

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022324\
 Data File : BN029986.D
 Acq On : 24 Feb 2024 10:06
 Operator : MA/JU
 Sample : P1507-22
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE137-20240215

Quant Time: Feb 26 04:51:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 02:39:45 2024
 Response via : Initial Calibration

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

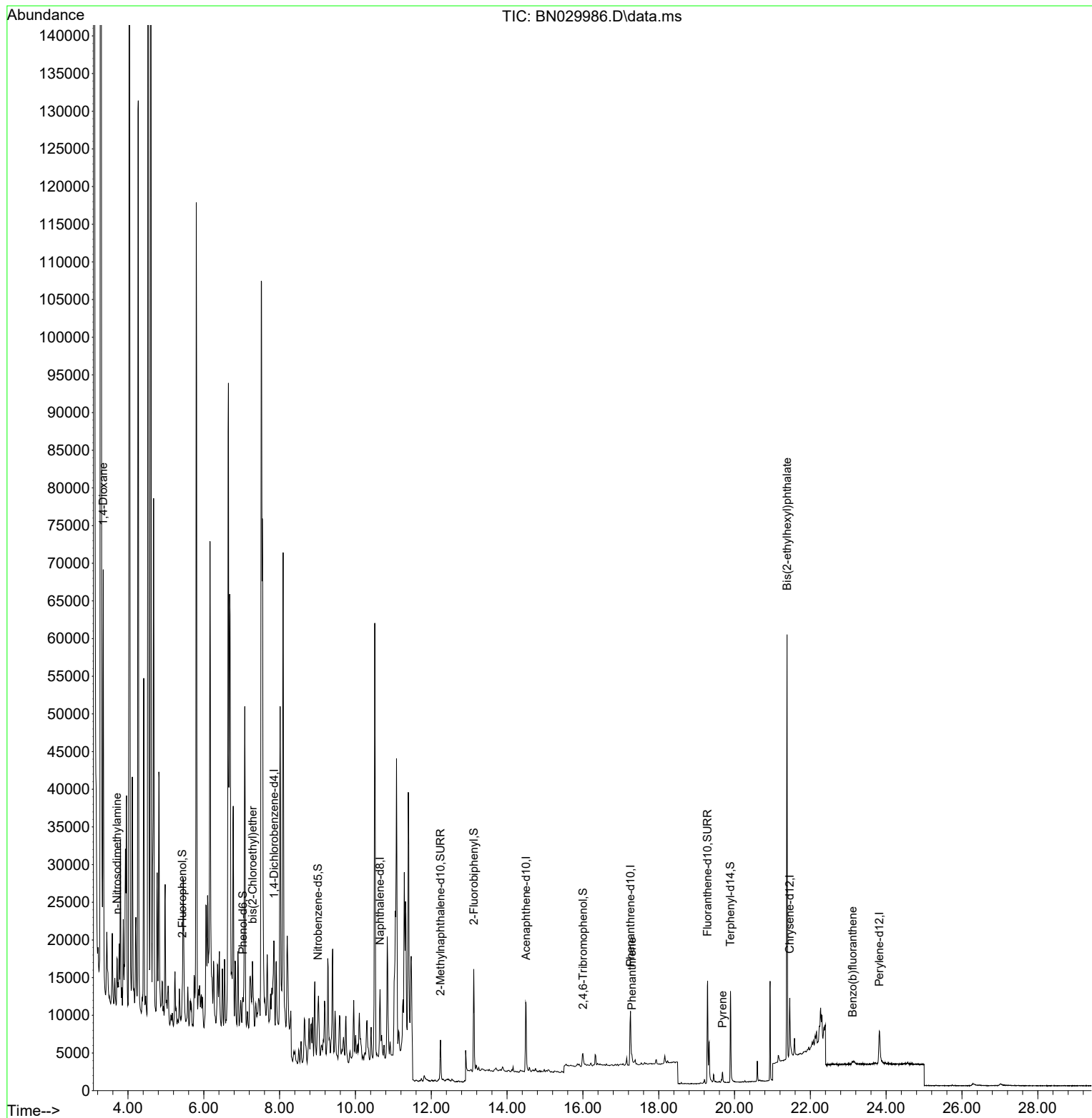
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	4849	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	12669	0.400	ng	# 0.00
13) Acenaphthene-d10	14.500	164	6552	0.400	ng	0.01
19) Phenanthrene-d10	17.255	188	13236	0.400	ng	0.00
29) Chrysene-d12	21.456	240	9834	0.400	ng	# 0.00
35) Perylene-d12	23.820	264	8428	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	2287	0.196	ng	0.00
5) Phenol-d6	7.031	99	2702	0.201	ng	0.00
8) Nitrobenzene-d5	9.014	82	5607	0.532	ng	0.00
11) 2-Methylnaphthalene-d10	12.242	152	7964	0.462	ng	0.00
14) 2,4,6-Tribromophenol	16.002	330	1209	0.575	ng	0.00
15) 2-Fluorobiphenyl	13.121	172	12279	0.437	ng	0.00
27) Fluoranthene-d10	19.289	212	17004	0.530	ng	0.00
31) Terphenyl-d14	19.893	244	13189	0.540	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.348	88	30478	4.465	ng	# 95
3) n-Nitrosodimethylamine	3.709	42	1825	0.328	ng	# 1
6) bis(2-Chloroethyl)ether	7.291	93	696	0.054	ng	# 67
25) Phenanthrene	17.293	178	1002	0.026	ng	# 91
30) Pyrene	19.684	202	1362	0.030	ng	99
34) Bis(2-ethylhexyl)phtha...	21.384	149	49305	2.154	ng	99
37) Benzo(b)fluoranthene	23.113	252	637	0.021	ng	# 1

