

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072723\
 Data File : BN026771.D
 Acq On : 27 Jul 2023 18:59
 Operator : MA/JU
 Sample : 03630-01DL 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20230713DL

Quant Time: Jul 28 03:47:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 27 18:29:30 2023
 Response via : Initial Calibration

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

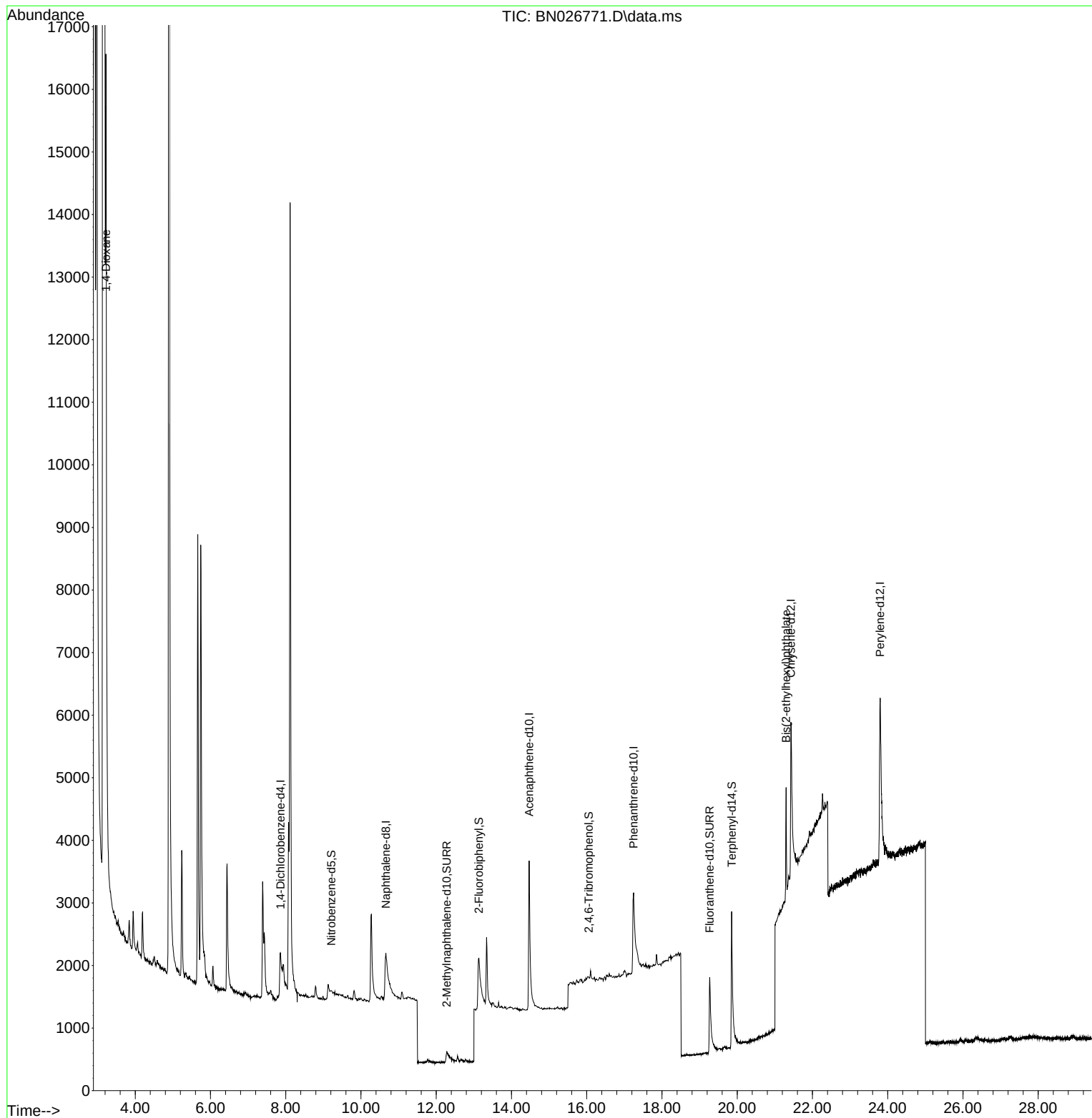
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.864	152	1314	0.400	ng	# 0.02
7) Naphthalene-d8	10.661	136	3503	0.400	ng	# 0.02
13) Acenaphthene-d10	14.470	164	2568	0.400	ng	0.01
19) Phenanthrene-d10	17.244	188	5219	0.400	ng	0.02
29) Chrysene-d12	21.426	240	5925	0.400	ng	0.00
35) Perylene-d12	23.797	264	6445	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.437	112	35	0.011	ng	-0.02
5) Phenol-d6	7.084	99	3	0.001	ng	0.01
8) Nitrobenzene-d5	9.209	82	461m	0.154	ng	0.14
11) 2-Methylnaphthalene-d10	12.279	152	808m	0.158	ng	0.04
14) 2,4,6-Tribromophenol	16.053	330	139m	0.149	ng	0.06
15) 2-Fluorobiphenyl	13.133	172	2460m	0.248	ng	0.03
27) Fluoranthene-d10	19.268	212	3372	0.305	ng	0.01
31) Terphenyl-d14	19.853	244	4634	0.306	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.220	88	6534	4.701	ng	# 87
34) Bis(2-ethylhexyl)phtha...	21.301	149	1770	0.093	ng	# 88

