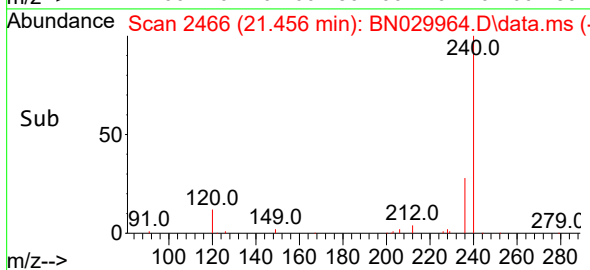
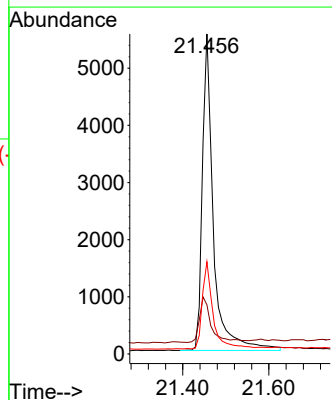
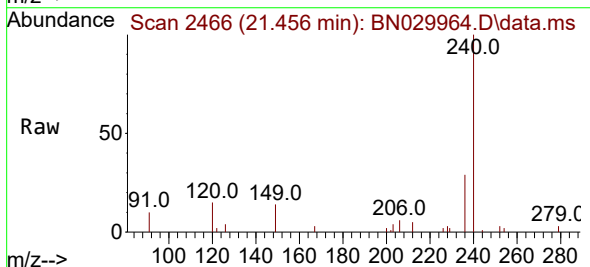
Instrument :
BNA_N
ClientSampleId :
RE132D4-20240214

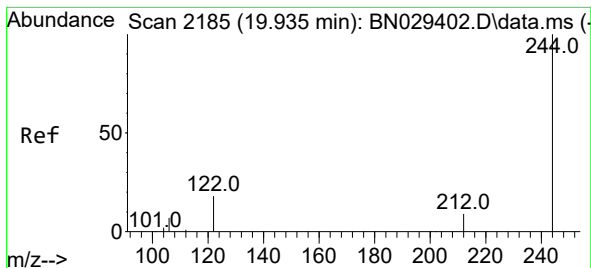
Tgt Ion:212 Resp: 12887
Ion Ratio Lower Upper
212 100
106 15.1 13.2 19.8
104 9.3 7.7 11.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.456 min Scan# 2466
Delta R.T. -0.009 min
Lab File: BN029964.D
Acq: 23 Feb 2024 19:40

Tgt Ion:240 Resp: 9897
Ion Ratio Lower Upper
240 100
120 15.3 16.7 25.1#
236 28.8 23.9 35.9





#31

Terphenyl-d14

Concen: 0.448 ng

RT: 19.898 min Scan# 2177

Delta R.T. -0.009 min

Lab File: BN029964.D

Acq: 23 Feb 2024 19:40

Instrument :

BNA_N

ClientSampleId :

RE132D4-20240214

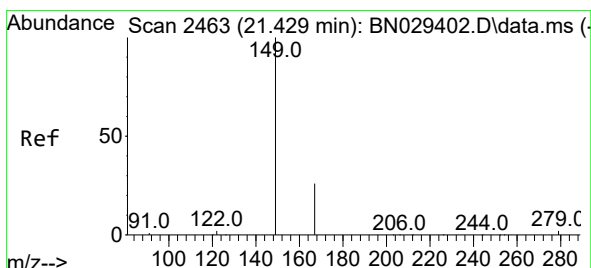
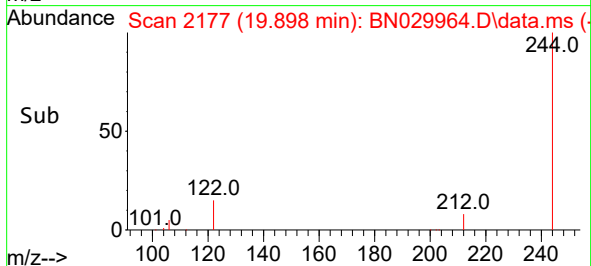
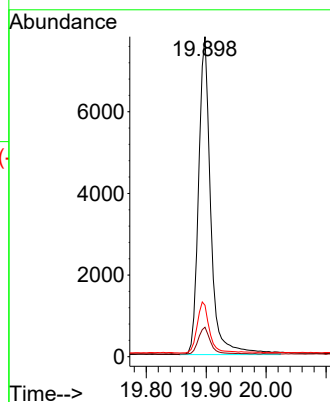
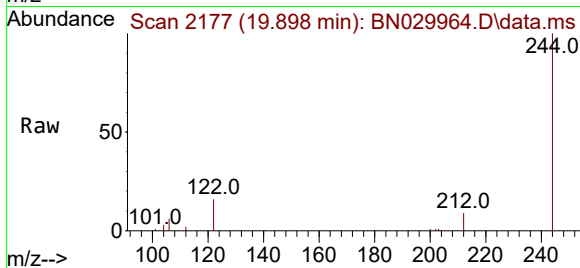
Tgt Ion:244 Resp: 10997

