

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120323\
 Data File : BN029019.D
 Acq On : 03 Dec 2023 13:57
 Operator : MA/JU
 Sample : 05404-26
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE137-20231109

Quant Time: Dec 04 00:43:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 00:28:48 2023
 Response via : Initial Calibration

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

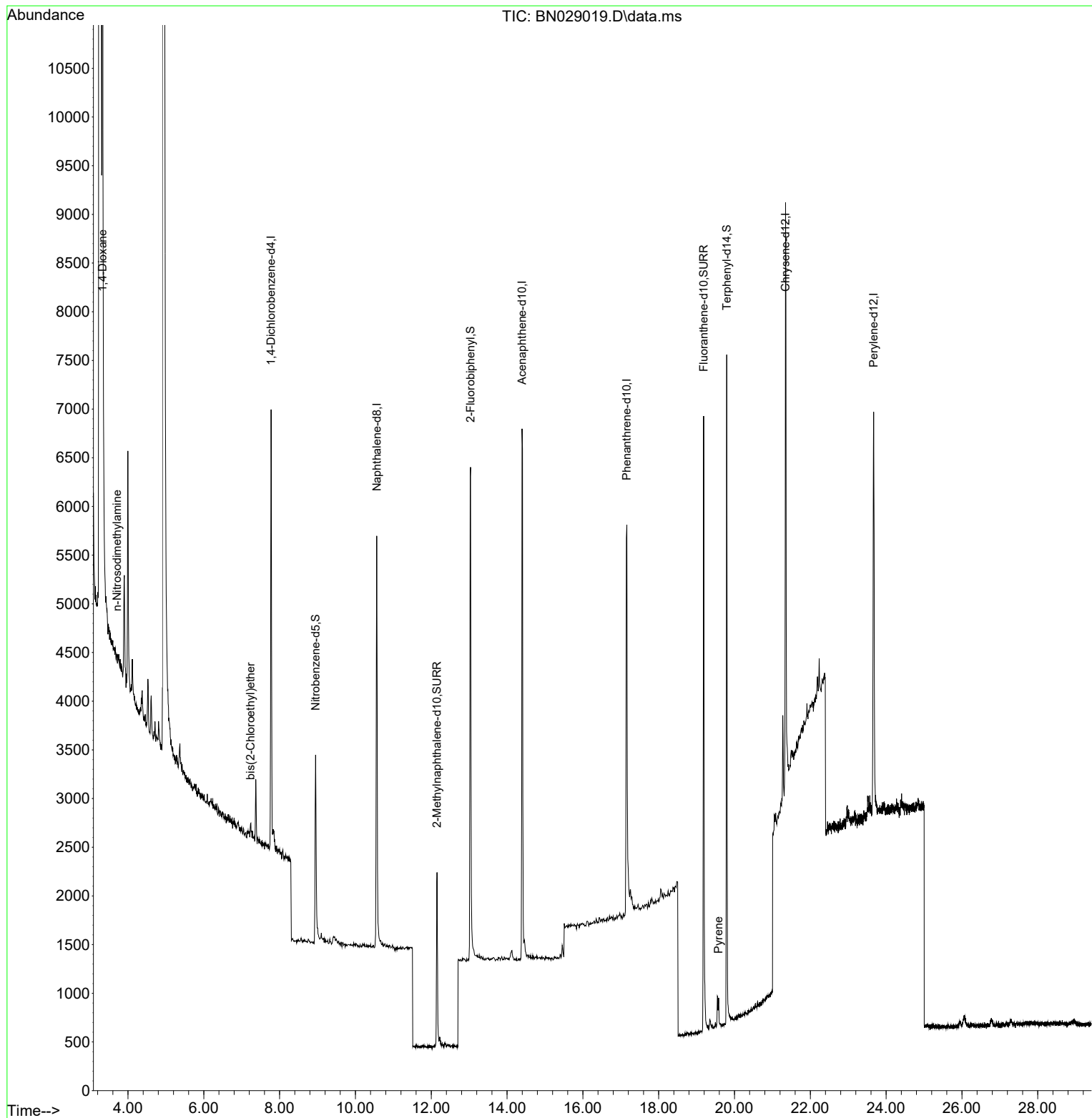
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	2075	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	5842	0.400	ng	# 0.00
13) Acenaphthene-d10	14.396	164	3518	0.400	ng	-0.01
19) Phenanthrene-d10	17.159	188	7526	0.400	ng	# 0.00
29) Chrysene-d12	21.347	240	6207	0.400	ng	# 0.00
35) Perylene-d12	23.670	264	6038	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.413	112	1	0.000	ng	0.01
5) Phenol-d6	6.995	99	4	0.001	ng	0.00
8) Nitrobenzene-d5	8.950	82	1862	0.321	ng	0.00
11) 2-Methylnaphthalene-d10	12.151	152	2734	0.292	ng	0.00
14) 2,4,6-Tribromophenol	15.918	330	1	0.000	ng	0.01
15) 2-Fluorobiphenyl	13.039	172	5216	0.343	ng	0.00
27) Fluoranthene-d10	19.186	212	7468	0.377	ng	0.00
31) Terphenyl-d14	19.794	244	7115	0.401	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.326	88	7579	3.730	ng	# 93
3) n-Nitrosodimethylamine	3.709	42	19	0.097	ng	# 1
6) bis(2-Chloroethyl)ether	7.233	93	136	0.023	ng	# 79
30) Pyrene	19.580	202	259	0.100	ng	96
34) Bis(2-ethylhexyl)phtha...	21.275	149	953	Below Cal		# 85

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

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Quant Time: Dec 04 00:43:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 00:28:48 2023
Response via : Initial Calibration

