

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022424\
 Data File : BN029995.D
 Acq On : 24 Feb 2024 16:43
 Operator : MA/JU
 Sample : P1507-28
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20240212

Quant Time: Feb 26 02:43:24 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)

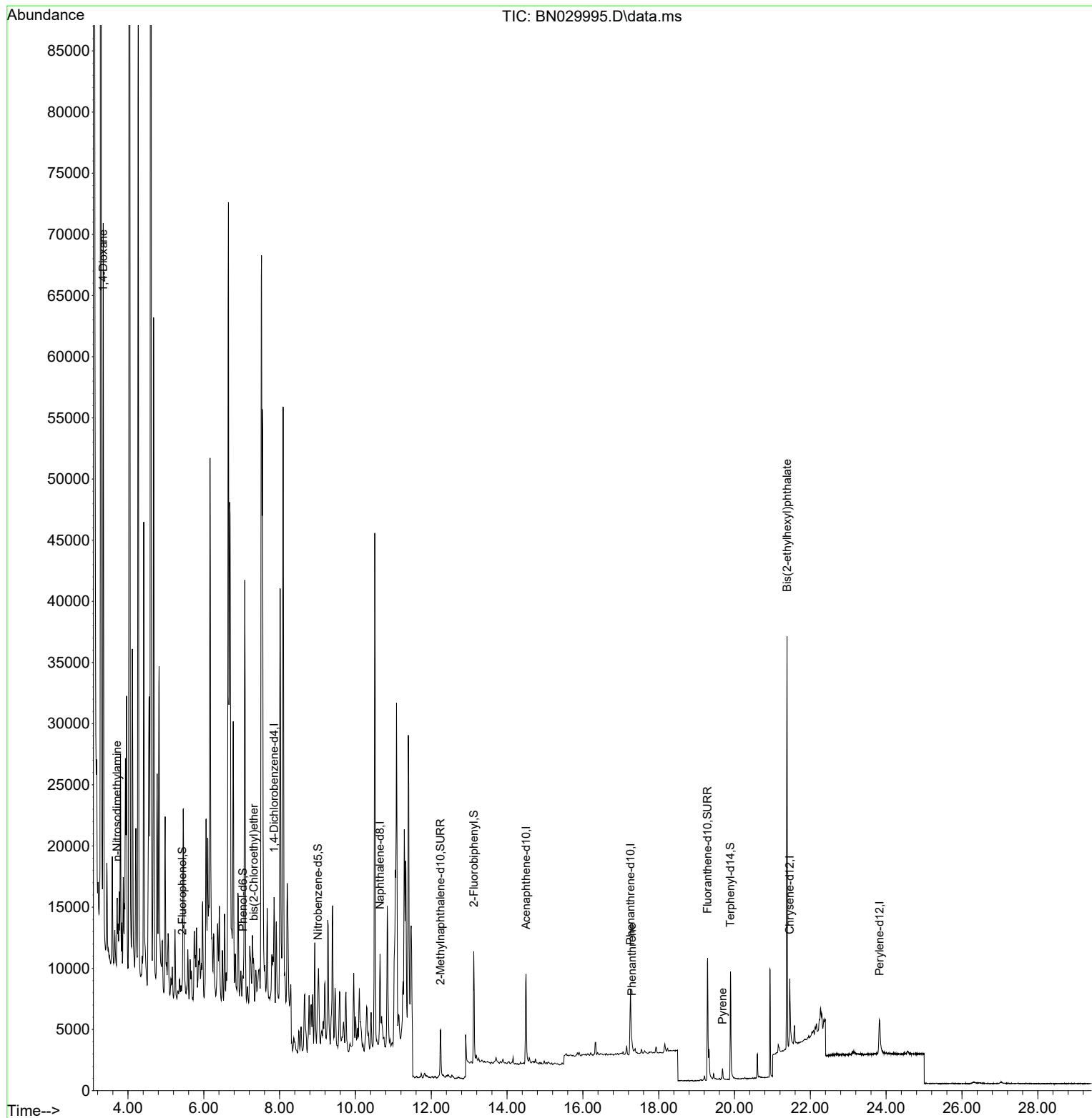
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	4163	0.400	ng	0.00
7) Naphthalene-d8	10.647	136	10490	0.400	ng	# 0.00
13) Acenaphthene-d10	14.500	164	5223	0.400	ng	0.01
19) Phenanthrene-d10	17.255	188	10147	0.400	ng	0.00
29) Chrysene-d12	21.456	240	7474	0.400	ng	0.00
35) Perylene-d12	23.826	264	5913	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.434	112	238	0.024	ng	0.00
5) Phenol-d6	7.031	99	1358	0.118	ng	0.00
8) Nitrobenzene-d5	9.014	82	4320	0.495	ng	0.00
11) 2-Methylnaphthalene-d10	12.245	152	5790	0.405	ng	0.00
14) 2,4,6-Tribromophenol	16.001	330	21	0.013	ng	0.00
15) 2-Fluorobiphenyl	13.121	172	8595	0.383	ng	0.00
27) Fluoranthene-d10	19.289	212	13111	0.533	ng	0.00
31) Terphenyl-d14	19.893	244	10095	0.544	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.347	88	32218	5.497	ng	# 93
3) n-Nitrosodimethylamine	3.708	42	1472	0.308	ng	# 1
6) bis(2-Chloroethyl)ether	7.319	93	284	0.026	ng	# 1
25) Phenanthrene	17.292	178	653	0.022	ng	# 88
30) Pyrene	19.684	202	896	0.026	ng	96
34) Bis(2-ethylhexyl)phtha...	21.384	149	29995	1.724	ng	100