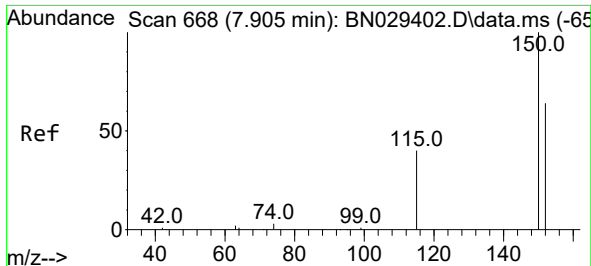
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022324\
Data File : BN029986.D
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BNA_N
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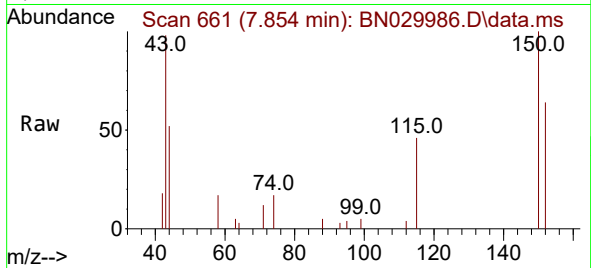
Quant Time: Feb 26 04:51:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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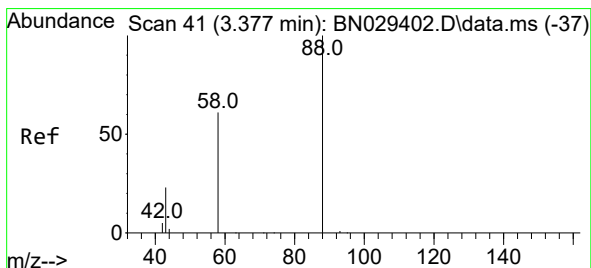
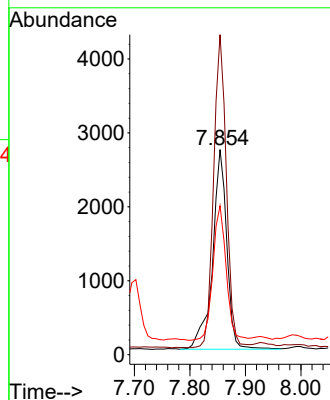
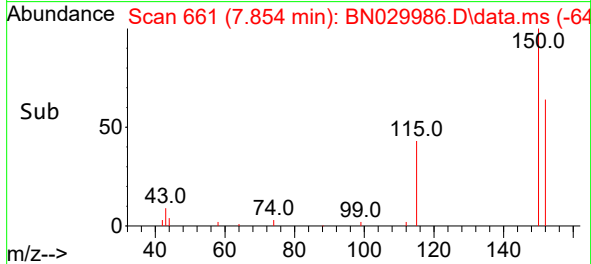


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.854 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN029986.D
Acq: 24 Feb 2024 10:06

Instrument :
BNA_N
ClientSampleId :
RE137-20240215

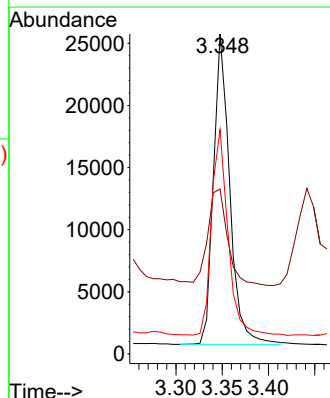
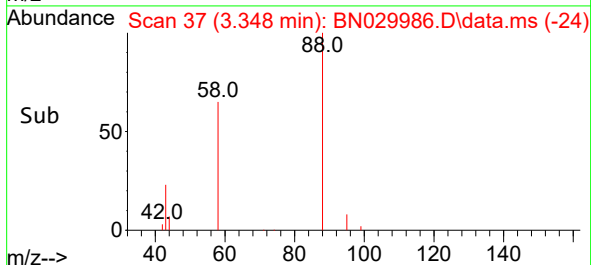
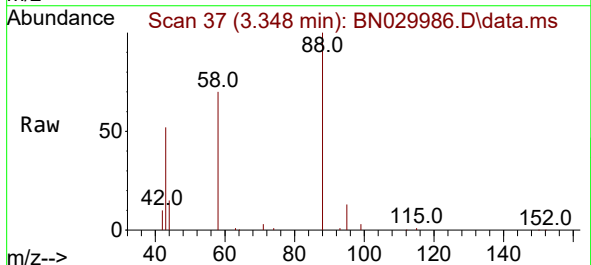


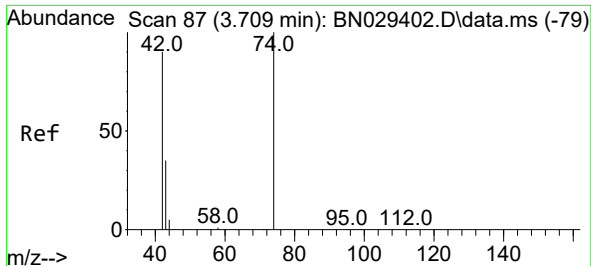
Tgt Ion:152 Resp: 4849
Ion Ratio Lower Upper
152 100
150 156.0 123.0 184.4
115 72.5 51.4 77.0



#2
1,4-Dioxane
Concen: 4.465 ng
RT: 3.348 min Scan# 37
Delta R.T. -0.007 min
Lab File: BN029986.D
Acq: 24 Feb 2024 10:06

Tgt Ion: 88 Resp: 30478
Ion Ratio Lower Upper
88 100
43 38.6 23.3 34.9#
58 67.1 53.8 80.6

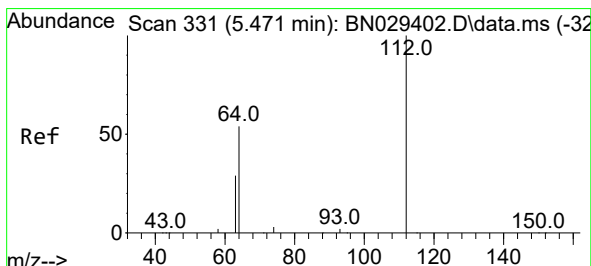
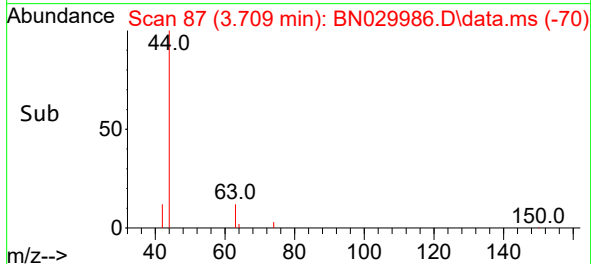
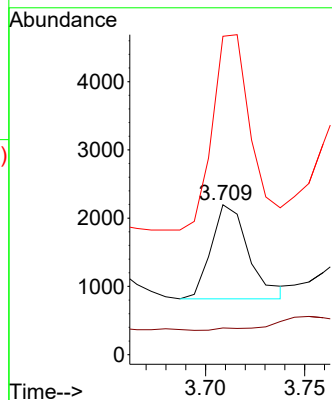
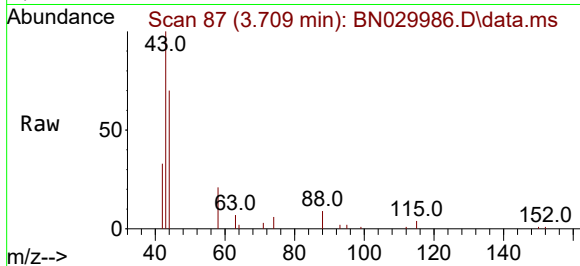




#3
n-Nitrosodimethylamine
Concen: 0.328 ng
RT: 3.709 min Scan# 81
Delta R.T. 0.022 min
Lab File: BN029986.D
Acq: 24 Feb 2024 10:06