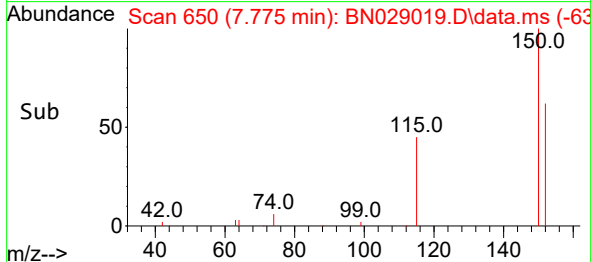
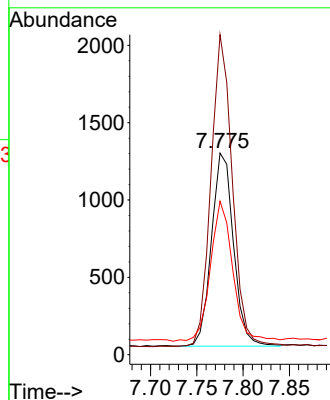
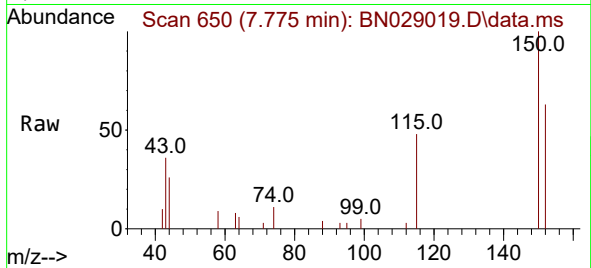




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN029019.D
Acq: 03 Dec 2023 13:57

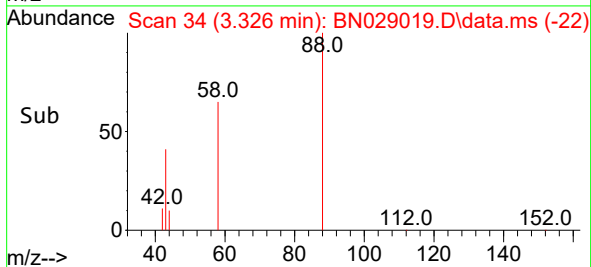
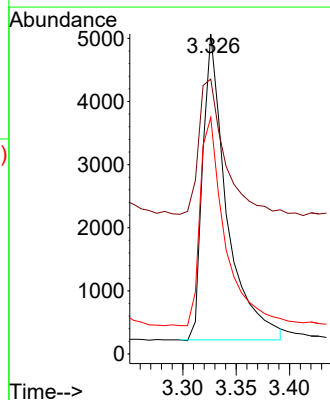
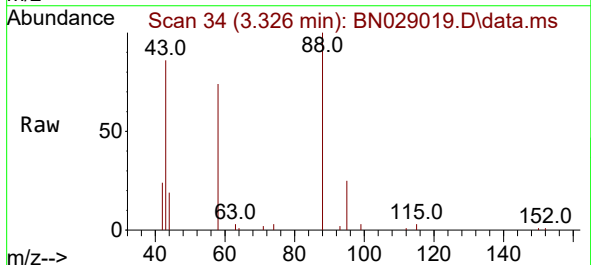
Instrument :
BNA_N
ClientSampleId :
RE137-20231109

Tgt Ion:152 Resp: 2075
Ion Ratio Lower Upper
152 100
150 158.7 123.4 185.2
115 76.1 59.1 88.7



#2
1,4-Dioxane
Concen: 3.730 ng
RT: 3.326 min Scan# 34
Delta R.T. -0.014 min
Lab File: BN029019.D
Acq: 03 Dec 2023 13:57

Tgt Ion: 88 Resp: 7579
Ion Ratio Lower Upper
88 100
43 46.8 29.9 44.9#
58 70.5 55.0 82.4

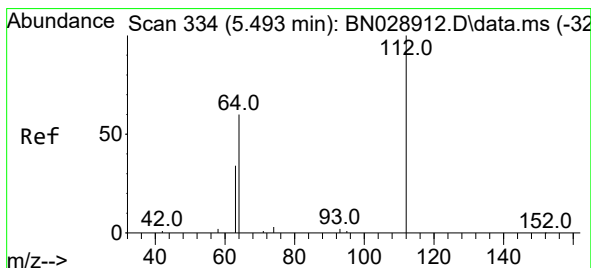
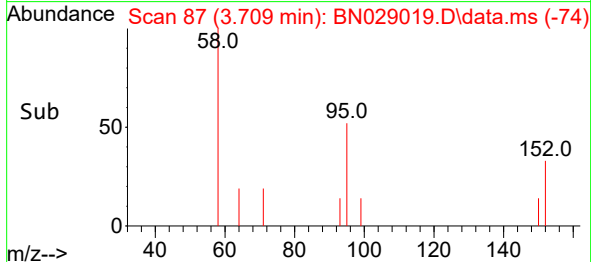
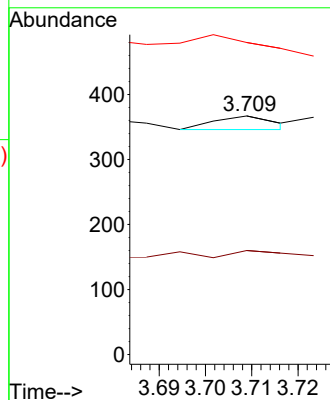
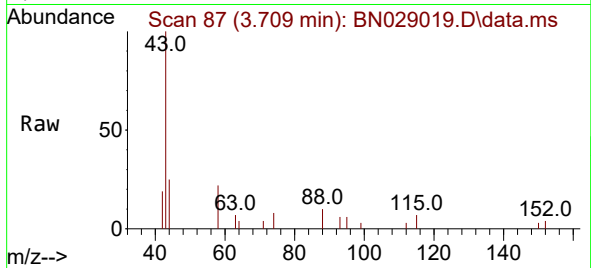




#3
n-Nitrosodimethylamine
Concen: 0.097 ng
RT: 3.709 min Scan# 81
Delta R.T. -0.007 min
Lab File: BN029019.D
Acq: 03 Dec 2023 13:57

