

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083023\
 Data File : BN027301.D
 Acq On : 31 Aug 2023 09:35
 Operator : MA/JU
 Sample : 04126-16RE
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D3-20230821RE

Quant Time: Sep 01 03:46:40 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)

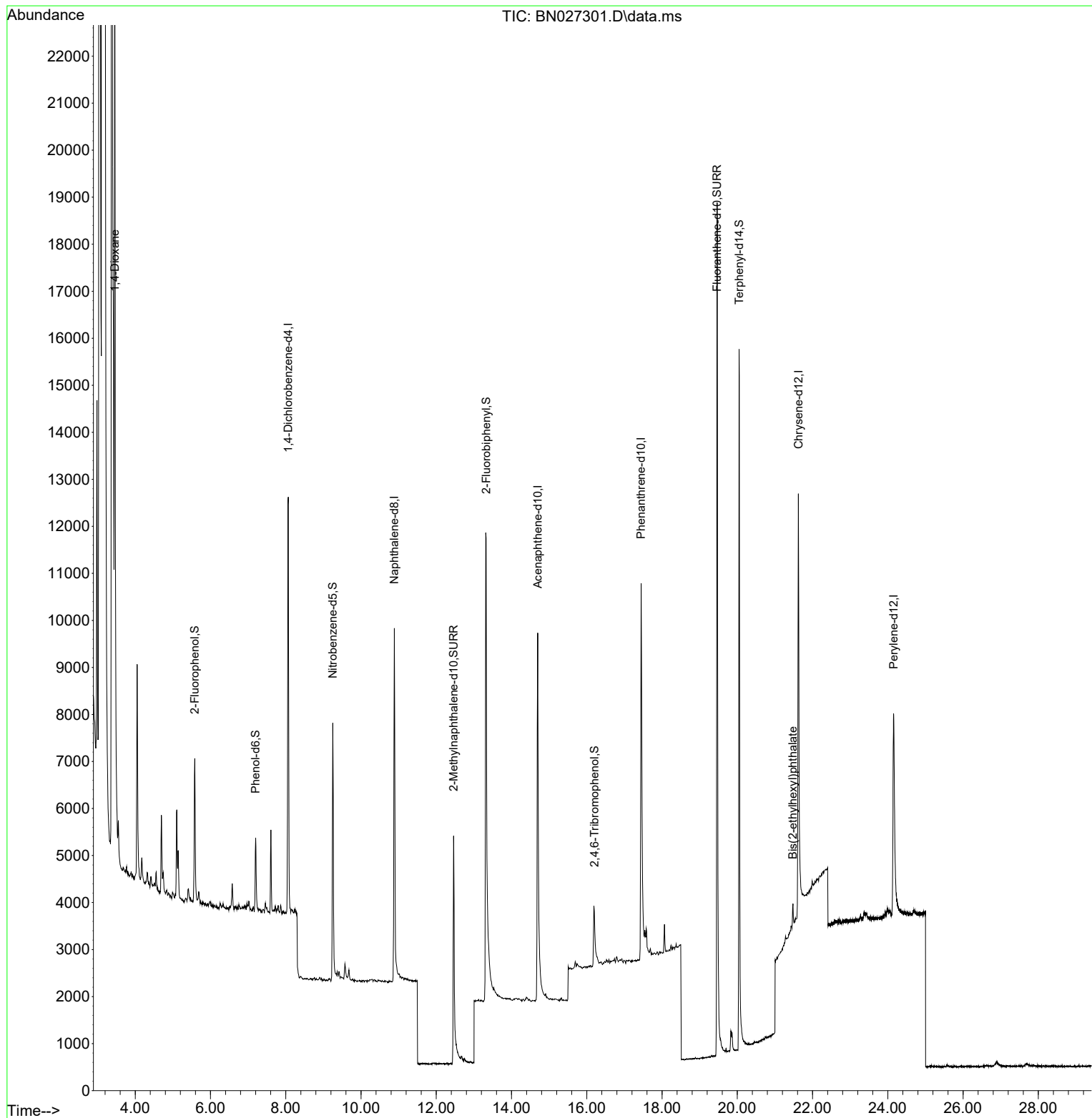
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.066	152	4712	0.400	ng	0.00
7) Naphthalene-d8	10.885	136	11544	0.400	ng	-0.01
13) Acenaphthene-d10	14.694	164	6922	0.400	ng	0.00
19) Phenanthrene-d10	17.443	188	16733	0.400	ng	0.00
29) Chrysene-d12	21.623	240	11573	0.400	ng	0.00
35) Perylene-d12	24.154	264	9440	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.582	112	2769	0.225	ng	0.00
5) Phenol-d6	7.199	99	1765	0.118	ng	0.00
8) Nitrobenzene-d5	9.251	82	4995	0.594	ng	-0.01
11) 2-Methylnaphthalene-d10	12.461	152	9473	0.559	ng	-0.01
14) 2,4,6-Tribromophenol	16.202	330	1194	0.466	ng	0.01
15) 2-Fluorobiphenyl	13.326	172	14059	0.534	ng	0.00
27) Fluoranthene-d10	19.463	212	25384	0.610	ng	0.00
31) Terphenyl-d14	20.048	244	17748	0.763	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.458	88	14408	2.505	ng	93
34) Bis(2-ethylhexyl)phtha...	21.480	149	575	0.030	ng	# 91

