

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082923\
 Data File : BN027253.D
 Acq On : 29 Aug 2023 23:34
 Operator : MA/JU
 Sample : 04126-16
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D3-20230821

Quant Time: Aug 30 01:25:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 29 05:37:30 2023
 Response via : Initial Calibration

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

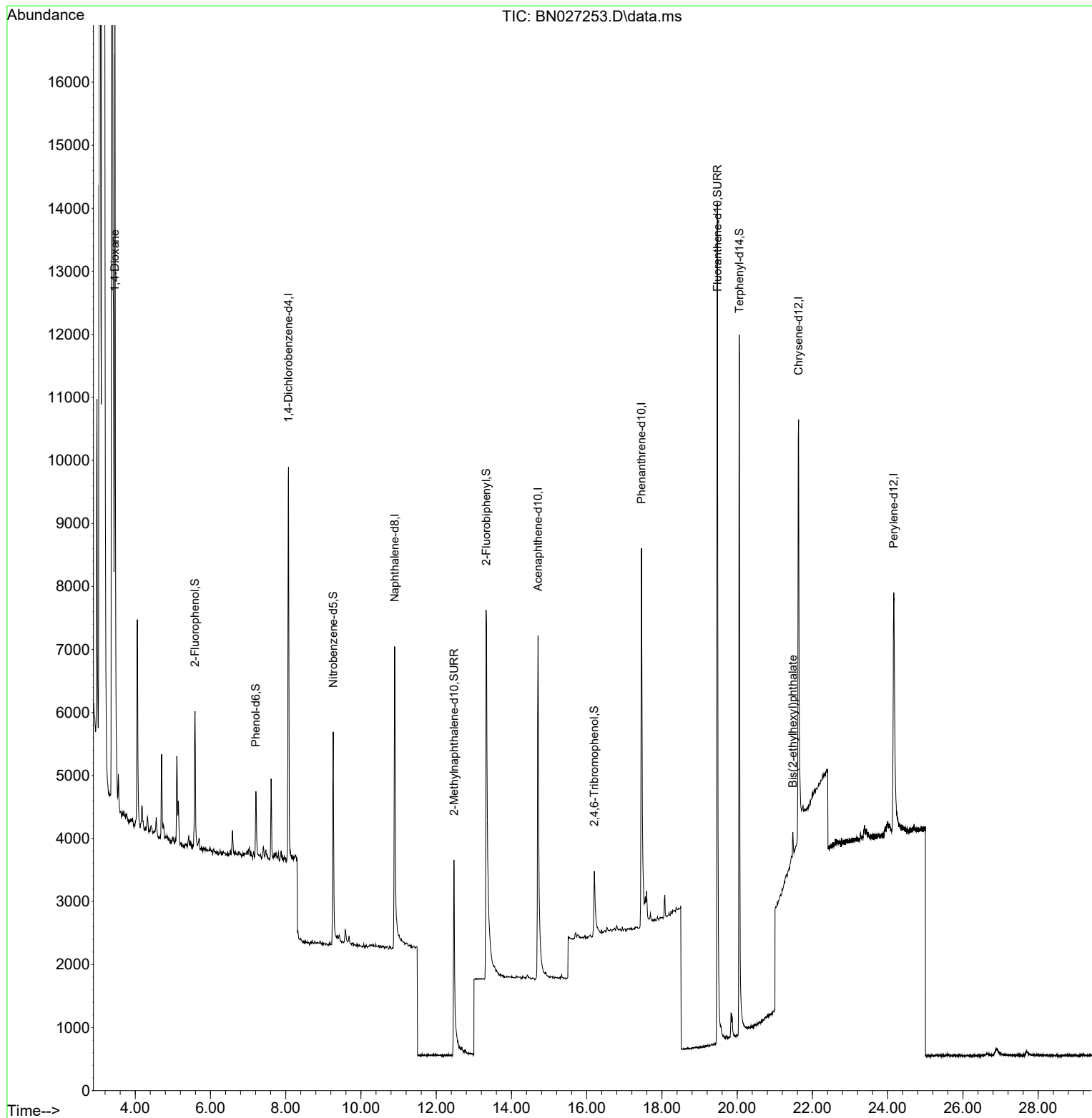
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	3312	0.400	ng	0.00
7) Naphthalene-d8	10.895	136	8331	0.400	ng	0.00
13) Acenaphthene-d10	14.705	164	5071	0.400	ng	0.01
19) Phenanthrene-d10	17.455	188	12164	0.400	ng	0.01
29) Chrysene-d12	21.632	240	9314	0.400	ng	0.00
35) Perylene-d12	24.159	264	8134	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.589	112	1954	0.226	ng	0.00
5) Phenol-d6	7.207	99	1229	0.117	ng	0.00
8) Nitrobenzene-d5	9.262	82	3365	0.554	ng	0.00
11) 2-Methylnaphthalene-d10	12.472	152	6799	0.556	ng	0.00
14) 2,4,6-Tribromophenol	16.202	330	923	0.492	ng	0.01
15) 2-Fluorobiphenyl	13.326	172	9643	0.500	ng	0.00
27) Fluoranthene-d10	19.472	212	18756	0.620	ng	0.00
31) Terphenyl-d14	20.057	244	13338	0.713	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.458	88	10316	2.551	ng	Qvalue 94
34) Bis(2-ethylhexyl)phtha...	21.480	149	407	0.026	ng	# 83