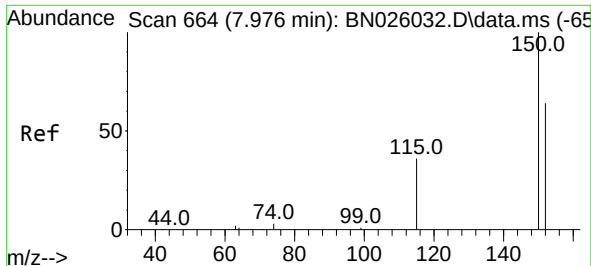
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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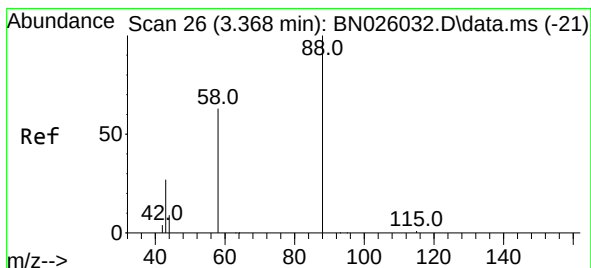
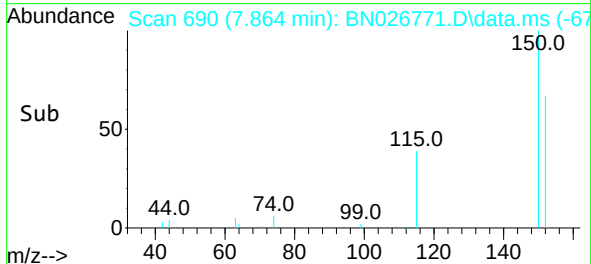
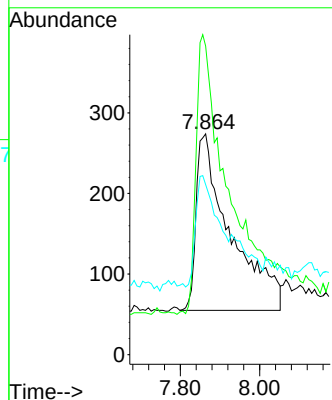
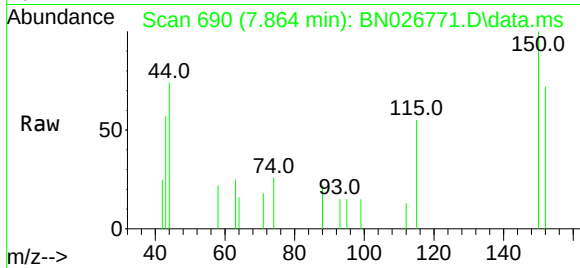




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.864 min Scan# 61
 Delta R.T. 0.022 min
 Lab File: BN026771.D
 Acq: 27 Jul 2023 18:59

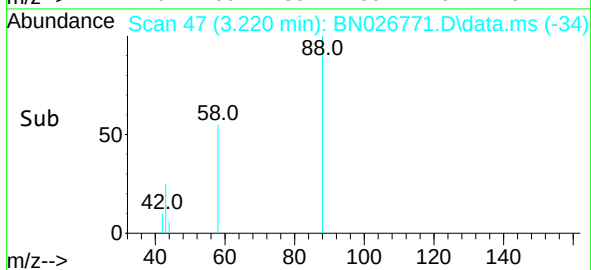
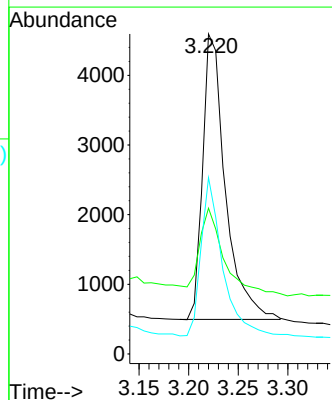
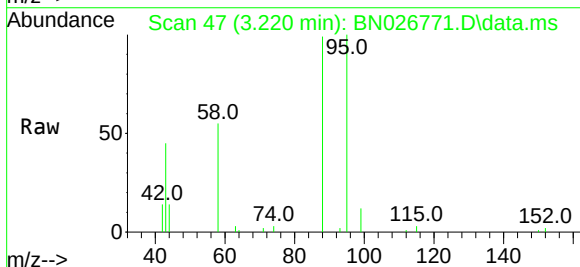
Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20230713DL

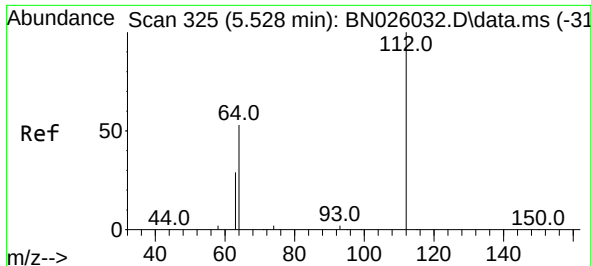
Tgt Ion:152 Resp: 1314
 Ion Ratio Lower Upper
 152 100
 150 139.8 124.7 187.1
 115 77.0 48.2 72.4#



#2
 1,4-Dioxane
 Concen: 4.701 ng
 RT: 3.220 min Scan# 47
 Delta R.T. -0.007 min
 Lab File: BN026771.D
 Acq: 27 Jul 2023 18:59

Tgt Ion: 88 Resp: 6534
 Ion Ratio Lower Upper
 88 100
 43 30.9 24.2 36.4
 58 52.3 53.3 79.9#