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

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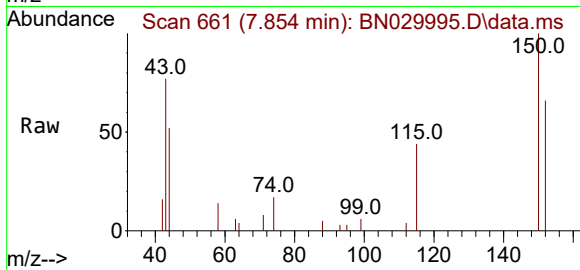
Quant Time: Feb 26 02:43:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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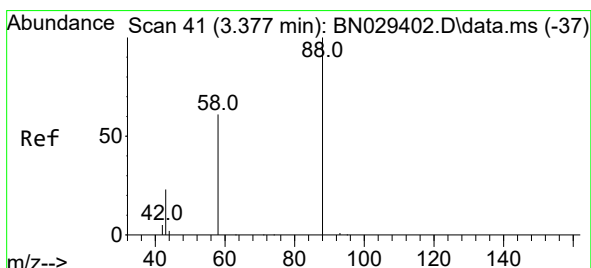
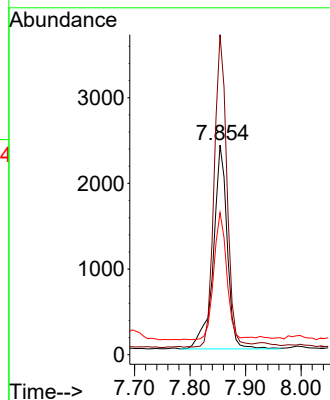
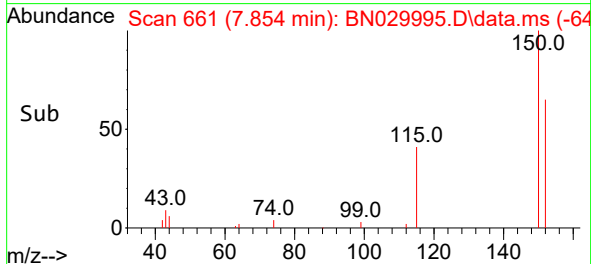
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.854 min Scan# 661
 Delta R.T. -0.000 min
 Lab File: BN029995.D
 Acq: 24 Feb 2024 16:43

Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20240212



Tgt Ion:152 Resp: 4163

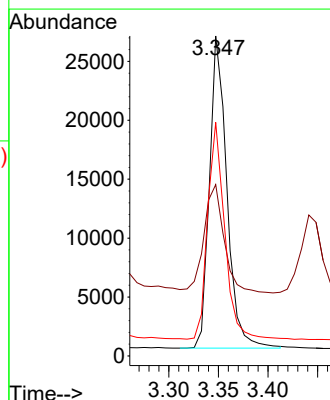
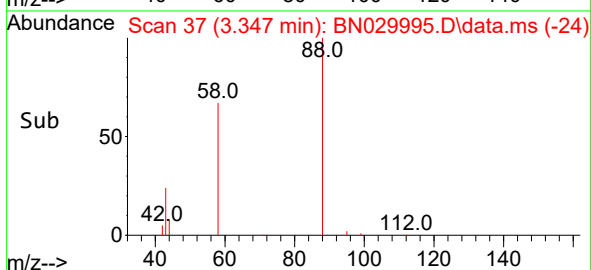
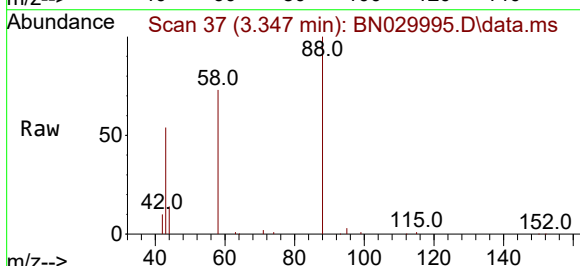
Ion	Ratio	Lower	Upper
152	100		
150	152.6	123.0	184.4
115	67.7	51.4	77.0

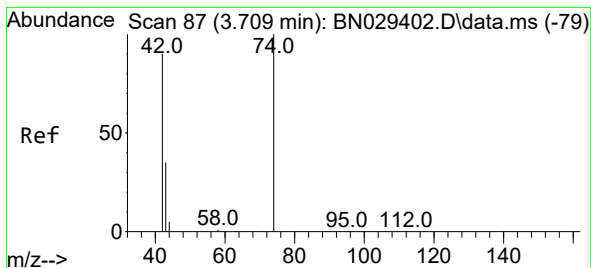


#2
 1,4-Dioxane
 Concen: 5.497 ng
 RT: 3.347 min Scan# 37
 Delta R.T. -0.008 min
 Lab File: BN029995.D
 Acq: 24 Feb 2024 16:43

Tgt Ion: 88 Resp: 32218

Ion	Ratio	Lower	Upper
88	100		
43	40.4	23.3	34.9
58	68.1	53.8	80.6





#3

n-Nitrosodimethylamine

Concen: 0.308 ng

RT: 3.708 min Scan# 81

Delta R.T. 0.021 min

Lab File: BN029995.D

Acq: 24 Feb 2024 16:43

Instrument :

BNA_N

ClientSampleId :

RE134D3-20240212

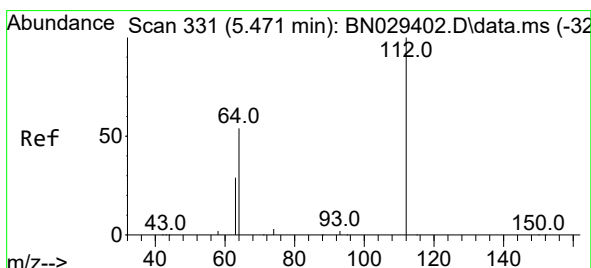
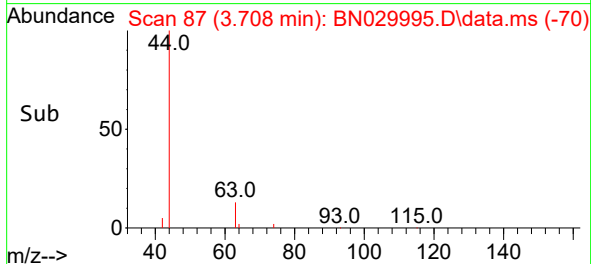
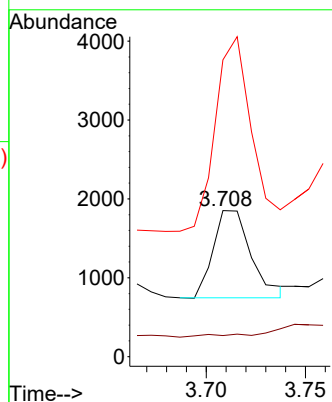
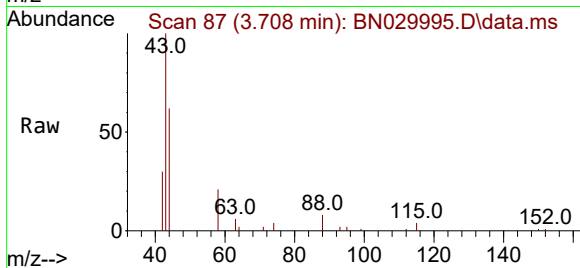
Tgt Ion: 42 Resp: 1472

