

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083023\
 Data File : BN027321.D
 Acq On : 31 Aug 2023 22:32
 Operator : MA/JU
 Sample : 04128-02
 Misc :
 ALS Vial : 102 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D6-20230821

Quant Time: Sep 01 04:04:08 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)

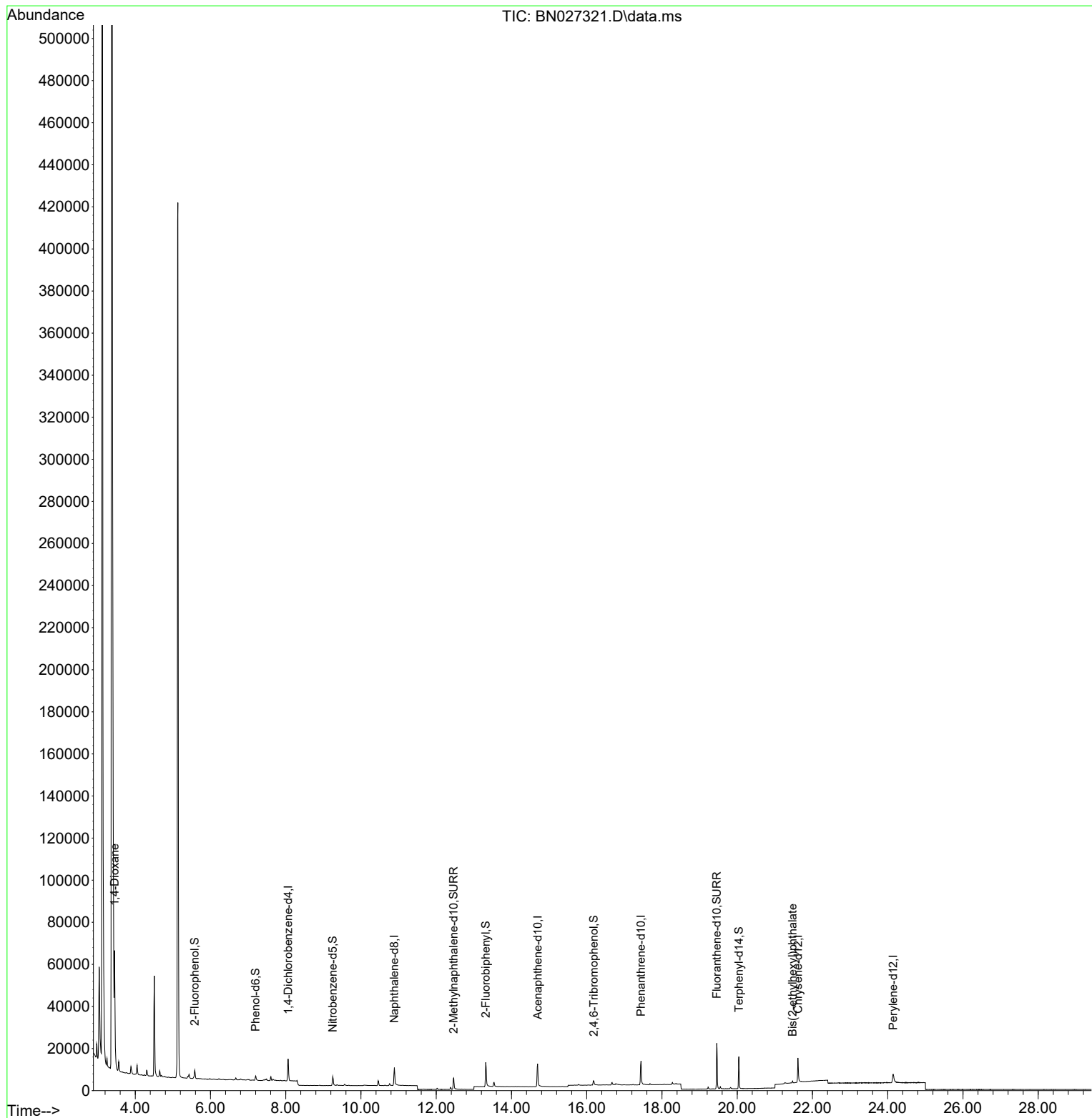
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.066	152	5098	0.400	ng	0.00
7) Naphthalene-d8	10.885	136	13071	0.400	ng	-0.01
13) Acenaphthene-d10	14.694	164	7714	0.400	ng	0.00
19) Phenanthrene-d10	17.443	188	19163	0.400	ng	# 0.00
29) Chrysene-d12	21.614	240	12829	0.400	ng	0.00
35) Perylene-d12	24.145	264	8668	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.581	112	3251	0.245	ng	0.00
5) Phenol-d6	7.199	99	2220	0.137	ng	0.00
8) Nitrobenzene-d5	9.251	82	3803	0.399	ng	-0.01
11) 2-Methylnaphthalene-d10	12.460	152	8835	0.460	ng	-0.01
14) 2,4,6-Tribromophenol	16.189	330	1516	0.531	ng	0.00
15) 2-Fluorobiphenyl	13.315	172	12020	0.410	ng	-0.01
27) Fluoranthene-d10	19.458	212	24700	0.519	ng	0.00
31) Terphenyl-d14	20.043	244	14818	0.575	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.451	88	30972	4.977	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.470	149	909	0.043	ng	96

