

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083023\
 Data File : BN027323.D
 Acq On : 31 Aug 2023 23:45
 Operator : MA/JU
 Sample : 04126-23DL 5X
 Misc :
 ALS Vial : 104 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D2-20230821DL

Quant Time: Sep 01 04:04:30 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)

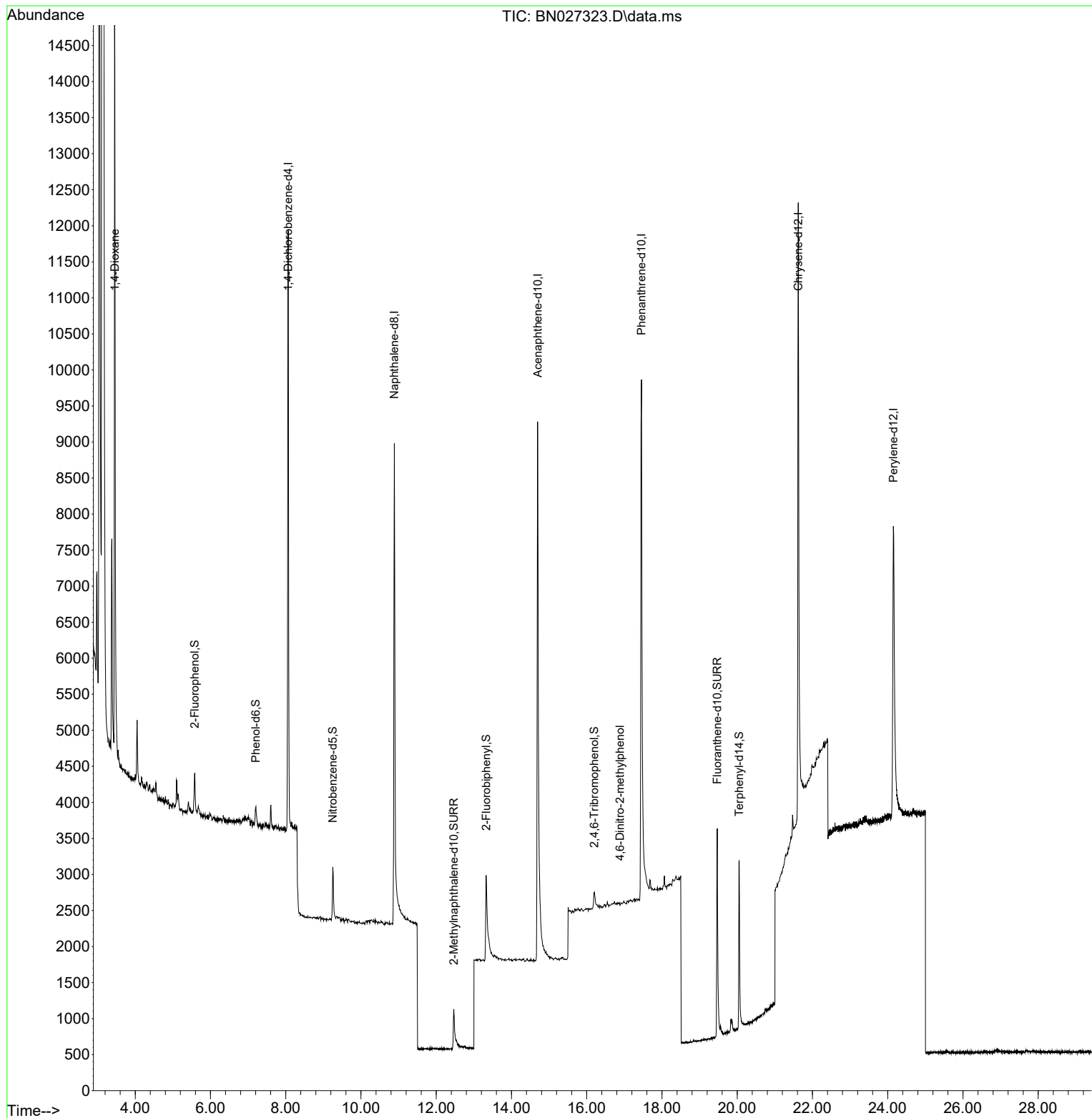
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.066	152	4425	0.400	ng	0.00
7) Naphthalene-d8	10.885	136	11199	0.400	ng	-0.01
13) Acenaphthene-d10	14.694	164	7038	0.400	ng	0.00
19) Phenanthrene-d10	17.455	188	16664	0.400	ng	0.01
29) Chrysene-d12	21.623	240	11788	0.400	ng	0.00
35) Perylene-d12	24.153	264	9557	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.582	112	501	0.043	ng	0.00
5) Phenol-d6	7.207	99	318	0.023	ng	0.00
8) Nitrobenzene-d5	9.251	82	753	0.092	ng	-0.01
11) 2-Methylnaphthalene-d10	12.468	152	1191	0.072	ng	0.00
14) 2,4,6-Tribromophenol	16.201	330	241	0.093	ng	0.01
15) 2-Fluorobiphenyl	13.325	172	2022	0.076	ng	0.00
27) Fluoranthene-d10	19.467	212	4363	0.105	ng	0.00
31) Terphenyl-d14	20.052	244	2978	0.126	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.458	88	7642	1.415	ng	# 92
20) 4,6-Dinitro-2-methylph...	16.884	198	5	0.021	ng	# 28