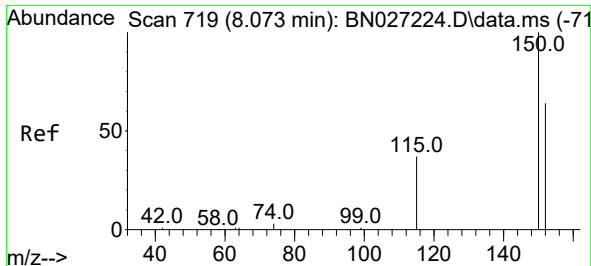
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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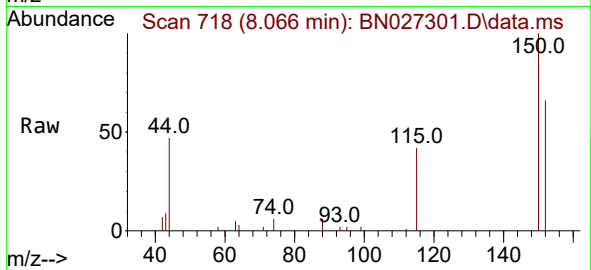
Quant Time: Sep 01 03:46:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 29 05:37:30 2023
Response via : Initial Calibration



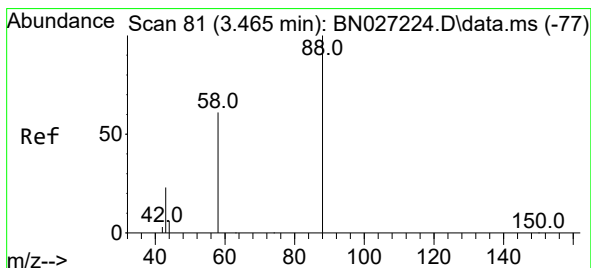
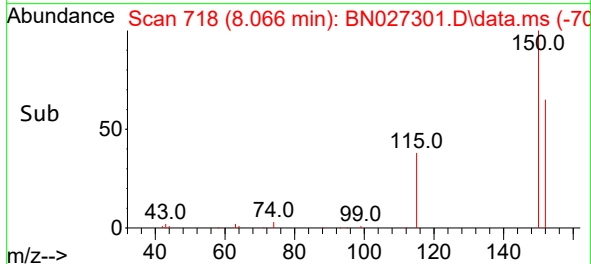
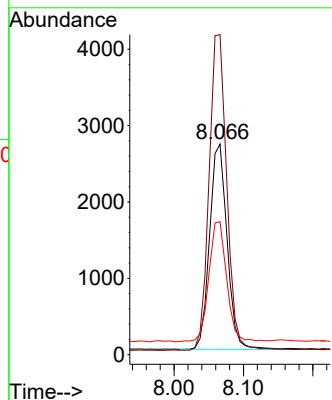


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.066 min Scan# 71
Delta R.T. -0.007 min
Lab File: BN027301.D
Acq: 31 Aug 2023 09:35

Instrument :
BNA_N
ClientSampleId :
RE131D3-20230821RE

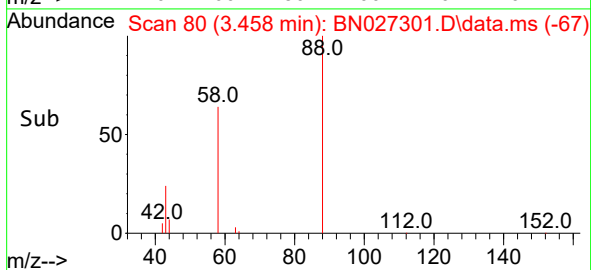
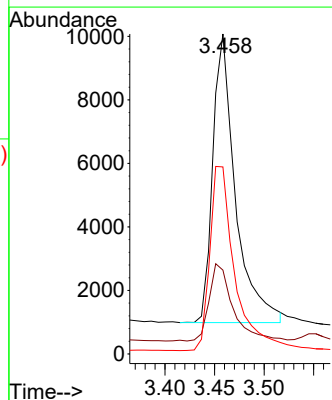
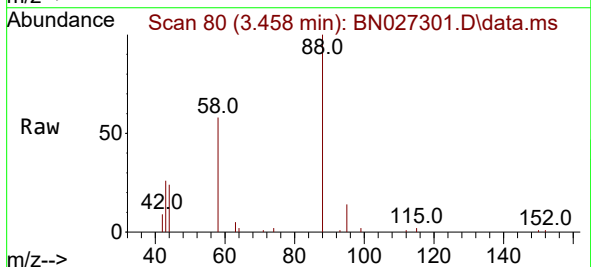


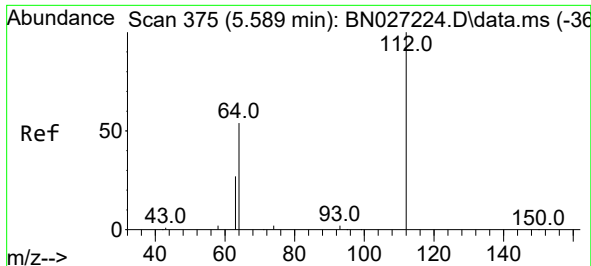
Tgt Ion:152 Resp: 4712
Ion Ratio Lower Upper
152 100
150 152.0 122.7 184.1
115 63.2 48.6 73.0



#2
1,4-Dioxane
Concen: 2.505 ng
RT: 3.458 min Scan# 80
Delta R.T. -0.007 min
Lab File: BN027301.D
Acq: 31 Aug 2023 09:35