Ion Ratio Lower Upper

42 100

74 0.0 93.7 140.5#

44 216.4 13.0 19.4#



#4

2-Fluorophenol

Concen: 0.024 ng

RT: 5.434 min Scan# 326

Delta R.T. 0.007 min

Lab File: BN029995.D

Acq: 24 Feb 2024 16:43

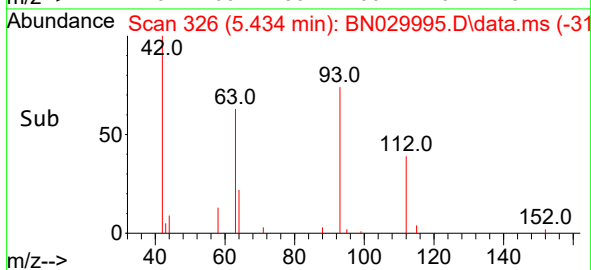
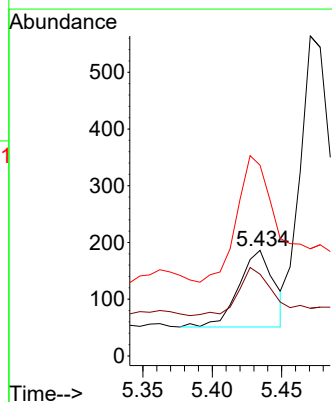
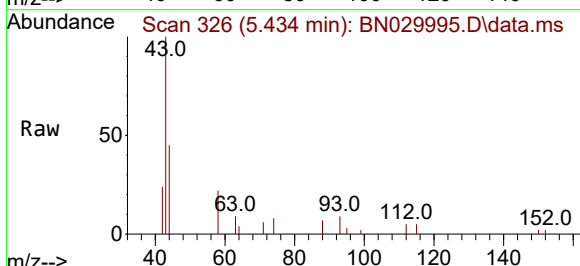
Tgt Ion: 112 Resp: 238

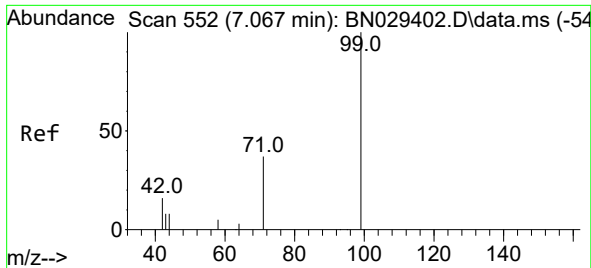
Ion Ratio Lower Upper

112 100

64 77.3 47.2 70.8#

63 244.5 25.8 38.6#

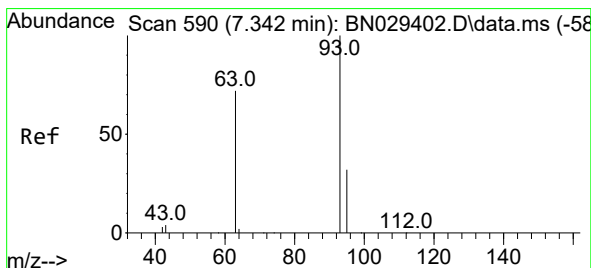
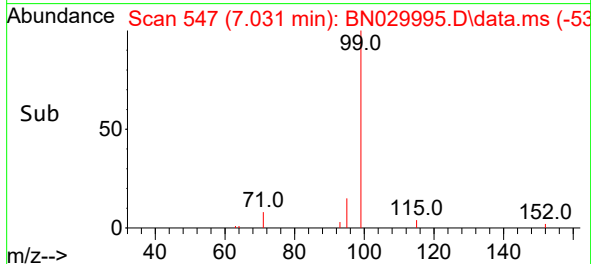
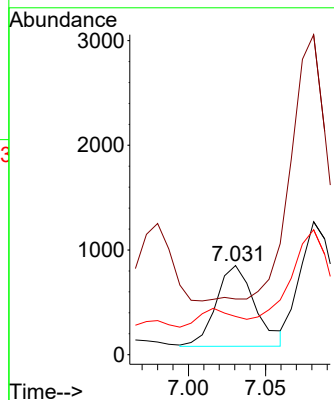
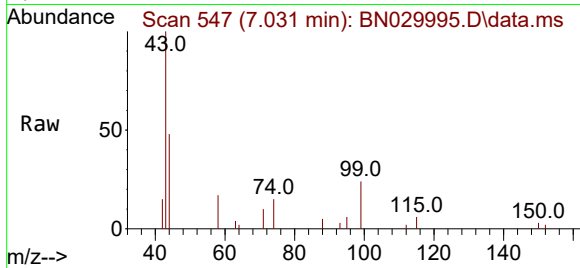




#5
Phenol-d6
Concen: 0.118 ng
RT: 7.031 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN029995.D
Acq: 24 Feb 2024 16:43

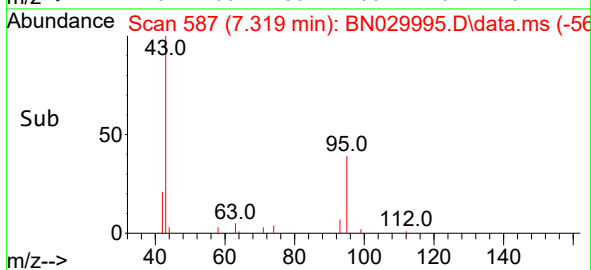
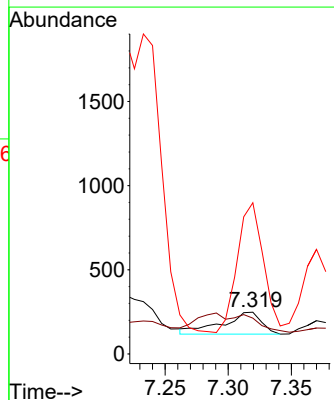
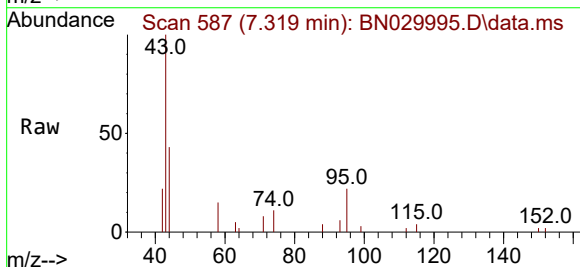
Instrument :
BNA_N
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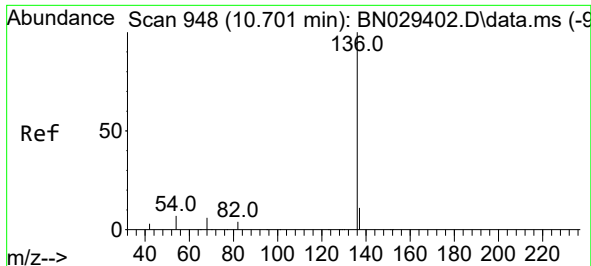
Tgt Ion: 99 Resp: 1358
Ion Ratio Lower Upper
99 100
42 0.0 16.9 25.3#
71 26.0 30.0 45.0#