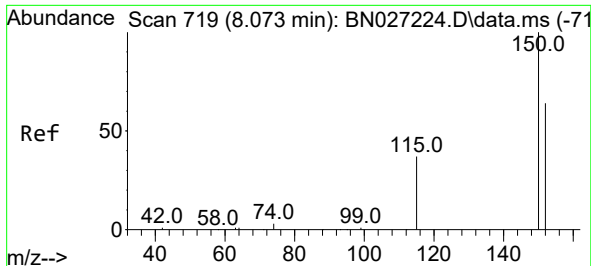
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083023\
Data File : BN027323.D
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Operator : MA/JU
Sample : 04126-23DL 5X
Misc :
ALS Vial : 104 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE132D2-20230821DL

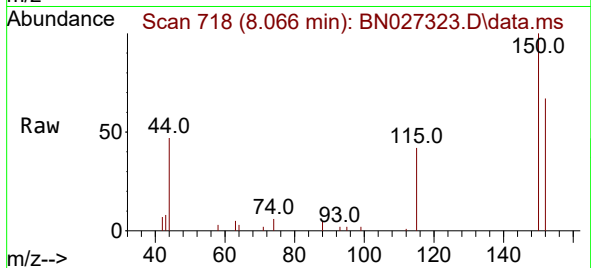
Quant Time: Sep 01 04:04:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 29 05:37:30 2023
Response via : Initial Calibration



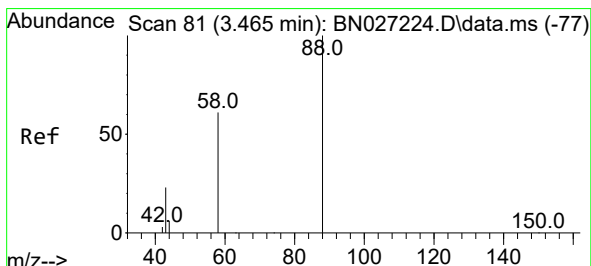
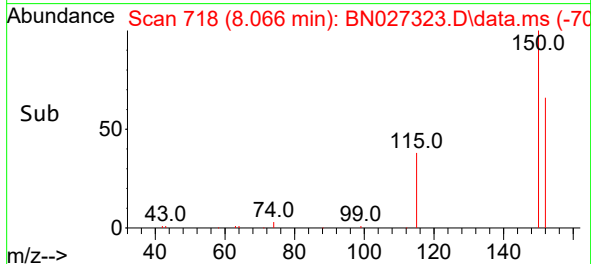
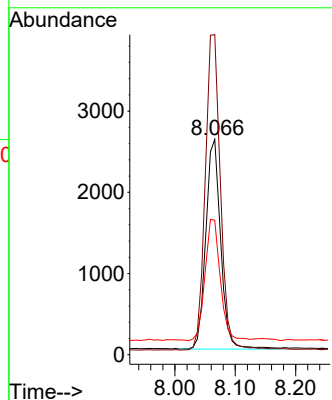


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.066 min Scan# 71
 Delta R.T. -0.007 min
 Lab File: BN027323.D
 Acq: 31 Aug 2023 23:45

Instrument :
 BNA_N
 ClientSampleId :
 RE132D2-20230821DL

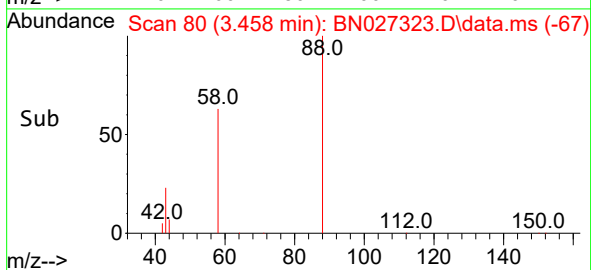
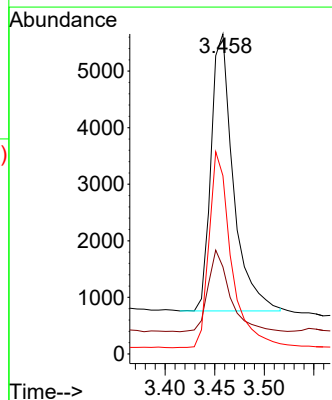
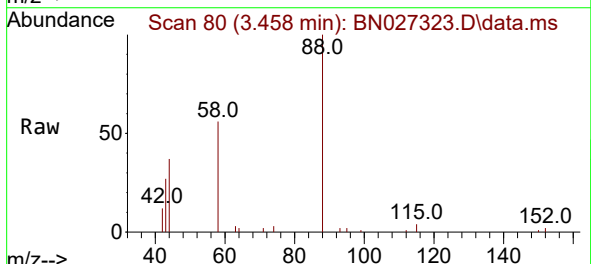