#4

2-Fluorophenol

Concen: 0.011 ng

RT: 5.437 min Scan# 3

Delta R.T. -0.022 min

Lab File: BN026771.D

Acq: 27 Jul 2023 18:59

Instrument :

BNA_N

ClientSampleId :

SP-100-20230713DL

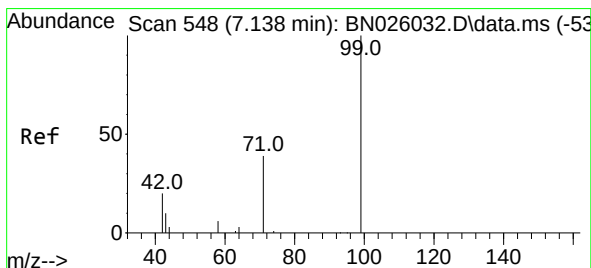
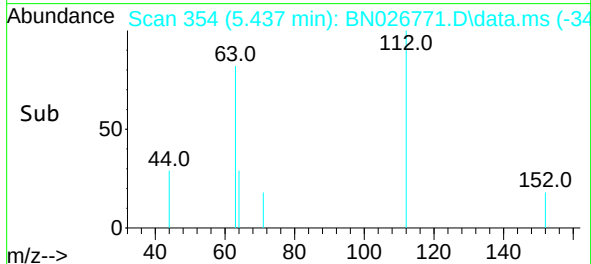
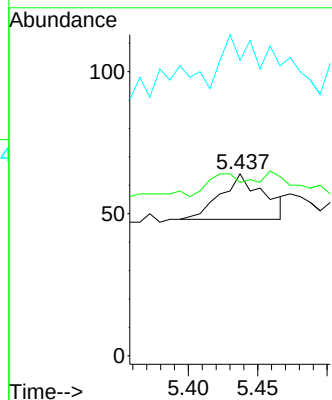
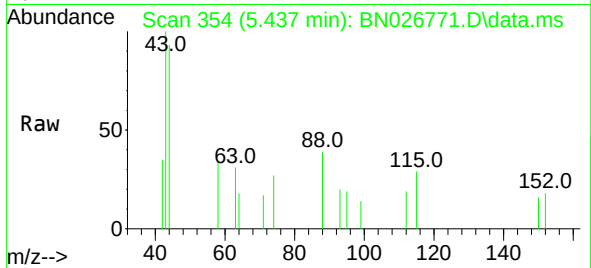
Tgt Ion:112 Resp: 35

Ion Ratio Lower Upper

112 100

64 37.1 45.8 68.6#

63 77.1 27.4 41.2#



#5

Phenol-d6

Concen: 0.001 ng

RT: 7.084 min Scan# 582

Delta R.T. 0.014 min

Lab File: BN026771.D

Acq: 27 Jul 2023 18:59

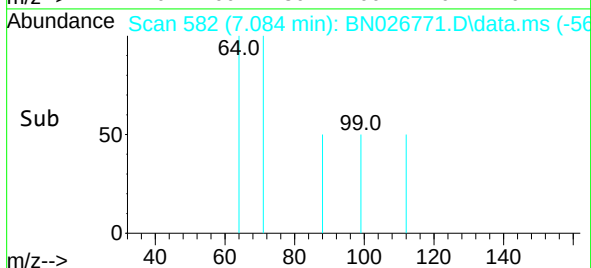
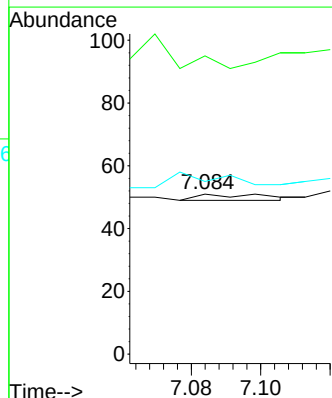
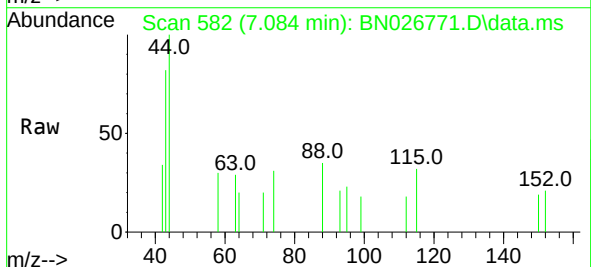
Tgt Ion: 99 Resp: 3

