

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082523\
 Data File : BN027164.D
 Acq On : 26 Aug 2023 21:30
 Operator : MA/JU
 Sample : 04095-16
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D1-20230818

Quant Time: Aug 26 22:36:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 26 02:13:59 2023
 Response via : Initial Calibration

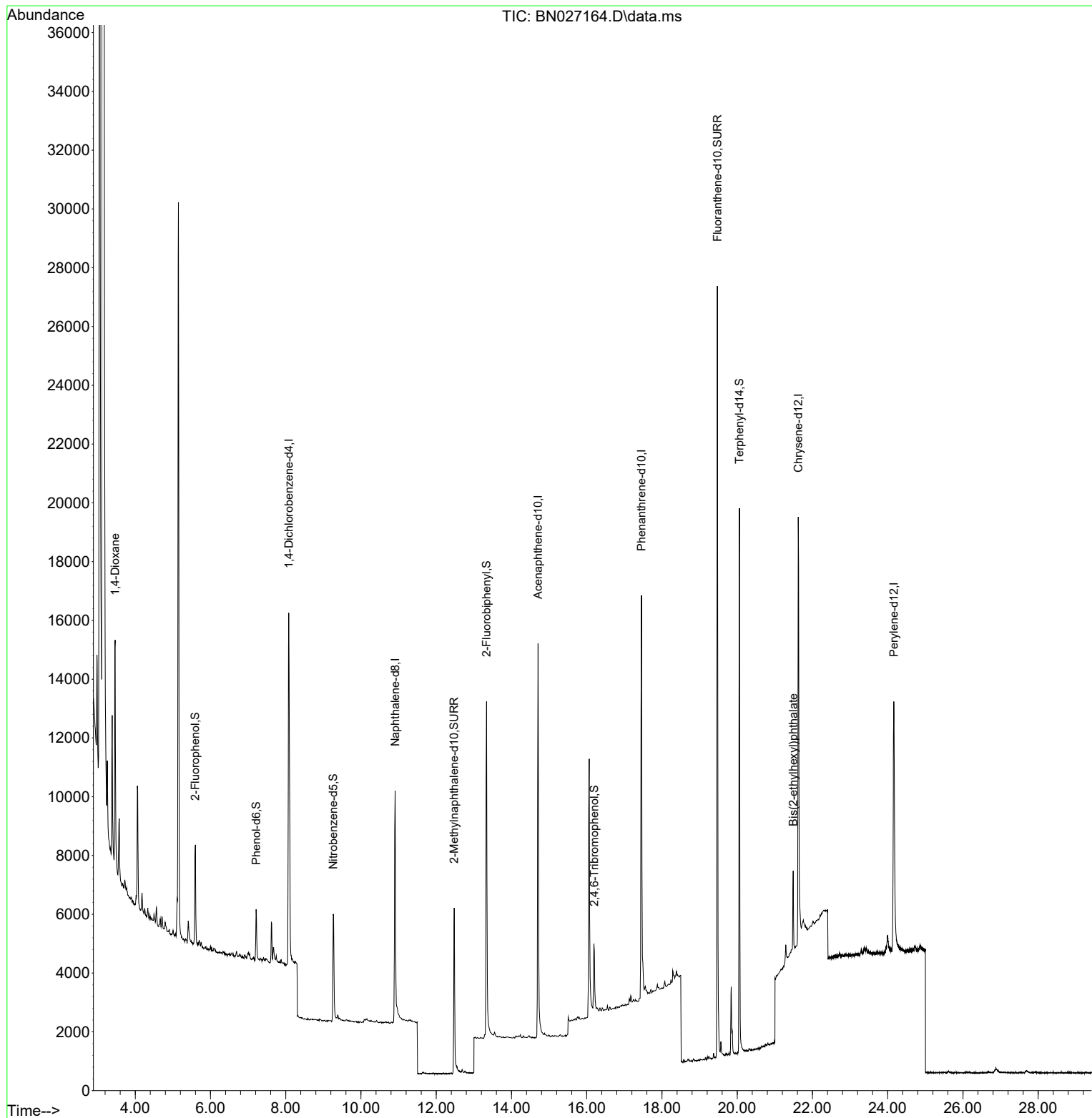
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	5823	0.400	ng	0.00
7) Naphthalene-d8	10.906	136	12943	0.400	ng	0.00
13) Acenaphthene-d10	14.705	164	8796	0.400	ng	0.00
19) Phenanthrene-d10	17.455	188	20872	0.400	ng	0.00
29) Chrysene-d12	21.623	240	16675	0.400	ng	# 0.00
35) Perylene-d12	24.162	264	15321	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.596	112	2834	0.173	ng	0.00
5) Phenol-d6	7.214	99	1823	0.090	ng	0.00
8) Nitrobenzene-d5	9.262	82	3628	0.332	ng	-0.01
11) 2-Methylnaphthalene-d10	12.476	152	9057	0.440	ng	0.00
14) 2,4,6-Tribromophenol	16.202	330	1644	0.351	ng	0.00
15) 2-Fluorobiphenyl	13.336	172	11784	0.361	ng	0.00
27) Fluoranthene-d10	19.472	212	29572	0.552	ng	0.00
31) Terphenyl-d14	20.057	244	18686	0.536	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.466	88	5763	0.920	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.489	149	2926	0.068	ng	# 96

