

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022324\
 Data File : BN029965.D
 Acq On : 23 Feb 2024 20:16
 Operator : MA/JU
 Sample : P1507-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D5-20240214

Quant Time: Feb 24 02:22:52 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)

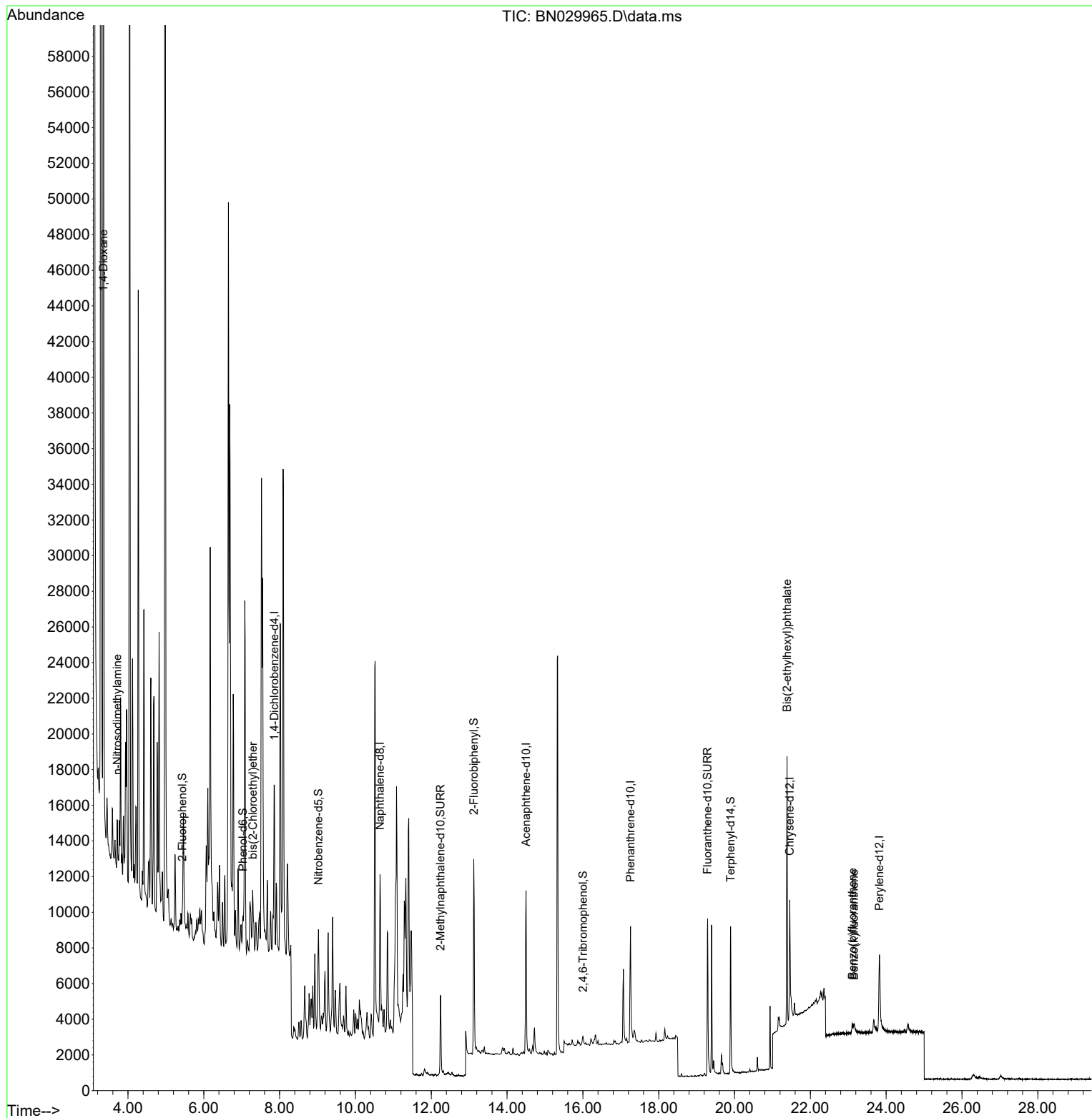
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.861	152	4827	0.400	ng	0.00
7) Naphthalene-d8	10.647	136	12552	0.400	ng	#-0.02
13) Acenaphthene-d10	14.500	164	5924	0.400	ng	-0.01
19) Phenanthrene-d10	17.255	188	10727	0.400	ng	0.00
29) Chrysene-d12	21.456	240	8304	0.400	ng	0.00
35) Perylene-d12	23.823	264	7731	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	963	0.083	ng	0.00
5) Phenol-d6	7.031	99	1262	0.094	ng	0.00
8) Nitrobenzene-d5	9.025	82	4737	0.453	ng	-0.01
11) 2-Methylnaphthalene-d10	12.246	152	6735	0.394	ng	-0.01
14) 2,4,6-Tribromophenol	16.002	330	340	0.179	ng	0.00
15) 2-Fluorobiphenyl	13.121	172	10354	0.407	ng	-0.01
27) Fluoranthene-d10	19.289	212	10905	0.420	ng	0.00
31) Terphenyl-d14	19.898	244	9067	0.440	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.355	88	41068	6.043	ng	96
3) n-Nitrosodimethylamine	3.716	42	649	0.117	ng	# 1
6) bis(2-Chloroethyl)ether	7.298	93	659	0.052	ng	# 81
34) Bis(2-ethylhexyl)phtha...	21.384	149	13671	0.707	ng	100
37) Benzo(b)fluoranthene	23.110	252	874	0.032	ng	# 1
38) Benzo(k)fluoranthene	23.154	252	627	0.022	ng	# 1

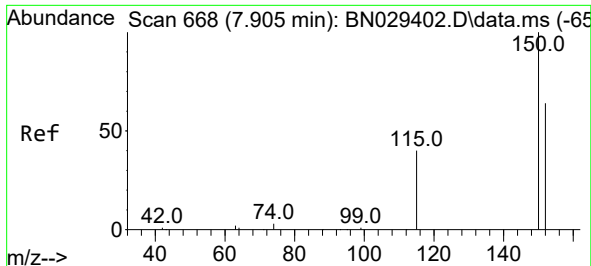
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022324\
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BNA_N
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RE132D5-20240214