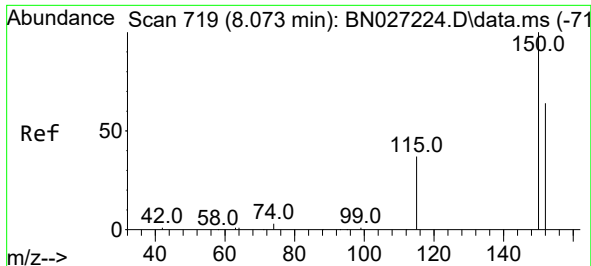
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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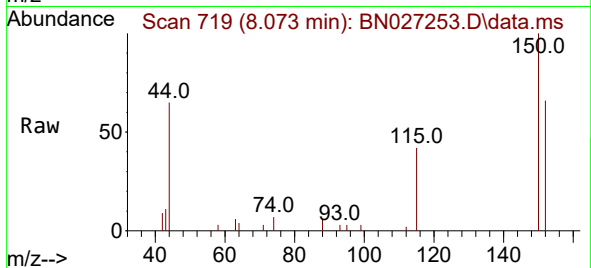
Quant Time: Aug 30 01:25:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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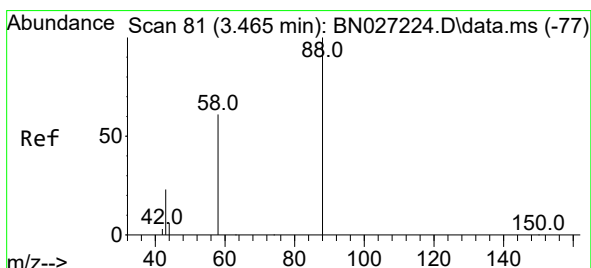
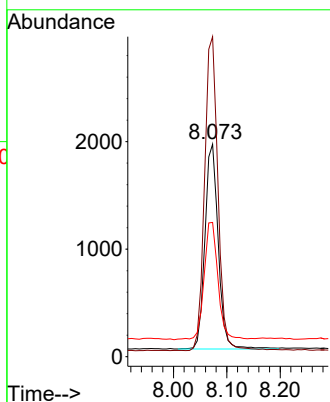
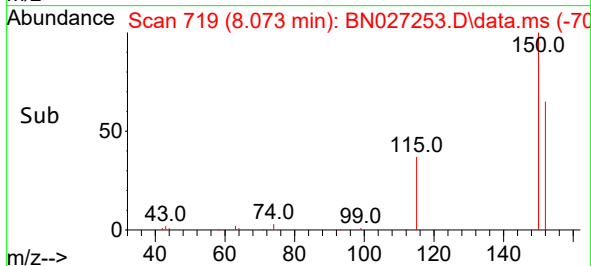


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.073 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN027253.D
Acq: 29 Aug 2023 23:34

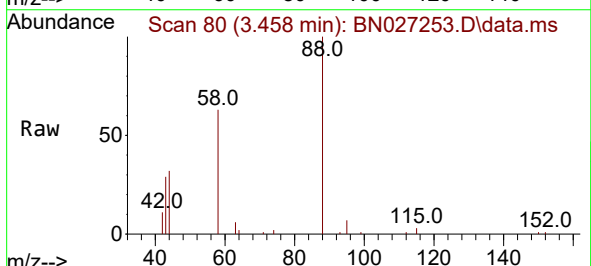
Instrument :
BNA_N
ClientSampleId :
RE131D3-20230821



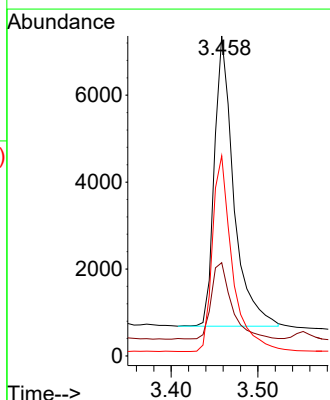
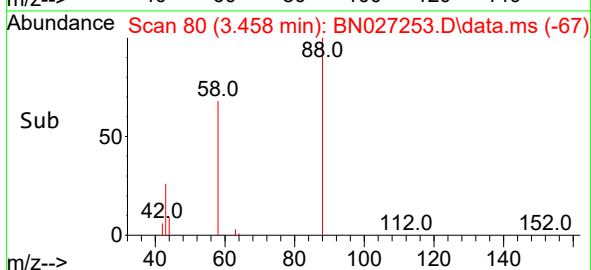
Tgt Ion:152 Resp: 3312
Ion Ratio Lower Upper
152 100
150 150.6 122.7 184.1
115 63.2 48.6 73.0

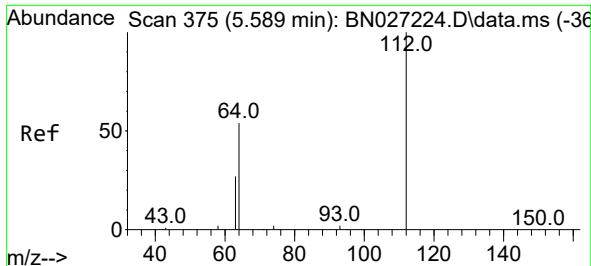


#2
1,4-Dioxane
Concen: 2.551 ng
RT: 3.458 min Scan# 80
Delta R.T. -0.007 min
Lab File: BN027253.D
Acq: 29 Aug 2023 23:34



Tgt Ion: 88 Resp: 10316
Ion Ratio Lower Upper
88 100
43 27.7 19.1 28.7
58 69.5 52.2 78.2