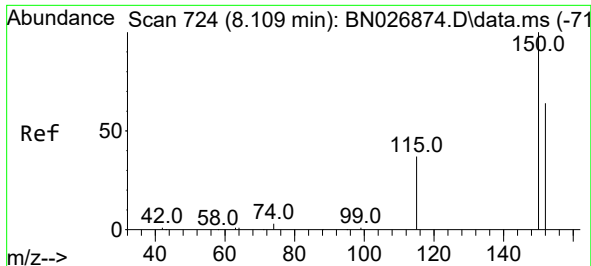
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BN027164.D
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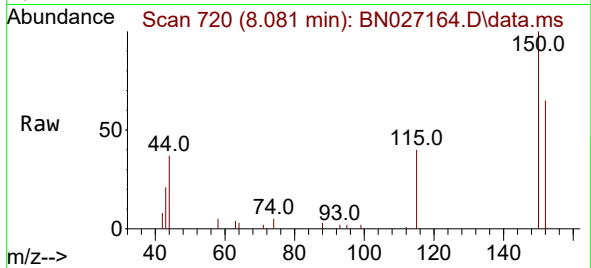
Quant Time: Aug 26 22:36:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 26 02:13:59 2023
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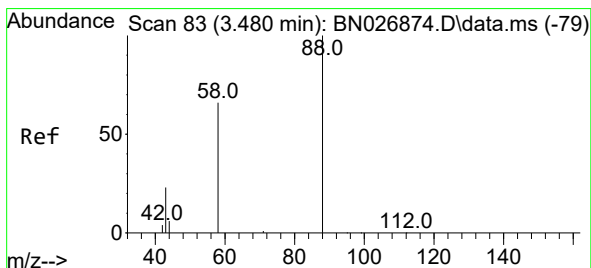
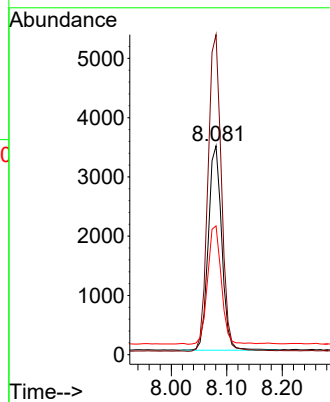
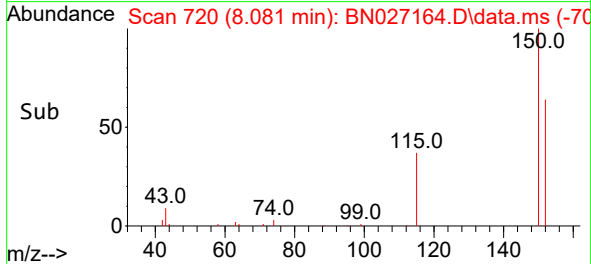


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.081 min Scan# 71
Delta R.T. -0.007 min
Lab File: BN027164.D
Acq: 26 Aug 2023 21:30

Instrument :
BNA_N
ClientSampleId :
RE134D1-20230818

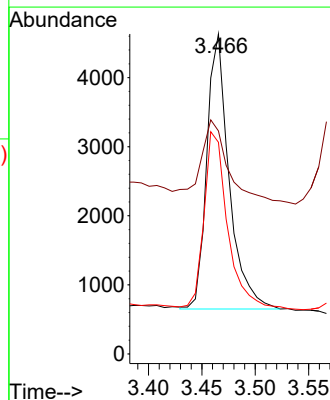
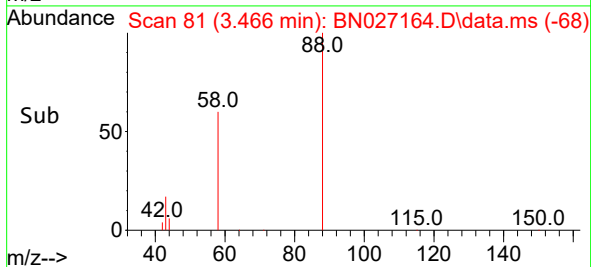
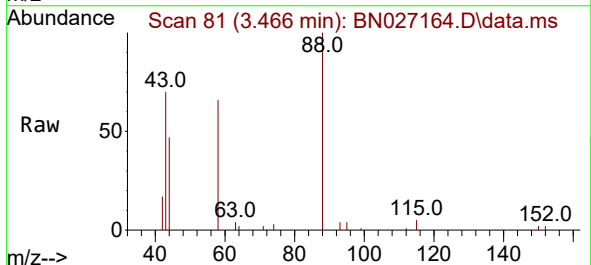


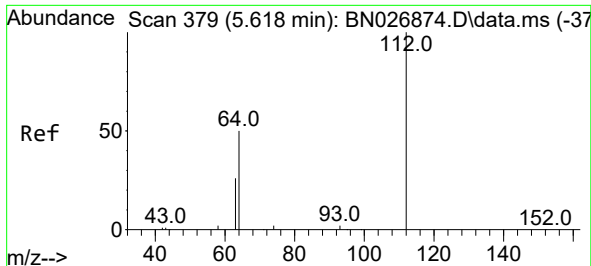
Tgt Ion:152 Resp: 5823
Ion Ratio Lower Upper
152 100
150 153.2 123.8 185.6
115 61.7 49.7 74.5



#2
1,4-Dioxane
Concen: 0.920 ng
RT: 3.466 min Scan# 81
Delta R.T. -0.007 min
Lab File: BN027164.D
Acq: 26 Aug 2023 21:30