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

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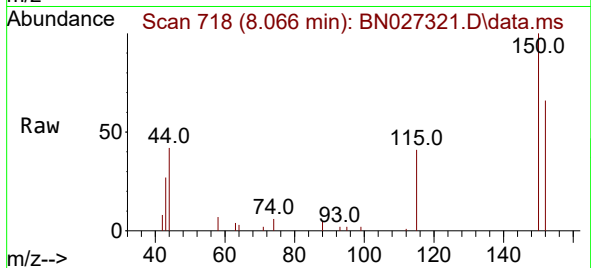
Quant Time: Sep 01 04:04:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 29 05:37:30 2023
Response via : Initial Calibration



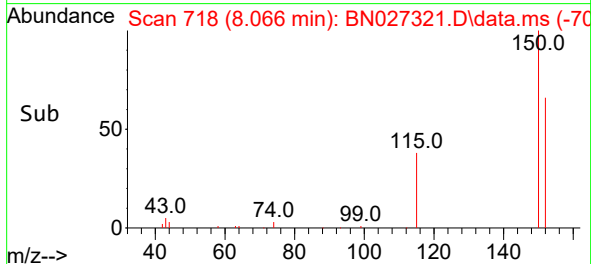
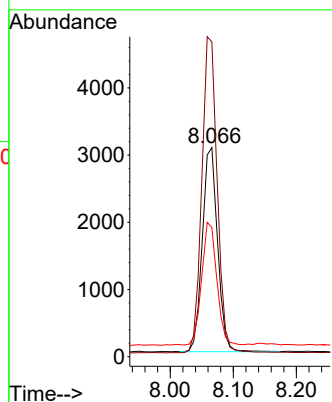


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.066 min Scan# 71
 Delta R.T. -0.007 min
 Lab File: BN027321.D
 Acq: 31 Aug 2023 22:32

Instrument :
 BNA_N
 ClientSampleId :
 RE132D6-20230821

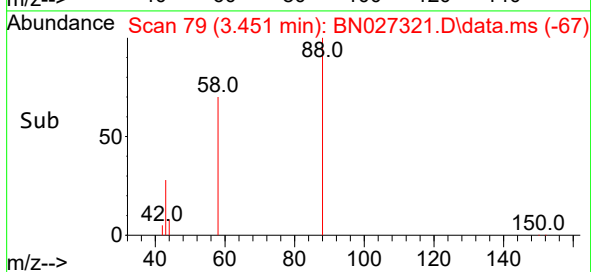
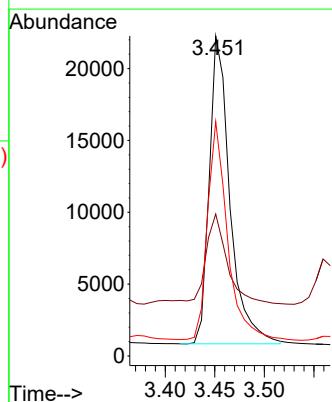
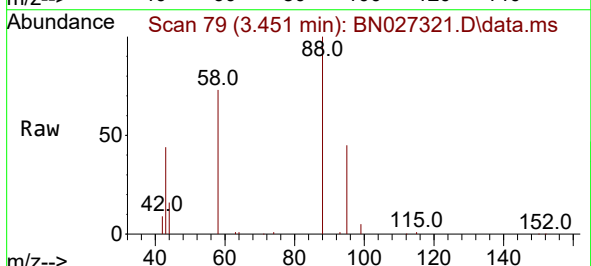


Tgt Ion:152 Resp: 5098
 Ion Ratio Lower Upper
 152 100
 150 150.5 122.7 184.1
 115 61.7 48.6 73.0



#2
 1,4-Dioxane
 Concen: 4.977 ng
 RT: 3.451 min Scan# 79
 Delta R.T. -0.015 min
 Lab File: BN027321.D
 Acq: 31 Aug 2023 22:32

Tgt Ion: 88 Resp: 30972
 Ion Ratio Lower Upper
 88 100
 43 29.6 19.1 28.7#
 58 68.1 52.2 78.2





#4

2-Fluorophenol

Concen: 0.245 ng

RT: 5.581 min Scan# 31

Delta R.T. -0.007 min

Lab File: BN027321.D

Acq: 31 Aug 2023 22:32

Instrument :