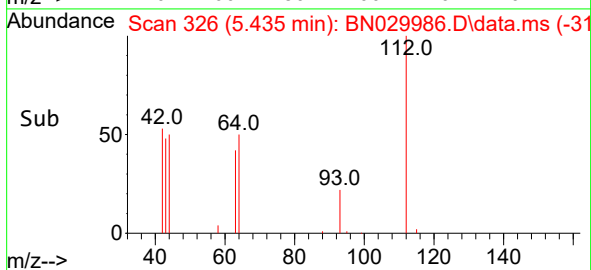
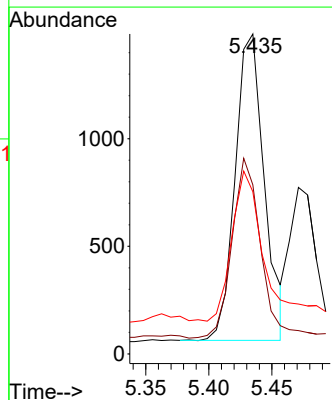
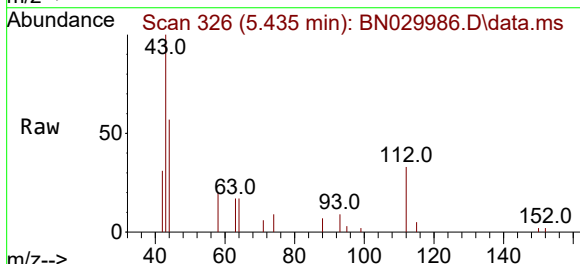
Instrument :
BNA_N
ClientSampleId :
RE137-20240215

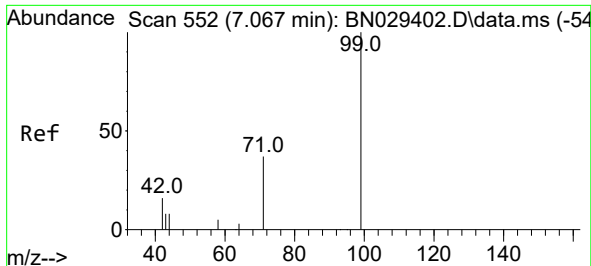
Tgt Ion: 42 Resp: 1825
Ion Ratio Lower Upper
42 100
74 0.0 93.7 140.5#
44 214.0 13.0 19.4#



#4
2-Fluorophenol
Concen: 0.196 ng
RT: 5.435 min Scan# 326
Delta R.T. 0.007 min
Lab File: BN029986.D
Acq: 24 Feb 2024 10:06

Tgt Ion: 112 Resp: 2287
Ion Ratio Lower Upper
112 100
64 59.6 47.2 70.8
63 57.0 25.8 38.6#

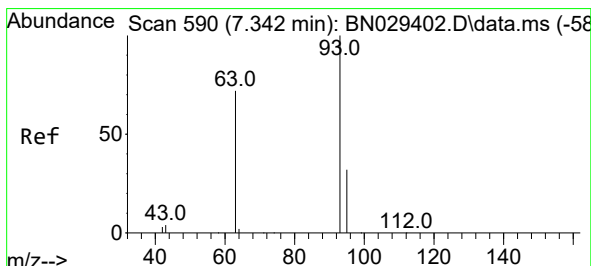
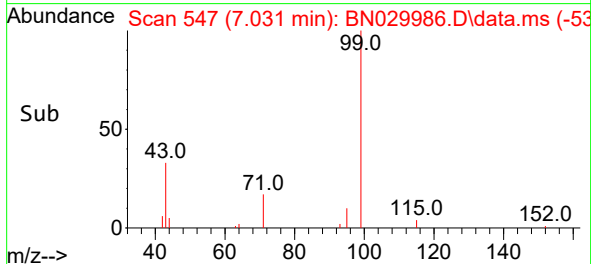
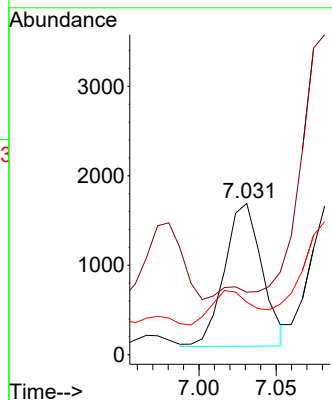
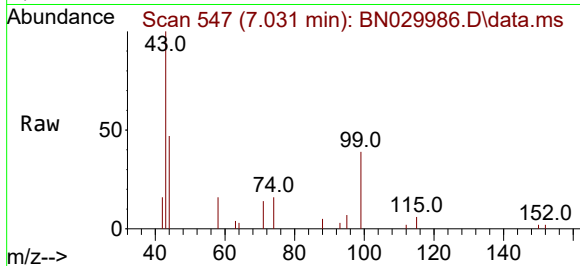




#5
Phenol-d6
Concen: 0.201 ng
RT: 7.031 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN029986.D
Acq: 24 Feb 2024 10:06

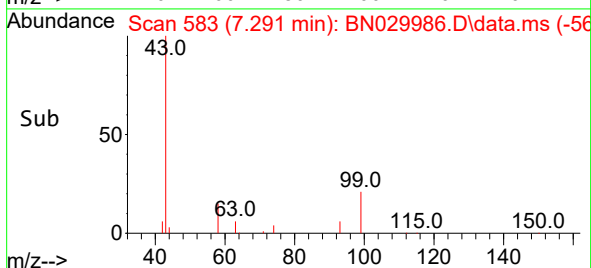
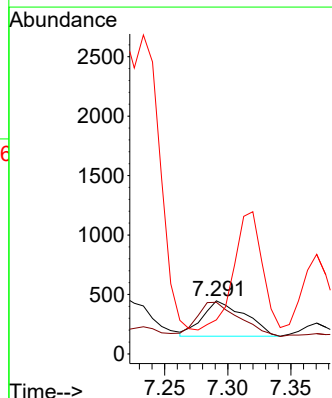
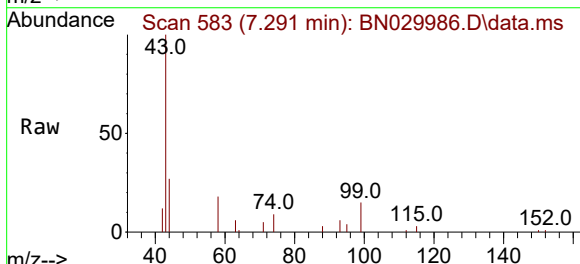
Instrument :
BNA_N
ClientSampleId :
RE137-20240215

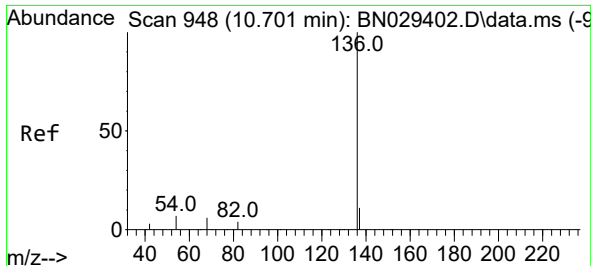
Tgt Ion: 99 Resp: 2702
Ion Ratio Lower Upper
99 100
42 9.6 16.9 25.3#
71 32.1 30.0 45.0



#6
bis(2-Chloroethyl)ether
Concen: 0.054 ng
RT: 7.291 min Scan# 583
Delta R.T. -0.000 min
Lab File: BN029986.D
Acq: 24 Feb 2024 10:06