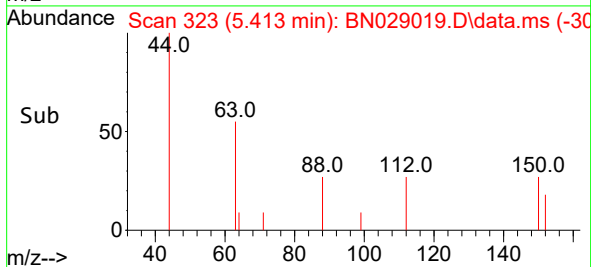
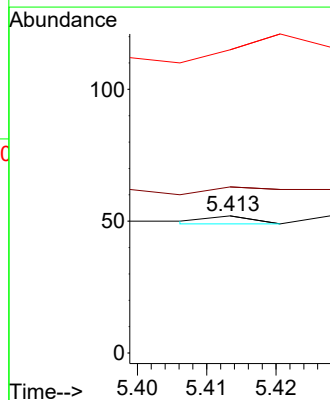
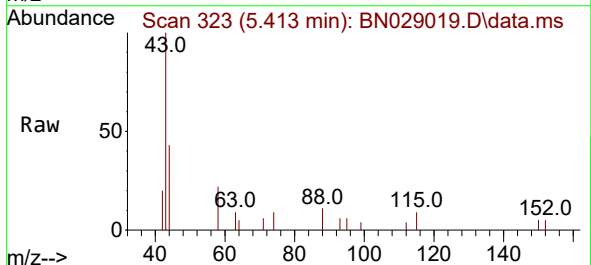
Instrument :
BNA_N
ClientSampleId :
RE137-20231109

Tgt Ion: 42 Resp: 19
Ion Ratio Lower Upper
42 100
74 210.5 57.0 85.6#
44 0.0 0.0 0.0



#4
2-Fluorophenol
Concen: 0.000 ng
RT: 5.413 min Scan# 323
Delta R.T. 0.014 min
Lab File: BN029019.D
Acq: 03 Dec 2023 13:57

Tgt Ion: 112 Resp: 1
Ion Ratio Lower Upper
112 100
64 700.0 51.5 77.3#
63 0.0 30.4 45.6#

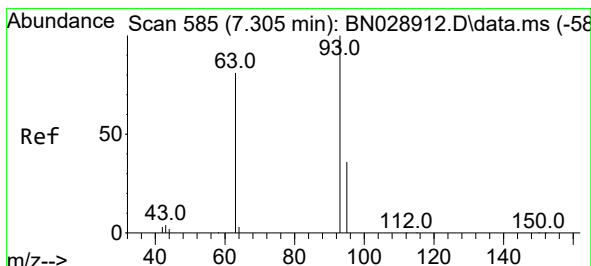
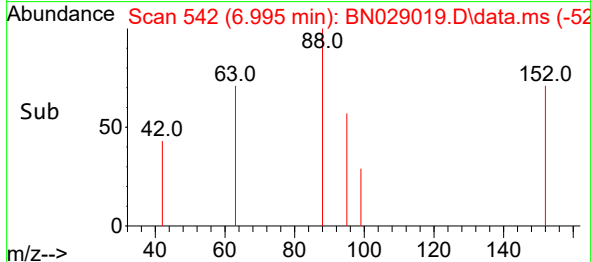
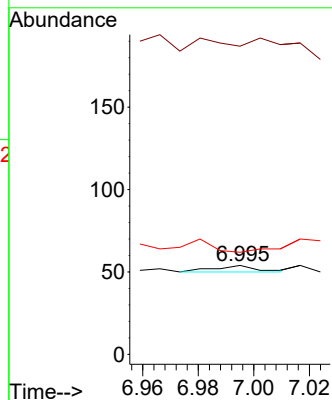
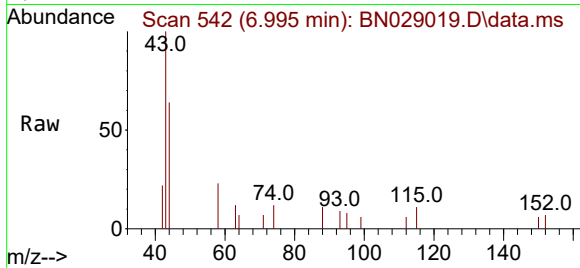




#5
Phenol-d6
Concen: 0.001 ng
RT: 6.995 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN029019.D
Acq: 03 Dec 2023 13:57

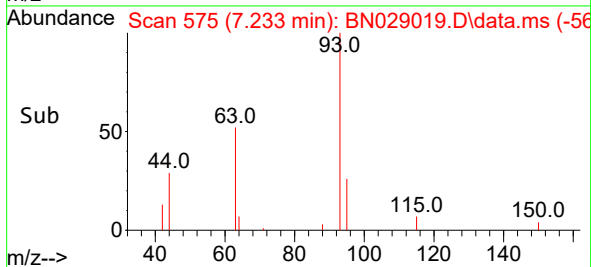
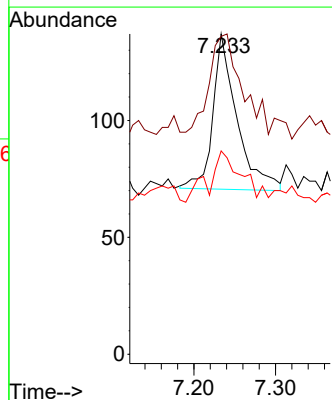
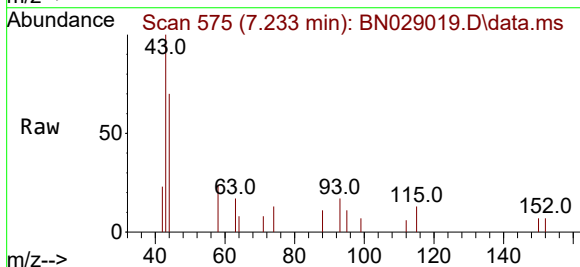
Instrument :
BNA_N
ClientSampleId :
RE137-20231109

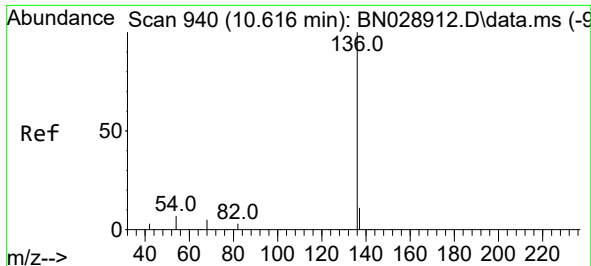
Tgt Ion: 99 Resp: 4
Ion Ratio Lower Upper
99 100
42 0.0 21.2 31.8#
71 125.0 35.4 53.0#