Tgt Ion: 88 Resp: 14408
Ion Ratio Lower Upper
88 100
43 28.3 19.1 28.7
58 69.8 52.2 78.2

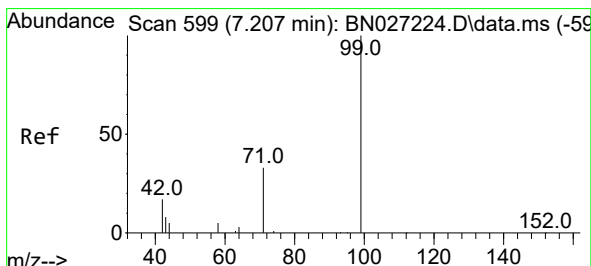
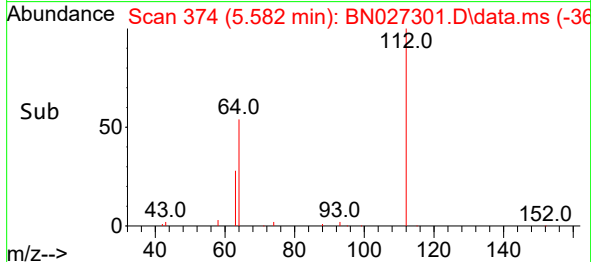
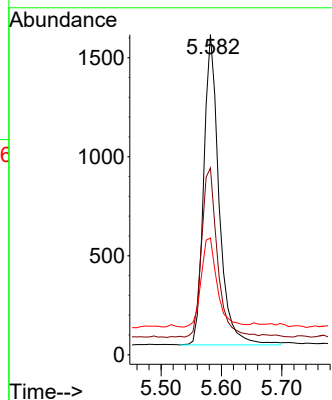
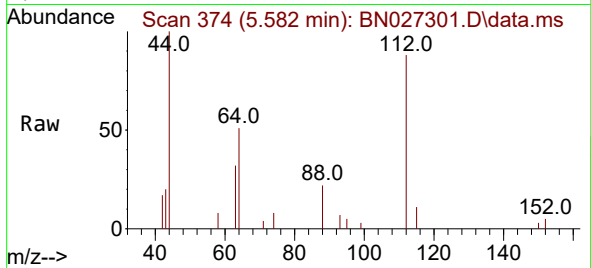




#4
2-Fluorophenol
Concen: 0.225 ng
RT: 5.582 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN027301.D
Acq: 31 Aug 2023 09:35

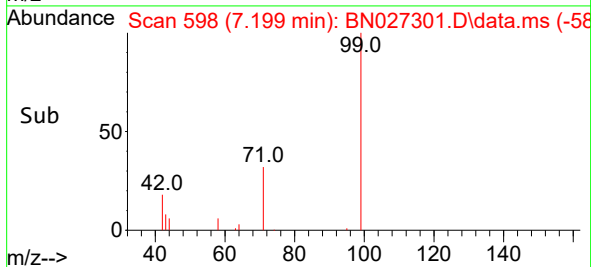
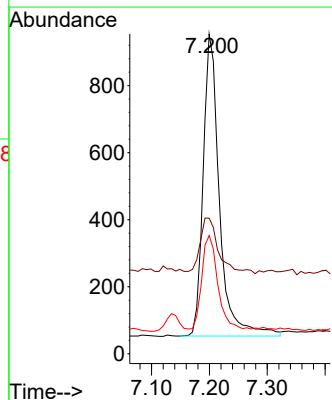
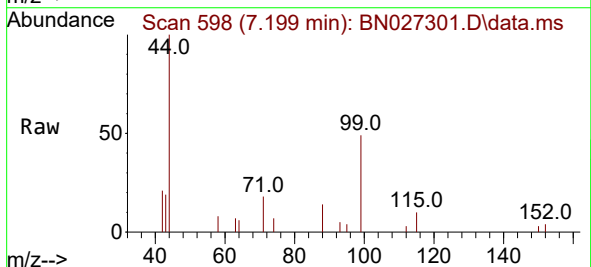
Instrument :
BNA_N
ClientSampleId :
RE131D3-20230821RE

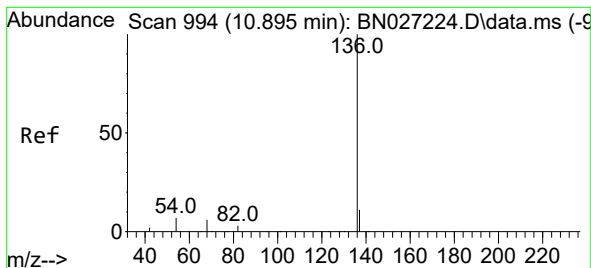
Tgt Ion:112 Resp: 2769
Ion Ratio Lower Upper
112 100
64 56.9 44.4 66.6
63 29.9 23.1 34.7



#5
Phenol-d6
Concen: 0.118 ng
RT: 7.199 min Scan# 598
Delta R.T. -0.007 min
Lab File: BN027301.D
Acq: 31 Aug 2023 09:35

Tgt Ion: 99 Resp: 1765
Ion Ratio Lower Upper
99 100
42 21.0 14.5 21.7
71 30.3 25.8 38.6





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.885 min Scan# 91

Delta R.T. -0.011 min

Lab File: BN027301.D

Acq: 31 Aug 2023 09:35

Instrument :

BNA_N

ClientSampleId :