Tgt Ion: 93 Resp: 696
Ion Ratio Lower Upper
93 100
63 98.4 63.1 94.7#
95 0.0 27.1 40.7#

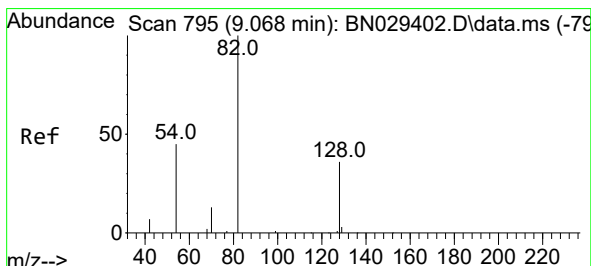
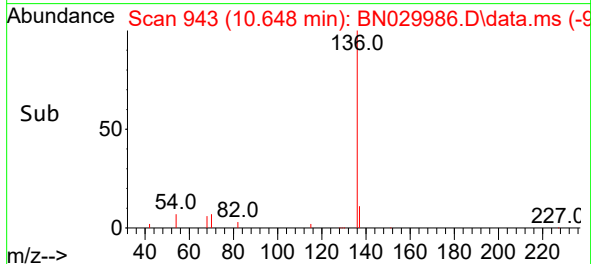
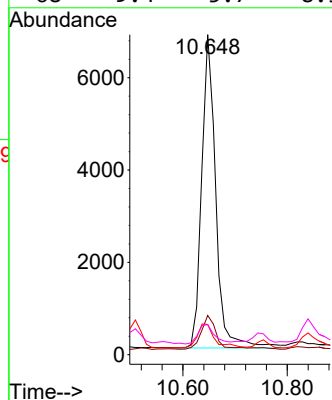
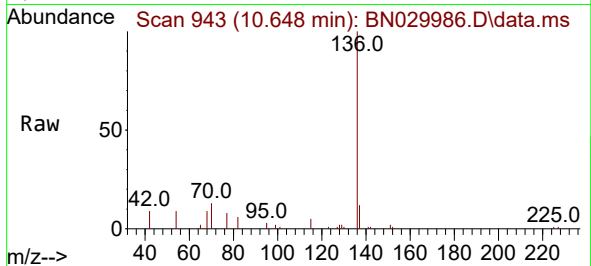




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN029986.D
Acq: 24 Feb 2024 10:06

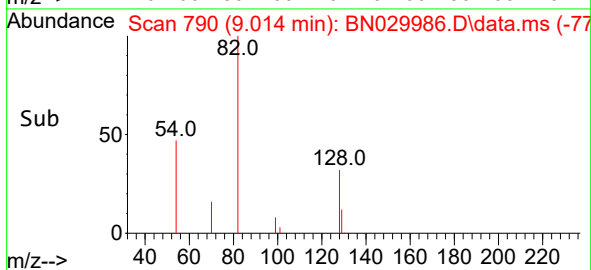
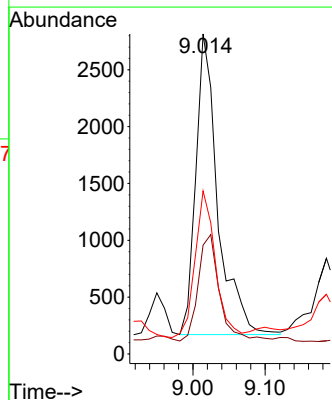
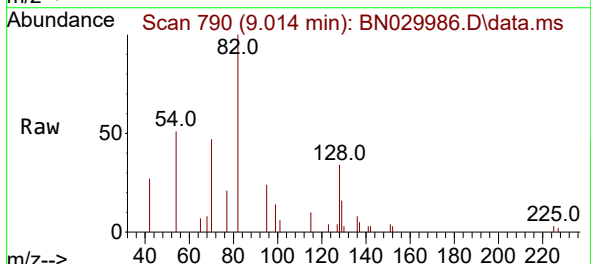
Instrument :
BNA_N
ClientSampleId :
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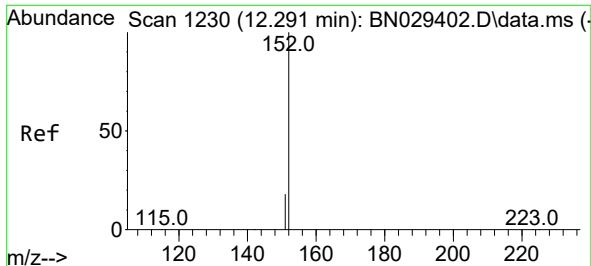
Tgt Ion:136 Resp: 12669
Ion Ratio Lower Upper
136 100
137 12.3 9.7 14.5
54 9.4 6.6 10.0
68 9.4 5.7 8.5#



#8
Nitrobenzene-d5
Concen: 0.532 ng
RT: 9.014 min Scan# 790
Delta R.T. 0.000 min
Lab File: BN029986.D
Acq: 24 Feb 2024 10:06

Tgt Ion: 82 Resp: 5607
Ion Ratio Lower Upper
82 100
128 34.0 31.6 47.4
54 51.0 38.2 57.4

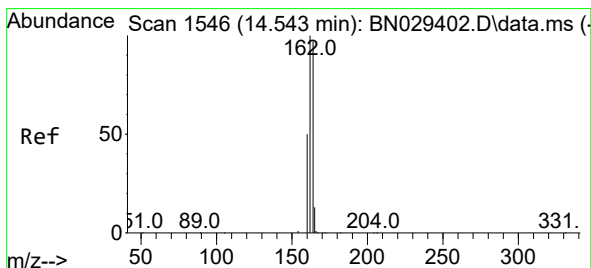
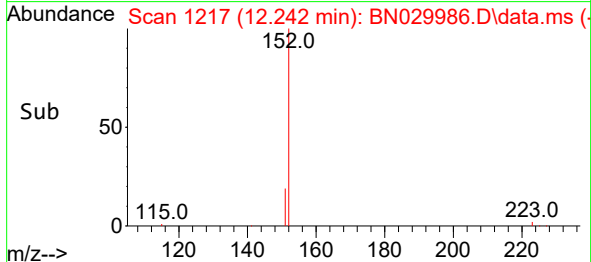
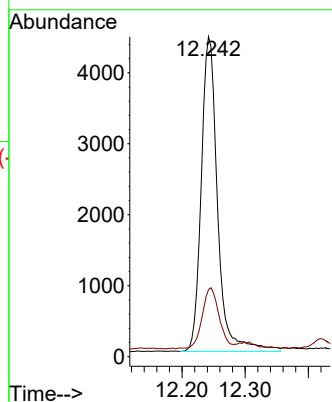
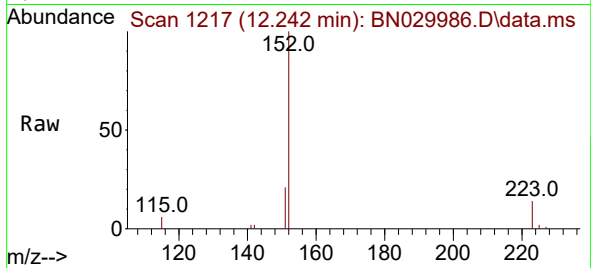