Tgt Ion: 88 Resp: 5763
Ion Ratio Lower Upper
88 100
43 34.1 19.2 28.8#
58 65.7 54.5 81.7

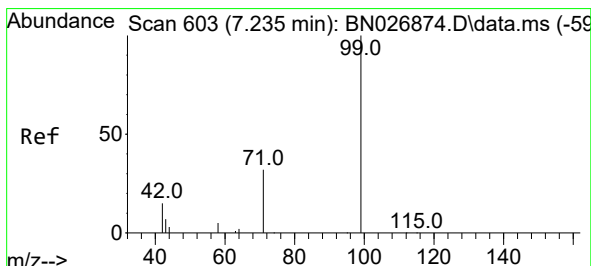
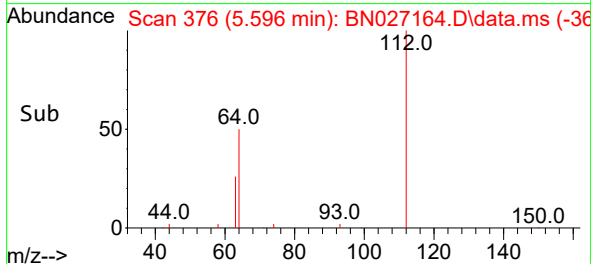
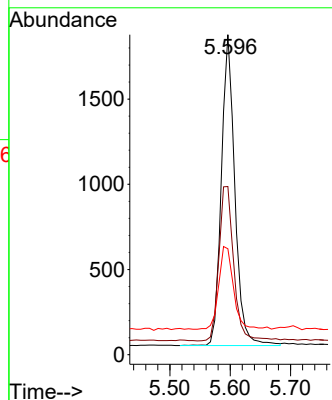
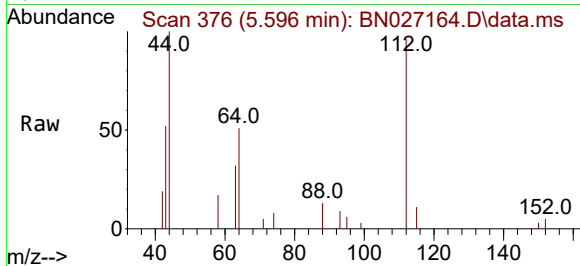




#4
2-Fluorophenol
Concen: 0.173 ng
RT: 5.596 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN027164.D
Acq: 26 Aug 2023 21:30

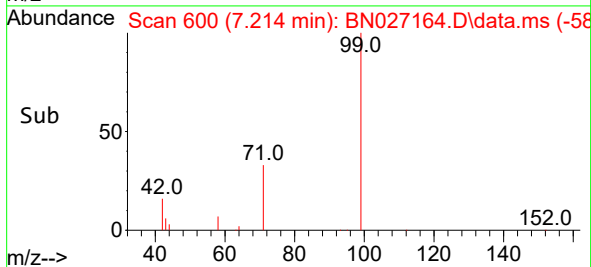
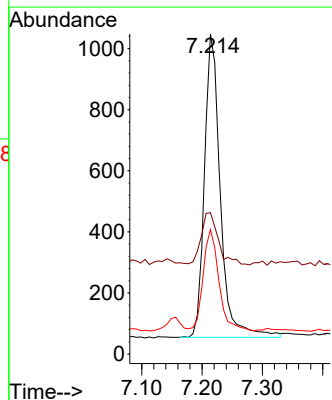
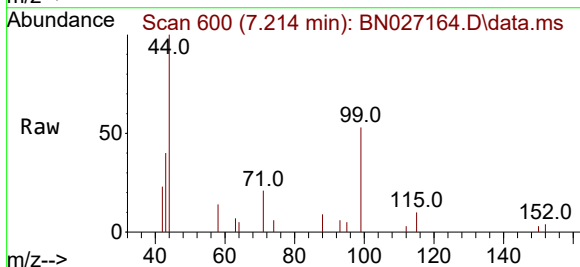
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BNA_N
ClientSampleId :
RE134D1-20230818

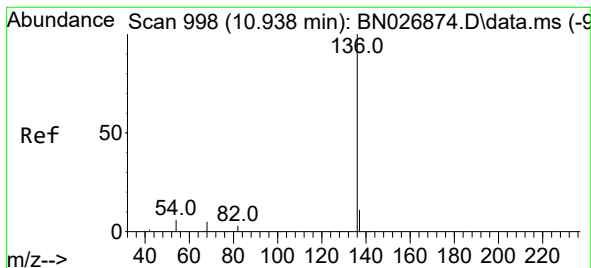
Tgt Ion:112 Resp: 2834
Ion Ratio Lower Upper
112 100
64 55.3 41.5 62.3
63 29.1 21.7 32.5



#5
Phenol-d6
Concen: 0.090 ng
RT: 7.214 min Scan# 600
Delta R.T. -0.007 min
Lab File: BN027164.D
Acq: 26 Aug 2023 21:30

Tgt Ion: 99 Resp: 1823
Ion Ratio Lower Upper
99 100
42 18.5 13.6 20.4
71 32.7 26.0 39.0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.906 min Scan# 99

Delta R.T. 0.000 min

Lab File: BN027164.D

Acq: 26 Aug 2023 21:30

Instrument :

BNA_N

ClientSampleId :