#6
bis(2-Chloroethyl)ether
Concen: 0.023 ng
RT: 7.233 min Scan# 575
Delta R.T. 0.000 min
Lab File: BN029019.D
Acq: 03 Dec 2023 13:57

Tgt Ion: 93 Resp: 136
Ion Ratio Lower Upper
93 100
63 103.7 66.9 100.3#
95 45.6 28.2 42.4#

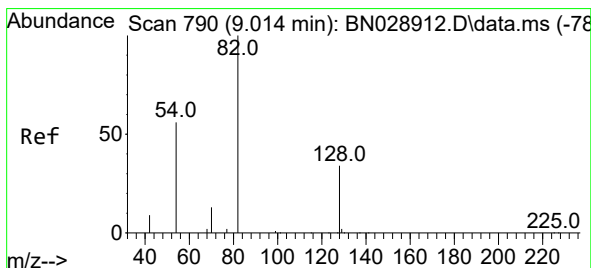
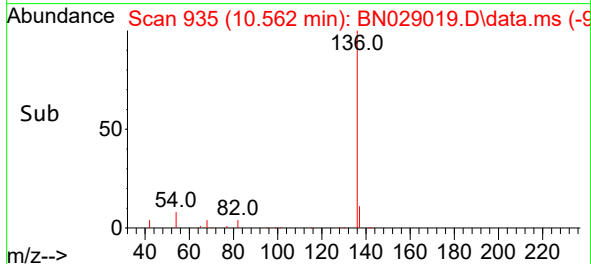
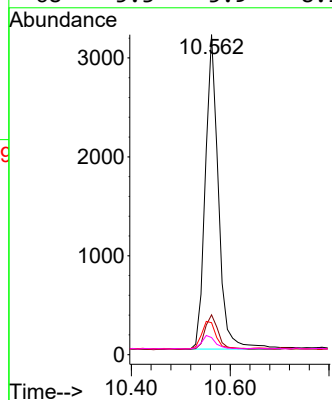
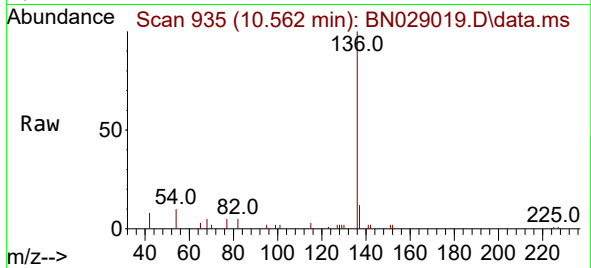




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.562 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN029019.D
Acq: 03 Dec 2023 13:57

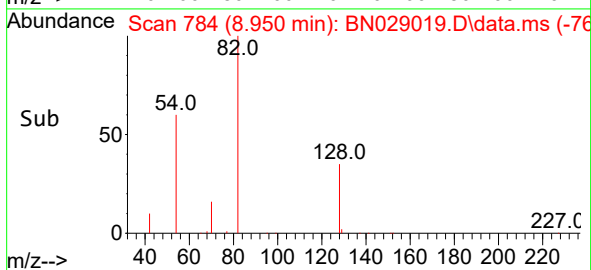
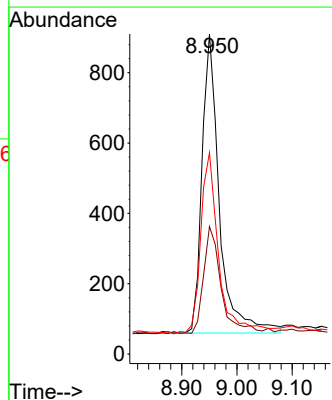
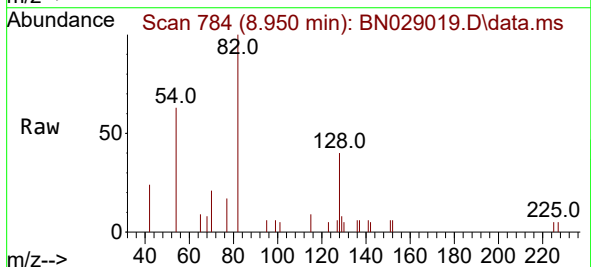
Instrument :
BNA_N
ClientSampleId :
RE137-20231109

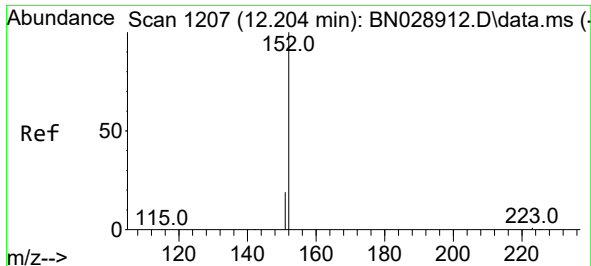
Tgt Ion:136 Resp: 5842
Ion Ratio Lower Upper
136 100
137 12.5 10.6 16.0
54 10.0 7.5 11.3
68 5.3 5.9 8.9#



#8
Nitrobenzene-d5
Concen: 0.321 ng
RT: 8.950 min Scan# 784
Delta R.T. 0.000 min
Lab File: BN029019.D
Acq: 03 Dec 2023 13:57

Tgt Ion: 82 Resp: 1862
Ion Ratio Lower Upper
82 100
128 39.9 29.2 43.8
54 63.0 47.0 70.6