#4

2-Fluorophenol

Concen: 0.226 ng

RT: 5.589 min Scan# 31

Delta R.T. 0.000 min

Lab File: BN027253.D

Acq: 29 Aug 2023 23:34

Instrument :

BNA_N

ClientSampleId :

RE131D3-20230821

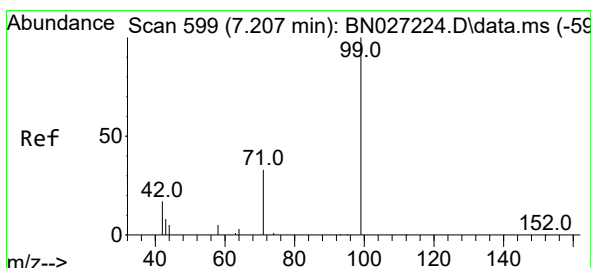
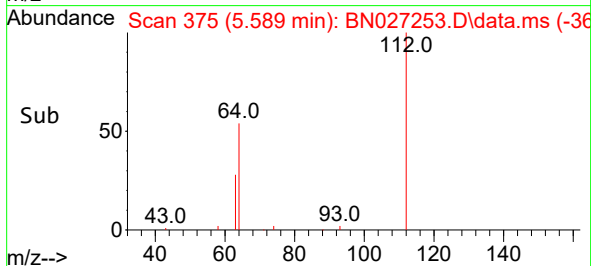
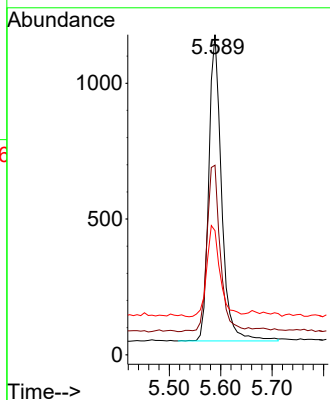
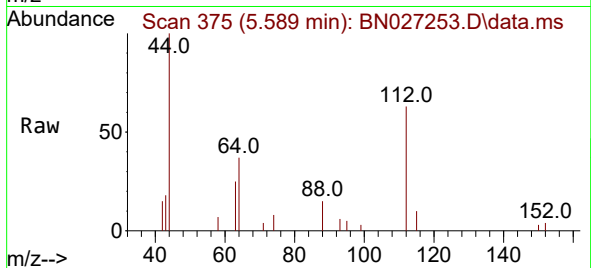
Tgt Ion:112 Resp: 1954

Ion Ratio Lower Upper

112 100

64 56.4 44.4 66.6

63 30.9 23.1 34.7



#5

Phenol-d6

Concen: 0.117 ng

RT: 7.207 min Scan# 599

Delta R.T. 0.000 min

Lab File: BN027253.D

Acq: 29 Aug 2023 23:34

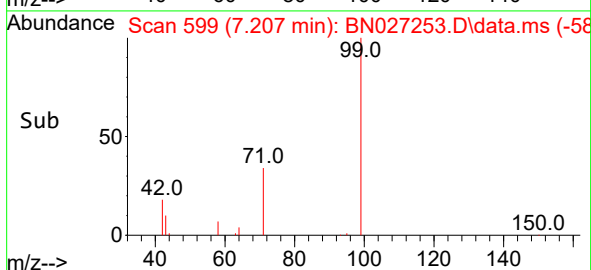
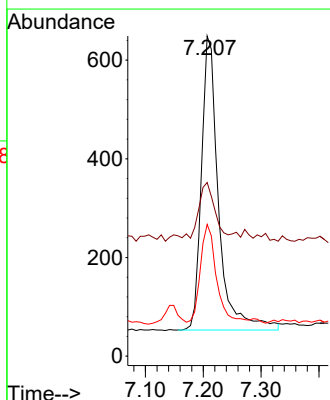
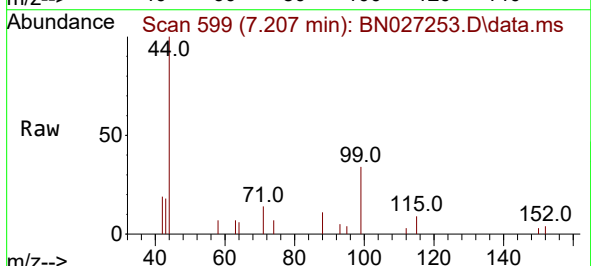
Tgt Ion: 99 Resp: 1229

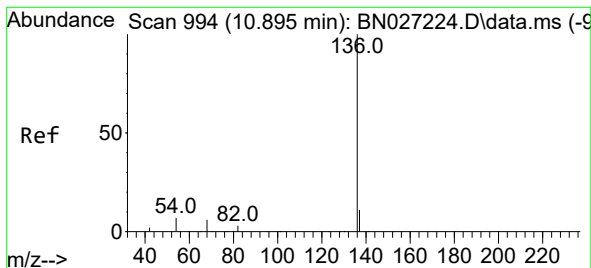
Ion Ratio Lower Upper

99 100

42 17.7 14.5 21.7

71 30.6 25.8 38.6





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.895 min Scan# 994

Delta R.T. 0.000 min

Lab File: BN027253.D

Acq: 29 Aug 2023 23:34

Instrument :

BNA_N

ClientSampleId :