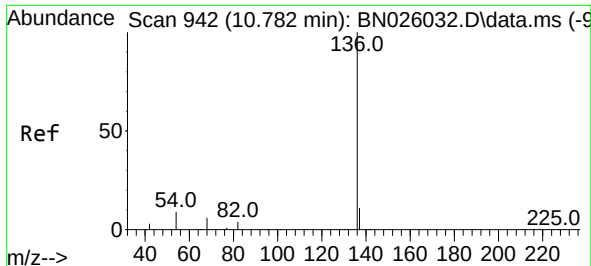
Ion Ratio Lower Upper

99 100

42 0.0 18.4 27.6#

71 200.0 30.6 46.0#

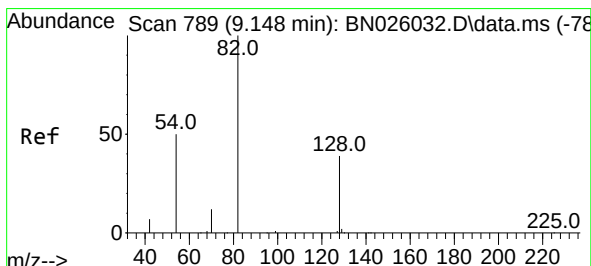
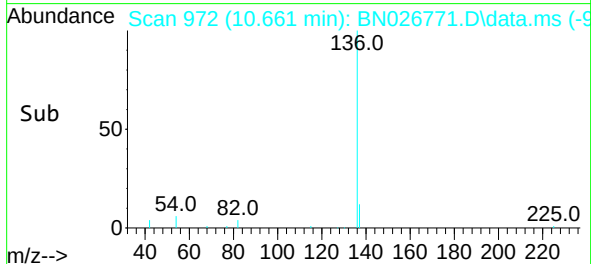
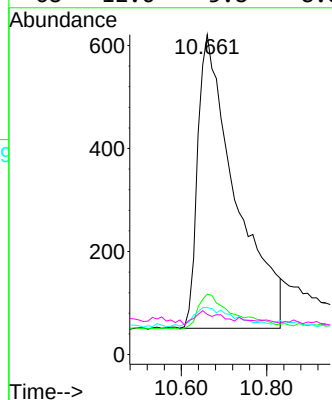
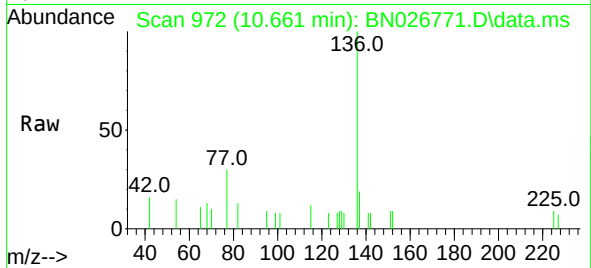




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.661 min Scan# 91
Delta R.T. 0.021 min
Lab File: BN026771.D
Acq: 27 Jul 2023 18:59

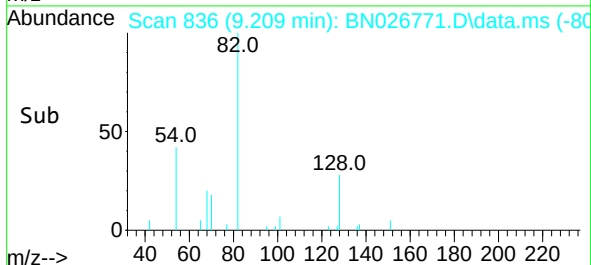
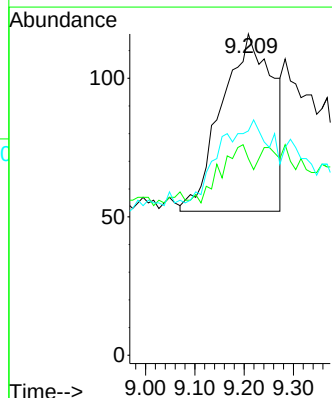
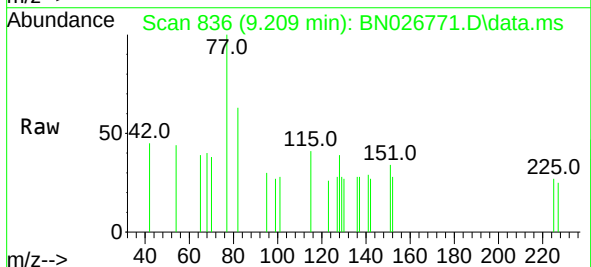
Instrument :
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SP-100-20230713DL

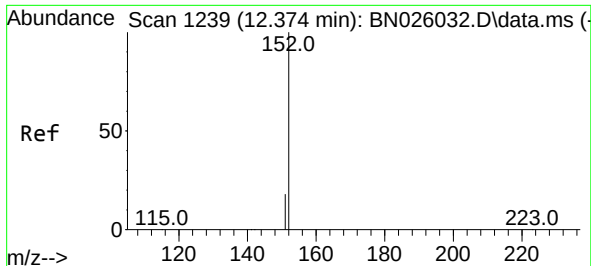
Tgt Ion:136 Resp: 3503
Ion Ratio Lower Upper
136 100
137 18.8 9.0 13.4#
54 14.7 7.8 11.6#
68 12.6 5.8 8.8#



#8
Nitrobenzene-d5
Concen: 0.154 ng m
RT: 9.209 min Scan# 836
Delta R.T. 0.139 min
Lab File: BN026771.D
Acq: 27 Jul 2023 18:59

Tgt Ion: 82 Resp: 461
Ion Ratio Lower Upper
82 100
128 61.2 33.4 50.2#
54 69.8 41.7 62.5#