#6
bis(2-Chloroethyl)ether
Concen: 0.026 ng
RT: 7.319 min Scan# 587
Delta R.T. 0.029 min
Lab File: BN029995.D
Acq: 24 Feb 2024 16:43

Tgt Ion: 93 Resp: 284
Ion Ratio Lower Upper
93 100
63 0.0 63.1 94.7#
95 383.8 27.1 40.7#

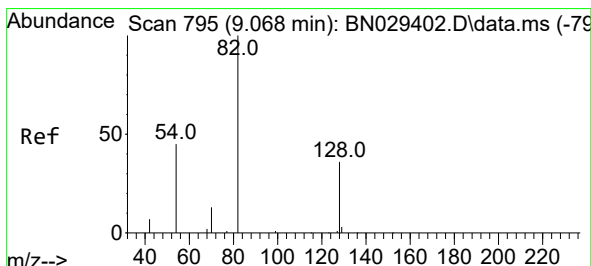
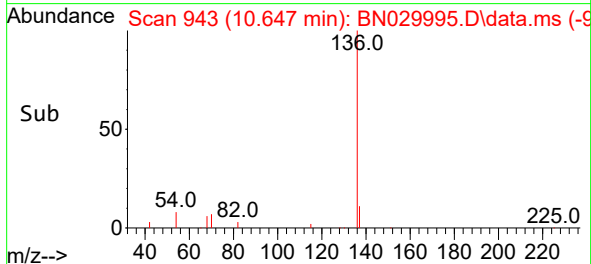
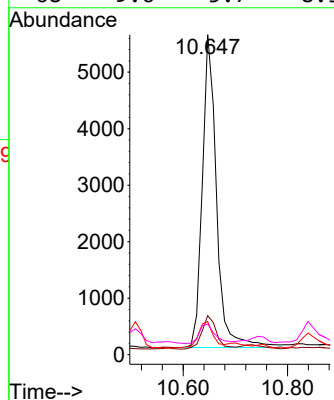
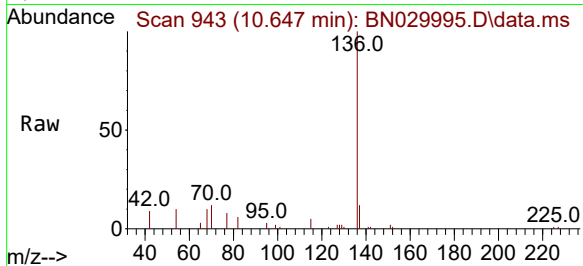




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.647 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN029995.D
Acq: 24 Feb 2024 16:43

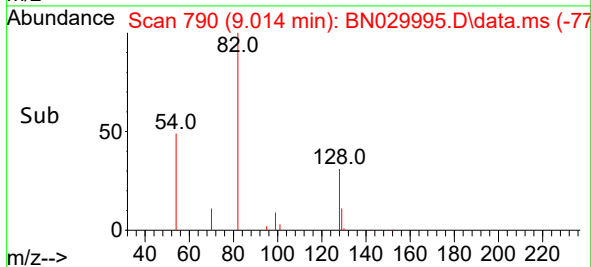
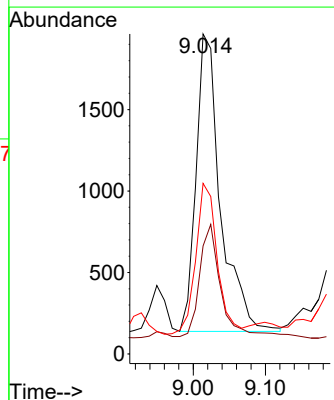
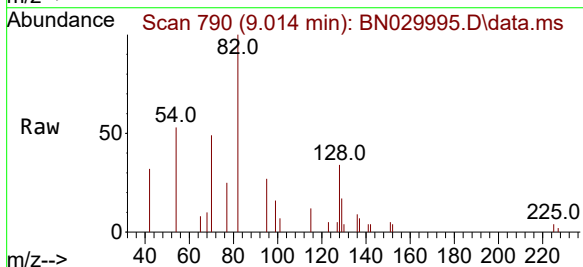
Instrument :
BNA_N
ClientSampleId :
RE134D3-20240212

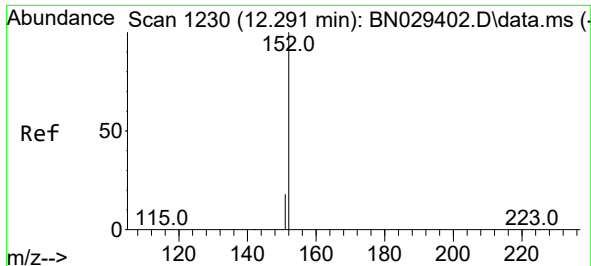
Tgt Ion:136 Resp: 10490
Ion Ratio Lower Upper
136 100
137 12.2 9.7 14.5
54 10.4 6.6 10.0#
68 9.6 5.7 8.5#



#8
Nitrobenzene-d5
Concen: 0.495 ng
RT: 9.014 min Scan# 790
Delta R.T. -0.000 min
Lab File: BN029995.D
Acq: 24 Feb 2024 16:43

Tgt Ion: 82 Resp: 4320
Ion Ratio Lower Upper
82 100
128 33.8 31.6 47.4
54 53.3 38.2 57.4