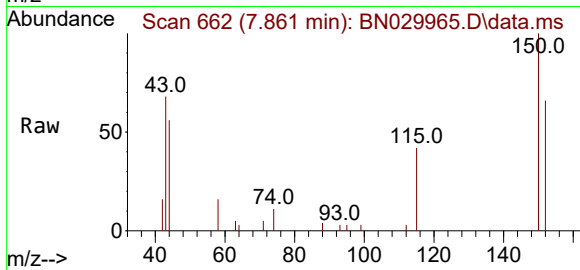
Quant Time: Feb 24 02:22:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 16 23:52:05 2024
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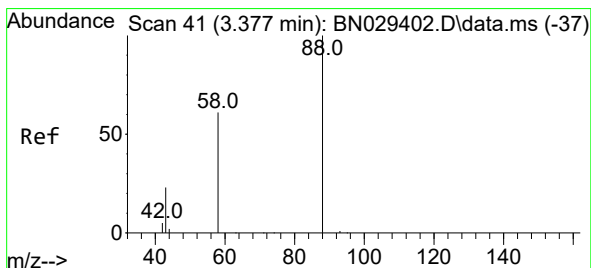
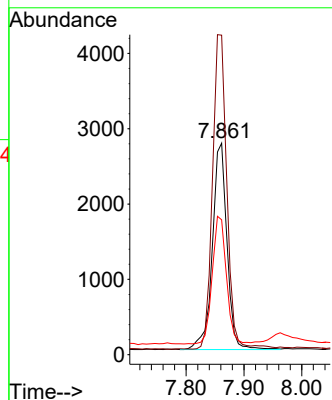
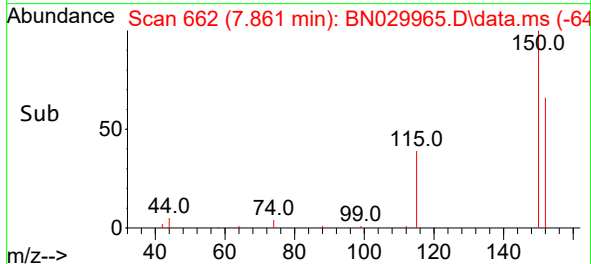


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.861 min Scan# 60
 Delta R.T. -0.008 min
 Lab File: BN029965.D
 Acq: 23 Feb 2024 20:16

Instrument :
 BNA_N
 ClientSampleId :
 RE132D5-20240214

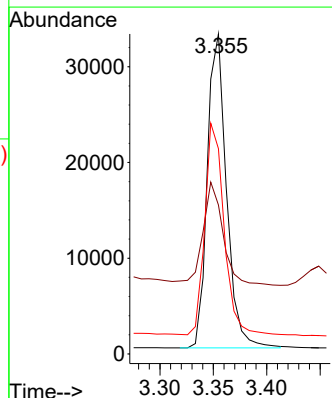
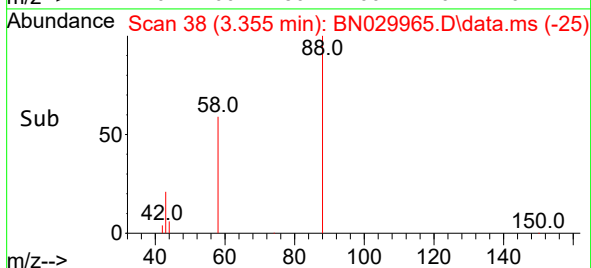
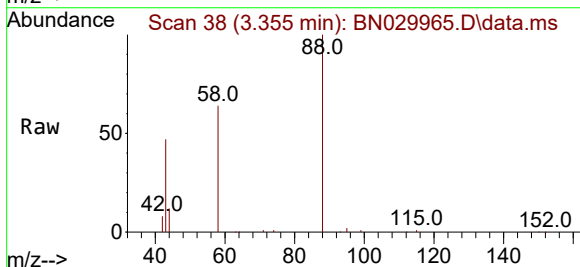


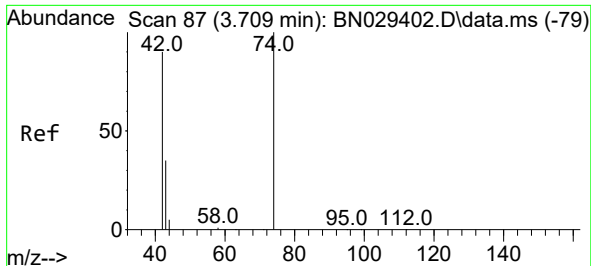
Tgt Ion:152 Resp: 4827
 Ion Ratio Lower Upper
 152 100
 150 151.0 123.0 184.4
 115 63.8 51.4 77.0



#2
 1,4-Dioxane
 Concen: 6.043 ng
 RT: 3.355 min Scan# 38
 Delta R.T. -0.007 min
 Lab File: BN029965.D
 Acq: 23 Feb 2024 20:16

Tgt Ion: 88 Resp: 41068
 Ion Ratio Lower Upper
 88 100
 43 34.8 23.3 34.9
 58 66.7 53.8 80.6

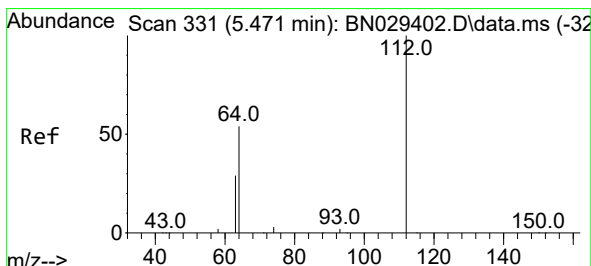
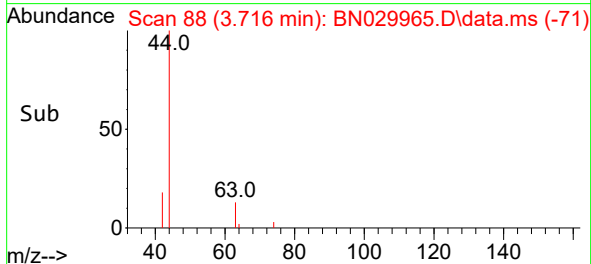
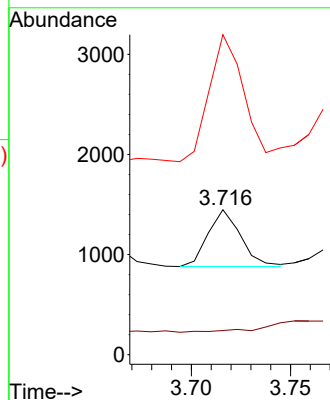
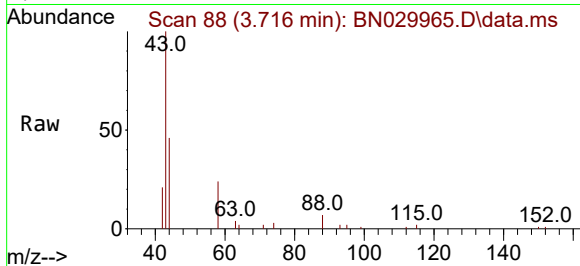