RE131D3-20230821RE

Tgt Ion:136 Resp: 11544

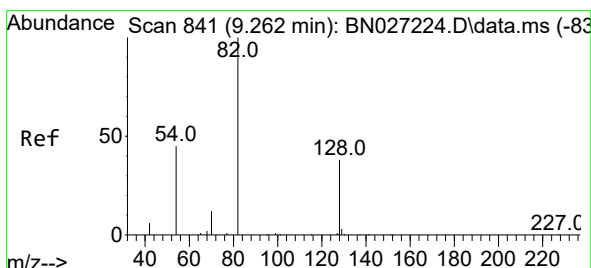
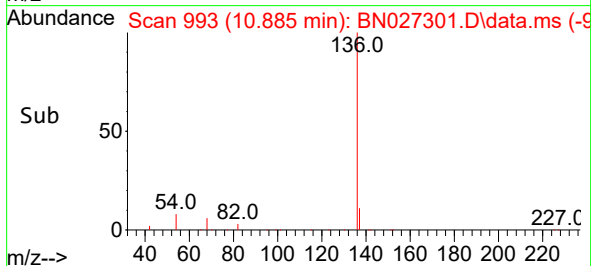
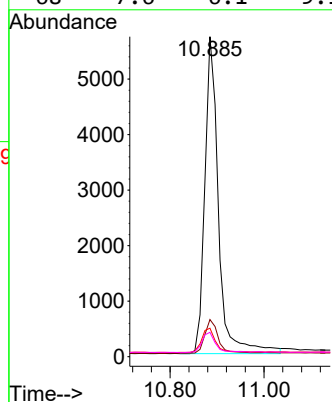
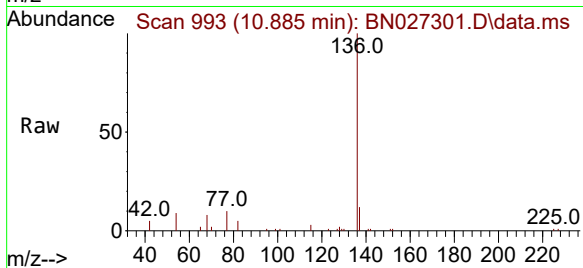
Ion Ratio Lower Upper

136 100

137 11.6 9.3 13.9

54 8.9 6.7 10.1

68 7.6 6.1 9.1



#8

Nitrobenzene-d5

Concen: 0.594 ng

RT: 9.251 min Scan# 840

Delta R.T. -0.011 min

Lab File: BN027301.D

Acq: 31 Aug 2023 09:35

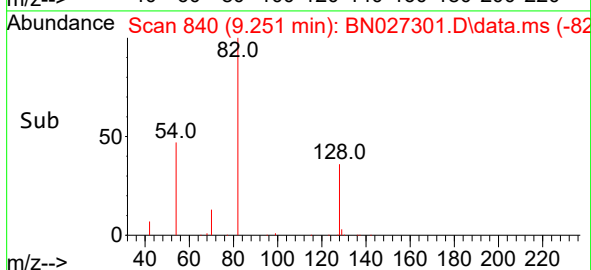
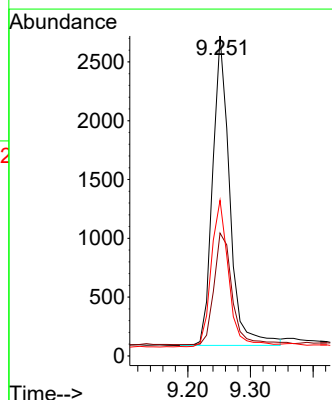
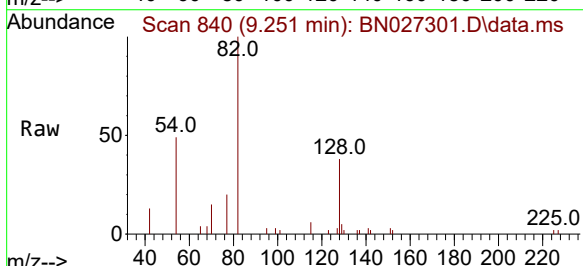
Tgt Ion: 82 Resp: 4995