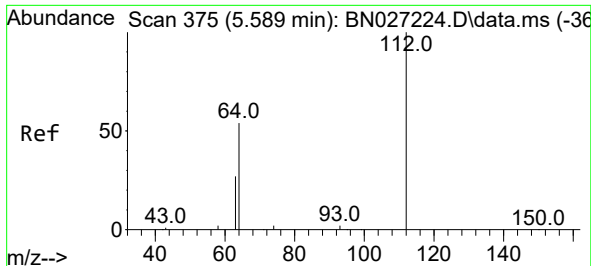
Tgt Ion:152 Resp: 4425
 Ion Ratio Lower Upper
 152 100
 150 148.7 122.7 184.1
 115 62.4 48.6 73.0



#2
 1,4-Dioxane
 Concen: 1.415 ng
 RT: 3.458 min Scan# 80
 Delta R.T. -0.007 min
 Lab File: BN027323.D
 Acq: 31 Aug 2023 23:45

Tgt Ion: 88 Resp: 7642
 Ion Ratio Lower Upper
 88 100
 43 29.0 19.1 28.7#
 58 71.0 52.2 78.2

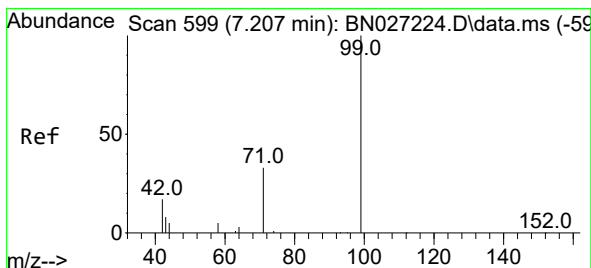
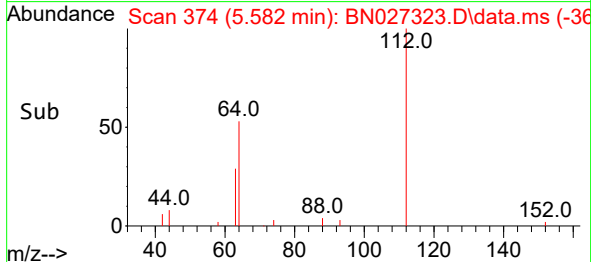
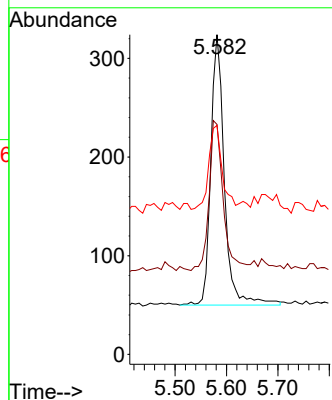
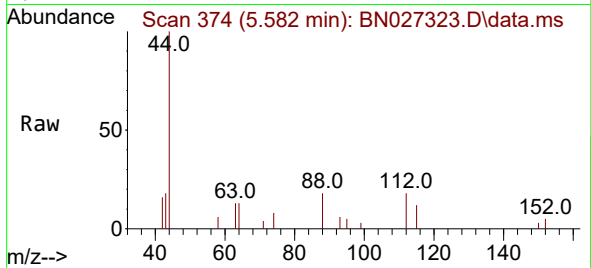




#4
2-Fluorophenol
Concen: 0.043 ng
RT: 5.582 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN027323.D
Acq: 31 Aug 2023 23:45