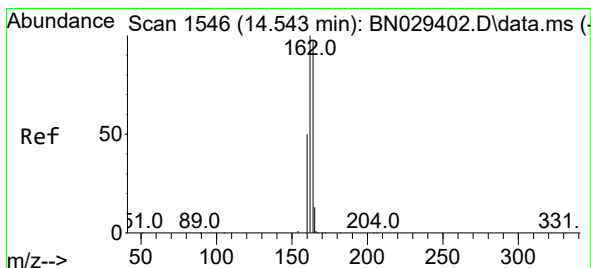
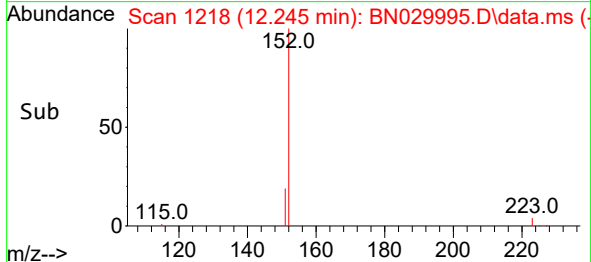
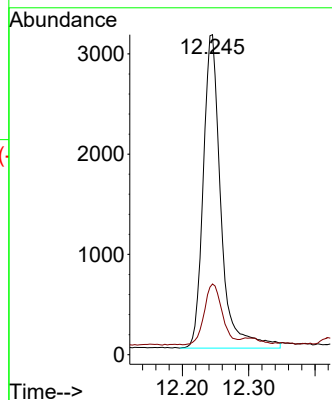
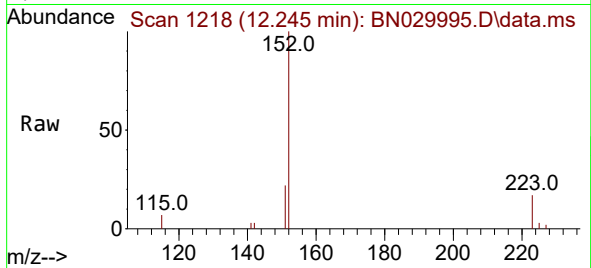




#11
2-Methylnaphthalene-d10
Concen: 0.405 ng
RT: 12.245 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN029995.D
Acq: 24 Feb 2024 16:43

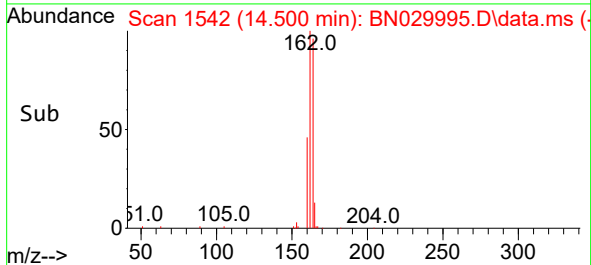
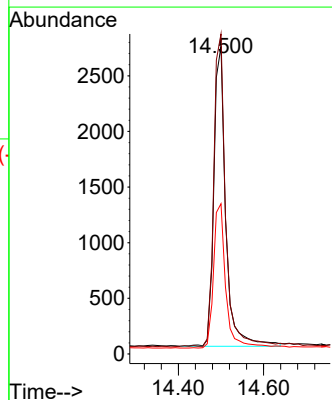
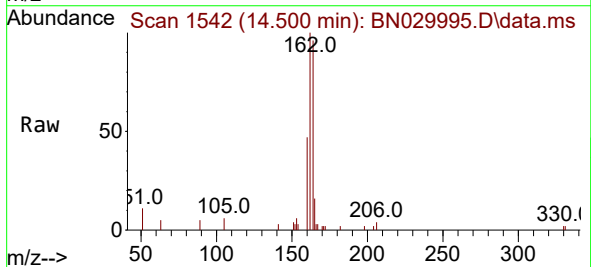
Instrument :
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ClientSampleId :
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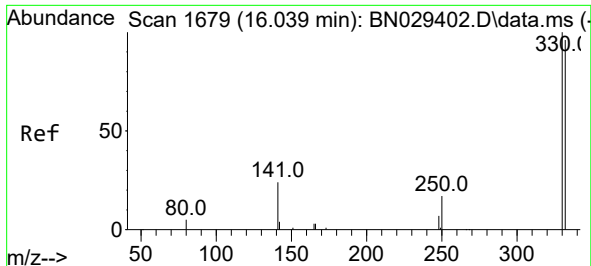
Tgt Ion:152 Resp: 5790
Ion Ratio Lower Upper
152 100
151 19.8 17.1 25.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.500 min Scan# 1542
Delta R.T. 0.010 min
Lab File: BN029995.D
Acq: 24 Feb 2024 16:43

Tgt Ion:164 Resp: 5223
Ion Ratio Lower Upper
164 100
162 104.0 82.6 123.8
160 48.8 41.5 62.3

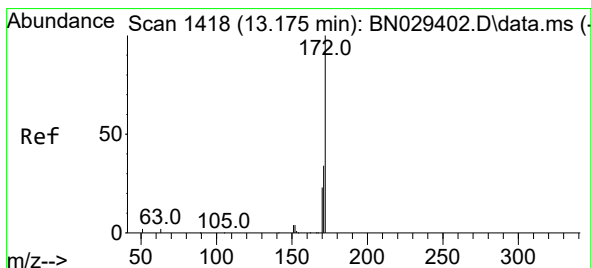
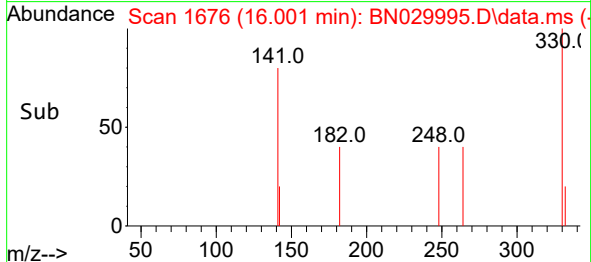
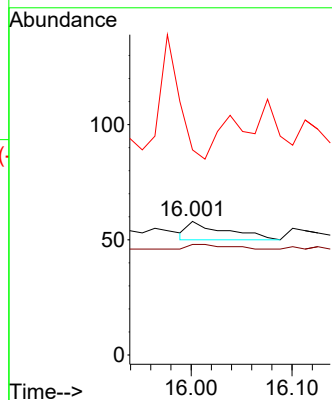
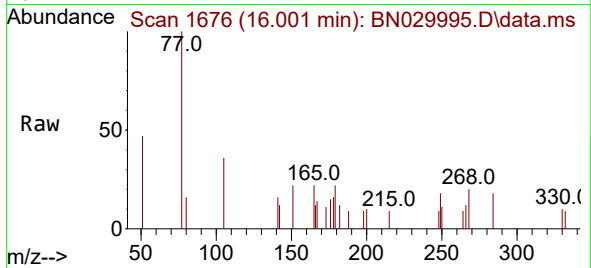




#14
2,4,6-Tribromophenol
Concen: 0.013 ng
RT: 16.001 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029995.D
Acq: 24 Feb 2024 16:43