#11
2-Methylnaphthalene-d10
Concen: 0.462 ng
RT: 12.242 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN029986.D
Acq: 24 Feb 2024 10:06

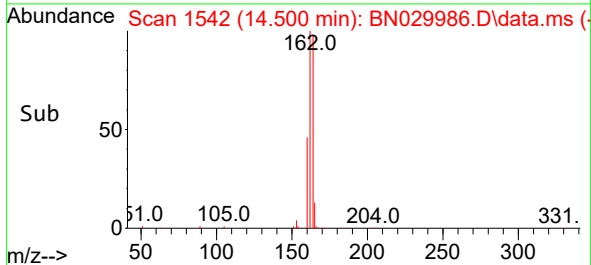
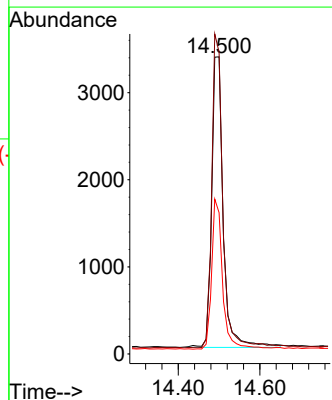
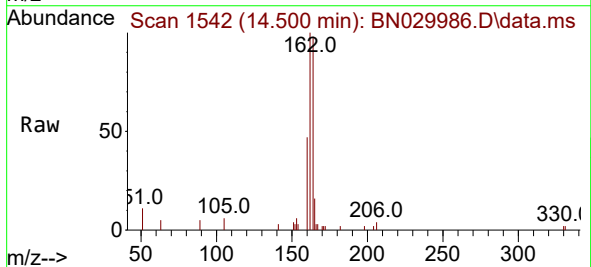
Instrument :
BNA_N
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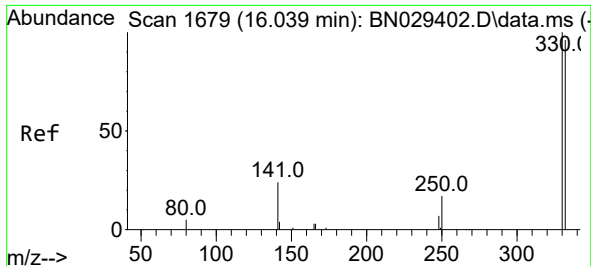
Tgt Ion:152 Resp: 7964
Ion Ratio Lower Upper
152 100
151 19.8 17.1 25.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.500 min Scan# 1542
Delta R.T. 0.011 min
Lab File: BN029986.D
Acq: 24 Feb 2024 10:06

Tgt Ion:164 Resp: 6552
Ion Ratio Lower Upper
164 100
162 101.6 82.6 123.8
160 47.6 41.5 62.3

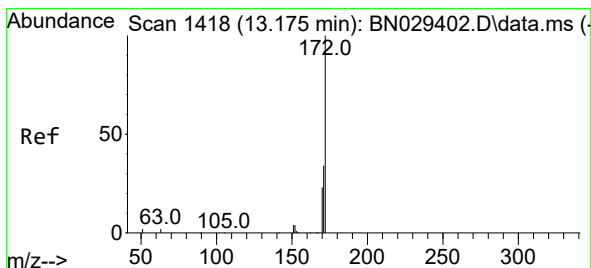
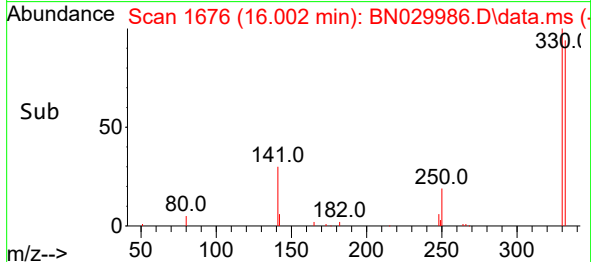
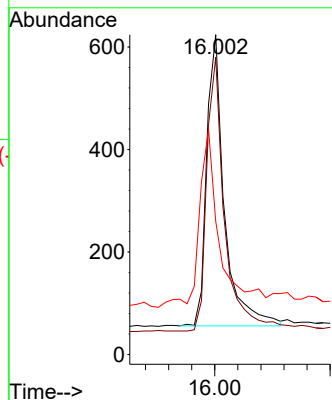
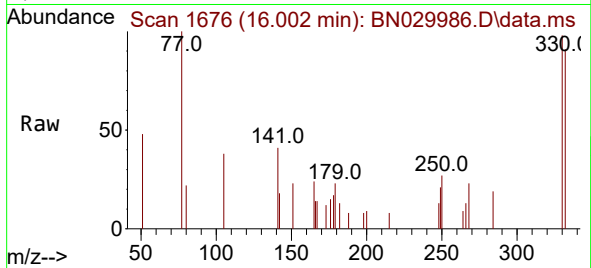




#14
2,4,6-Tribromophenol
Concen: 0.575 ng
RT: 16.002 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029986.D
Acq: 24 Feb 2024 10:06

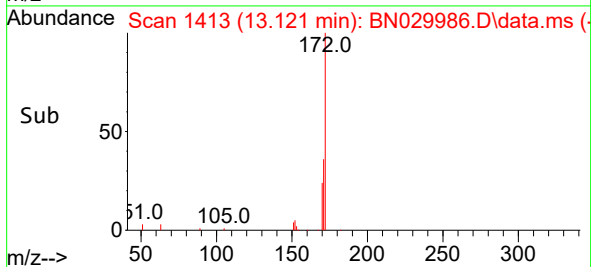
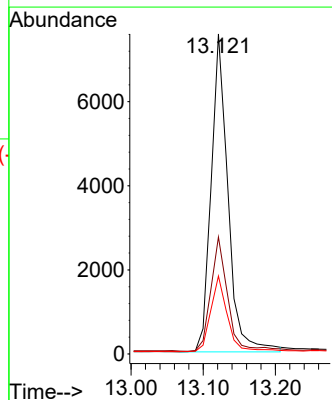
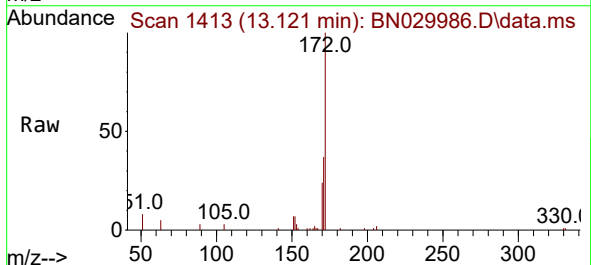
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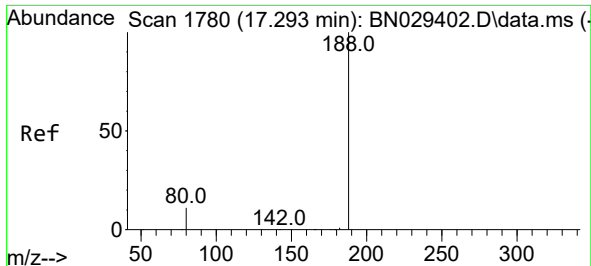
Tgt Ion:330 Resp: 1209
Ion Ratio Lower Upper
330 100
332 95.0 76.0 114.0
141 62.6 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.437 ng
RT: 13.121 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BN029986.D
Acq: 24 Feb 2024 10:06