RE131D3-20230821

Tgt Ion:136 Resp: 8331

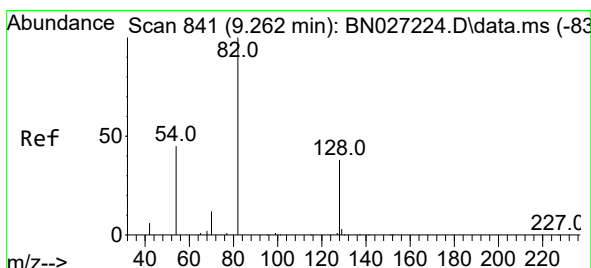
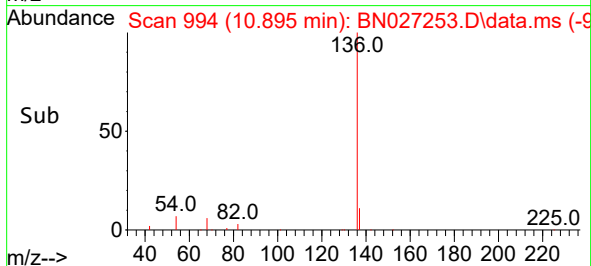
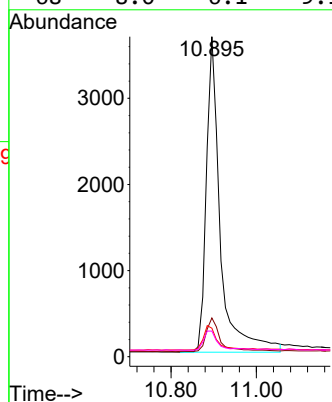
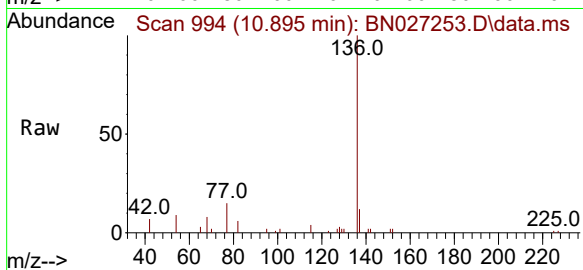
Ion Ratio Lower Upper

136 100

137 12.1 9.3 13.9

54 8.9 6.7 10.1

68 8.0 6.1 9.1



#8

Nitrobenzene-d5

Concen: 0.554 ng

RT: 9.262 min Scan# 841

Delta R.T. 0.000 min

Lab File: BN027253.D

Acq: 29 Aug 2023 23:34

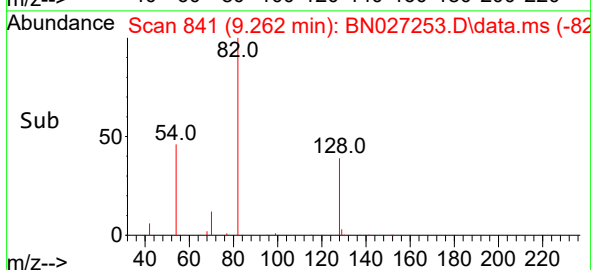
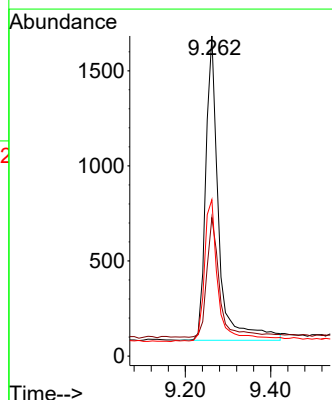
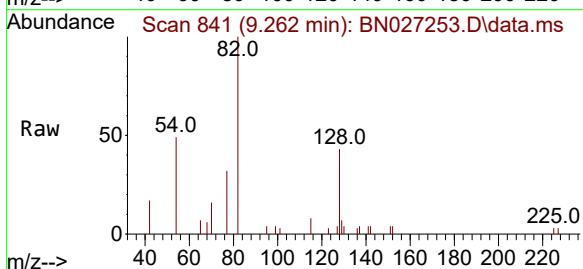
Tgt Ion: 82 Resp: 3365