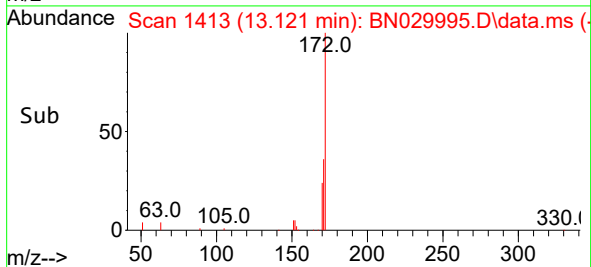
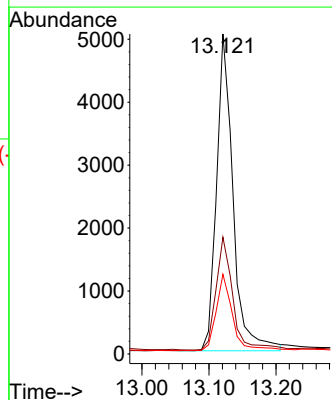
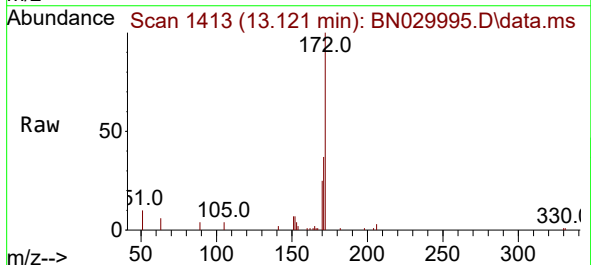
Instrument :
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ClientSampleId :
RE134D3-20240212

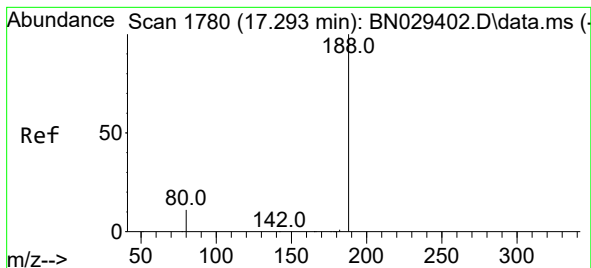
Tgt Ion:330 Resp: 21
Ion Ratio Lower Upper
330 100
332 23.8 76.0 114.0#
141 0.0 43.4 65.2#



#15
2-Fluorobiphenyl
Concen: 0.383 ng
RT: 13.121 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BN029995.D
Acq: 24 Feb 2024 16:43

Tgt Ion:172 Resp: 8595
Ion Ratio Lower Upper
172 100
171 36.5 28.0 42.0
170 24.9 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: BN029995.D

Acq: 24 Feb 2024 16:43

Instrument :

BNA_N

ClientSampleId :

RE134D3-20240212

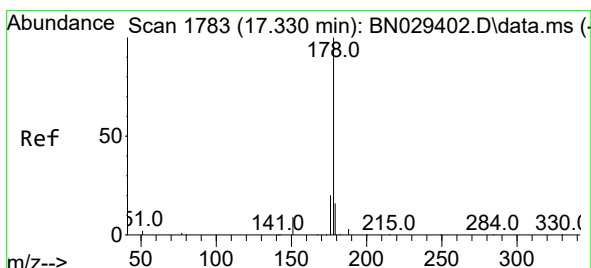
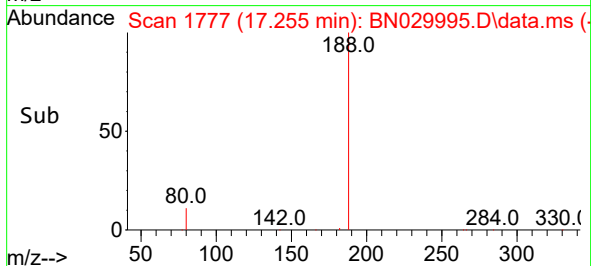
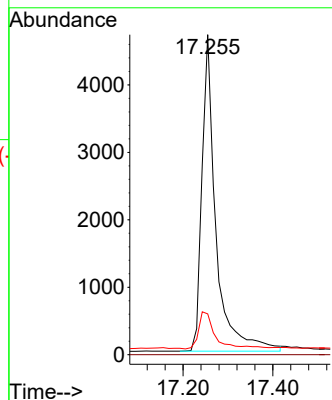
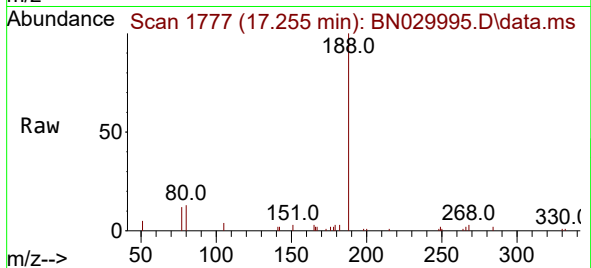
Tgt Ion:188 Resp: 10147

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.8 10.0 15.0



#25

Phenanthrene

Concen: 0.022 ng

RT: 17.292 min Scan# 1780

Delta R.T. -0.000 min

Lab File: BN029995.D

Acq: 24 Feb 2024 16:43

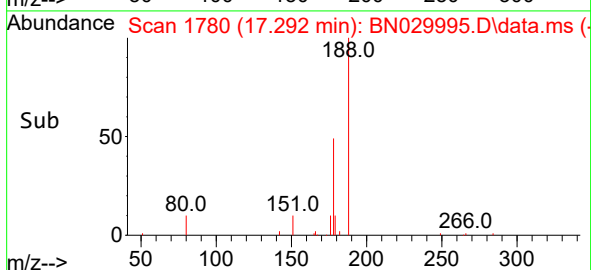
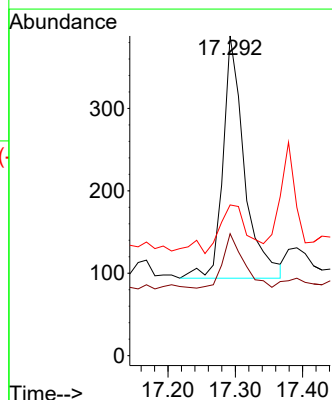
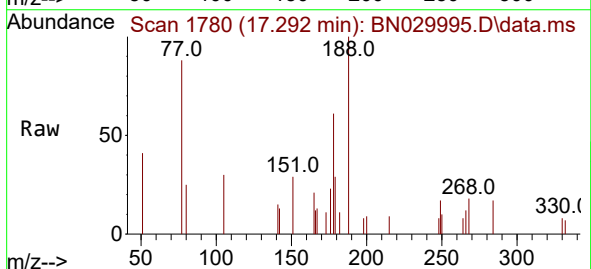
Tgt Ion:178 Resp: 653