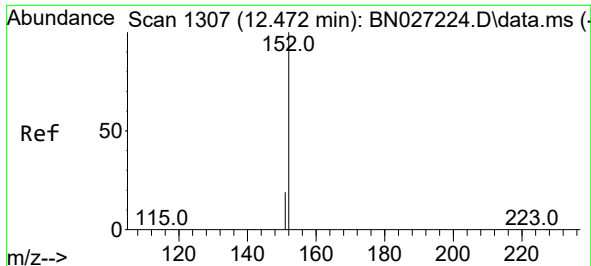
Ion Ratio Lower Upper

82 100

128 38.4 33.4 50.0

54 48.7 37.7 56.5

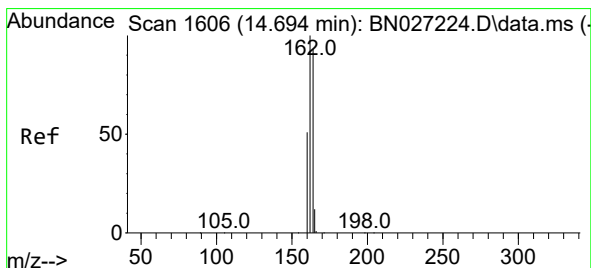
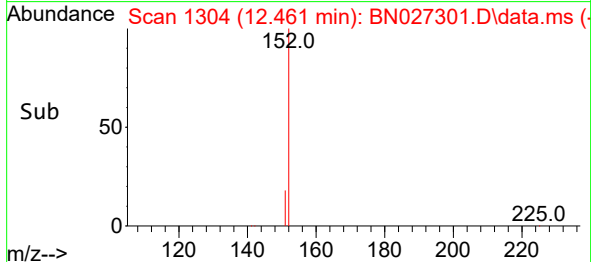
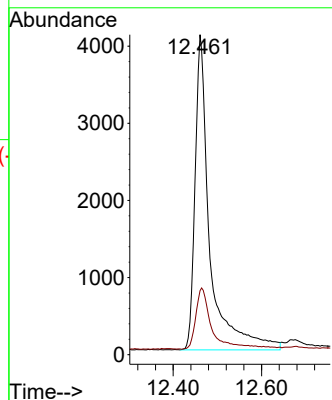
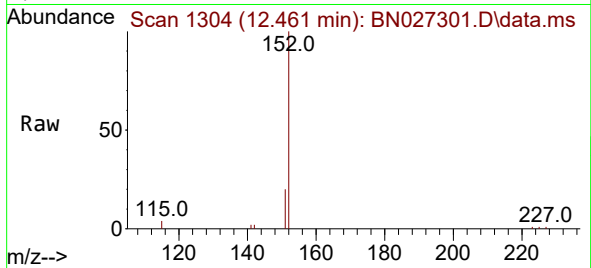




#11
2-Methylnaphthalene-d10
Concen: 0.559 ng
RT: 12.461 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN027301.D
Acq: 31 Aug 2023 09:35

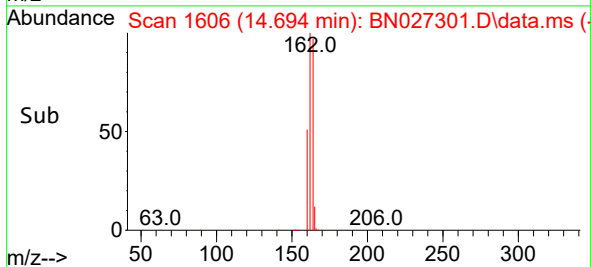
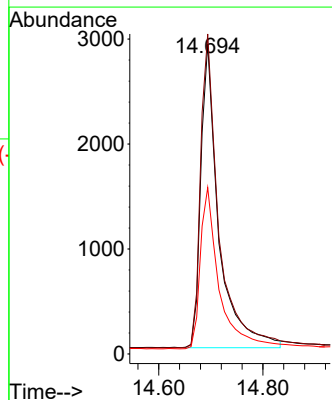
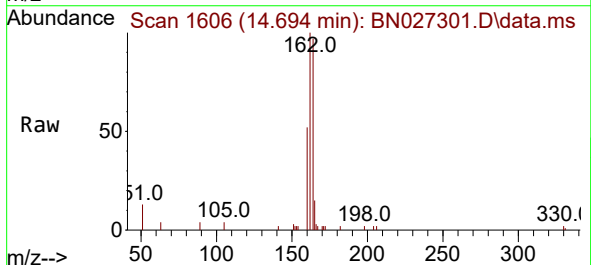
Instrument :
BNA_N
ClientSampleId :
RE131D3-20230821RE

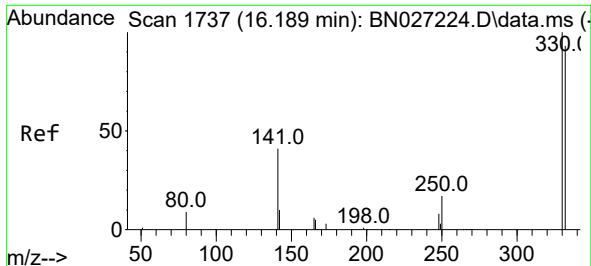
Tgt Ion:152 Resp: 9473
Ion Ratio Lower Upper
152 100
151 21.0 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.694 min Scan# 1606
Delta R.T. 0.000 min
Lab File: BN027301.D
Acq: 31 Aug 2023 09:35

Tgt Ion:164 Resp: 6922
Ion Ratio Lower Upper
164 100
162 103.2 85.8 128.8
160 53.7 44.2 66.2

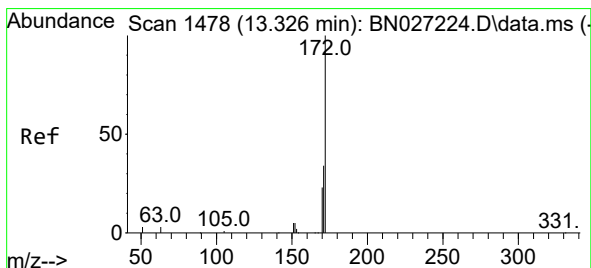
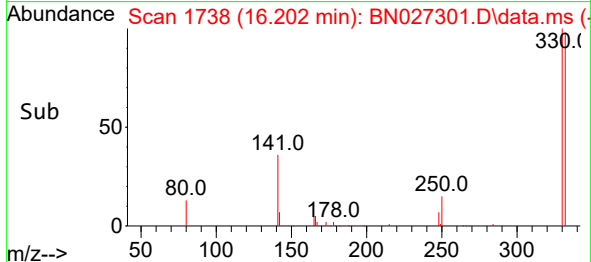
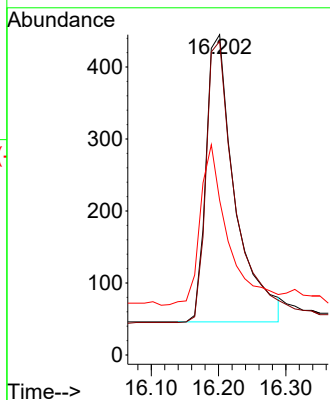
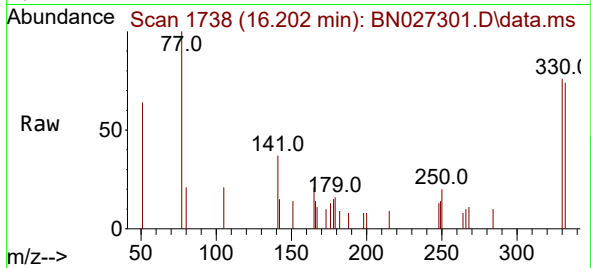