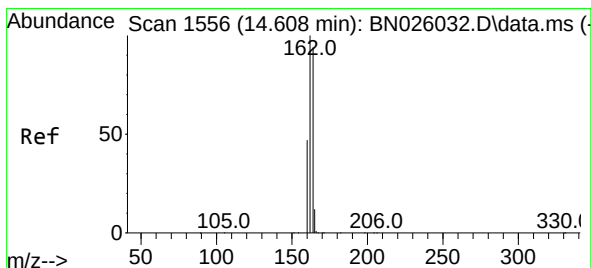
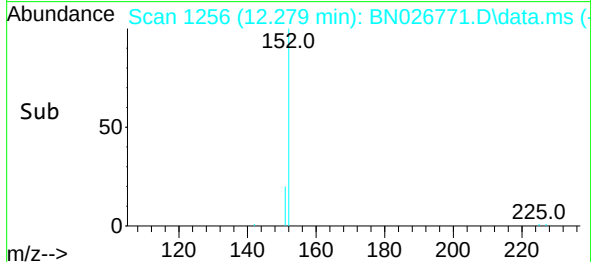
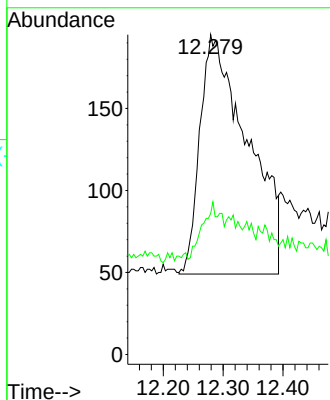
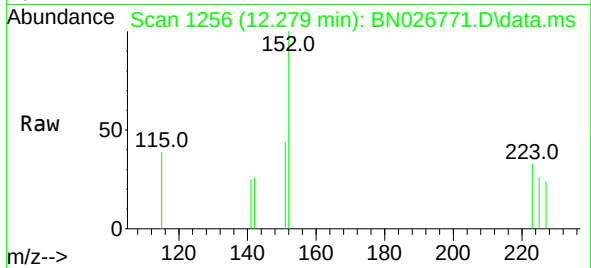




#11
2-Methylnaphthalene-d10
Concen: 0.158 ng m
RT: 12.279 min Scan# 11
Delta R.T. 0.038 min
Lab File: BN026771.D
Acq: 27 Jul 2023 18:59

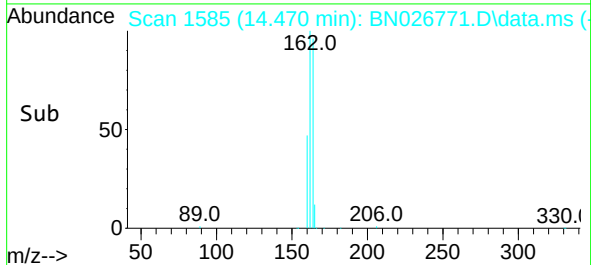
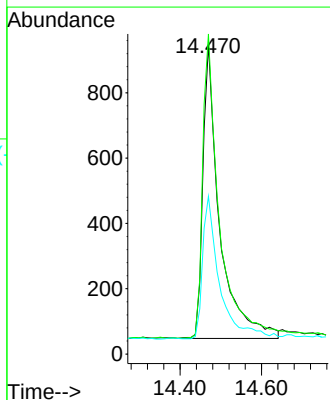
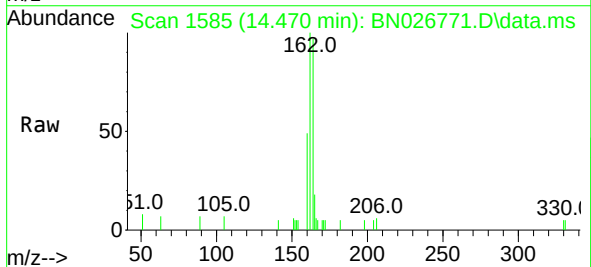
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ClientSampleId :
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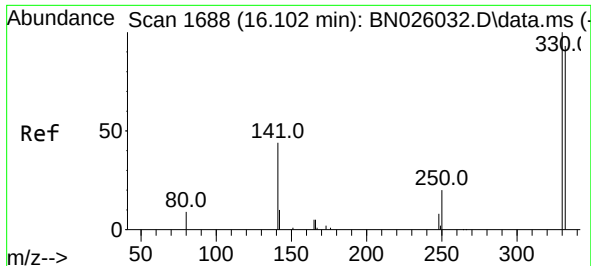
Tgt Ion:152 Resp: 808
Ion Ratio Lower Upper
152 100
151 7.1 16.2 24.2#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.470 min Scan# 1585
Delta R.T. 0.011 min
Lab File: BN026771.D
Acq: 27 Jul 2023 18:59

Tgt Ion:164 Resp: 2568
Ion Ratio Lower Upper
164 100
162 103.5 85.3 127.9
160 51.0 40.0 60.0

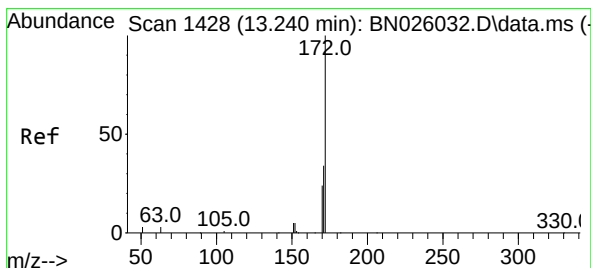
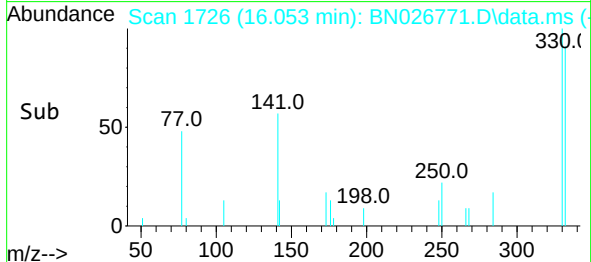
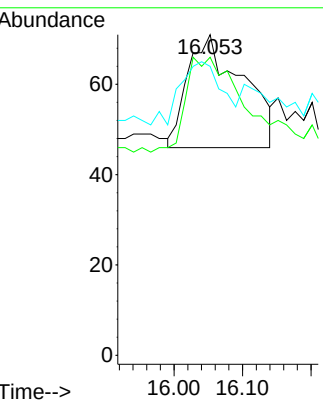
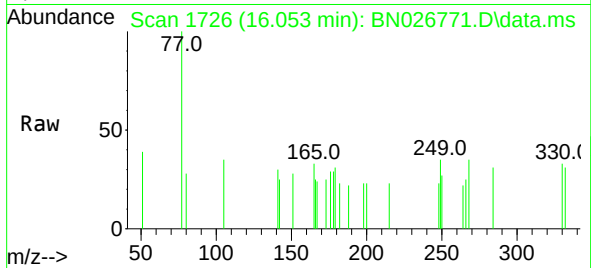