#3
n-Nitrosodimethylamine
Concen: 0.117 ng
RT: 3.716 min Scan# 81
Delta R.T. 0.022 min
Lab File: BN029965.D
Acq: 23 Feb 2024 20:16

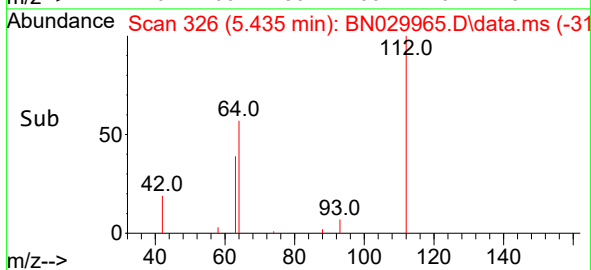
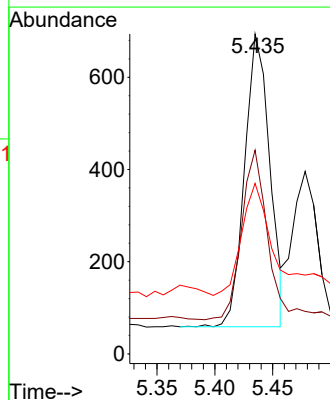
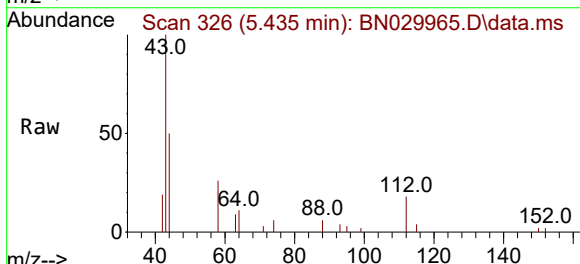
Instrument :
BNA_N
ClientSampleId :
RE132D5-20240214

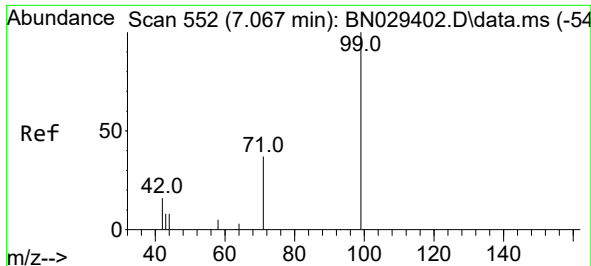
Tgt Ion: 42 Resp: 649
Ion Ratio Lower Upper
42 100
74 0.0 93.7 140.5#
44 244.4 13.0 19.4#



#4
2-Fluorophenol
Concen: 0.083 ng
RT: 5.435 min Scan# 326
Delta R.T. -0.007 min
Lab File: BN029965.D
Acq: 23 Feb 2024 20:16

Tgt Ion: 112 Resp: 963
Ion Ratio Lower Upper
112 100
64 61.8 47.2 70.8
63 55.5 25.8 38.6#

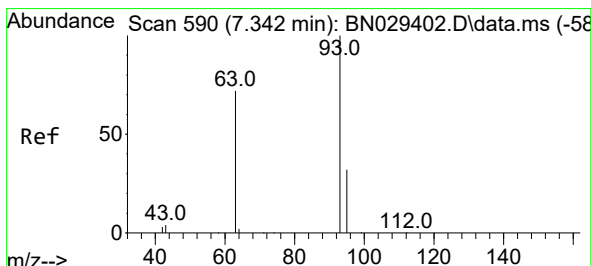
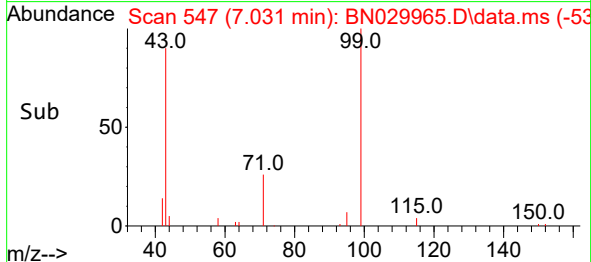
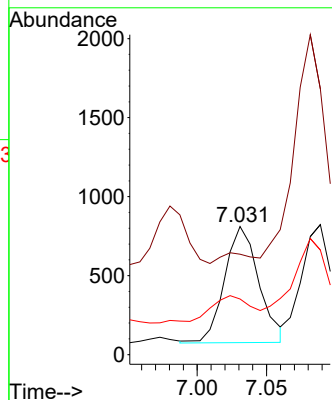
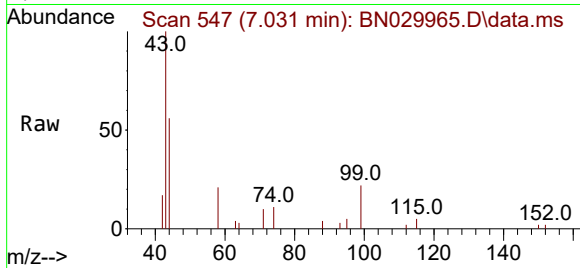




#5
Phenol-d6
Concen: 0.094 ng
RT: 7.031 min Scan# 54
Delta R.T. -0.007 min
Lab File: BN029965.D
Acq: 23 Feb 2024 20:16

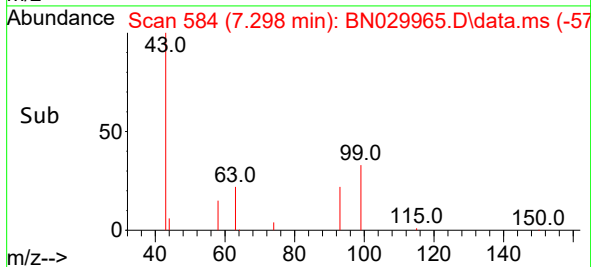
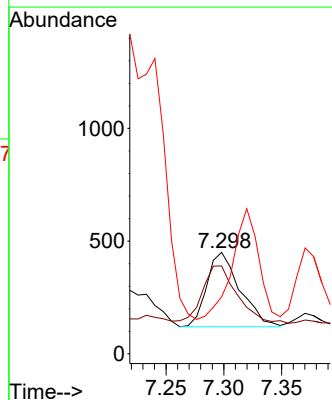
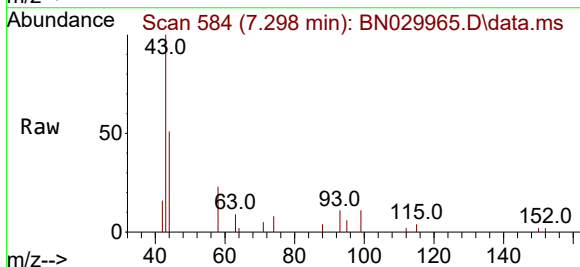
Instrument :
BNA_N
ClientSampleId :
RE132D5-20240214