Tgt Ion:172 Resp: 12279
Ion Ratio Lower Upper
172 100
171 36.6 28.0 42.0
170 24.4 18.7 28.1

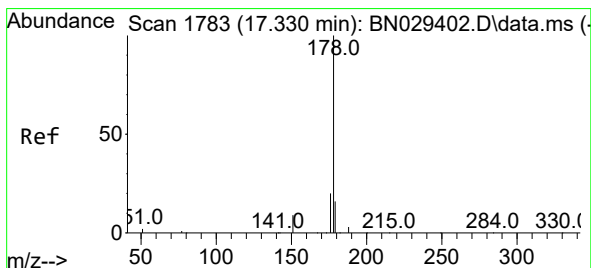
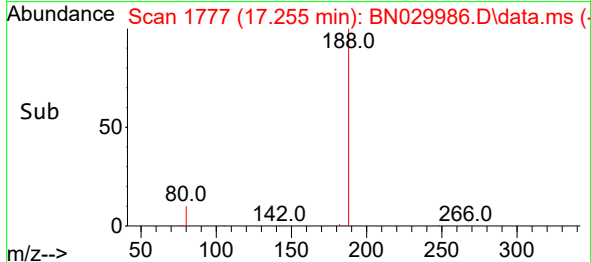
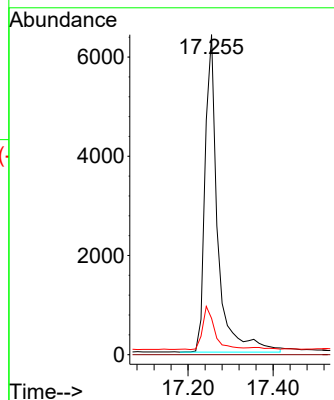
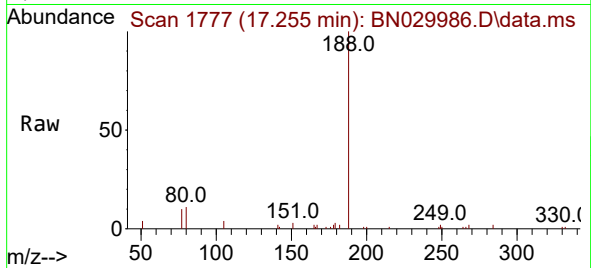




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.255 min Scan# 1777
Delta R.T. -0.000 min
Lab File: BN029986.D
Acq: 24 Feb 2024 10:06

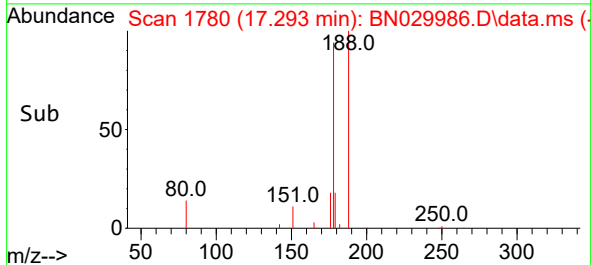
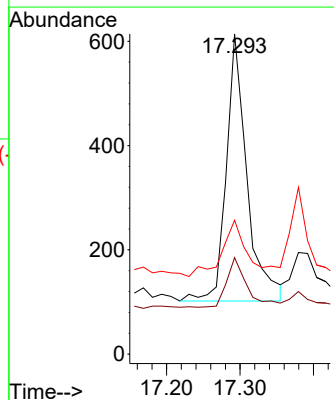
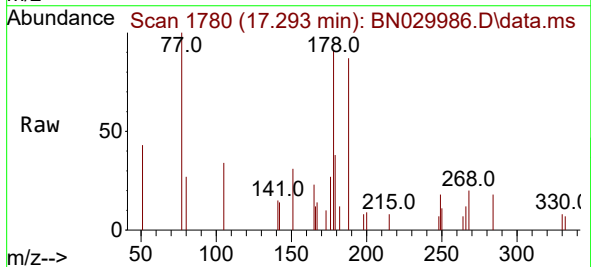
Instrument :
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RE137-20240215

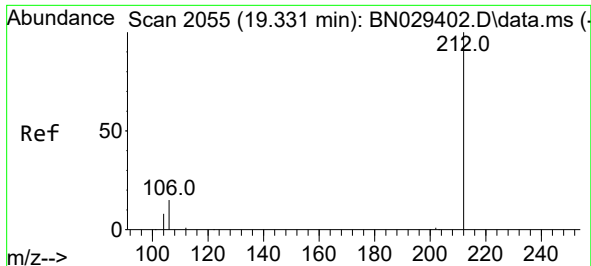
Tgt Ion:188 Resp: 13236
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.3 10.0 15.0



#25
Phenanthrene
Concen: 0.026 ng
RT: 17.293 min Scan# 1780
Delta R.T. 0.000 min
Lab File: BN029986.D
Acq: 24 Feb 2024 10:06

Tgt Ion:178 Resp: 1002
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.6
179 24.2 12.6 19.0#

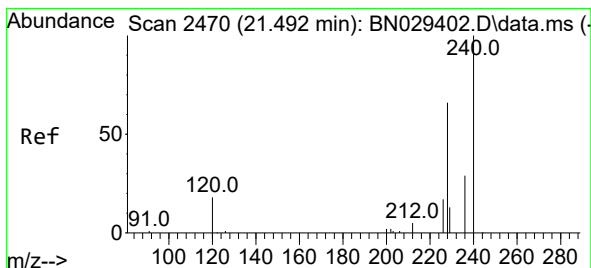
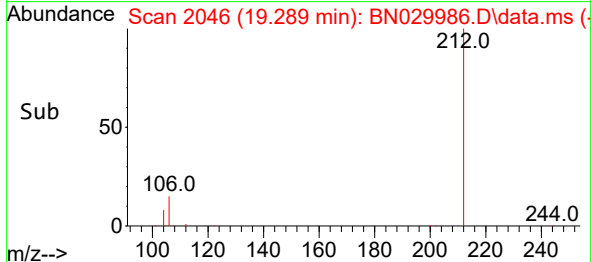
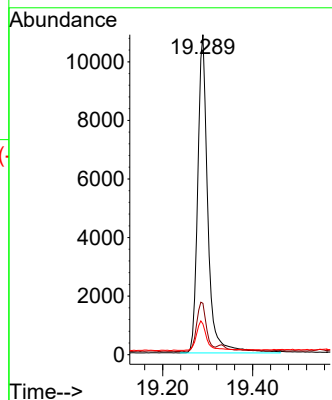
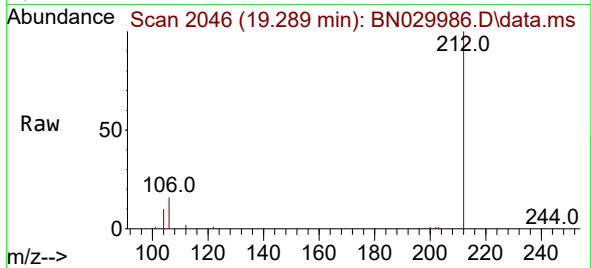