BNA_N

ClientSampleId :

RE132D6-20230821

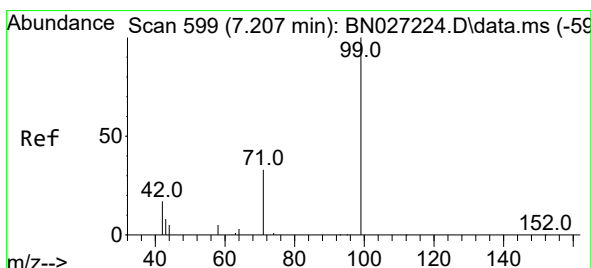
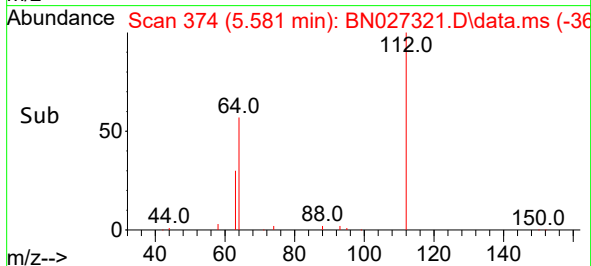
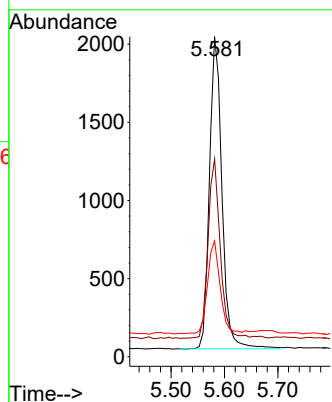
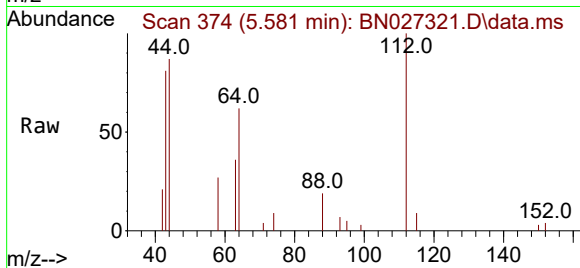
Tgt Ion:112 Resp: 3251

Ion Ratio Lower Upper

112 100

64 56.2 44.4 66.6

63 29.9 23.1 34.7



#5

Phenol-d6

Concen: 0.137 ng

RT: 7.199 min Scan# 598

Delta R.T. -0.007 min

Lab File: BN027321.D

Acq: 31 Aug 2023 22:32

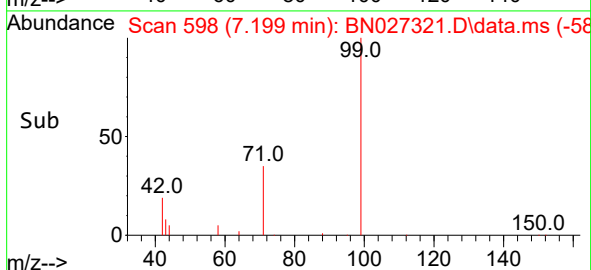
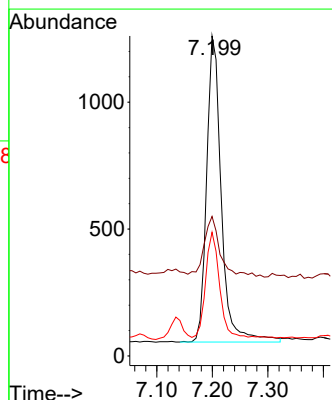
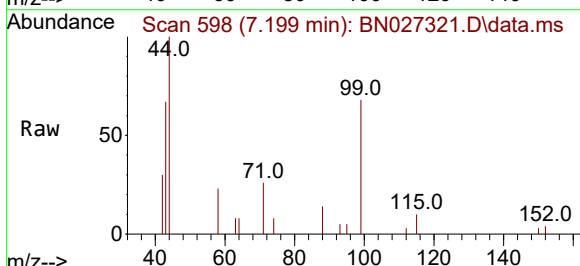
Tgt Ion: 99 Resp: 2220