RE134D1-20230818

Tgt Ion:136 Resp: 12943

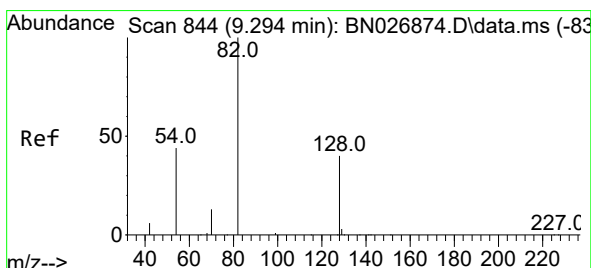
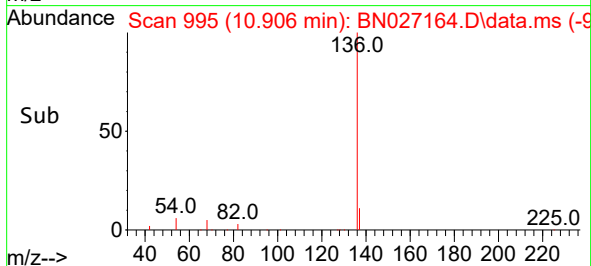
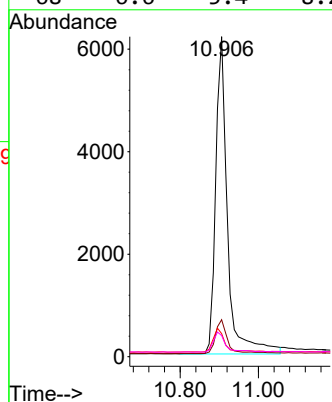
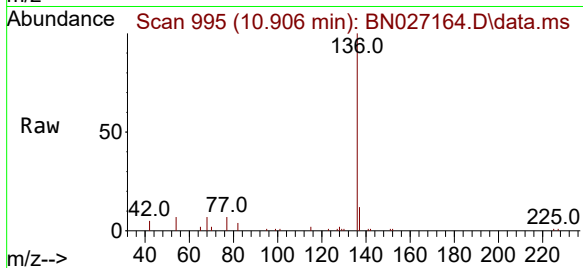
Ion Ratio Lower Upper

136 100

137 11.5 9.0 13.6

54 7.2 5.5 8.3

68 6.6 5.4 8.2



#8

Nitrobenzene-d5

Concen: 0.332 ng

RT: 9.262 min Scan# 841

Delta R.T. -0.011 min

Lab File: BN027164.D

Acq: 26 Aug 2023 21:30

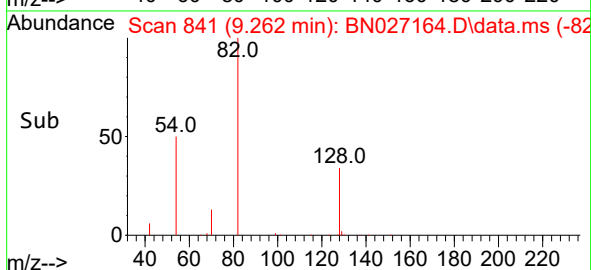
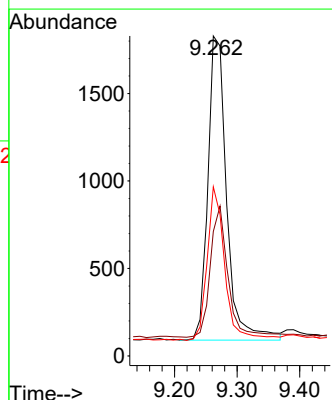
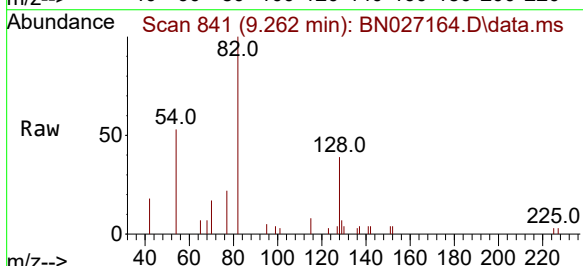
Tgt Ion: 82 Resp: 3628