#27
Fluoranthene-d10
Concen: 0.530 ng
RT: 19.289 min Scan# 2046
Delta R.T. -0.000 min
Lab File: BN029986.D
Acq: 24 Feb 2024 10:06

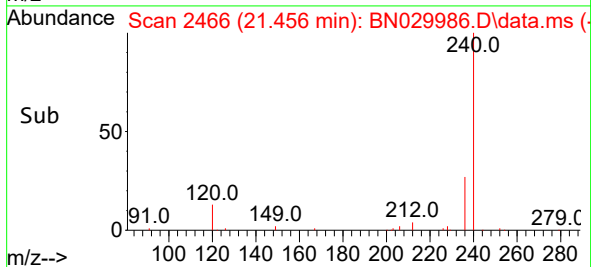
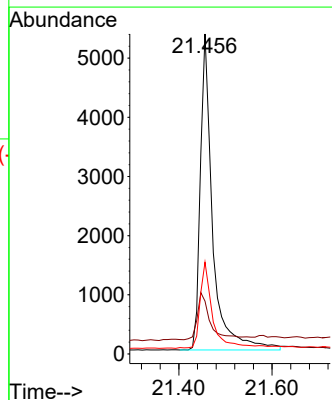
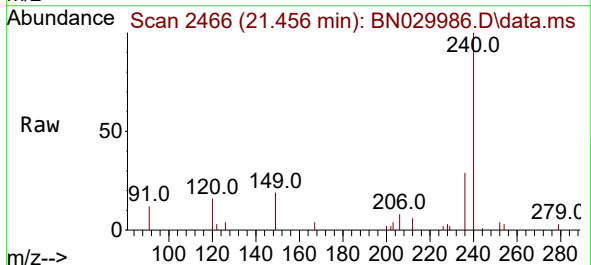
Instrument :
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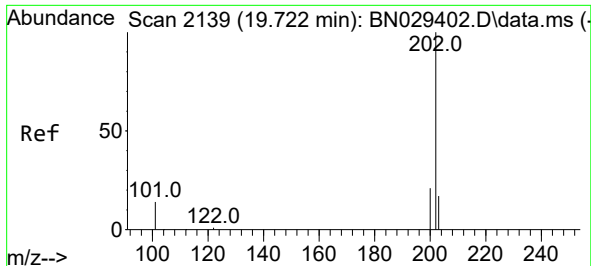
Tgt Ion:212 Resp: 17004
Ion Ratio Lower Upper
212 100
106 15.2 13.2 19.8
104 9.3 7.7 11.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.456 min Scan# 2466
Delta R.T. 0.000 min
Lab File: BN029986.D
Acq: 24 Feb 2024 10:06

Tgt Ion:240 Resp: 9834
Ion Ratio Lower Upper
240 100
120 16.5 16.7 25.1#
236 28.7 23.9 35.9

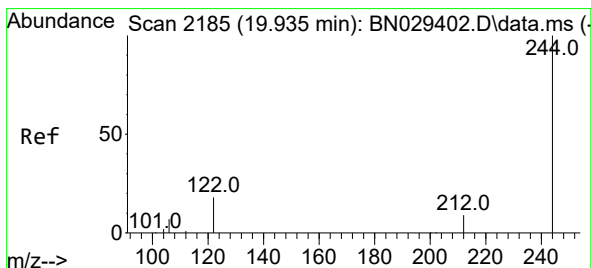
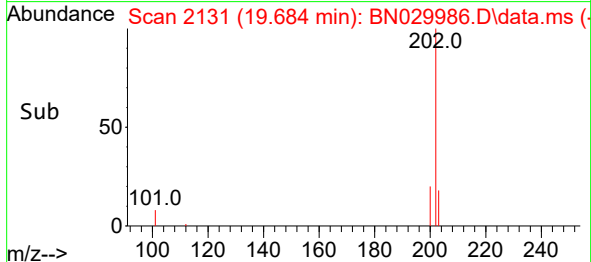
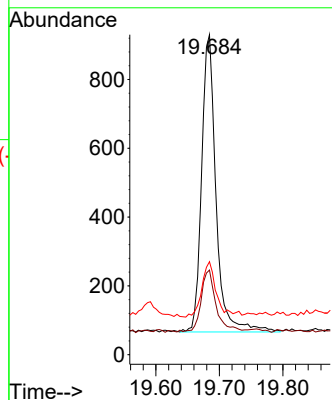
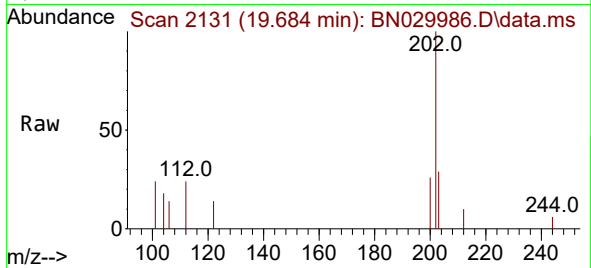




#30
Pyrene
Concen: 0.030 ng
RT: 19.684 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BN029986.D
Acq: 24 Feb 2024 10:06

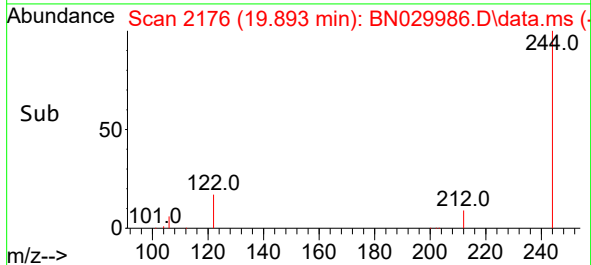
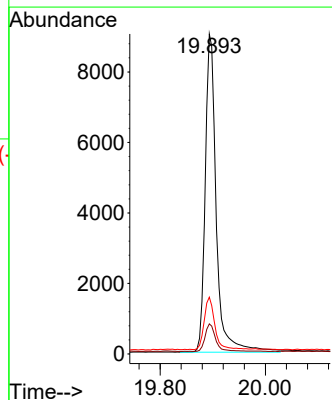
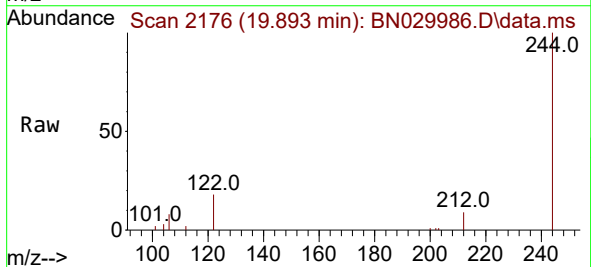
Instrument :
BNA_N
ClientSampleId :
RE137-20240215