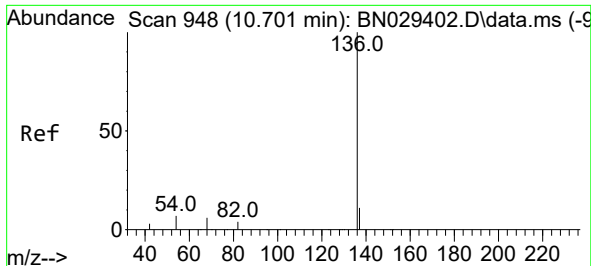
Tgt Ion: 99 Resp: 1262
Ion Ratio Lower Upper
99 100
42 15.4 16.9 25.3#
71 36.2 30.0 45.0



#6
bis(2-Chloroethyl)ether
Concen: 0.052 ng
RT: 7.298 min Scan# 584
Delta R.T. -0.007 min
Lab File: BN029965.D
Acq: 23 Feb 2024 20:16

Tgt Ion: 93 Resp: 659
Ion Ratio Lower Upper
93 100
63 80.7 63.1 94.7
95 0.0 27.1 40.7#

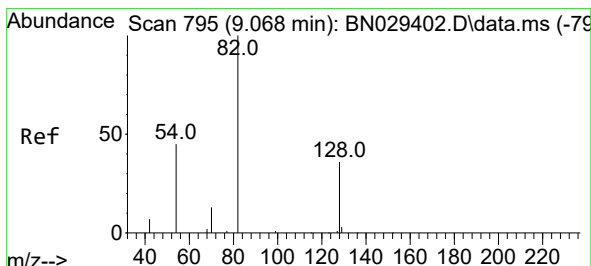
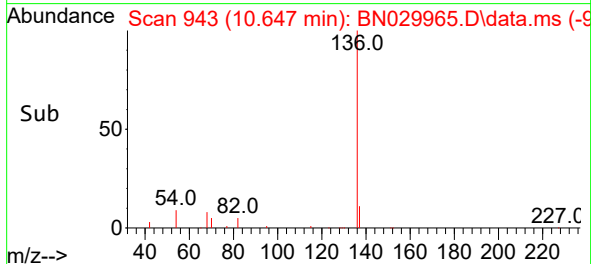
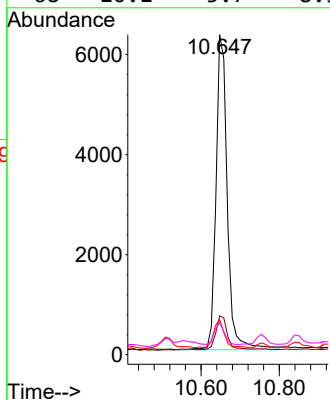
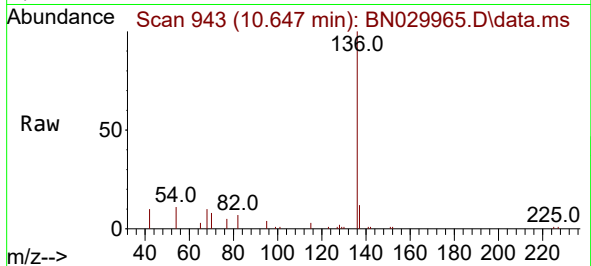




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.647 min Scan# 948
Delta R.T. -0.022 min
Lab File: BN029965.D
Acq: 23 Feb 2024 20:16

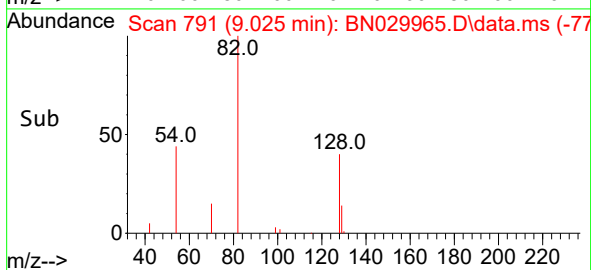
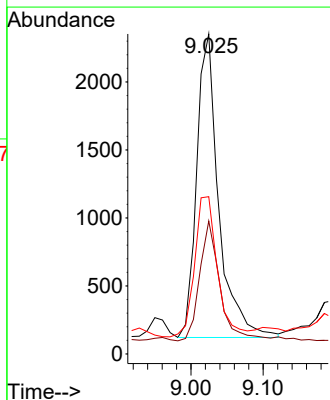
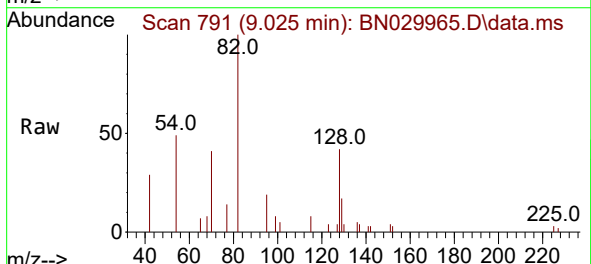
Instrument :
BNA_N
ClientSampleId :
RE132D5-20240214

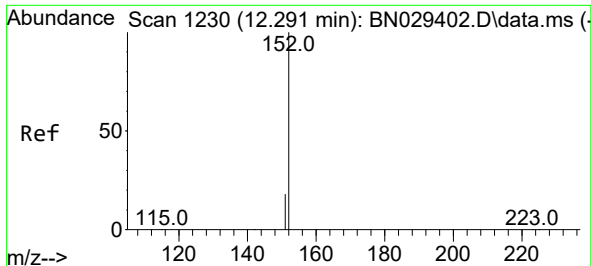
Tgt Ion:	136	Resp:	12552
Ion Ratio	Lower	Upper	
136	100		
137	12.1	9.7	14.5
54	10.9	6.6	10.0#
68	10.1	5.7	8.5#



#8
Nitrobenzene-d5
Concen: 0.453 ng
RT: 9.025 min Scan# 791
Delta R.T. -0.011 min
Lab File: BN029965.D
Acq: 23 Feb 2024 20:16

Tgt Ion:	82	Resp:	4737
Ion Ratio	Lower	Upper	
82	100		
128	41.6	31.6	47.4
54	49.1	38.2	57.4