Ion Ratio Lower Upper

99 100

42 21.9 14.5 21.7#

71 32.9 25.8 38.6

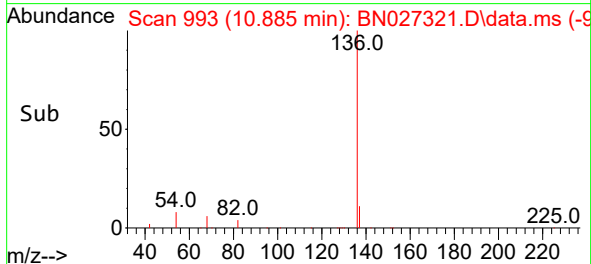
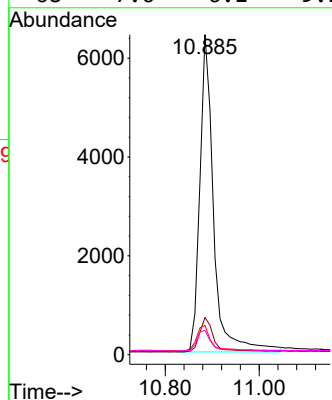
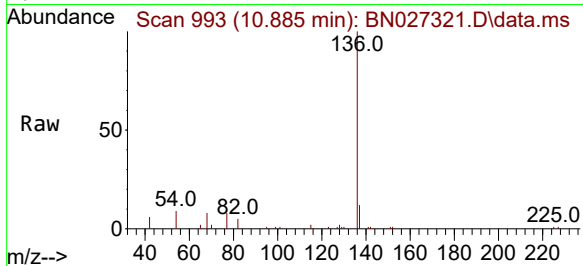




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.885 min Scan# 994
Delta R.T. -0.011 min
Lab File: BN027321.D
Acq: 31 Aug 2023 22:32

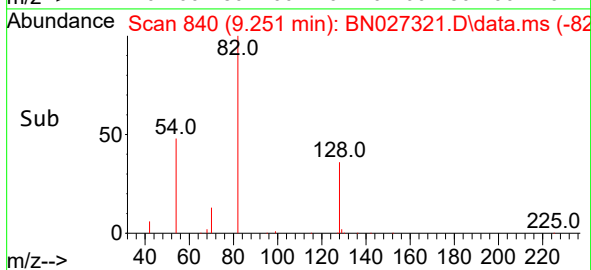
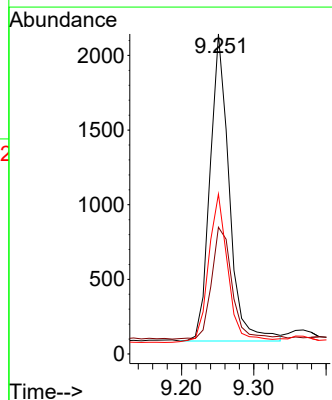
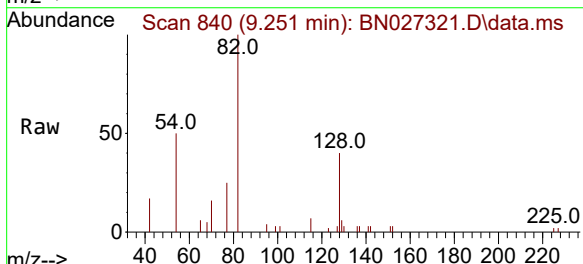
Instrument :
BNA_N
ClientSampleId :
RE132D6-20230821

Tgt Ion:	136	Resp:	13071
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.3	13.9
54	9.2	6.7	10.1
68	7.6	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.399 ng
RT: 9.251 min Scan# 840
Delta R.T. -0.011 min
Lab File: BN027321.D
Acq: 31 Aug 2023 22:32

Tgt Ion:	82	Resp:	3803
Ion	Ratio	Lower	Upper
82	100		
128	39.6	33.4	50.0
54	50.0	37.7	56.5

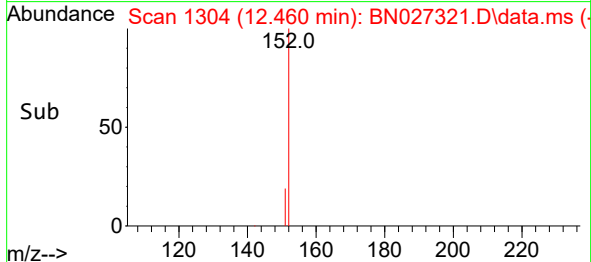
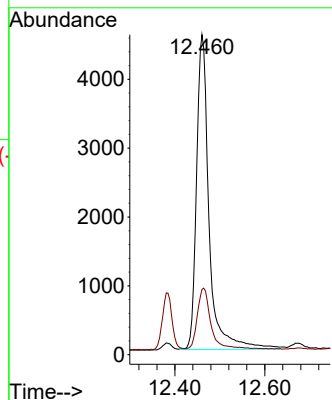
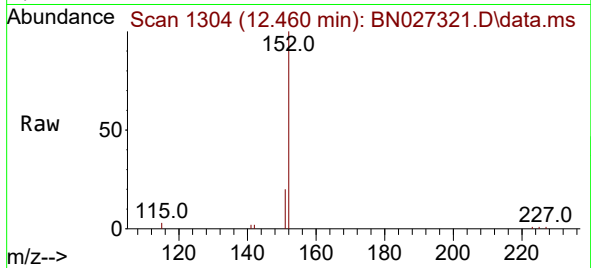