#14
2,4,6-Tribromophenol
Concen: 0.466 ng
RT: 16.202 min Scan# 11
Delta R.T. 0.013 min
Lab File: BN027301.D
Acq: 31 Aug 2023 09:35

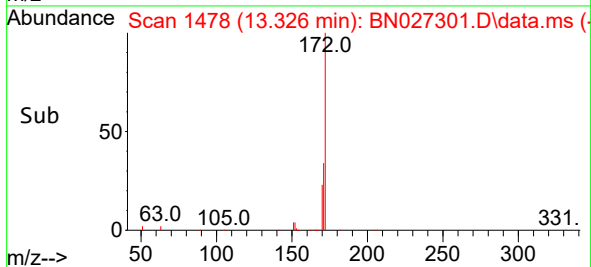
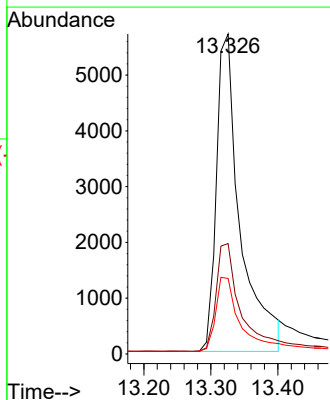
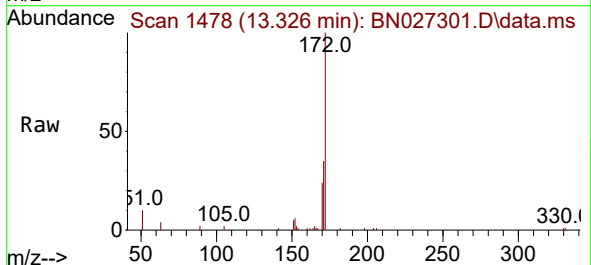
Instrument :
BNA_N
ClientSampleId :
RE131D3-20230821RE

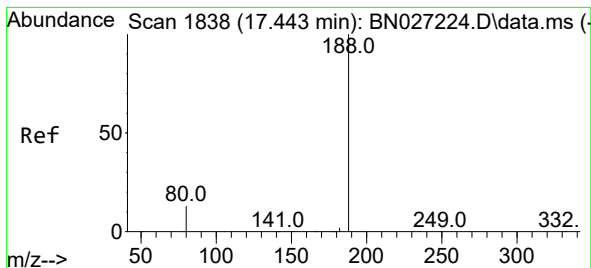
Tgt Ion:330 Resp: 1194
Ion Ratio Lower Upper
330 100
332 98.8 75.2 112.8
141 53.7 36.2 54.4



#15
2-Fluorobiphenyl
Concen: 0.534 ng
RT: 13.326 min Scan# 1478
Delta R.T. 0.000 min
Lab File: BN027301.D
Acq: 31 Aug 2023 09:35

Tgt Ion:172 Resp: 14059
Ion Ratio Lower Upper
172 100
171 34.5 27.8 41.8
170 23.6 19.3 28.9





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.443 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN027301.D

Acq: 31 Aug 2023 09:35

Instrument :

BNA_N

ClientSampleId :

RE131D3-20230821RE

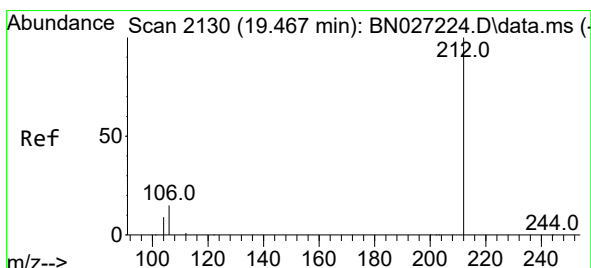
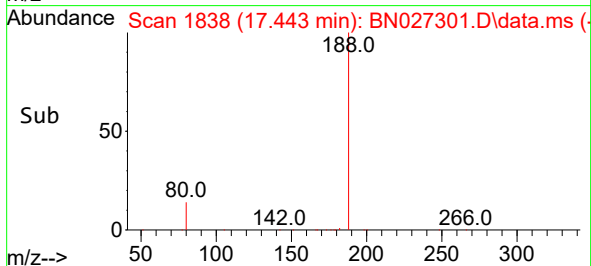
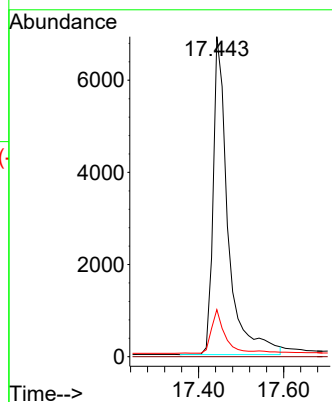
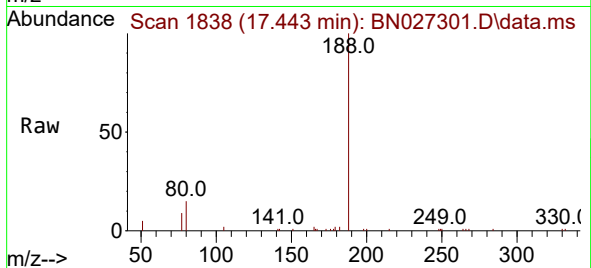
Tgt Ion:188 Resp: 16733