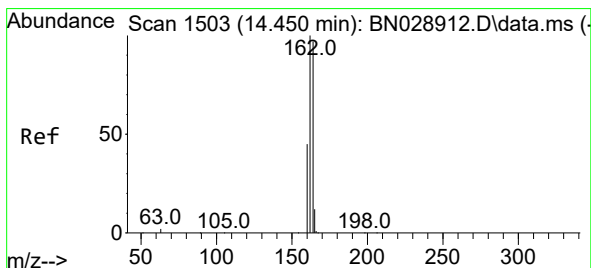
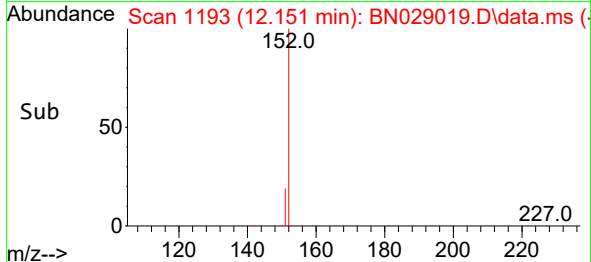
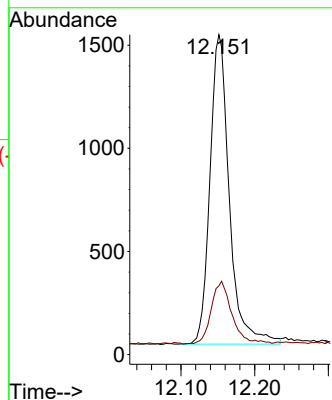
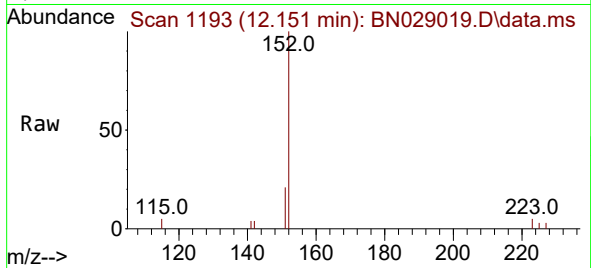




#11
2-Methylnaphthalene-d10
Concen: 0.292 ng
RT: 12.151 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN029019.D
Acq: 03 Dec 2023 13:57

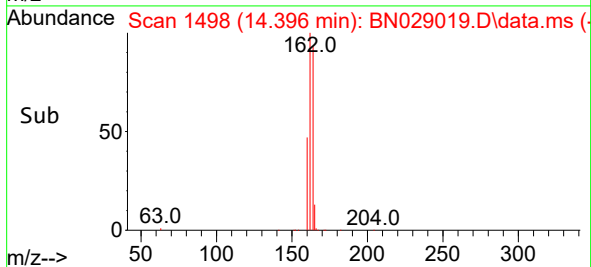
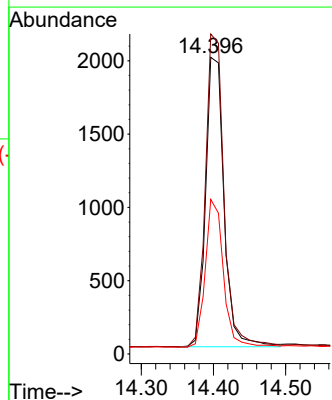
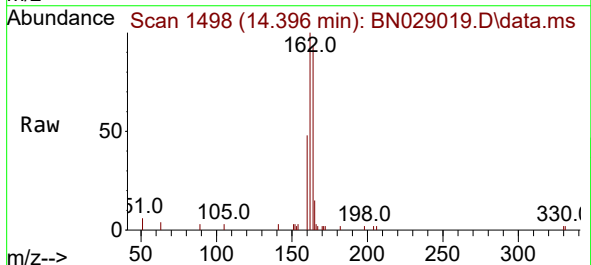
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BNA_N
ClientSampleId :
RE137-20231109

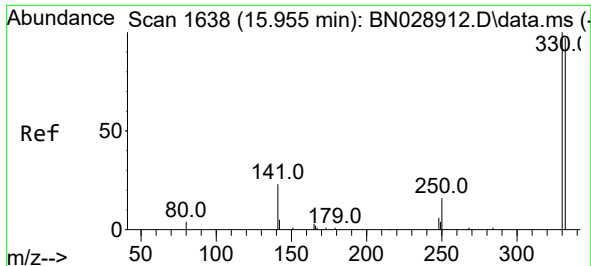
Tgt Ion:152 Resp: 2734
Ion Ratio Lower Upper
152 100
151 21.1 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.396 min Scan# 1498
Delta R.T. -0.011 min
Lab File: BN029019.D
Acq: 03 Dec 2023 13:57

Tgt Ion:164 Resp: 3518
Ion Ratio Lower Upper
164 100
162 107.9 81.7 122.5
160 52.1 37.0 55.6

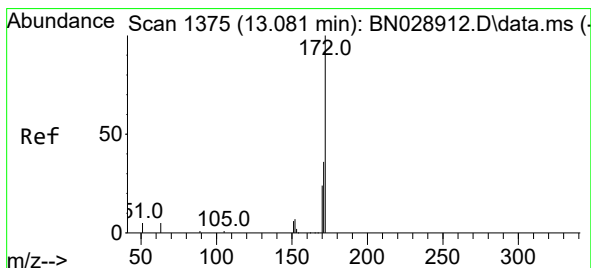
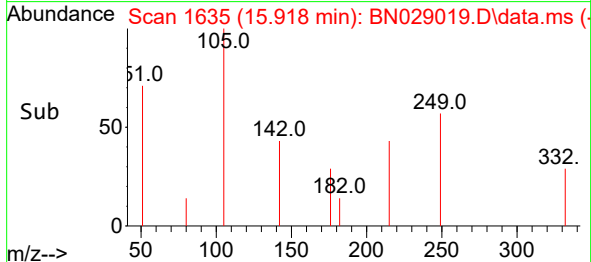
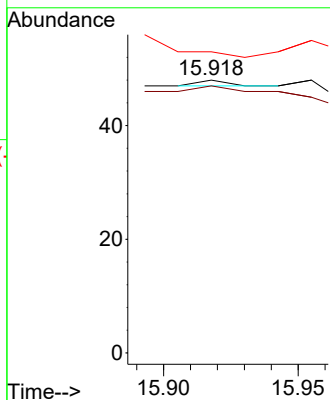
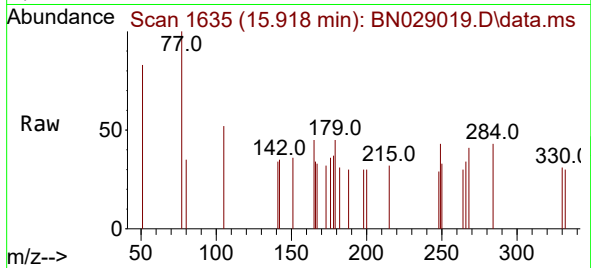