Ion Ratio Lower Upper

244 100

212 9.2 8.2 12.4

122 16.1 15.6 23.4



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.764 ng

RT: 21.384 min Scan# 2458

Delta R.T. -0.009 min

Lab File: BN029964.D

Acq: 23 Feb 2024 19:40

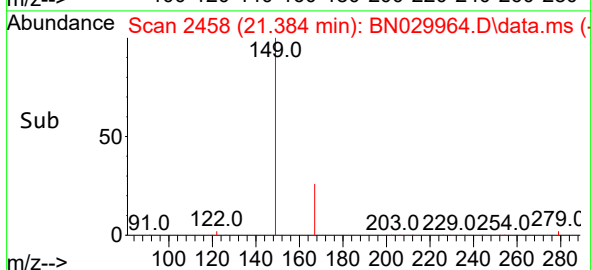
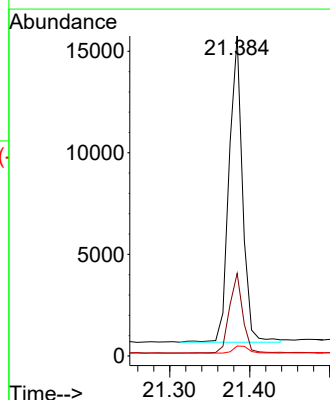
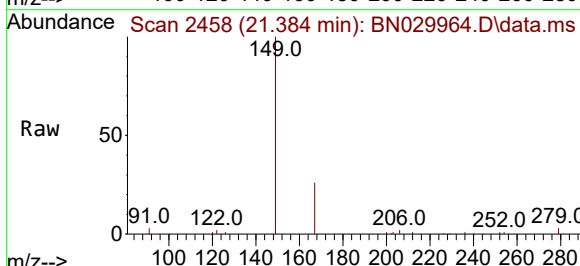
Tgt Ion:149 Resp: 17611

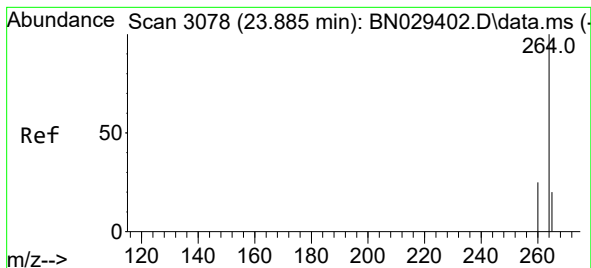
Ion Ratio Lower Upper

149 100

167 25.5 20.1 30.1

279 2.8 2.5 3.7





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.820 min Scan# 3078

Delta R.T. -0.012 min

Lab File: BN029964.D

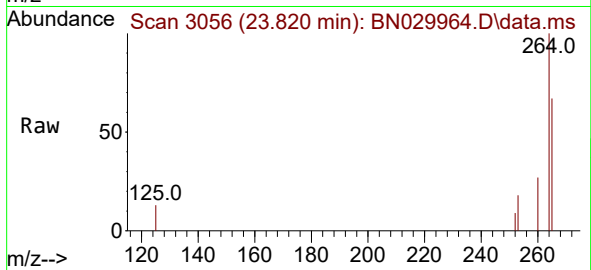
Acq: 23 Feb 2024 19:40

Instrument :

BNA_N

ClientSampleId :