#14
2,4,6-Tribromophenol
Concen: 0.149 ng m
RT: 16.053 min Scan# 1
Delta R.T. 0.062 min
Lab File: BN026771.D
Acq: 27 Jul 2023 18:59

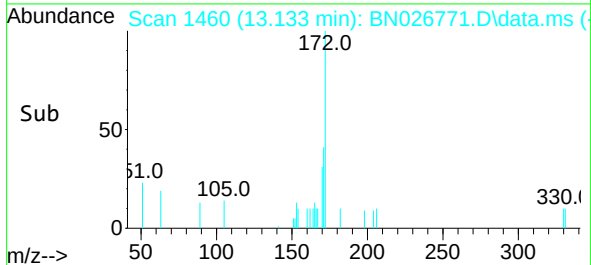
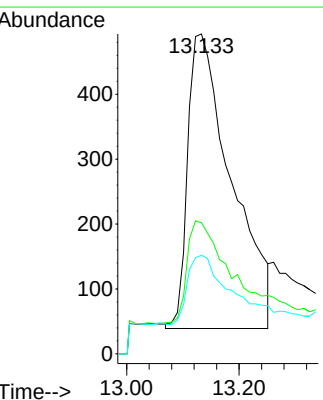
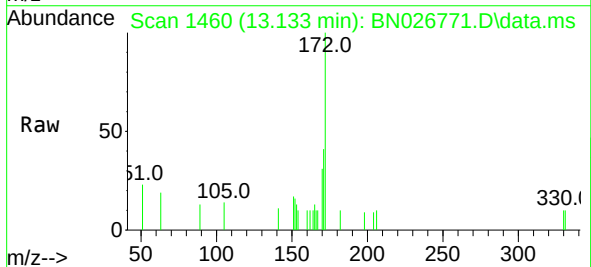
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ClientSampleId :
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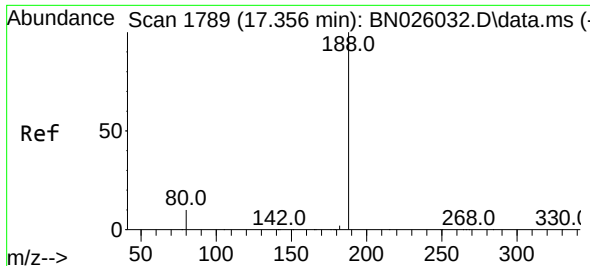
Tgt Ion:330 Resp: 139
Ion Ratio Lower Upper
330 100
332 0.0 76.0 114.0#
141 43.2 42.8 64.2



#15
2-Fluorobiphenyl
Concen: 0.248 ng m
RT: 13.133 min Scan# 1460
Delta R.T. 0.032 min
Lab File: BN026771.D
Acq: 27 Jul 2023 18:59

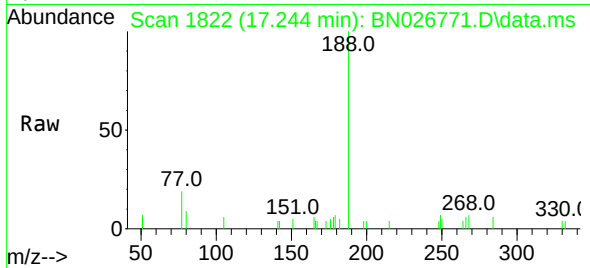
Tgt Ion:172 Resp: 2460
Ion Ratio Lower Upper
172 100
171 41.0 27.8 41.8
170 30.8 19.3 28.9#



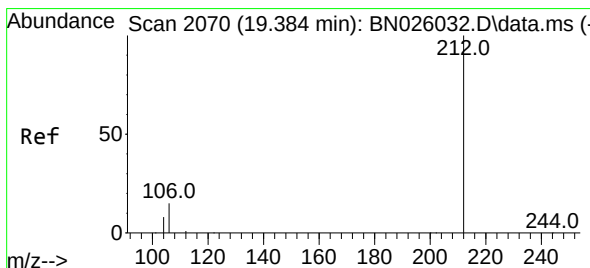
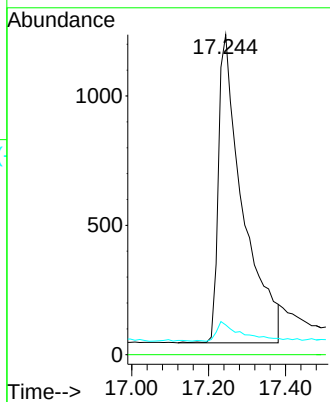
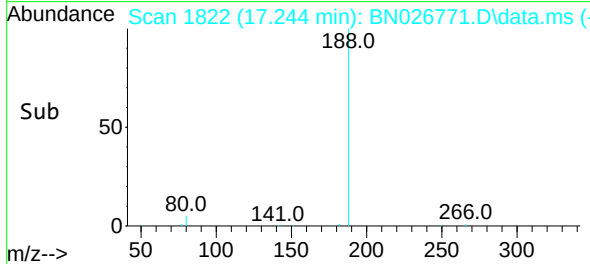