#14
2,4,6-Tribromophenol
Concen: 0.000 ng
RT: 15.918 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN029019.D
Acq: 03 Dec 2023 13:57

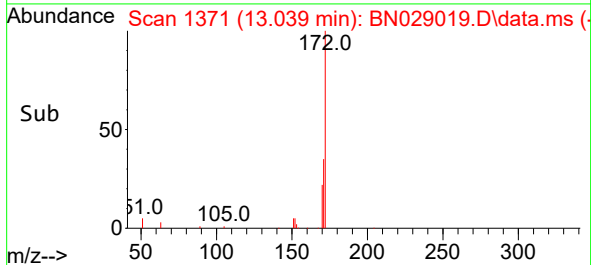
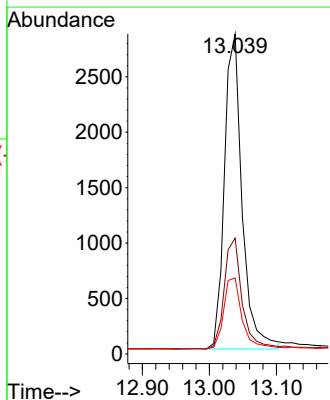
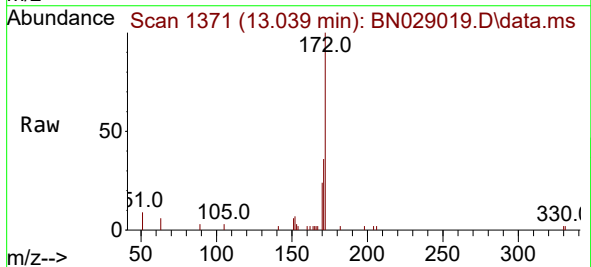
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BNA_N
ClientSampleId :
RE137-20231109

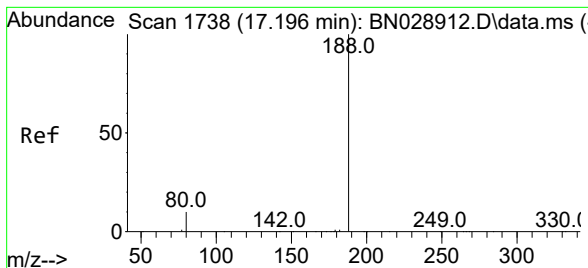
Tgt Ion:330 Resp: 1
Ion Ratio Lower Upper
330 100
332 700.0 75.4 113.2#
141 0.0 35.7 53.5#



#15
2-Fluorobiphenyl
Concen: 0.343 ng
RT: 13.039 min Scan# 1371
Delta R.T. 0.000 min
Lab File: BN029019.D
Acq: 03 Dec 2023 13:57

Tgt Ion:172 Resp: 5216
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.4
170 23.7 19.7 29.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.159 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN029019.D

Acq: 03 Dec 2023 13:57

Instrument :

BNA_N

ClientSampleId :

RE137-20231109

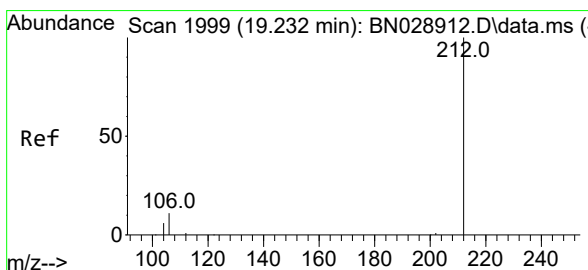
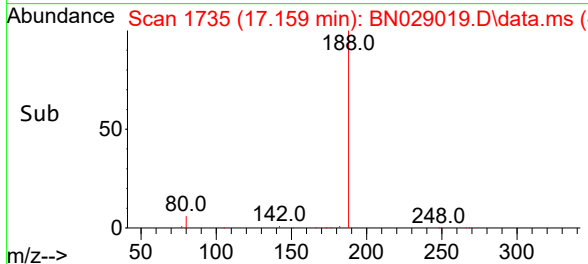
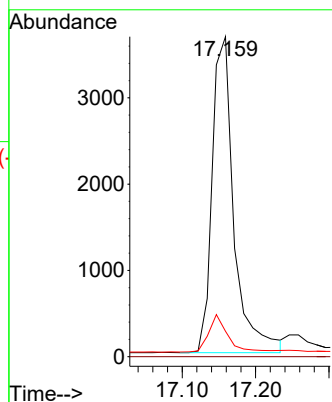
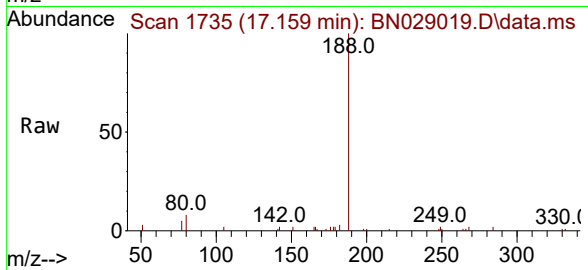
Tgt Ion:188 Resp: 7526

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.0 9.0 13.6#



#27

Fluoranthene-d10

Concen: 0.377 ng

RT: 19.186 min Scan# 1989

Delta R.T. -0.005 min

Lab File: BN029019.D

Acq: 03 Dec 2023 13:57

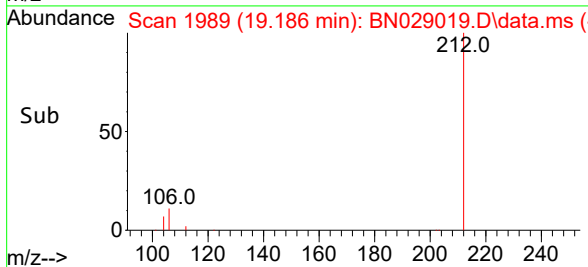
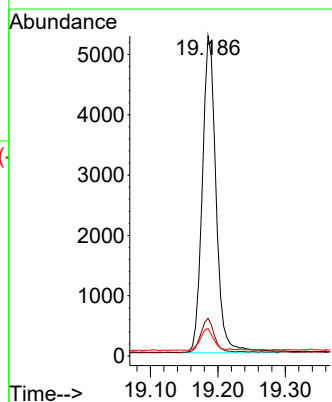
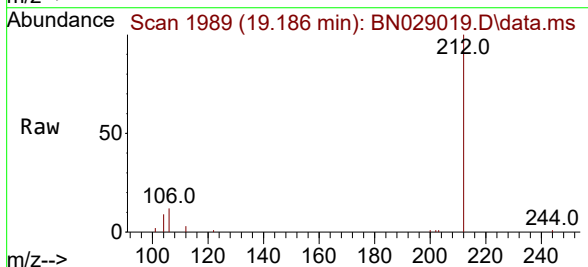
Tgt Ion:212 Resp: 7468