#11
2-Methylnaphthalene-d10
Concen: 0.460 ng
RT: 12.460 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN027321.D
Acq: 31 Aug 2023 22:32

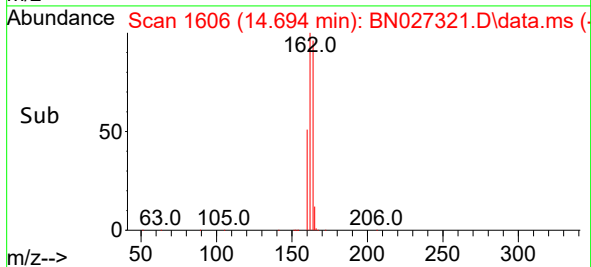
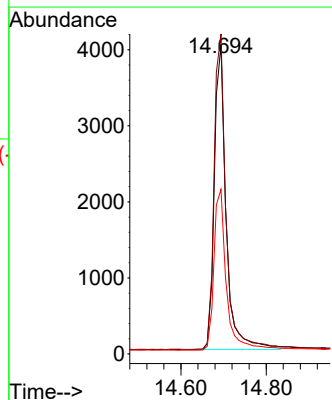
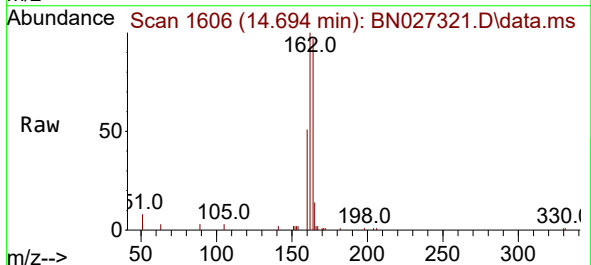
Instrument :
BNA_N
ClientSampleId :
RE132D6-20230821

Tgt Ion:152 Resp: 8835
Ion Ratio Lower Upper
152 100
151 20.5 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: BN027321.D
Acq: 31 Aug 2023 22:32

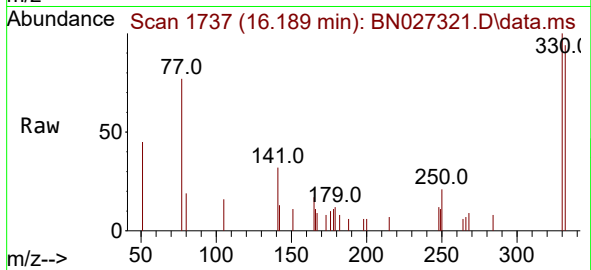
Tgt Ion:164 Resp: 7714
Ion Ratio Lower Upper
164 100
162 103.6 85.8 128.8
160 53.3 44.2 66.2



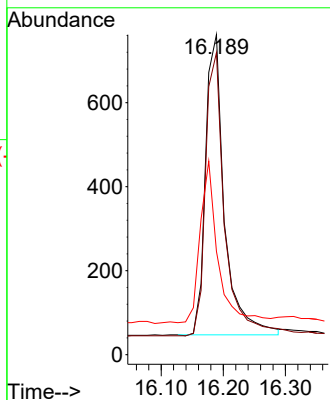
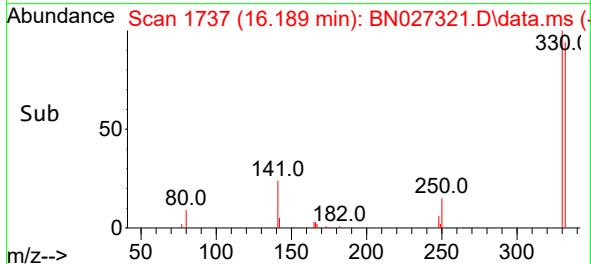


#14
2,4,6-Tribromophenol
Concen: 0.531 ng
RT: 16.189 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN027321.D
Acq: 31 Aug 2023 22:32

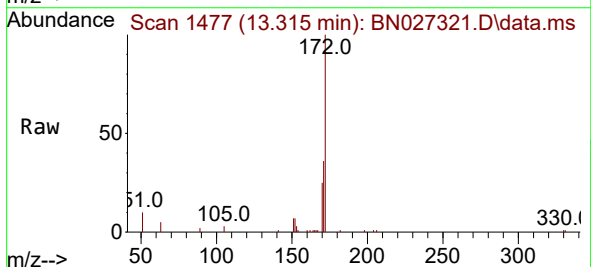
Instrument :
BNA_N
ClientSampleId :
RE132D6-20230821