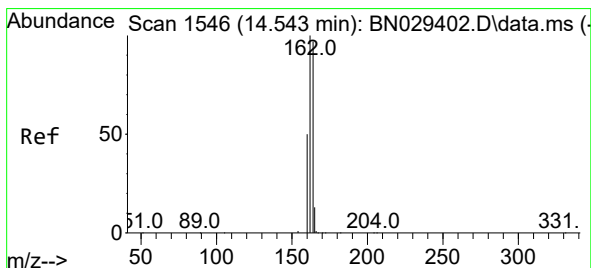
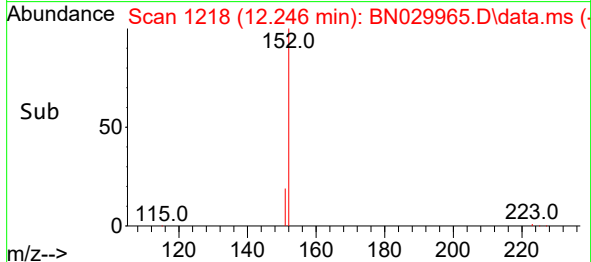
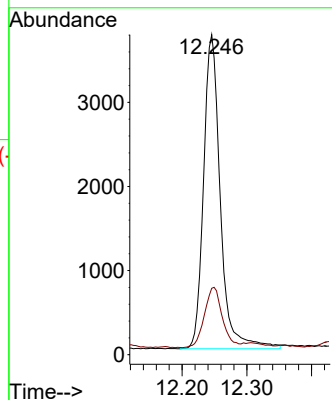
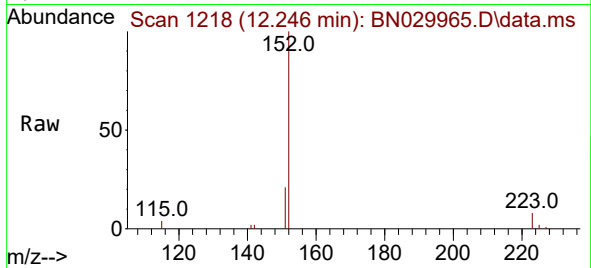




#11
2-Methylnaphthalene-d10
Concen: 0.394 ng
RT: 12.246 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN029965.D
Acq: 23 Feb 2024 20:16

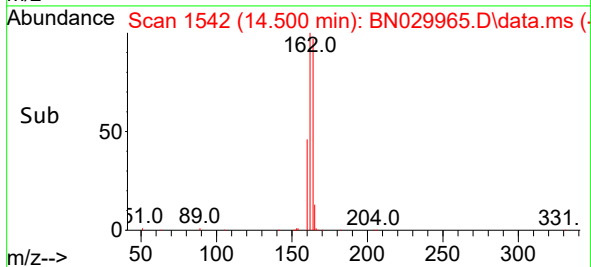
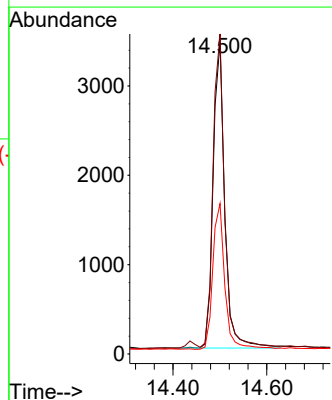
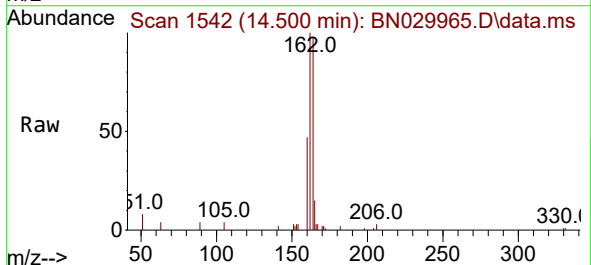
Instrument :
BNA_N
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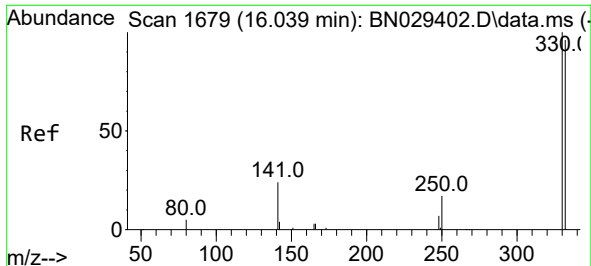
Tgt Ion:152 Resp: 6735
Ion Ratio Lower Upper
152 100
151 20.7 17.1 25.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.500 min Scan# 1542
Delta R.T. -0.011 min
Lab File: BN029965.D
Acq: 23 Feb 2024 20:16

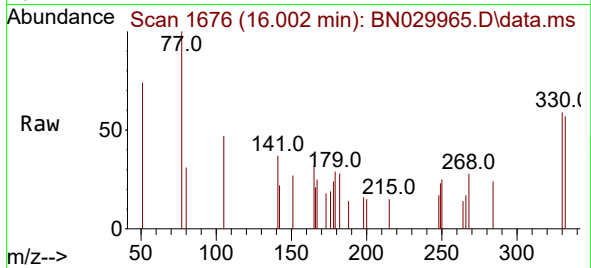
Tgt Ion:164 Resp: 5924
Ion Ratio Lower Upper
164 100
162 102.5 82.6 123.8
160 48.2 41.5 62.3



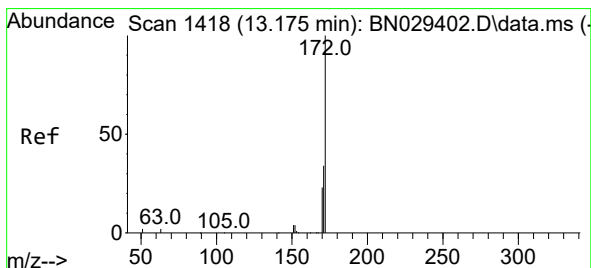
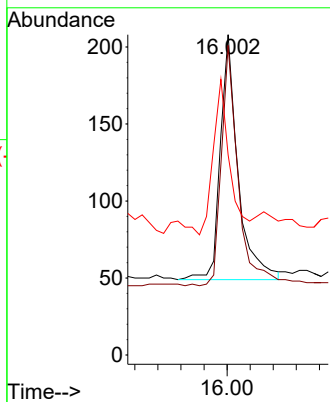
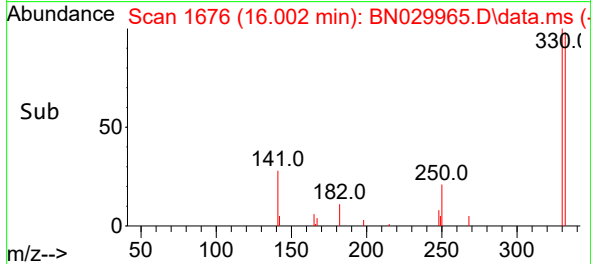


#14
2,4,6-Tribromophenol
Concen: 0.179 ng
RT: 16.002 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029965.D
Acq: 23 Feb 2024 20:16