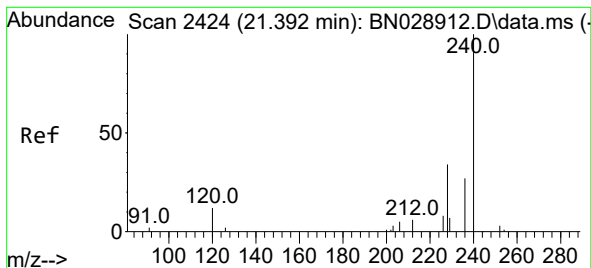
Ion Ratio Lower Upper

212 100

106 10.6 9.4 14.2

104 6.5 6.2 9.2





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.347 min Scan# 2419

Delta R.T. 0.000 min

Lab File: BN029019.D

Acq: 03 Dec 2023 13:57

Instrument :

BNA_N

ClientSampleId :

RE137-20231109

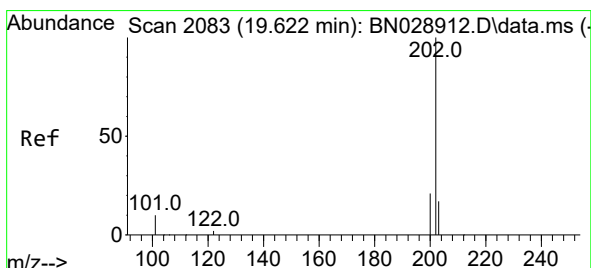
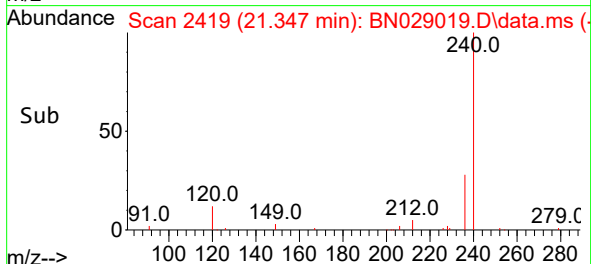
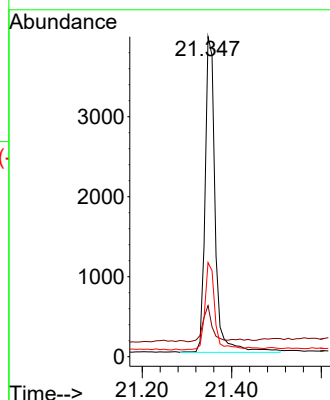
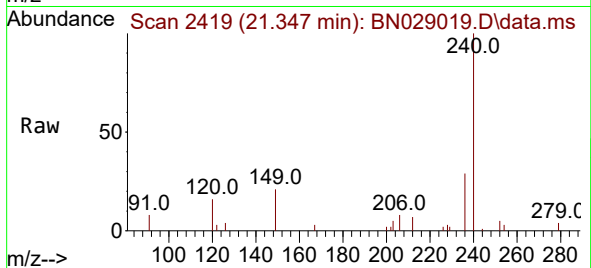
Tgt Ion:240 Resp: 6207

Ion Ratio Lower Upper

240 100

120 16.0 37.1 55.7#

236 29.4 32.4 48.6#



#30

Pyrene

Concen: 0.100 ng

RT: 19.580 min Scan# 2074

Delta R.T. 0.000 min

Lab File: BN029019.D

Acq: 03 Dec 2023 13:57

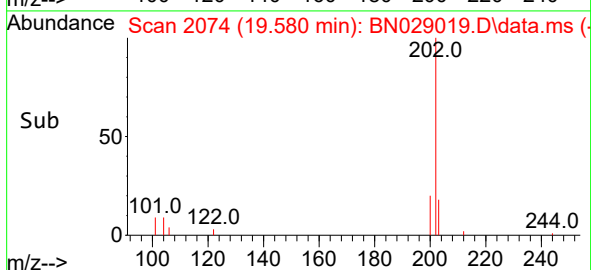
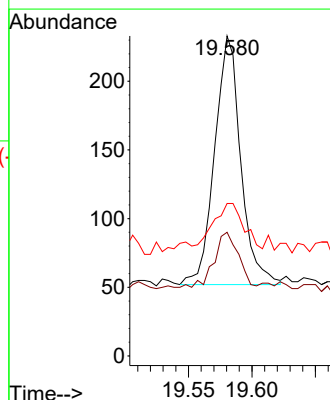
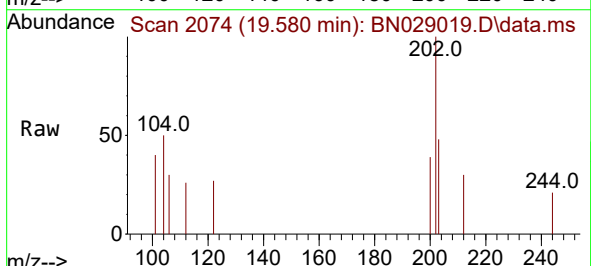
Tgt Ion:202 Resp: 259