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.7 11.0 16.6



#27

Fluoranthene-d10

Concen: 0.610 ng

RT: 19.463 min Scan# 2129

Delta R.T. -0.005 min

Lab File: BN027301.D

Acq: 31 Aug 2023 09:35

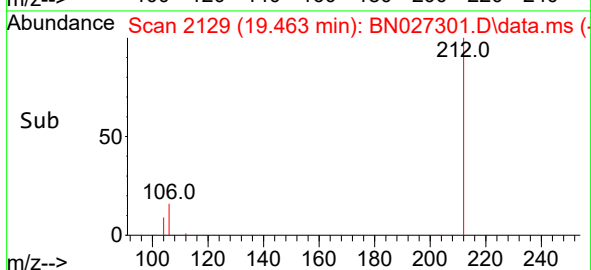
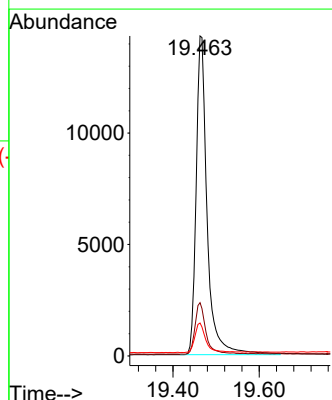
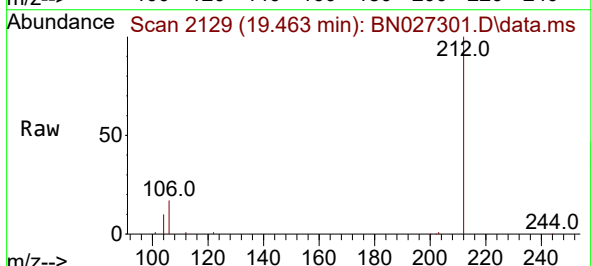
Tgt Ion:212 Resp: 25384

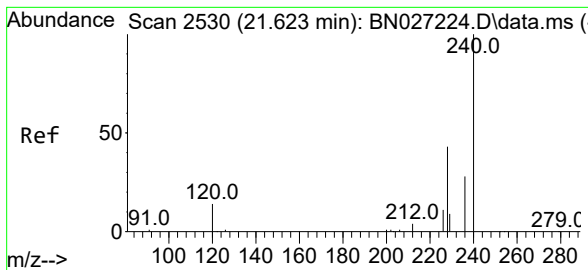
Ion Ratio Lower Upper

212 100

106 16.2 12.1 18.1

104 9.2 6.9 10.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.623 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN027301.D

Acq: 31 Aug 2023 09:35

Instrument :

BNA_N

ClientSampleId :

RE131D3-20230821RE

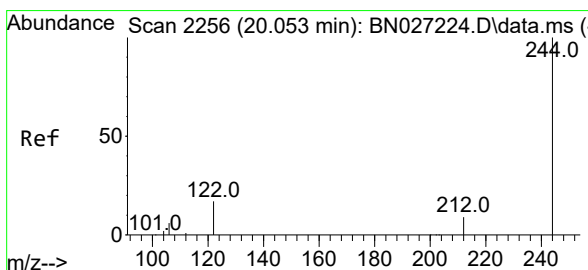
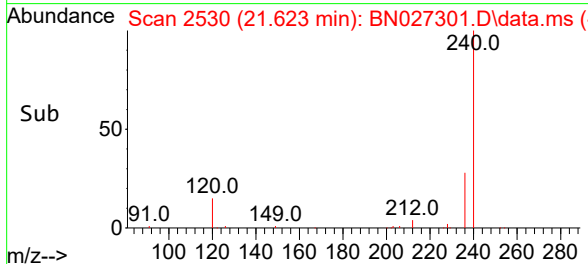
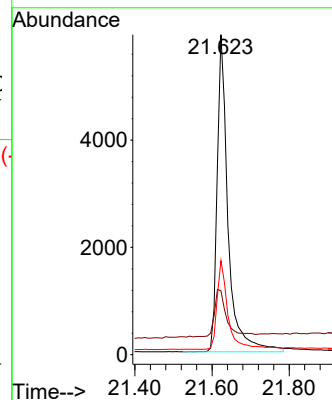
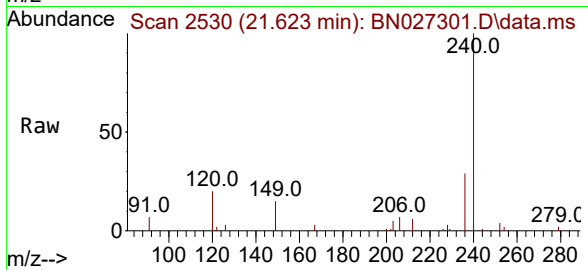
Tgt Ion:240 Resp: 11573