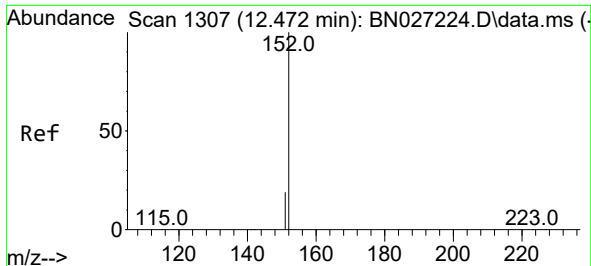
Ion Ratio Lower Upper

82 100

128 43.3 33.4 50.0

54 48.8 37.7 56.5

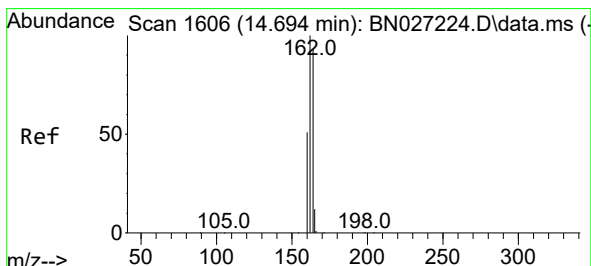
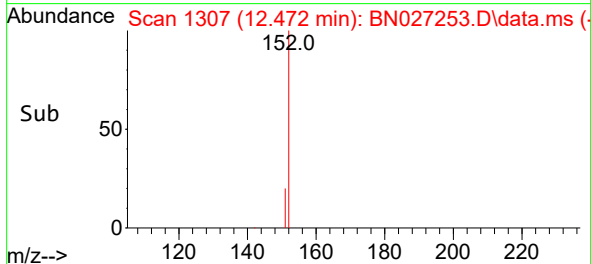
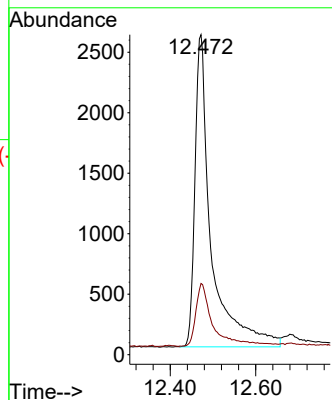
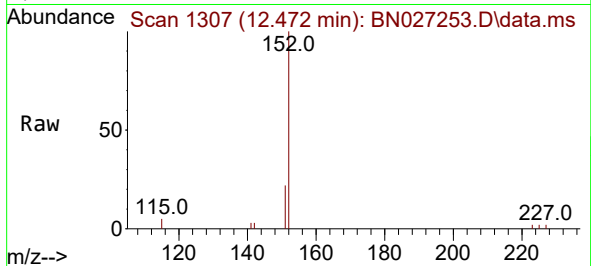




#11
2-Methylnaphthalene-d10
Concen: 0.556 ng
RT: 12.472 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027253.D
Acq: 29 Aug 2023 23:34

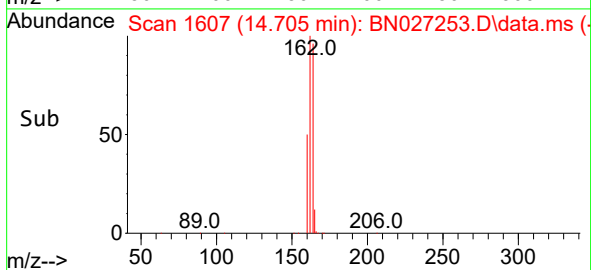
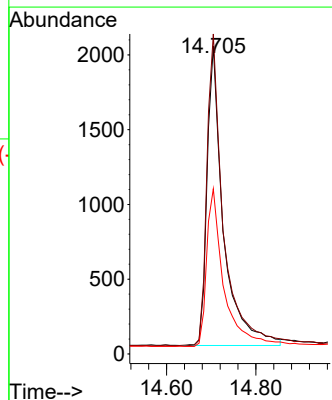
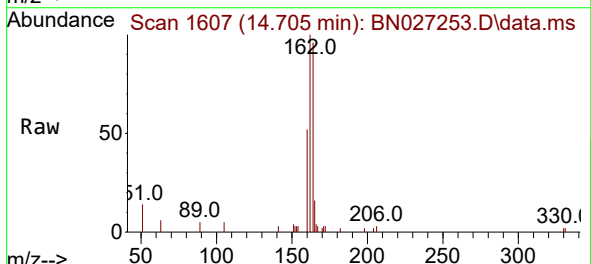
Instrument :
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ClientSampleId :
RE131D3-20230821

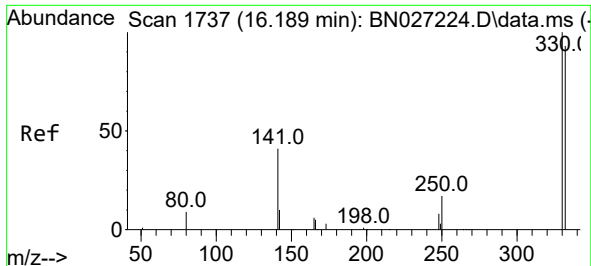
Tgt Ion:152 Resp: 6799
Ion Ratio Lower Upper
152 100
151 21.8 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.705 min Scan# 1607
Delta R.T. 0.011 min
Lab File: BN027253.D
Acq: 29 Aug 2023 23:34

Tgt Ion:164 Resp: 5071
Ion Ratio Lower Upper
164 100
162 103.9 85.8 128.8
160 53.6 44.2 66.2

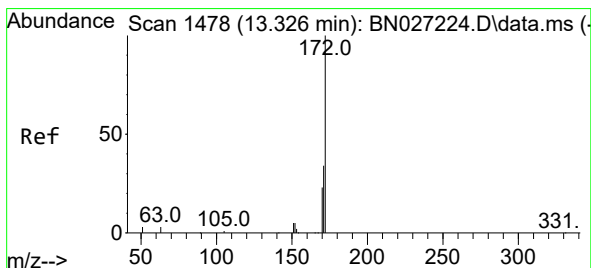
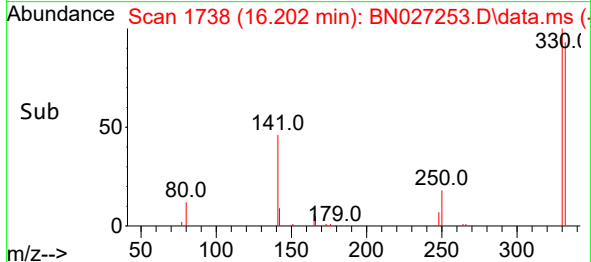
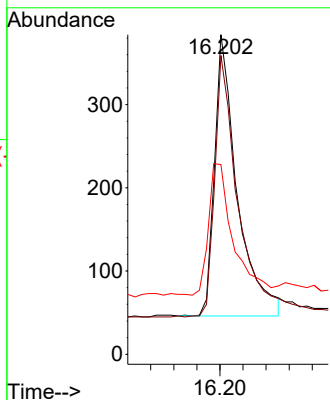
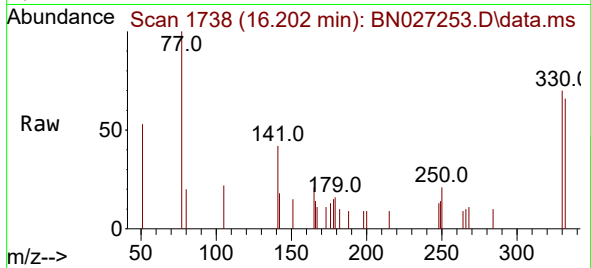