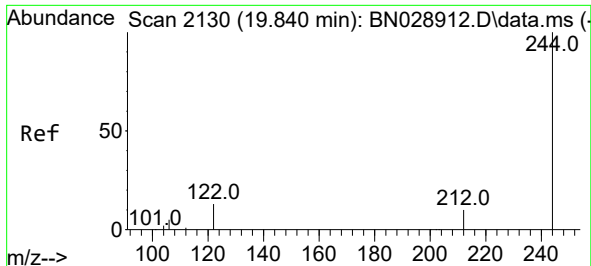
Ion Ratio Lower Upper

202 100

200 20.5 16.9 25.3

203 22.0 14.8 22.2

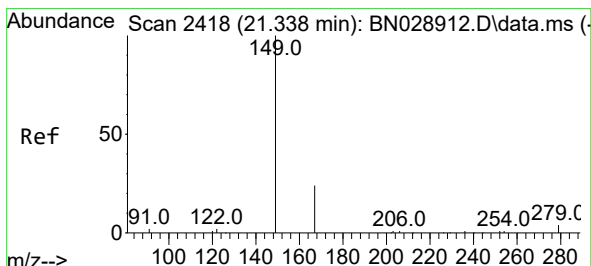
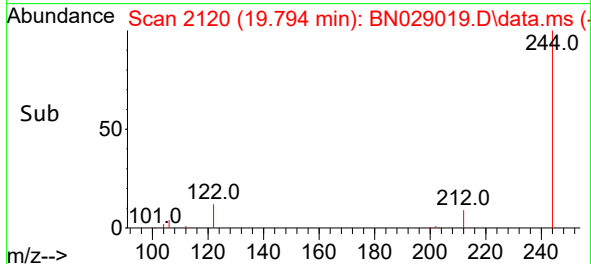
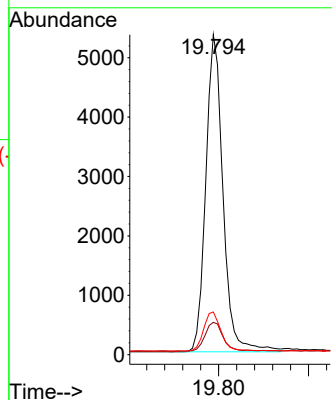
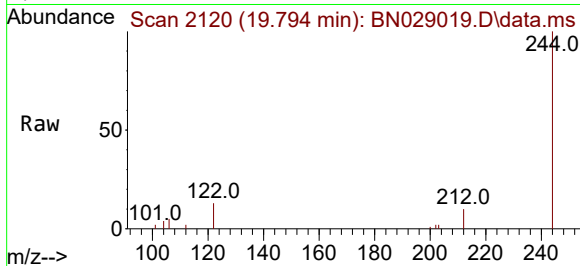




#31
 Terphenyl-d14
 Concen: 0.401 ng
 RT: 19.794 min Scan# 2130
 Delta R.T. 0.000 min
 Lab File: BN029019.D
 Acq: 03 Dec 2023 13:57

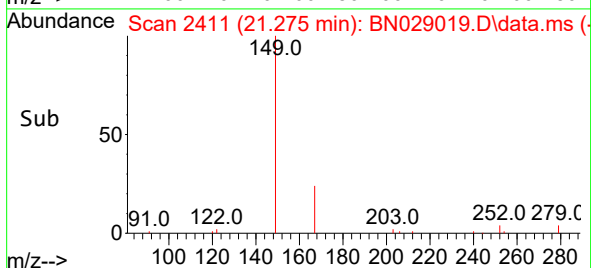
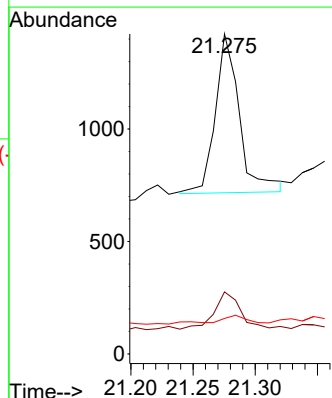
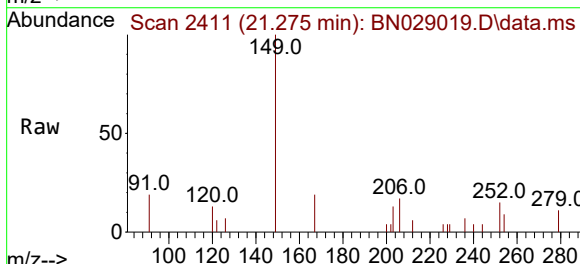
Instrument :
 BNA_N
 ClientSampleId :
 RE137-20231109

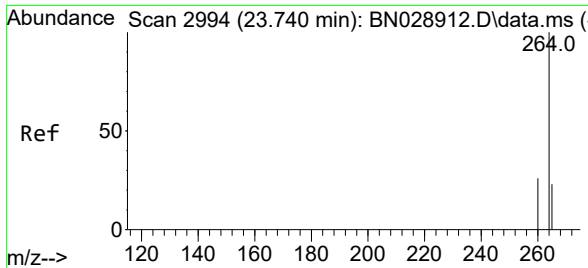
Tgt Ion:244 Resp: 7115
 Ion Ratio Lower Upper
 244 100
 212 10.1 11.5 17.3#
 122 13.3 13.2 19.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: Below Cal
 RT: 21.275 min Scan# 2411
 Delta R.T. 0.000 min
 Lab File: BN029019.D
 Acq: 03 Dec 2023 13:57

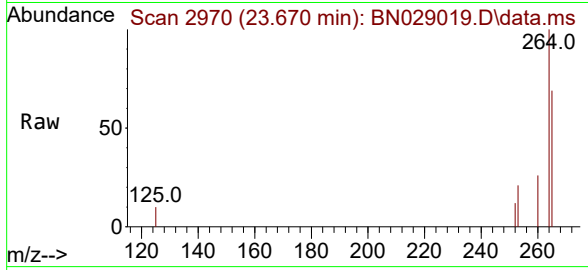
Tgt Ion:149 Resp: 953
 Ion Ratio Lower Upper
 149 100
 167 28.3 14.9 22.3#
 279 7.9 6.3 9.5





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.670 min Scan# 2994
 Delta R.T. 0.000 min
 Lab File: BN029019.D
 Acq: 03 Dec 2023 13:57

Instrument :
 BNA_N
 ClientSampleId :
 RE137-20231109



Tgt Ion:264 Resp: 6038
 Ion Ratio Lower Upper
 264 100
 260 25.6 20.6 30.8
 265 69.3 464.5 696.7#