Instrument :
BNA_N
ClientSampleId :
RE132D5-20240214

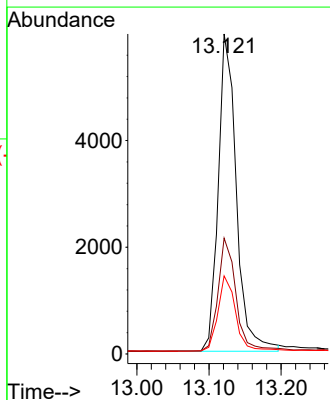
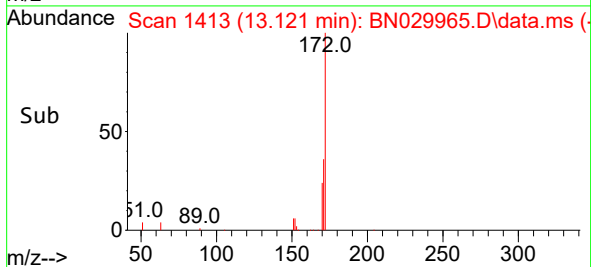
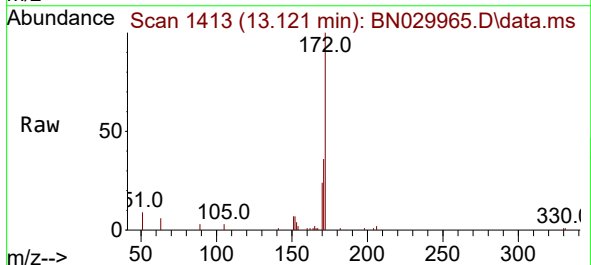


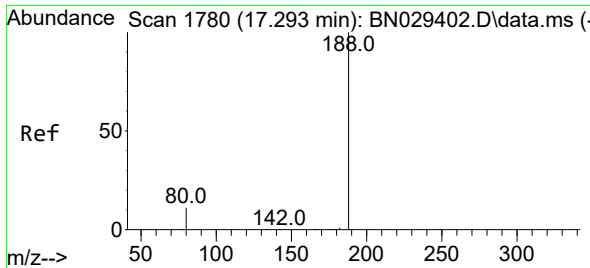
Tgt Ion:330 Resp: 340
Ion Ratio Lower Upper
330 100
332 92.4 76.0 114.0
141 58.2 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.407 ng
RT: 13.121 min Scan# 1413
Delta R.T. -0.011 min
Lab File: BN029965.D
Acq: 23 Feb 2024 20:16

Tgt Ion:172 Resp: 10354
Ion Ratio Lower Upper
172 100
171 36.2 28.0 42.0
170 24.4 18.7 28.1

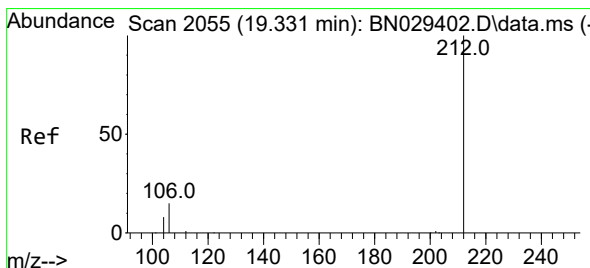
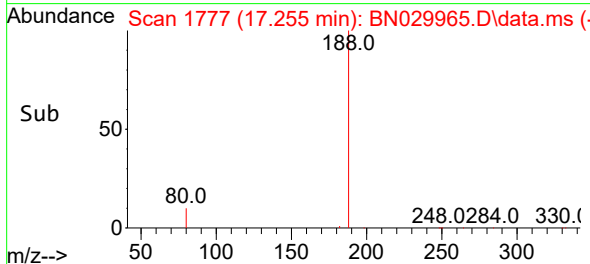
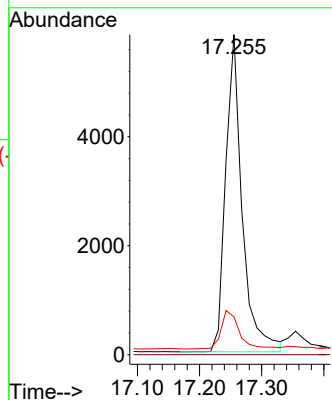
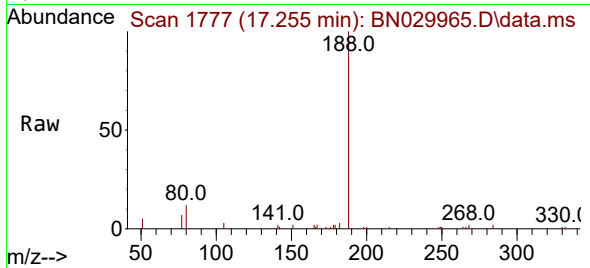




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.255 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN029965.D
Acq: 23 Feb 2024 20:16

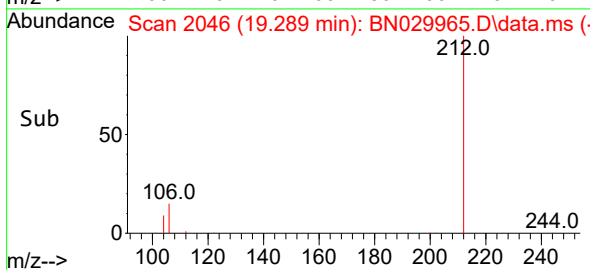
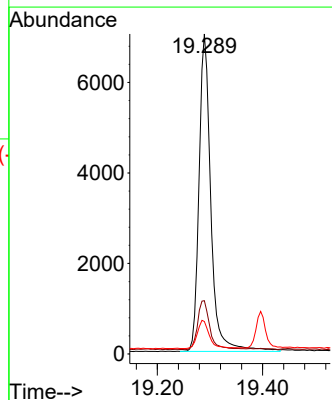
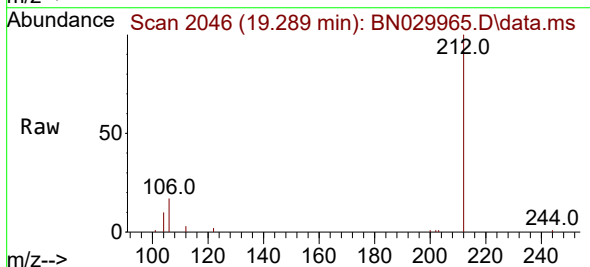
Instrument :
BNA_N
ClientSampleId :
RE132D5-20240214