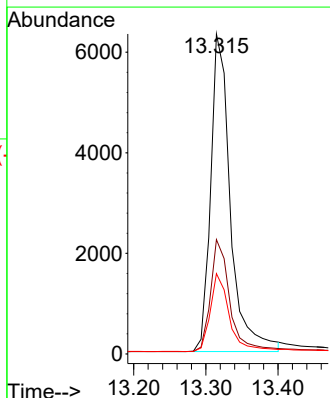
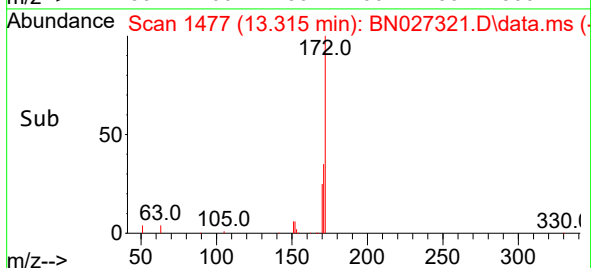
Tgt Ion:330 Resp: 1516
Ion Ratio Lower Upper
330 100
332 95.4 75.2 112.8
141 50.2 36.2 54.4

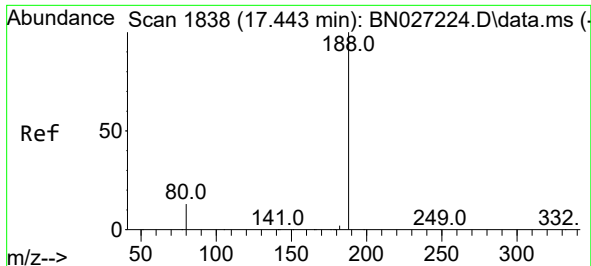


#15
2-Fluorobiphenyl
Concen: 0.410 ng
RT: 13.315 min Scan# 1477
Delta R.T. -0.011 min
Lab File: BN027321.D
Acq: 31 Aug 2023 22:32



Tgt Ion:172 Resp: 12020
Ion Ratio Lower Upper
172 100
171 35.8 27.8 41.8
170 25.1 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: BN027321.D

Acq: 31 Aug 2023 22:32

Instrument :

BNA_N

ClientSampleId :

RE132D6-20230821

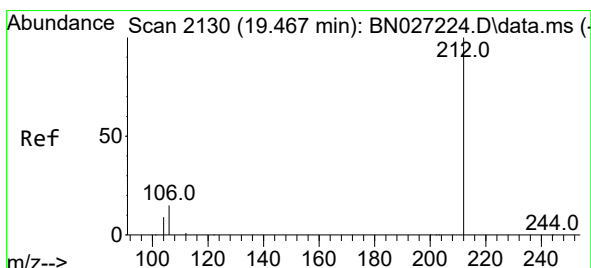
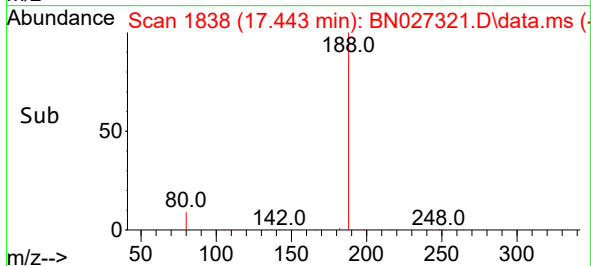
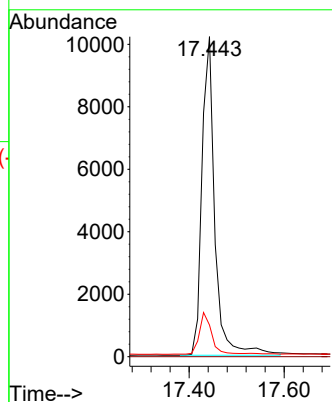
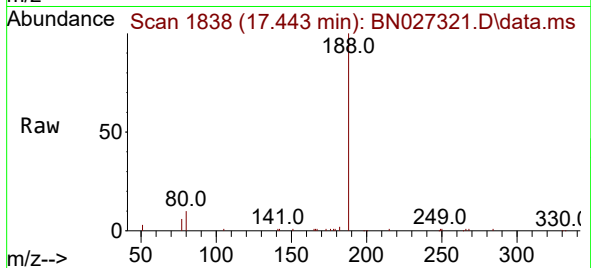
Tgt Ion:188 Resp: 19163