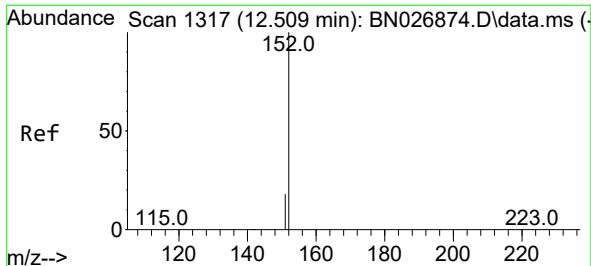
Ion Ratio Lower Upper

82 100

128 38.9 34.1 51.1

54 52.9 37.0 55.4

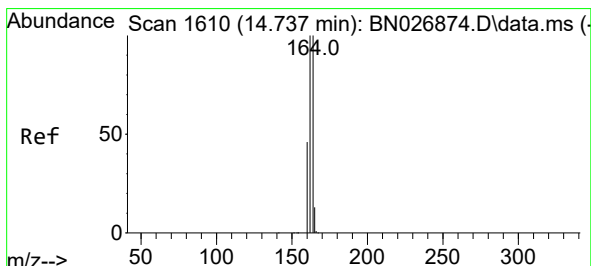
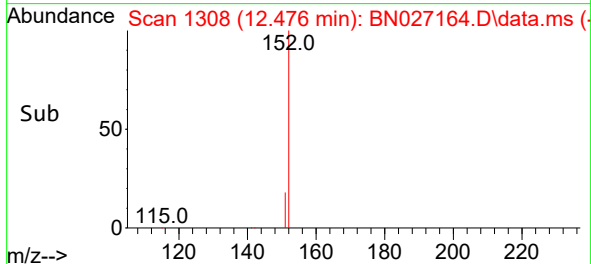
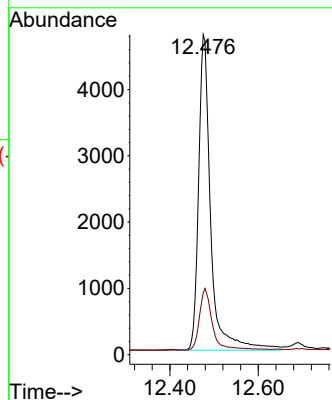
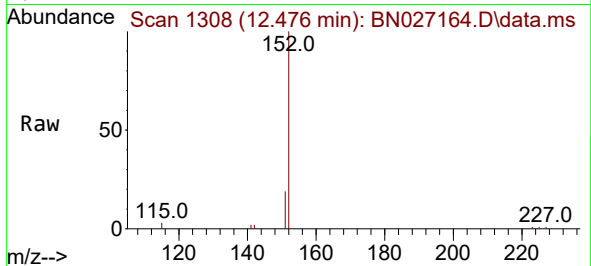




#11
2-Methylnaphthalene-d10
Concen: 0.440 ng
RT: 12.476 min Scan# 11
Delta R.T. -0.007 min
Lab File: BN027164.D
Acq: 26 Aug 2023 21:30

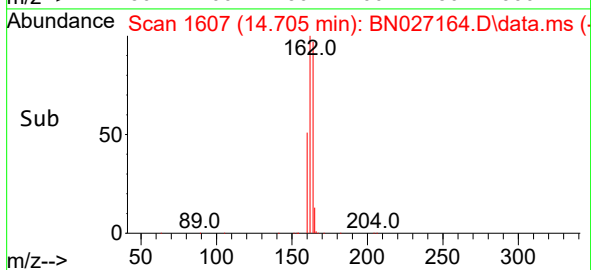
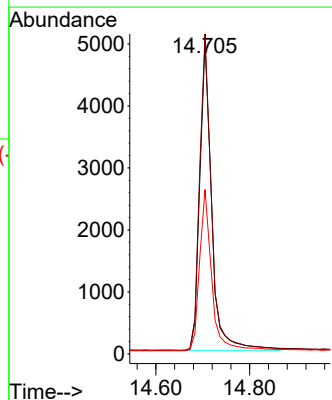
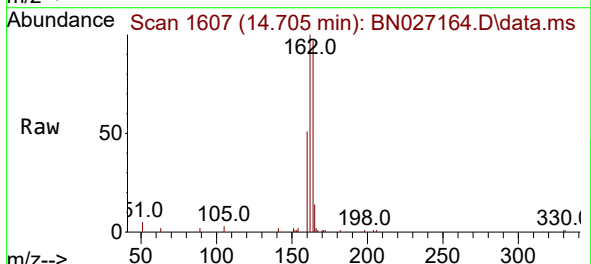
Instrument :
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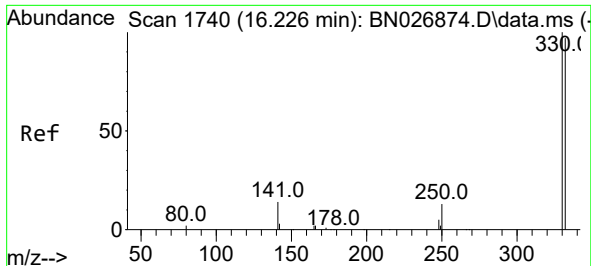
Tgt Ion:152 Resp: 9057
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.705 min Scan# 1607
Delta R.T. 0.000 min
Lab File: BN027164.D
Acq: 26 Aug 2023 21:30

Tgt Ion:164 Resp: 8796
Ion Ratio Lower Upper
164 100
162 102.6 79.7 119.5
160 52.7 37.4 56.0

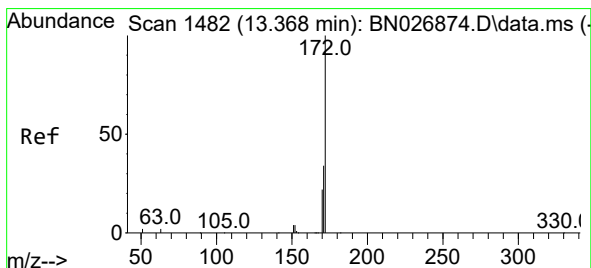
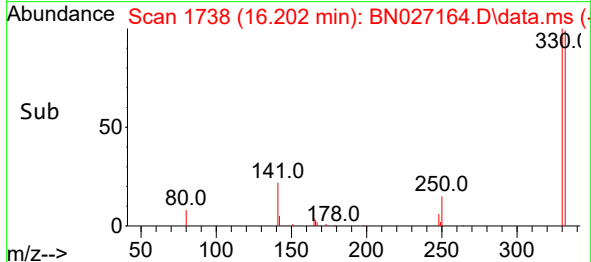
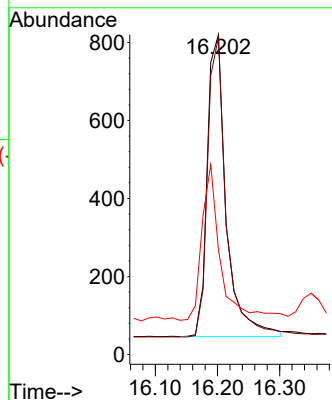
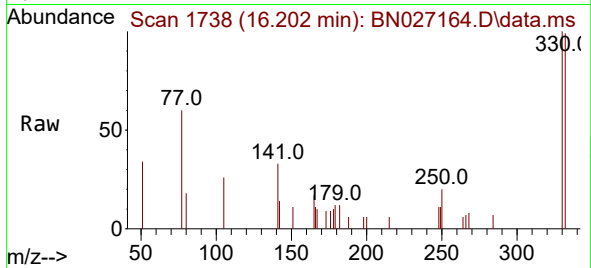