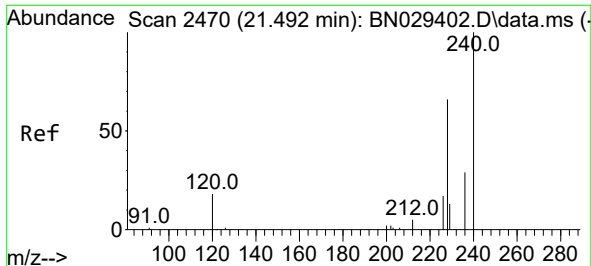
Tgt Ion:188 Resp: 10727
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.9 10.0 15.0



#27
Fluoranthene-d10
Concen: 0.420 ng
RT: 19.289 min Scan# 2046
Delta R.T. -0.009 min
Lab File: BN029965.D
Acq: 23 Feb 2024 20:16

Tgt Ion:212 Resp: 10905
Ion Ratio Lower Upper
212 100
106 15.9 13.2 19.8
104 9.2 7.7 11.5

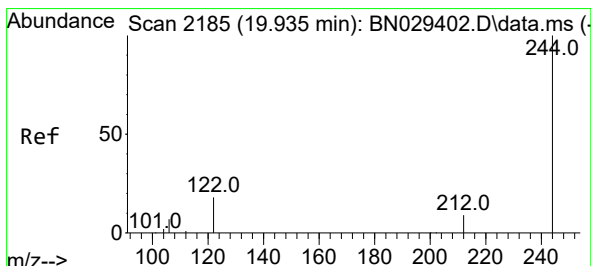
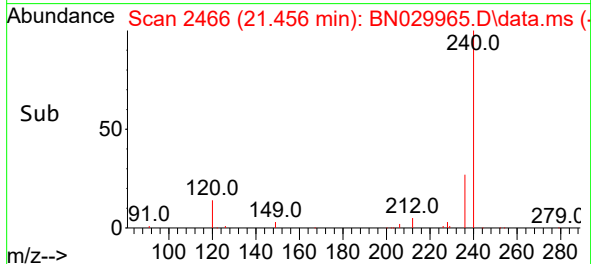
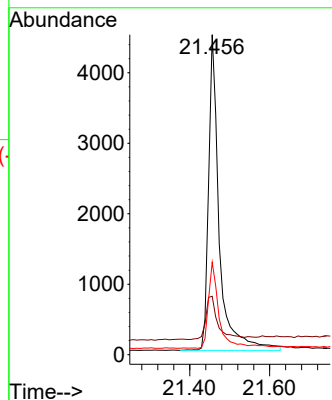
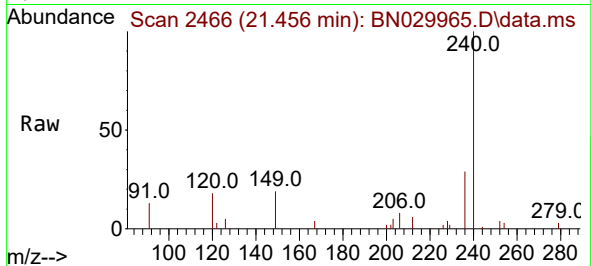




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.456 min Scan# 2466
Delta R.T. -0.009 min
Lab File: BN029965.D
Acq: 23 Feb 2024 20:16

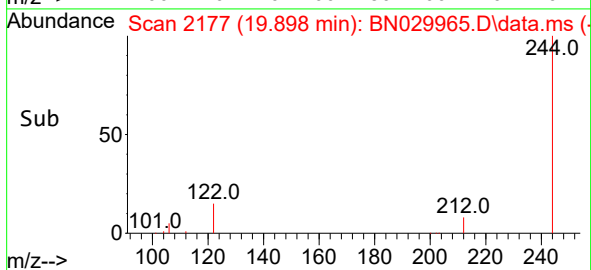
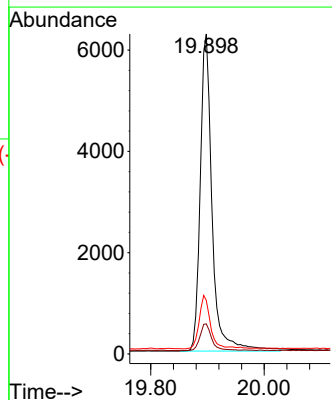
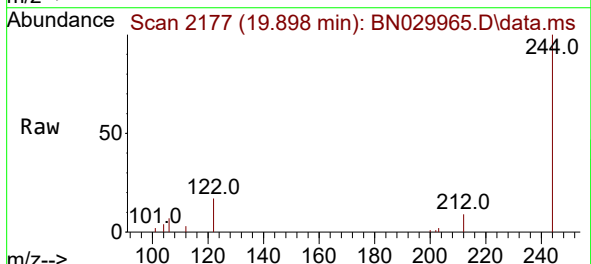
Instrument :
BNA_N
ClientSampleId :
RE132D5-20240214

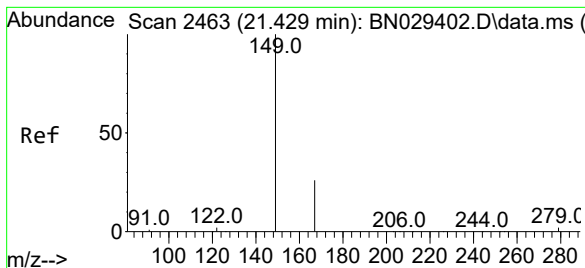
Tgt Ion:240 Resp: 8304
Ion Ratio Lower Upper
240 100
120 18.3 16.7 25.1
236 28.9 23.9 35.9



#31
Terphenyl-d14
Concen: 0.440 ng
RT: 19.898 min Scan# 2177
Delta R.T. -0.009 min
Lab File: BN029965.D
Acq: 23 Feb 2024 20:16

Tgt Ion:244 Resp: 9067
Ion Ratio Lower Upper
244 100
212 9.4 8.2 12.4
122 16.7 15.6 23.4