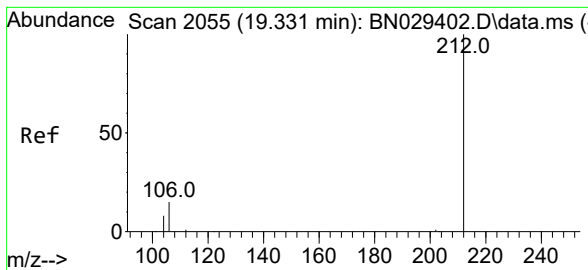
Ion Ratio Lower Upper

178 100

176 21.7 15.8 23.6

179 24.5 12.6 19.0#

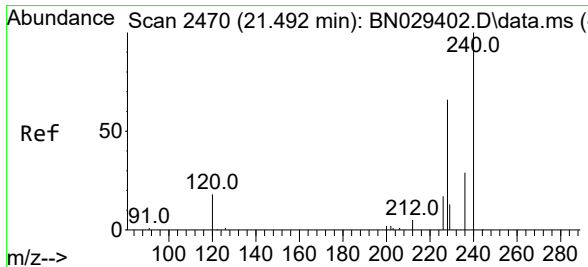
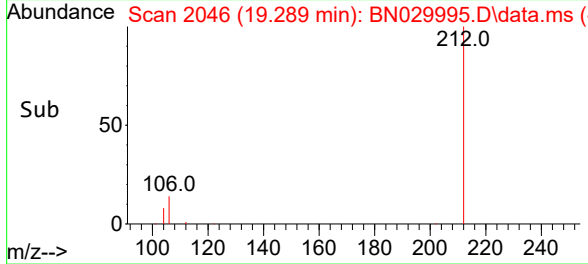
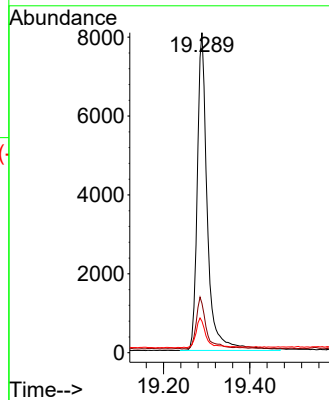
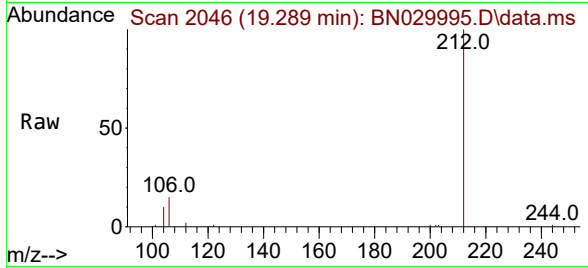




#27
Fluoranthene-d10
Concen: 0.533 ng
RT: 19.289 min Scan# 2055
Delta R.T. -0.000 min
Lab File: BN029995.D
Acq: 24 Feb 2024 16:43

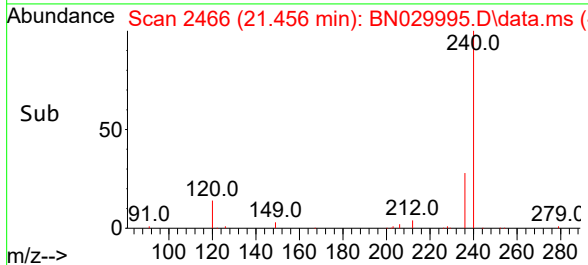
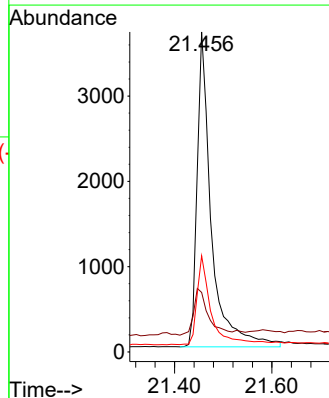
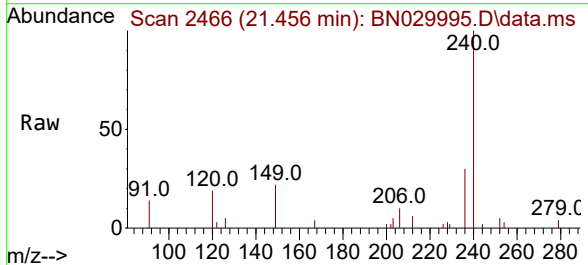
Instrument :
BNA_N
ClientSampleId :
RE134D3-20240212

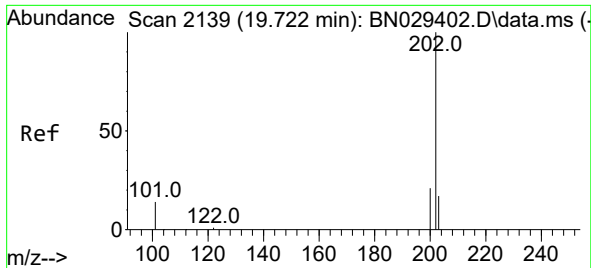
Tgt Ion:212 Resp: 13111
Ion Ratio Lower Upper
212 100
106 16.2 13.2 19.8
104 9.1 7.7 11.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.456 min Scan# 2466
Delta R.T. -0.000 min
Lab File: BN029995.D
Acq: 24 Feb 2024 16:43

Tgt Ion:240 Resp: 7474
Ion Ratio Lower Upper
240 100
120 18.6 16.7 25.1
236 30.1 23.9 35.9

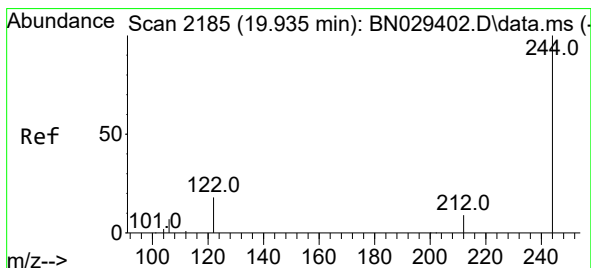
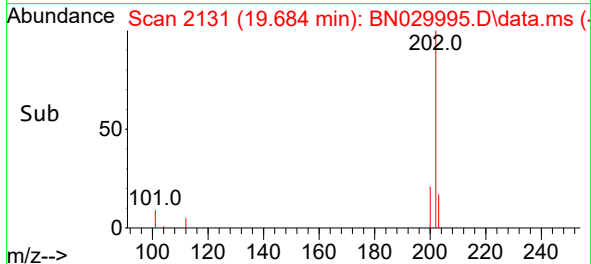
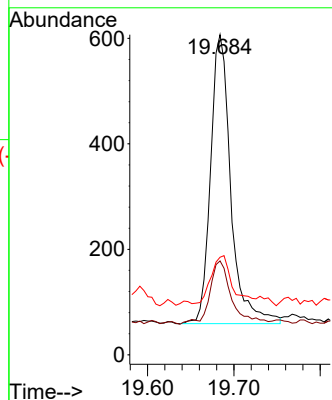
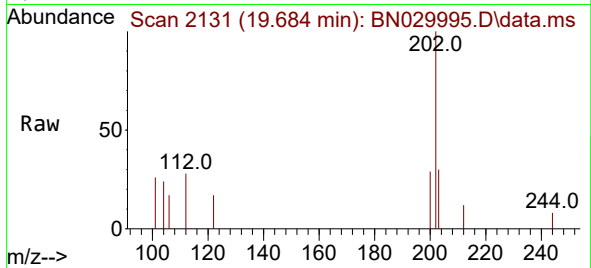