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.244 min Scan# 11
Delta R.T. 0.025 min
Lab File: BN026771.D
Acq: 27 Jul 2023 18:59

Instrument :
BNA_N
ClientSampleId :
SP-100-20230713DL

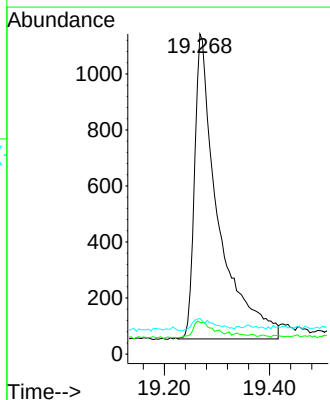
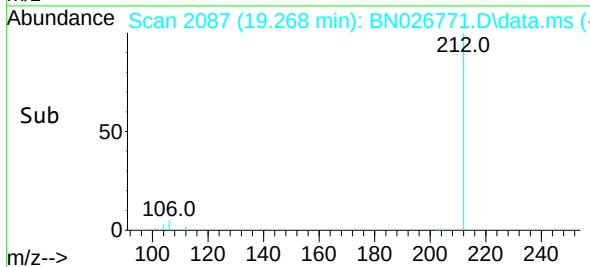
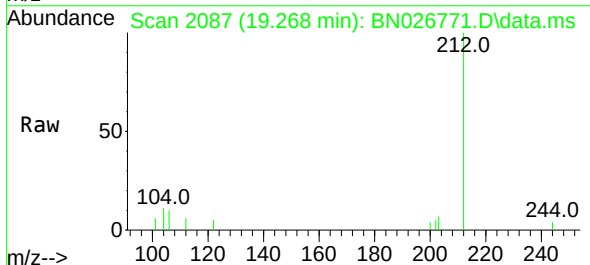


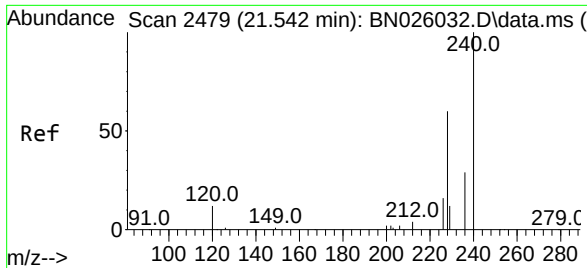
Tgt Ion:188 Resp: 5219
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.3 8.6 13.0



#27
Fluoranthene-d10
Concen: 0.305 ng
RT: 19.268 min Scan# 2087
Delta R.T. 0.014 min
Lab File: BN026771.D
Acq: 27 Jul 2023 18:59

Tgt Ion:212 Resp: 3372
Ion Ratio Lower Upper
212 100
106 4.5 11.6 17.4#
104 2.0 7.2 10.8#

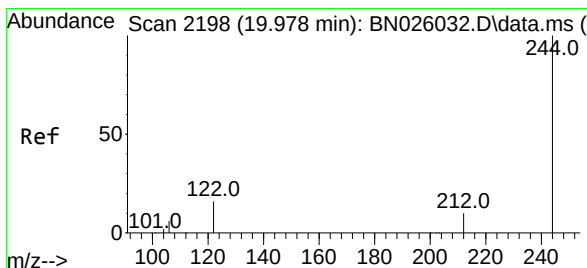
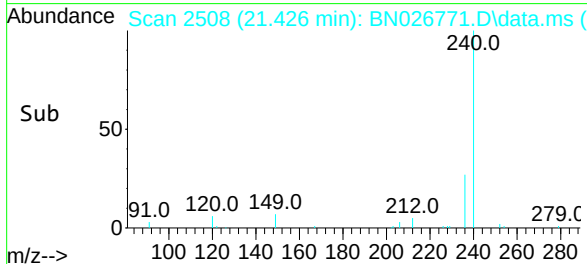
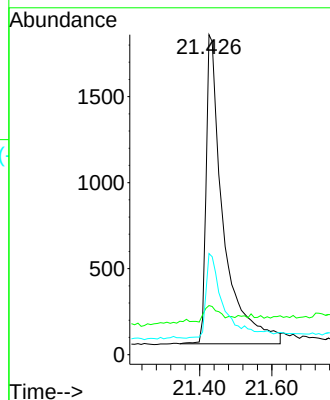
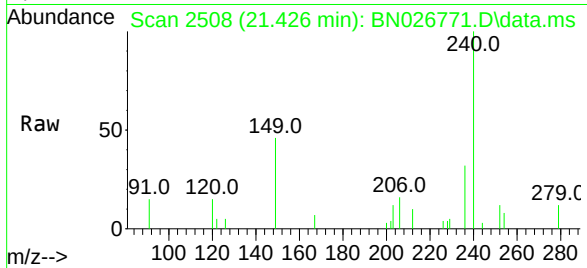