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.9 11.0 16.6#



#27

Fluoranthene-d10

Concen: 0.519 ng

RT: 19.458 min Scan# 2128

Delta R.T. -0.009 min

Lab File: BN027321.D

Acq: 31 Aug 2023 22:32

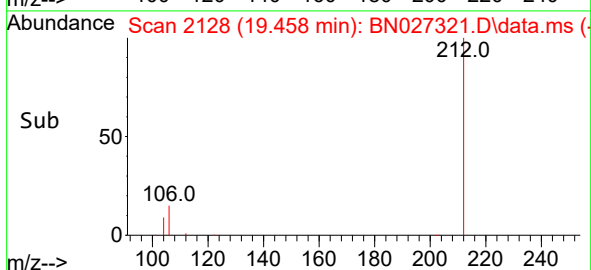
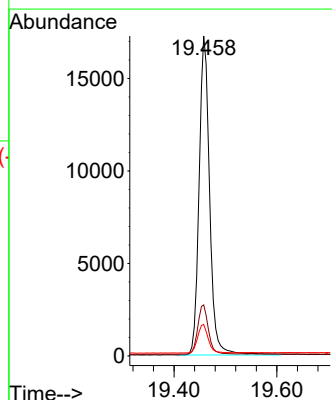
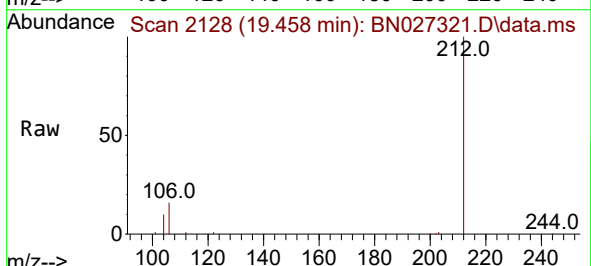
Tgt Ion:212 Resp: 24700

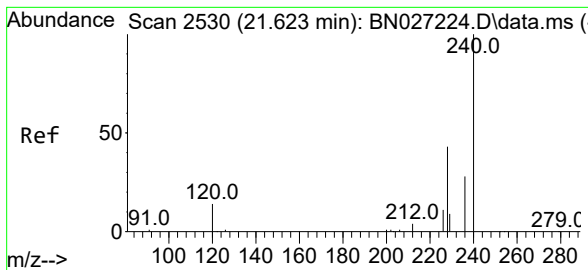
Ion Ratio Lower Upper

212 100

106 15.7 12.1 18.1

104 9.0 6.9 10.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.614 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN027321.D

Acq: 31 Aug 2023 22:32

Instrument :

BNA_N

ClientSampleId :

RE132D6-20230821

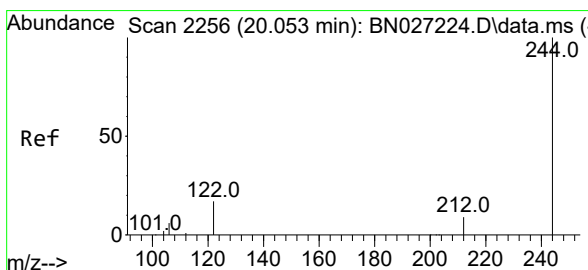
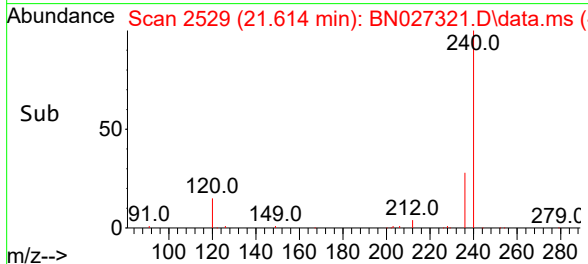
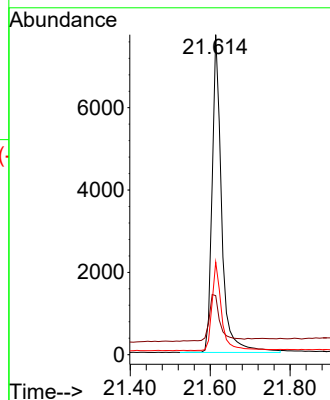
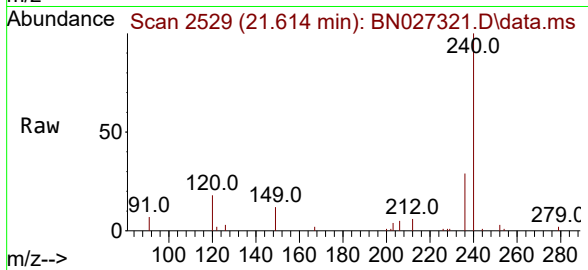
Tgt Ion:240 Resp: 12829