#14
2,4,6-Tribromophenol
Concen: 0.351 ng
RT: 16.202 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027164.D
Acq: 26 Aug 2023 21:30

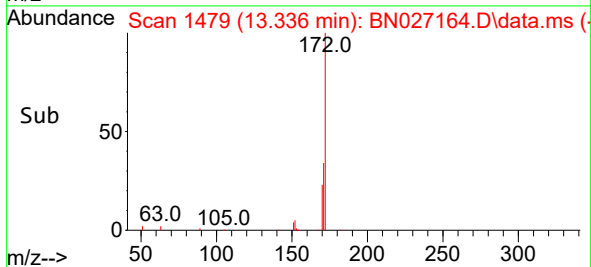
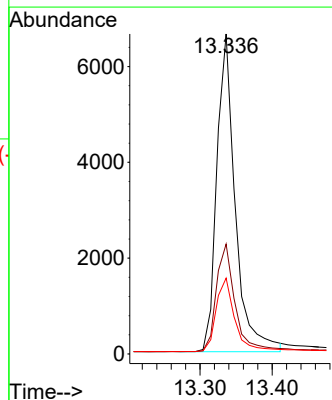
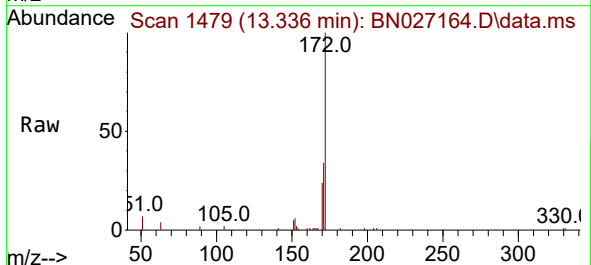
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BNA_N
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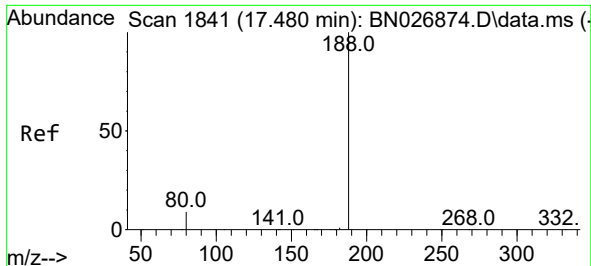
Tgt Ion:330 Resp: 1644
Ion Ratio Lower Upper
330 100
332 97.8 76.6 114.8
141 50.7 32.3 48.5#



#15
2-Fluorobiphenyl
Concen: 0.361 ng
RT: 13.336 min Scan# 1479
Delta R.T. 0.000 min
Lab File: BN027164.D
Acq: 26 Aug 2023 21:30

Tgt Ion:172 Resp: 11784
Ion Ratio Lower Upper
172 100
171 34.4 27.4 41.0
170 23.7 18.0 27.0

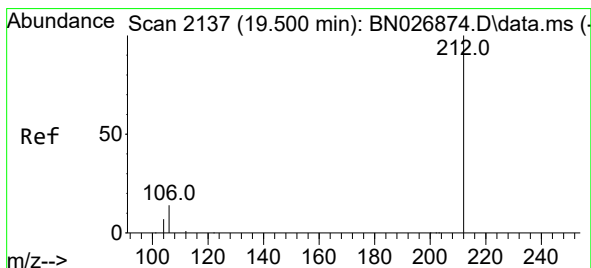
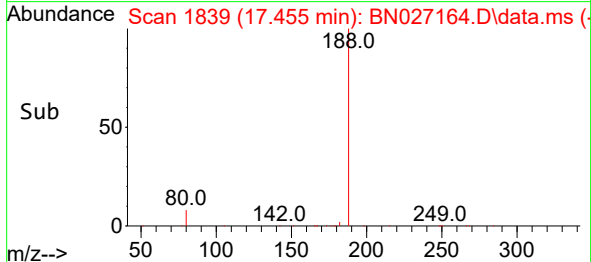
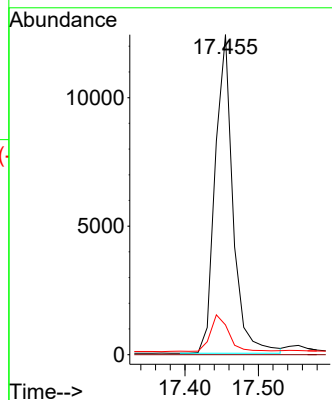
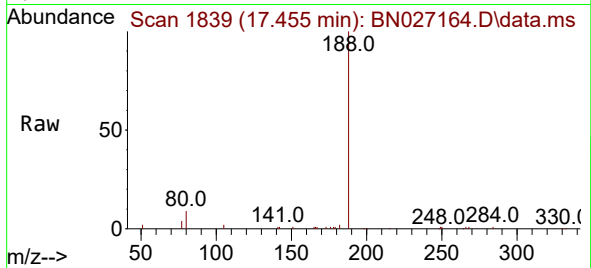