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.426 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN026771.D
Acq: 27 Jul 2023 18:59

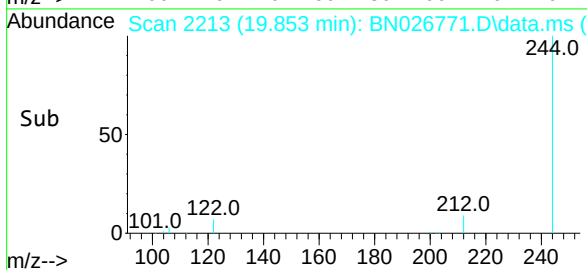
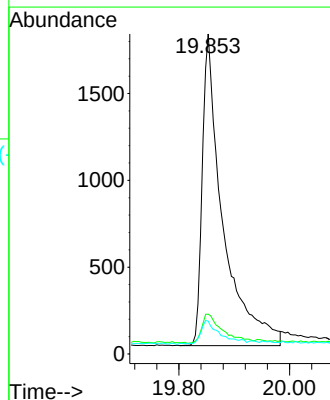
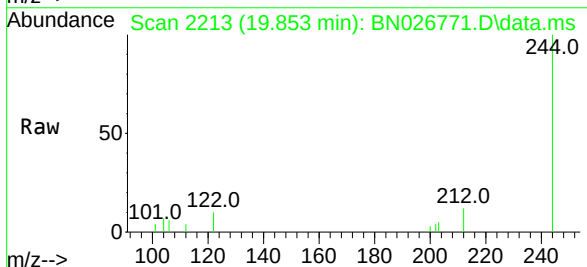
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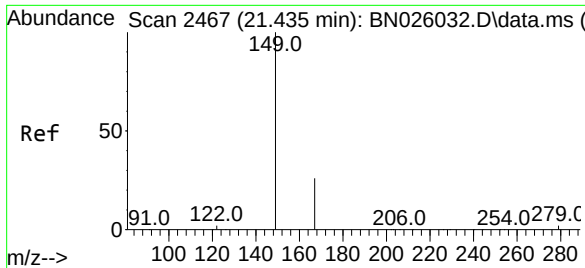
Tgt Ion:240 Resp: 5925
Ion Ratio Lower Upper
240 100
120 15.3 14.6 22.0
236 31.6 24.2 36.2



#31
Terphenyl-d14
Concen: 0.306 ng
RT: 19.853 min Scan# 2213
Delta R.T. -0.000 min
Lab File: BN026771.D
Acq: 27 Jul 2023 18:59

Tgt Ion:244 Resp: 4634
Ion Ratio Lower Upper
244 100
212 12.5 8.7 13.1
122 10.3 13.7 20.5#

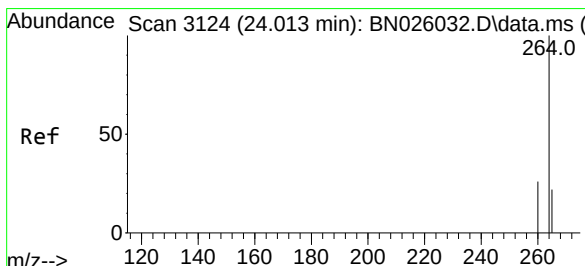
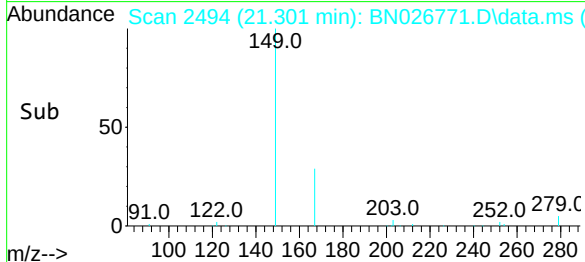
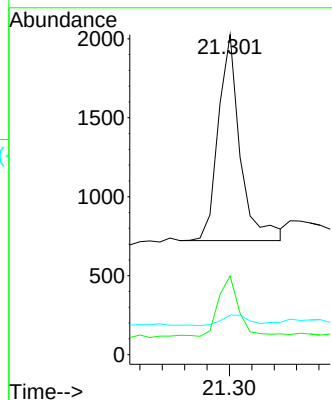
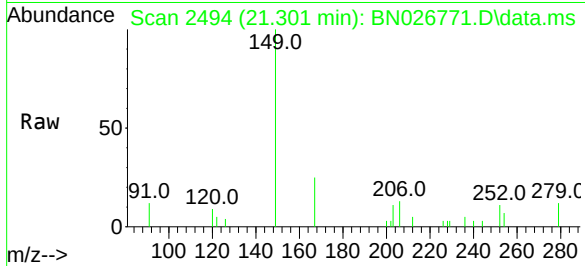




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.093 ng
 RT: 21.301 min Scan# 2467
 Delta R.T. -0.009 min
 Lab File: BN026771.D
 Acq: 27 Jul 2023 18:59

Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20230713DL

Tgt Ion:149 Resp: 1770
 Ion Ratio Lower Upper
 149 100
 167 31.6 20.2 30.4#
 279 6.0 2.4 3.6#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.797 min Scan# 3092
 Delta R.T. -0.006 min
 Lab File: BN026771.D
 Acq: 27 Jul 2023 18:59

Tgt Ion:264 Resp: 6445
 Ion Ratio Lower Upper
 264 100
 260 27.1 21.9 32.9
 265 130.7 80.3 120.5#