RE132D4-20240214



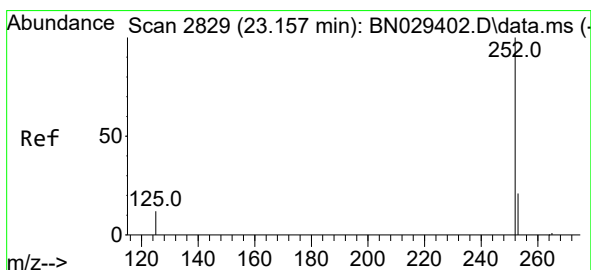
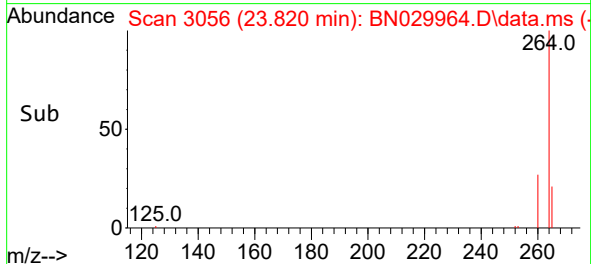
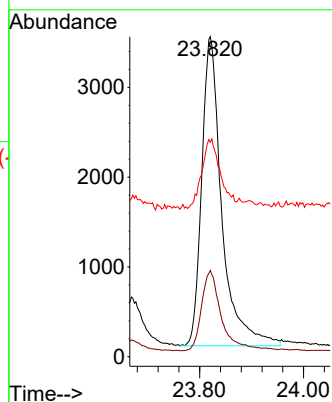
Tgt Ion:264 Resp: 9237

Ion Ratio Lower Upper

264 100

260 26.9 21.2 31.8

265 67.0 41.5 62.3#



#37

Benzo(b)fluoranthene

Concen: 0.030 ng

RT: 23.104 min Scan# 2811

Delta R.T. -0.006 min

Lab File: BN029964.D

Acq: 23 Feb 2024 19:40

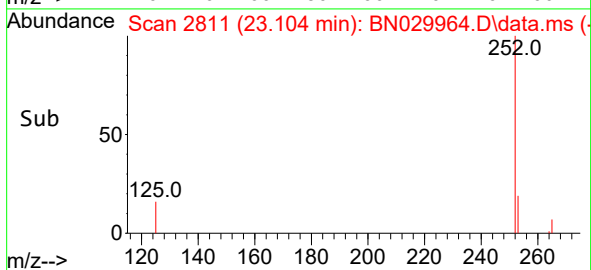
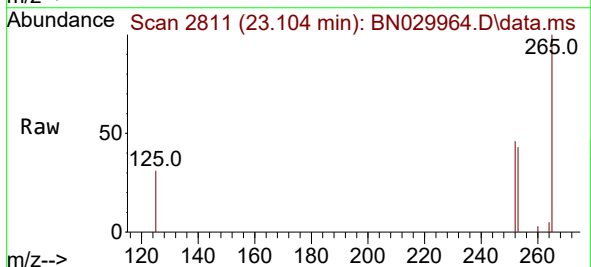
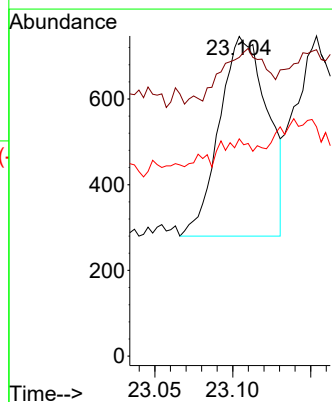
Tgt Ion:252 Resp: 1004

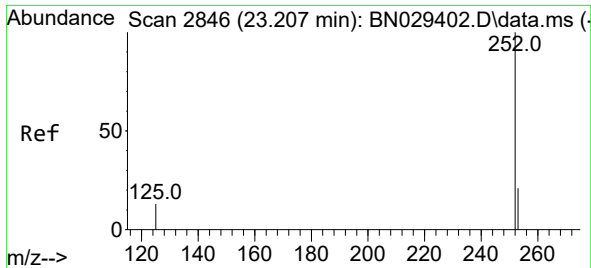
Ion Ratio Lower Upper

252 100

253 93.4 21.7 32.5#

125 68.0 13.3 19.9#





#38

Benzo(k)fluoranthene

Concen: 0.022 ng

RT: 23.154 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN029964.D

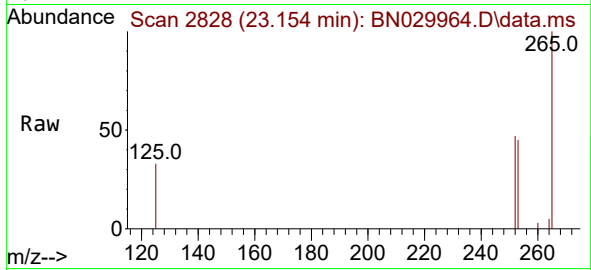
Acq: 23 Feb 2024 19:40

Instrument :

BNA_N

ClientSampleId :

RE132D4-20240214



Tgt Ion:252 Resp: 766

Ion Ratio Lower Upper

252 100

253 95.7 21.8 32.8#

125 71.6 13.9 20.9#