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.455 min Scan# 1839
Delta R.T. 0.000 min
Lab File: BN027164.D
Acq: 26 Aug 2023 21:30

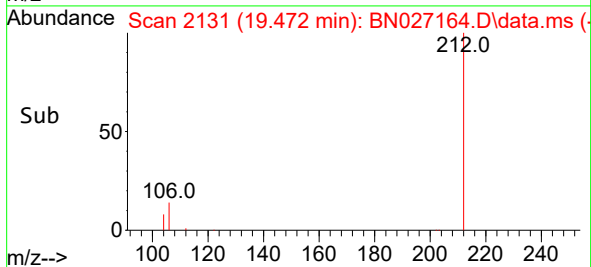
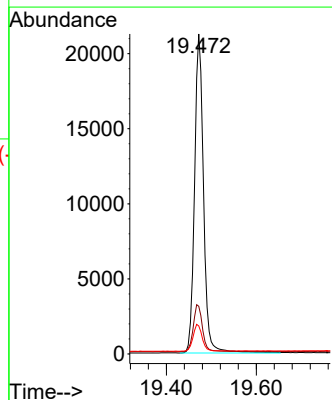
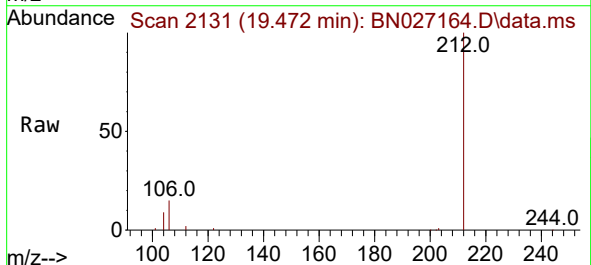
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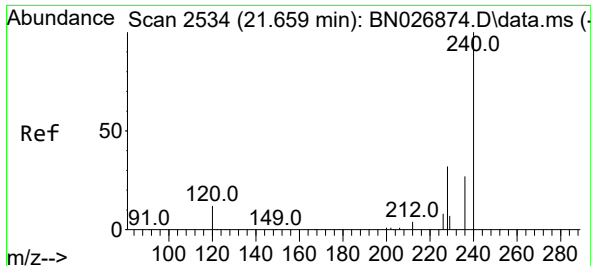
Tgt Ion:188 Resp: 20872
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.3 7.4 11.2



#27
Fluoranthene-d10
Concen: 0.552 ng
RT: 19.472 min Scan# 2131
Delta R.T. -0.005 min
Lab File: BN027164.D
Acq: 26 Aug 2023 21:30

Tgt Ion:212 Resp: 29572
Ion Ratio Lower Upper
212 100
106 15.1 10.9 16.3
104 8.5 5.9 8.9

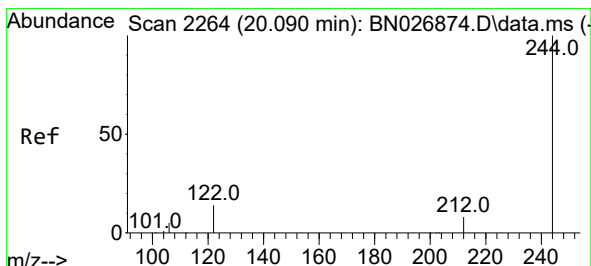
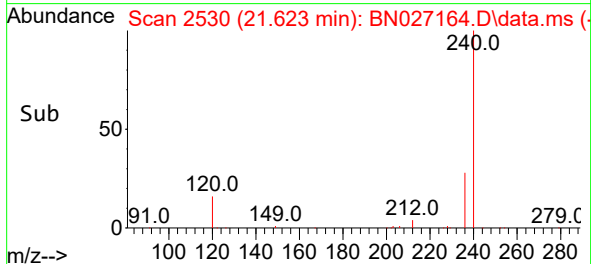
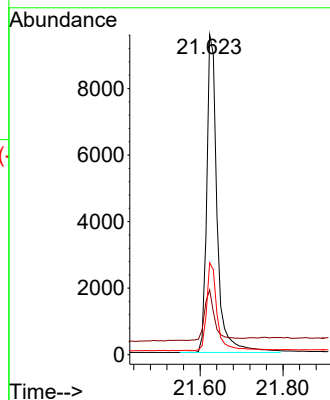
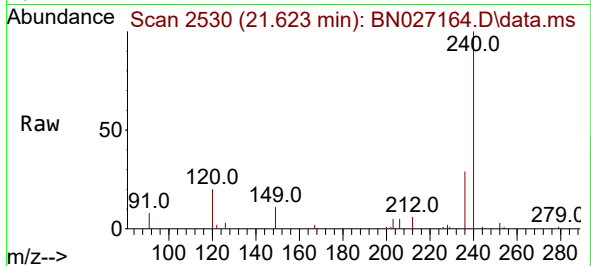




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.623 min Scan# 2162
Delta R.T. -0.009 min
Lab File: BN027164.D
Acq: 26 Aug 2023 21:30