#14
2,4,6-Tribromophenol
Concen: 0.492 ng
RT: 16.202 min Scan# 11
Delta R.T. 0.012 min
Lab File: BN027253.D
Acq: 29 Aug 2023 23:34

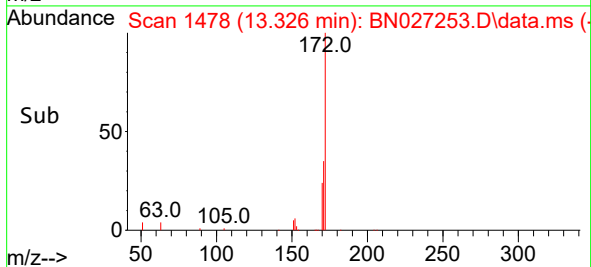
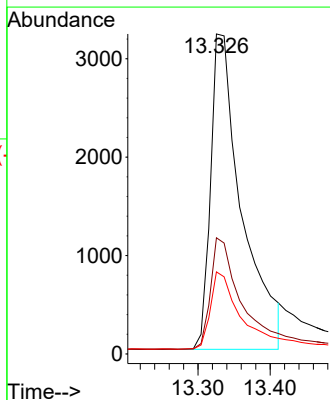
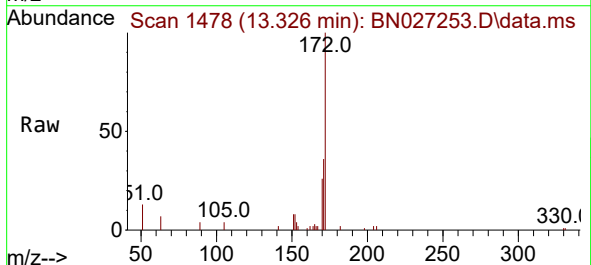
Instrument :
BNA_N
ClientSampleId :
RE131D3-20230821

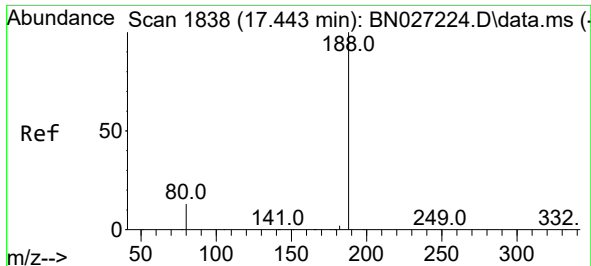
Tgt Ion:330 Resp: 923
Ion Ratio Lower Upper
330 100
332 94.4 75.2 112.8
141 49.8 36.2 54.4



#15
2-Fluorobiphenyl
Concen: 0.500 ng
RT: 13.326 min Scan# 1478
Delta R.T. 0.000 min
Lab File: BN027253.D
Acq: 29 Aug 2023 23:34

Tgt Ion:172 Resp: 9643
Ion Ratio Lower Upper
172 100
171 36.3 27.8 41.8
170 25.6 19.3 28.9





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.455 min Scan# 1839

Delta R.T. 0.012 min

Lab File: BN027253.D

Acq: 29 Aug 2023 23:34

Instrument :

BNA_N

ClientSampleId :

RE131D3-20230821

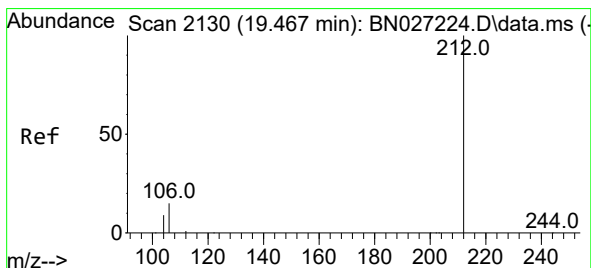
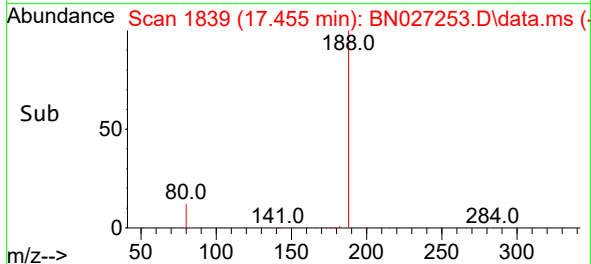
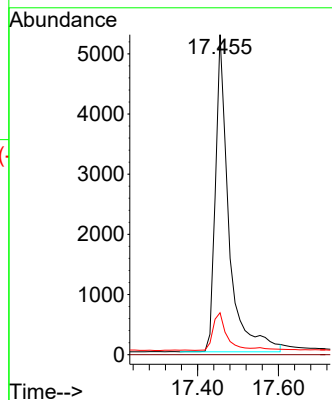
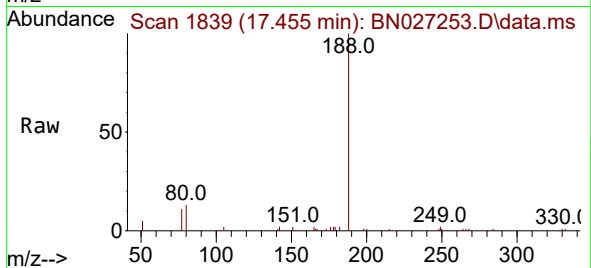
Tgt Ion:188 Resp: 12164