Ion Ratio Lower Upper

240 100

120 18.4 14.2 21.4

236 29.0 22.9 34.3



#31

Terphenyl-d14

Concen: 0.575 ng

RT: 20.043 min Scan# 2254

Delta R.T. -0.009 min

Lab File: BN027321.D

Acq: 31 Aug 2023 22:32

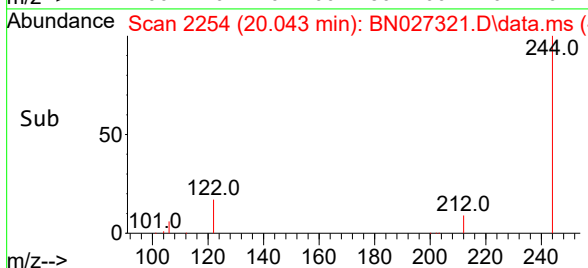
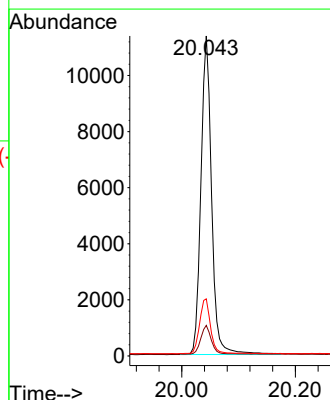
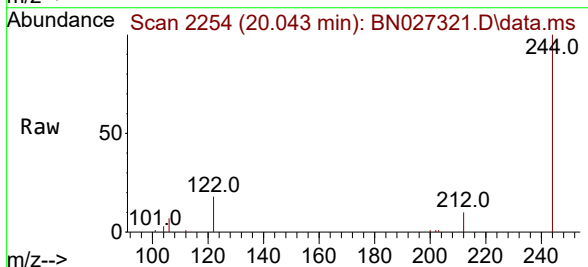
Tgt Ion:244 Resp: 14818

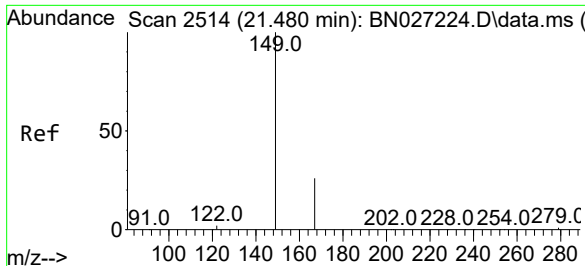
Ion Ratio Lower Upper

244 100

212 9.5 7.5 11.3

122 17.9 14.0 21.0

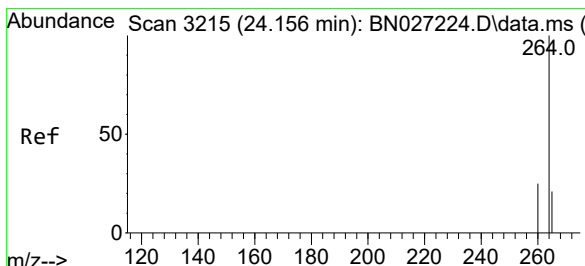
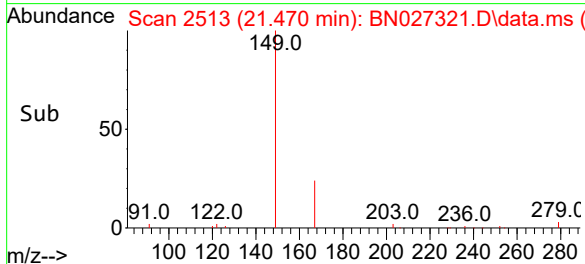
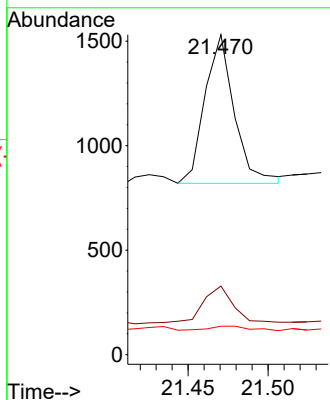
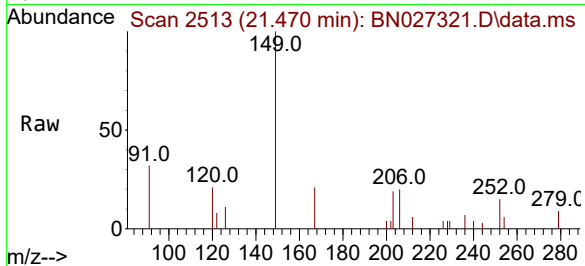




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.043 ng
 RT: 21.470 min Scan# 2111
 Delta R.T. -0.009 min
 Lab File: BN027321.D
 Acq: 31 Aug 2023 22:32

Instrument :
 BNA_N
 ClientSampleId :
 RE132D6-20230821

Tgt Ion:149 Resp: 909
 Ion Ratio Lower Upper
 149 100
 167 25.4 22.1 33.1
 279 4.1 2.7 4.1



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.145 min Scan# 3211
 Delta R.T. -0.012 min
 Lab File: BN027321.D
 Acq: 31 Aug 2023 22:32

Tgt Ion:264 Resp: 8668
 Ion Ratio Lower Upper
 264 100
 260 27.0 20.7 31.1
 265 98.7 53.3 79.9#