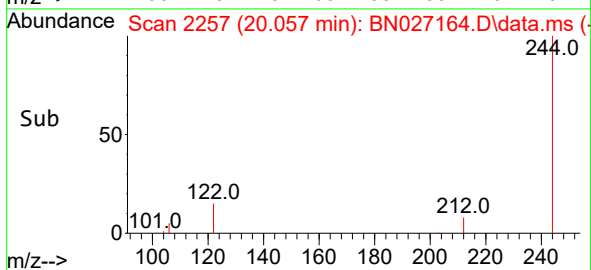
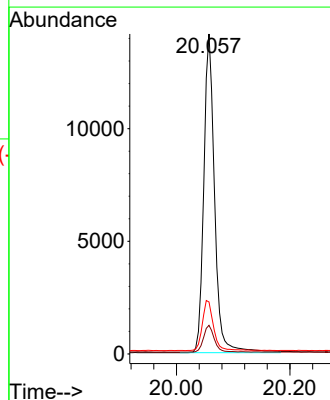
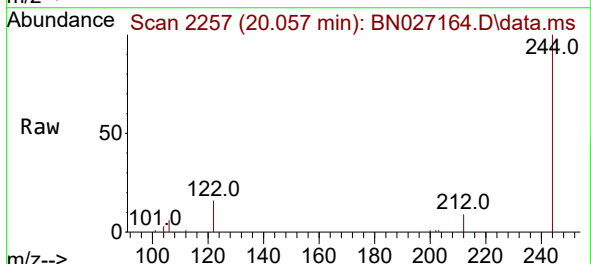
Instrument :
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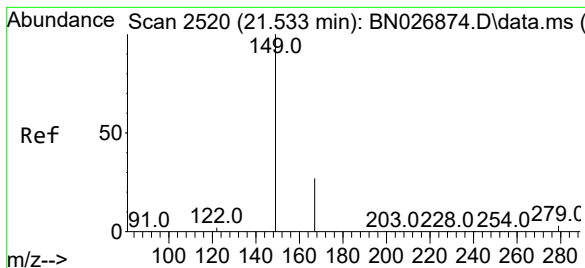
Tgt Ion:240 Resp: 16675
Ion Ratio Lower Upper
240 100
120 20.2 11.1 16.7#
236 28.7 22.2 33.2



#31
Terphenyl-d14
Concen: 0.536 ng
RT: 20.057 min Scan# 2257
Delta R.T. -0.005 min
Lab File: BN027164.D
Acq: 26 Aug 2023 21:30

Tgt Ion:244 Resp: 18686
Ion Ratio Lower Upper
244 100
212 9.0 6.9 10.3
122 16.2 11.9 17.9

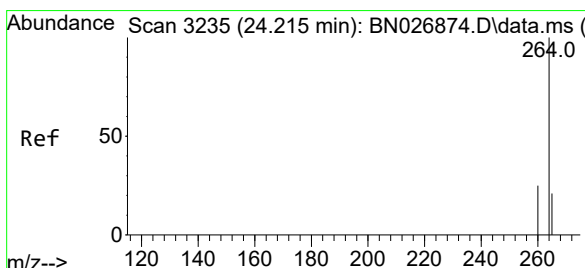
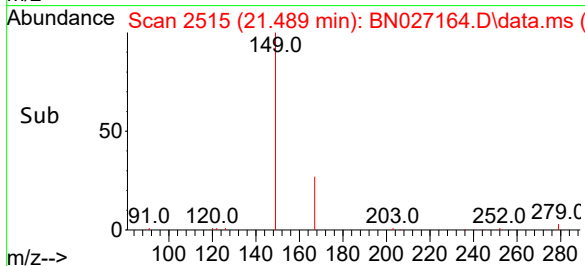
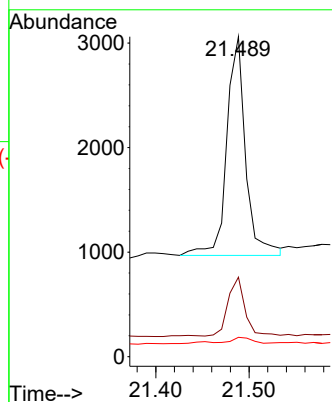
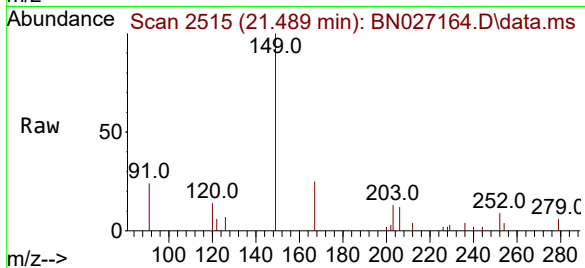




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.068 ng
 RT: 21.489 min Scan# 2149
 Delta R.T. -0.009 min
 Lab File: BN027164.D
 Acq: 26 Aug 2023 21:30

Instrument :
 BNA_N
 ClientSampleId :
 RE134D1-20230818

Tgt Ion:149 Resp: 2926
 Ion Ratio Lower Upper
 149 100
 167 24.6 21.4 32.0
 279 2.6 3.6 5.4#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.162 min Scan# 3217
 Delta R.T. -0.009 min
 Lab File: BN027164.D
 Acq: 26 Aug 2023 21:30

Tgt Ion:264 Resp: 15321
 Ion Ratio Lower Upper
 264 100
 260 25.7 20.4 30.6
 265 68.9 27.0 40.6#