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.1 11.0 16.6



#27

Fluoranthene-d10

Concen: 0.620 ng

RT: 19.472 min Scan# 2131

Delta R.T. 0.005 min

Lab File: BN027253.D

Acq: 29 Aug 2023 23:34

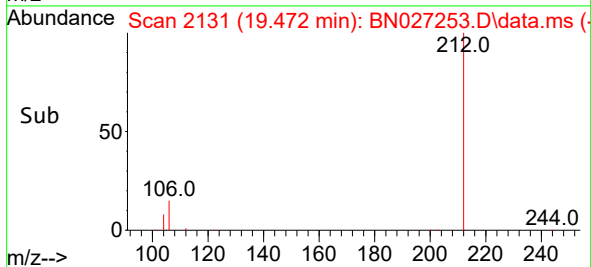
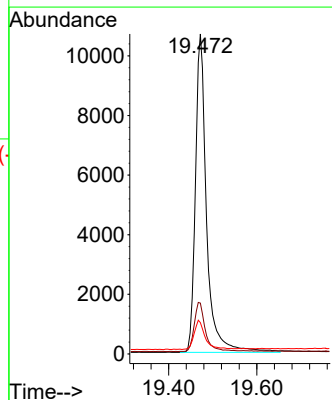
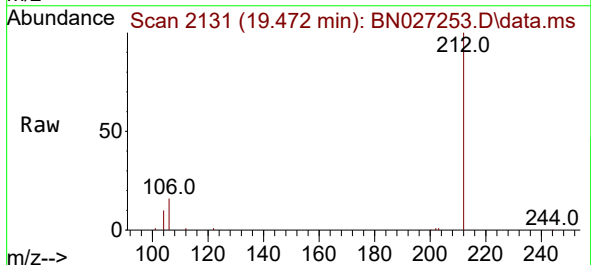
Tgt Ion:212 Resp: 18756

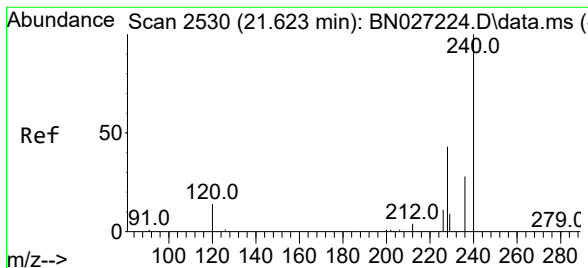
Ion Ratio Lower Upper

212 100

106 15.5 12.1 18.1

104 8.9 6.9 10.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.632 min Scan# 21

Delta R.T. 0.009 min

Lab File: BN027253.D

Acq: 29 Aug 2023 23:34

Instrument :

BNA_N

ClientSampleId :

RE131D3-20230821

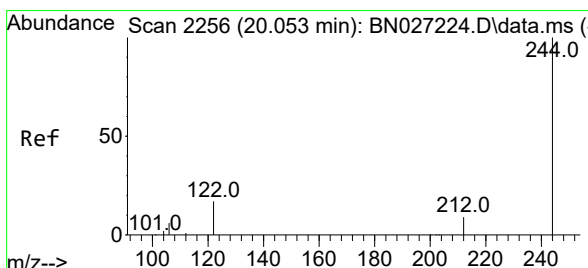
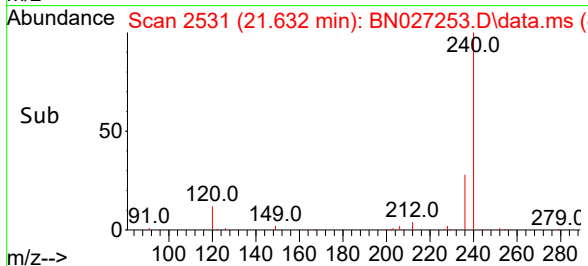
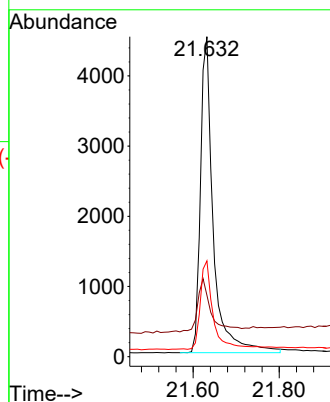
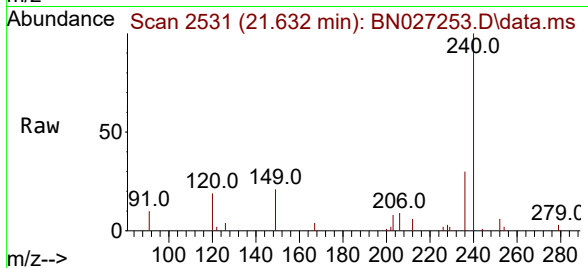
Tgt Ion:240 Resp: 9314