Ion Ratio Lower Upper

240 100

120 20.0 14.2 21.4

236 29.4 22.9 34.3



#31

Terphenyl-d14

Concen: 0.763 ng

RT: 20.048 min Scan# 2255

Delta R.T. -0.005 min

Lab File: BN027301.D

Acq: 31 Aug 2023 09:35

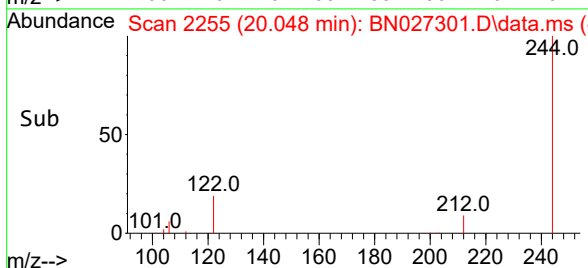
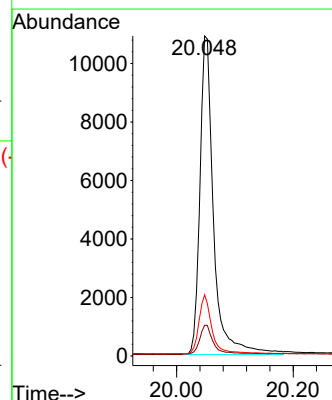
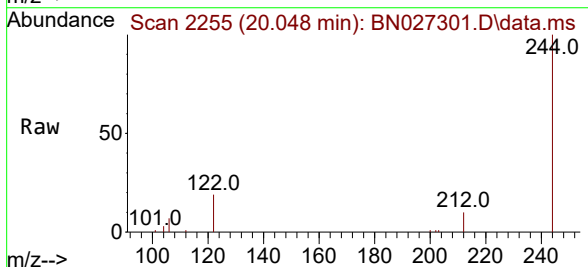
Tgt Ion:244 Resp: 17748

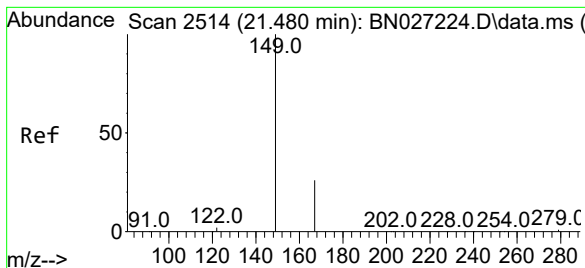
Ion Ratio Lower Upper

244 100

212 9.6 7.5 11.3

122 19.1 14.0 21.0

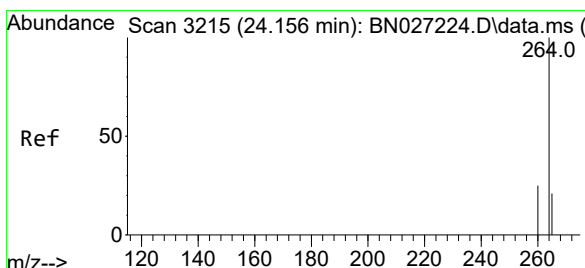
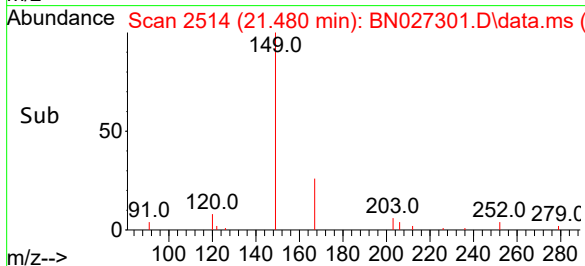
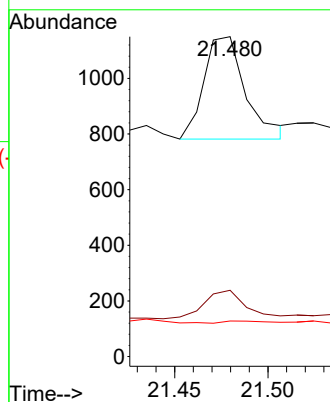
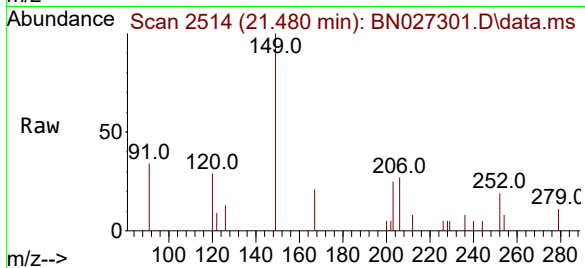




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.030 ng
RT: 21.480 min Scan# 2148
Delta R.T. 0.000 min
Lab File: BN027301.D
Acq: 31 Aug 2023 09:35

Instrument :
BNA_N
ClientSampleId :
RE131D3-20230821RE

Tgt Ion:149 Resp: 575
Ion Ratio Lower Upper
149 100
167 32.3 22.1 33.1
279 2.1 2.7 4.1#



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.154 min Scan# 3214
Delta R.T. -0.003 min
Lab File: BN027301.D
Acq: 31 Aug 2023 09:35

Tgt Ion:264 Resp: 9440
Ion Ratio Lower Upper
264 100
260 27.4 20.7 31.1
265 94.0 53.3 79.9#