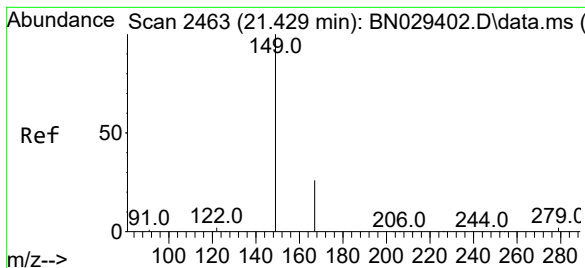
Tgt Ion:202 Resp: 1362
Ion Ratio Lower Upper
202 100
200 21.1 16.6 25.0
203 18.4 14.2 21.4



#31
Terphenyl-d14
Concen: 0.540 ng
RT: 19.893 min Scan# 2176
Delta R.T. -0.005 min
Lab File: BN029986.D
Acq: 24 Feb 2024 10:06

Tgt Ion:244 Resp: 13189
Ion Ratio Lower Upper
244 100
212 9.4 8.2 12.4
122 17.7 15.6 23.4

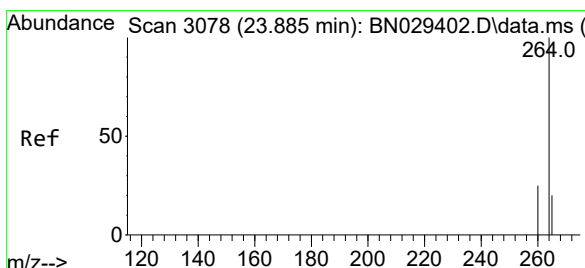
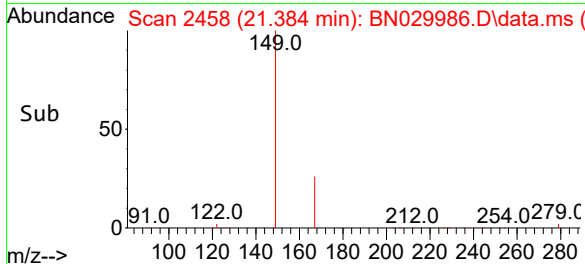
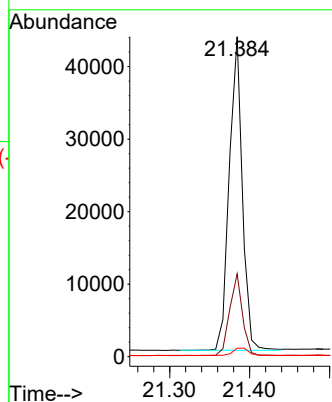
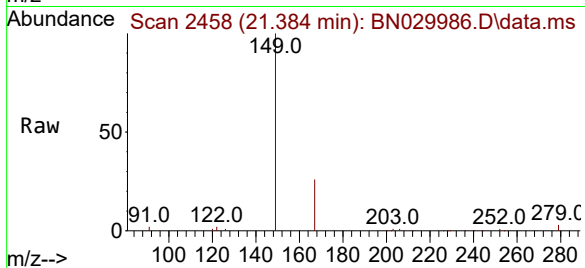




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 2.154 ng
 RT: 21.384 min Scan# 2463
 Delta R.T. 0.000 min
 Lab File: BN029986.D
 Acq: 24 Feb 2024 10:06

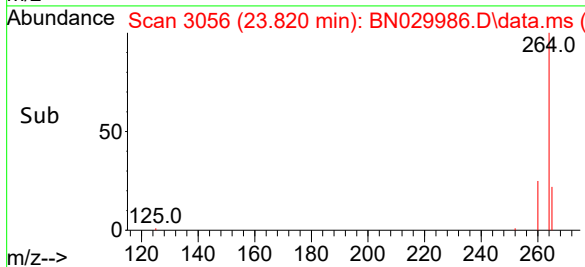
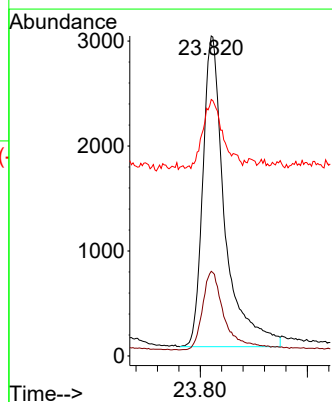
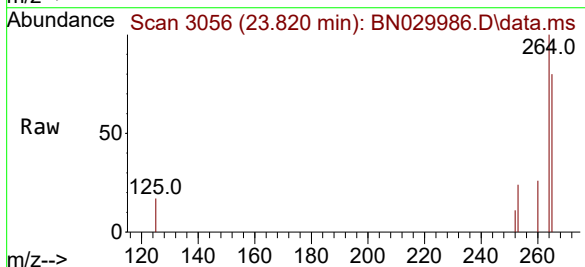
Instrument :
 BNA_N
 ClientSampleId :
 RE137-20240215

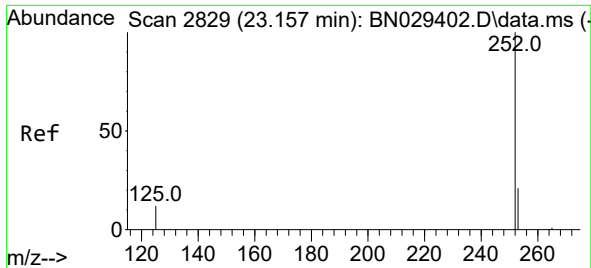
Tgt Ion:149 Resp: 49305
 Ion Ratio Lower Upper
 149 100
 167 25.5 20.1 30.1
 279 2.8 2.5 3.7



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.820 min Scan# 3056
 Delta R.T. -0.000 min
 Lab File: BN029986.D
 Acq: 24 Feb 2024 10:06

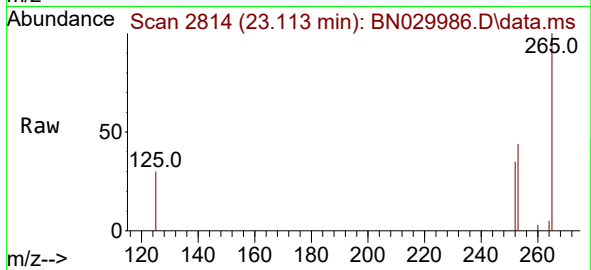
Tgt Ion:264 Resp: 8428
 Ion Ratio Lower Upper
 264 100
 260 26.5 21.2 31.8
 265 80.2 41.5 62.3#





#37
Benzo(b)fluoranthene
Concen: 0.021 ng
RT: 23.113 min Scan# 21
Delta R.T. 0.015 min
Lab File: BN029986.D
Acq: 24 Feb 2024 10:06

Instrument :
BNA_N
ClientSampleId :
RE137-20240215



Tgt Ion:252 Resp: 637
Ion Ratio Lower Upper
252 100
253 126.6 21.7 32.5#
125 87.2 13.3 19.9#