Ion Ratio Lower Upper

240 100

120 19.2 14.2 21.4

236 30.0 22.9 34.3



#31

Terphenyl-d14

Concen: 0.713 ng

RT: 20.057 min Scan# 2257

Delta R.T. 0.005 min

Lab File: BN027253.D

Acq: 29 Aug 2023 23:34

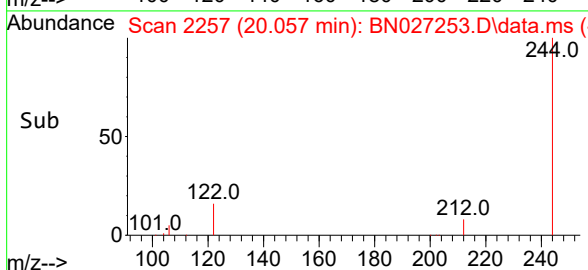
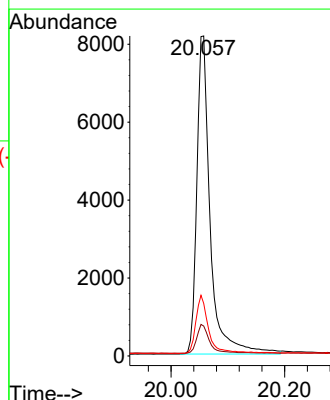
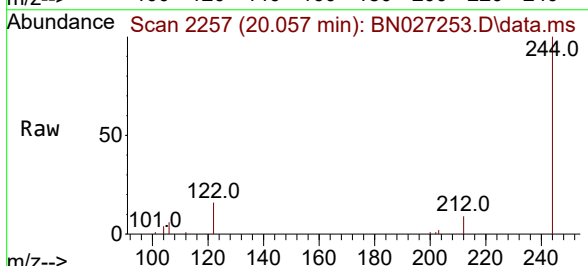
Tgt Ion:244 Resp: 13338

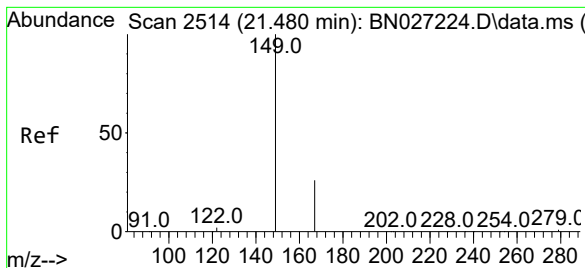
Ion Ratio Lower Upper

244 100

212 9.4 7.5 11.3

122 16.4 14.0 21.0

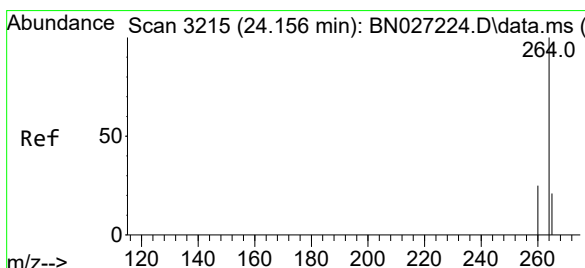
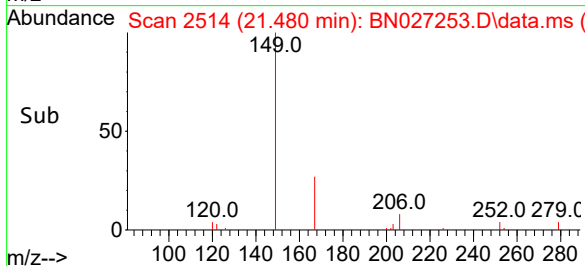
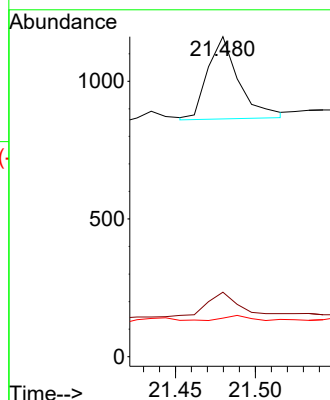
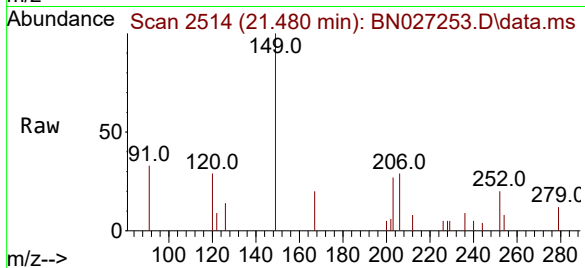




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.026 ng
RT: 21.480 min Scan# 2148
Delta R.T. 0.000 min
Lab File: BN027253.D
Acq: 29 Aug 2023 23:34

Instrument :
BNA_N
ClientSampleId :
RE131D3-20230821

Tgt Ion:149 Resp: 407
Ion Ratio Lower Upper
149 100
167 37.1 22.1 33.1#
279 7.1 2.7 4.1#



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.159 min Scan# 3216
Delta R.T. 0.003 min
Lab File: BN027253.D
Acq: 29 Aug 2023 23:34

Tgt Ion:264 Resp: 8134
Ion Ratio Lower Upper
264 100
260 28.1 20.7 31.1
265 115.4 53.3 79.9#