#30
 Pyrene
 Concen: 0.026 ng
 RT: 19.684 min Scan# 2117
 Delta R.T. -0.000 min
 Lab File: BN029995.D
 Acq: 24 Feb 2024 16:43

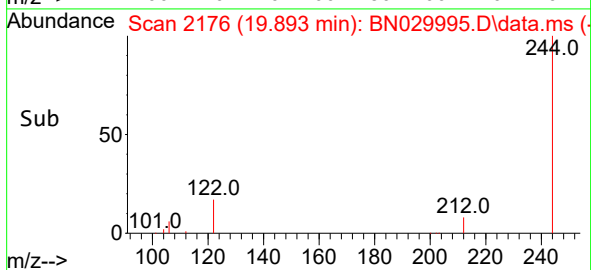
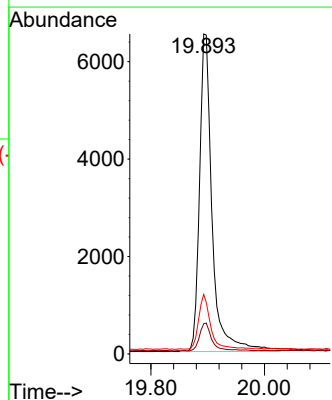
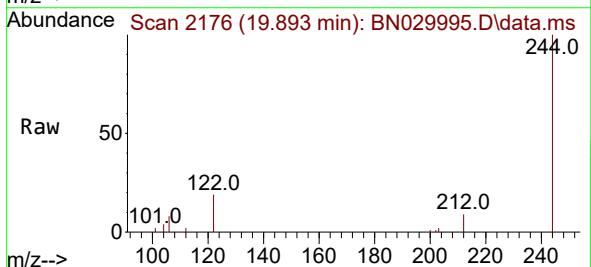
Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20240212

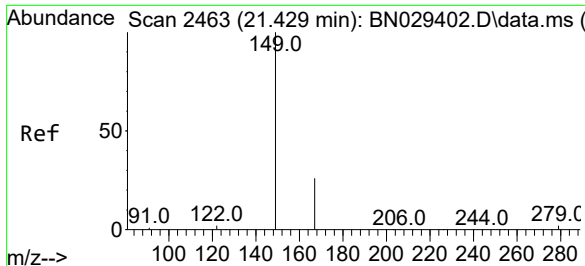
Tgt Ion:202 Resp: 896
 Ion Ratio Lower Upper
 202 100
 200 23.4 16.6 25.0
 203 17.0 14.2 21.4



#31
 Terphenyl-d14
 Concen: 0.544 ng
 RT: 19.893 min Scan# 2176
 Delta R.T. -0.005 min
 Lab File: BN029995.D
 Acq: 24 Feb 2024 16:43

Tgt Ion:244 Resp: 10095
 Ion Ratio Lower Upper
 244 100
 212 9.5 8.2 12.4
 122 18.6 15.6 23.4

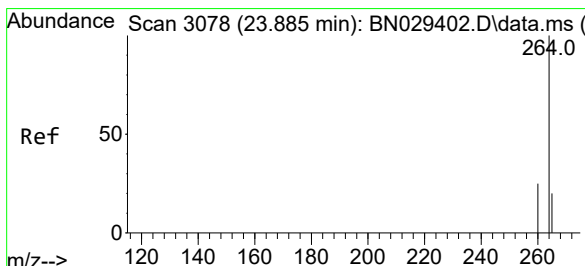
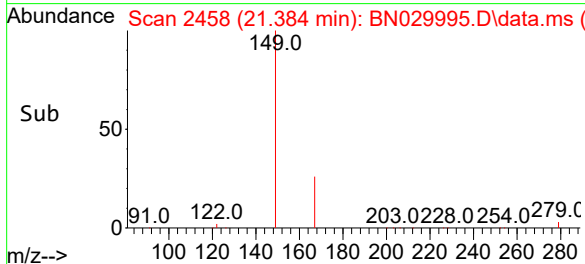
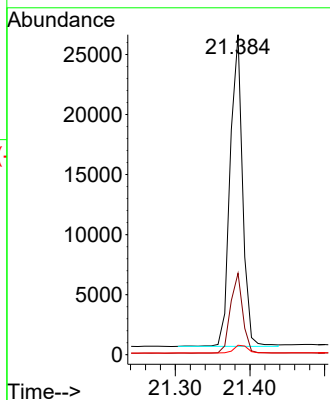
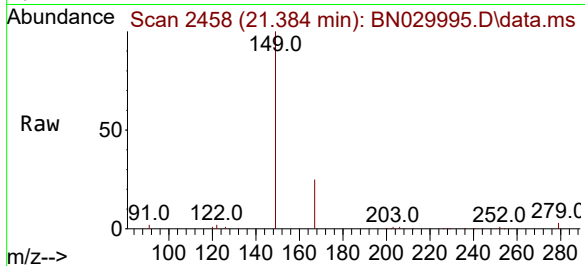




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 1.724 ng
 RT: 21.384 min Scan# 2463
 Delta R.T. -0.000 min
 Lab File: BN029995.D
 Acq: 24 Feb 2024 16:43

Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20240212

Tgt Ion:149 Resp: 29995
 Ion Ratio Lower Upper
 149 100
 167 25.2 20.1 30.1
 279 2.8 2.5 3.7



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.826 min Scan# 3058
 Delta R.T. 0.005 min
 Lab File: BN029995.D
 Acq: 24 Feb 2024 16:43

Tgt Ion:264 Resp: 5913
 Ion Ratio Lower Upper
 264 100
 260 27.4 21.2 31.8
 265 97.0 41.5 62.3#