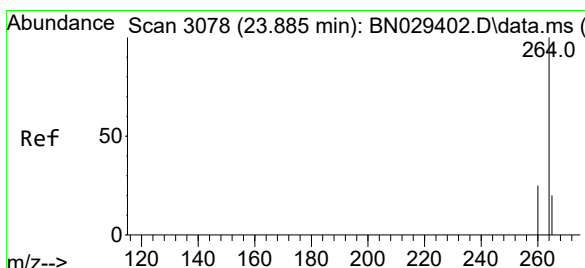
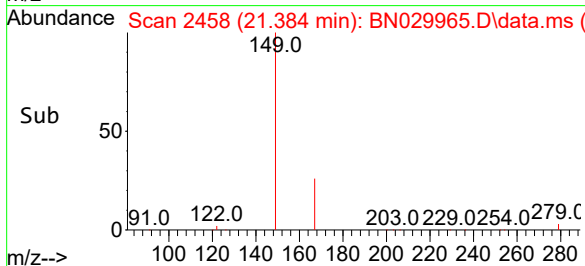
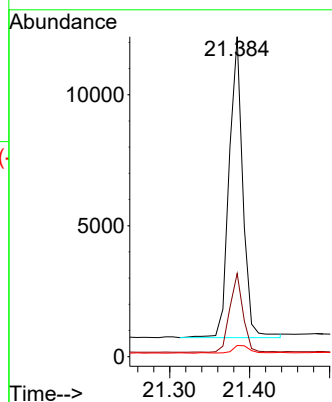
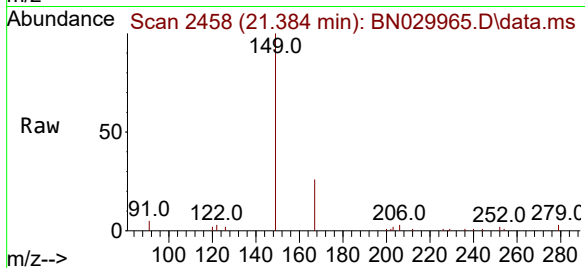




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.707 ng
 RT: 21.384 min Scan# 2463
 Delta R.T. -0.009 min
 Lab File: BN029965.D
 Acq: 23 Feb 2024 20:16

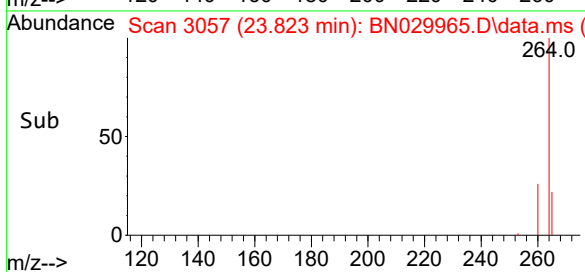
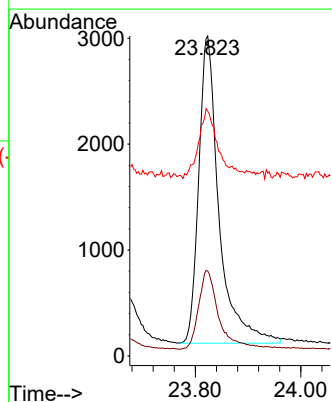
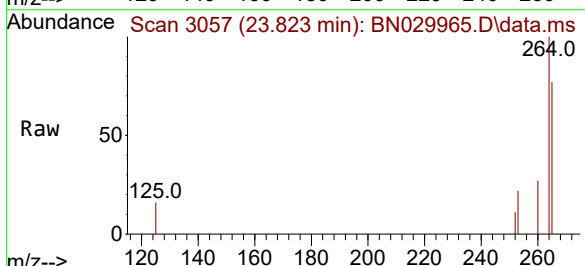
Instrument :
 BNA_N
 ClientSampleId :
 RE132D5-20240214

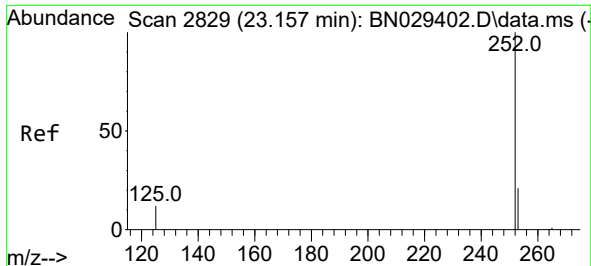
Tgt Ion:149 Resp: 13671
 Ion Ratio Lower Upper
 149 100
 167 25.3 20.1 30.1
 279 3.1 2.5 3.7



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.823 min Scan# 3057
 Delta R.T. -0.009 min
 Lab File: BN029965.D
 Acq: 23 Feb 2024 20:16

Tgt Ion:264 Resp: 7731
 Ion Ratio Lower Upper
 264 100
 260 26.5 21.2 31.8
 265 76.5 41.5 62.3#





#37

Benzo(b)fluoranthene

Concen: 0.032 ng

RT: 23.110 min Scan# 2813

Delta R.T. -0.000 min

Lab File: BN029965.D

Acq: 23 Feb 2024 20:16

Instrument :

BNA_N

ClientSampleId :

RE132D5-20240214

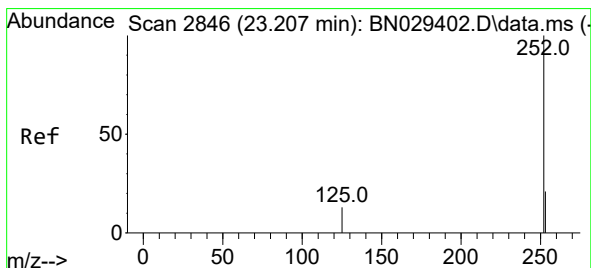
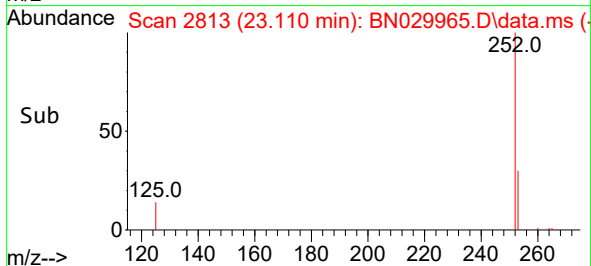
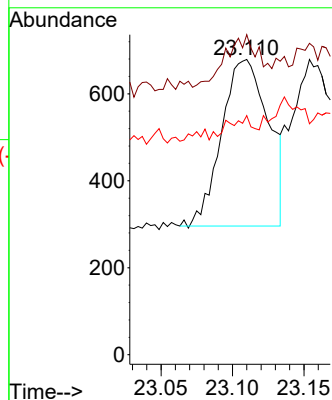
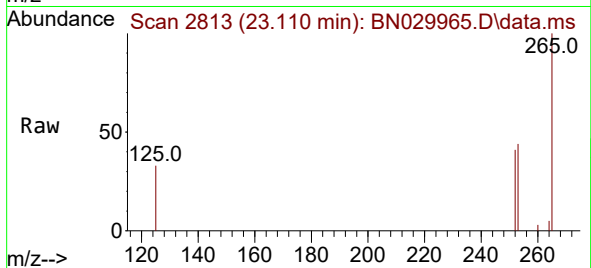
Tgt Ion:252 Resp: 874

Ion Ratio Lower Upper

252 100

253 108.4 21.7 32.5#

125 81.0 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: BN029965.D

Acq: 23 Feb 2024 20:16

Tgt Ion:252 Resp: 627

Ion Ratio Lower Upper

252 100

253 105.4 21.8 32.8#

125 78.2 13.9 20.9#