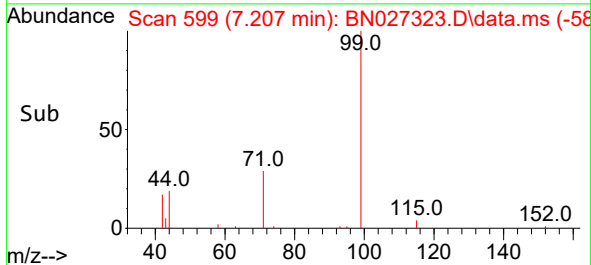
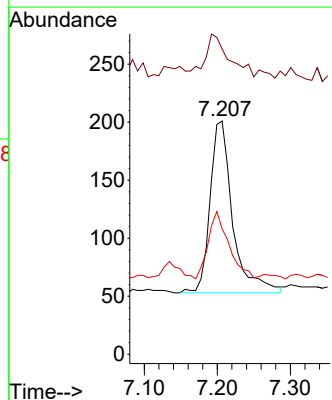
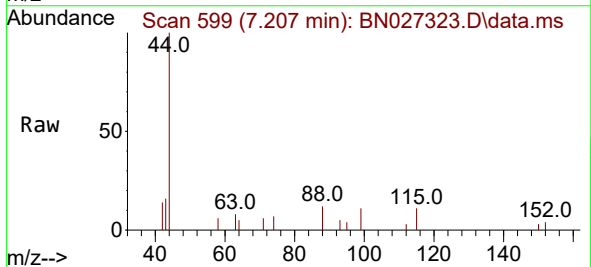
Instrument :
BNA_N
ClientSampleId :
RE132D2-20230821DL

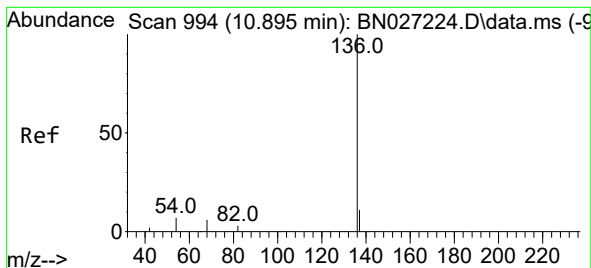
Tgt Ion:112 Resp: 501
Ion Ratio Lower Upper
112 100
64 57.1 44.4 66.6
63 31.1 23.1 34.7



#5
Phenol-d6
Concen: 0.023 ng
RT: 7.207 min Scan# 599
Delta R.T. -0.000 min
Lab File: BN027323.D
Acq: 31 Aug 2023 23:45

Tgt Ion: 99 Resp: 318
Ion Ratio Lower Upper
99 100
42 29.2 14.5 21.7#
71 35.8 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: BN027323.D

Acq: 31 Aug 2023 23:45

Instrument :

BNA_N

ClientSampleId :

RE132D2-20230821DL

Tgt Ion:136 Resp: 11199

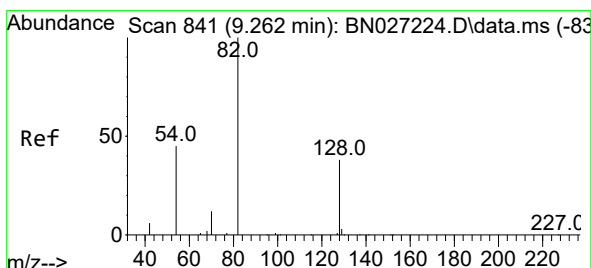
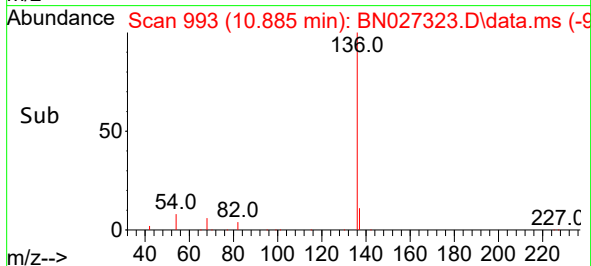
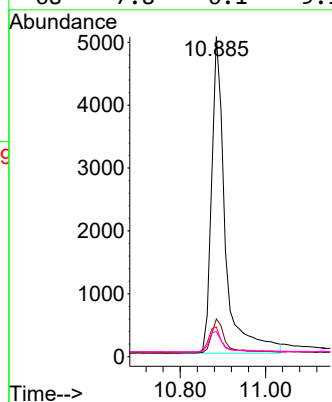
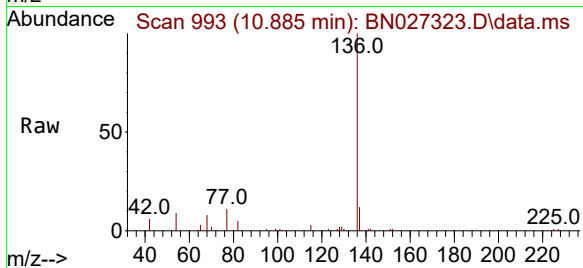
Ion Ratio Lower Upper

136 100

137 11.8 9.3 13.9

54 9.3 6.7 10.1

68 7.8 6.1 9.1



#8

Nitrobenzene-d5

Concen: 0.092 ng

RT: 9.251 min Scan# 840

Delta R.T. -0.011 min

Lab File: BN027323.D

Acq: 31 Aug 2023 23:45

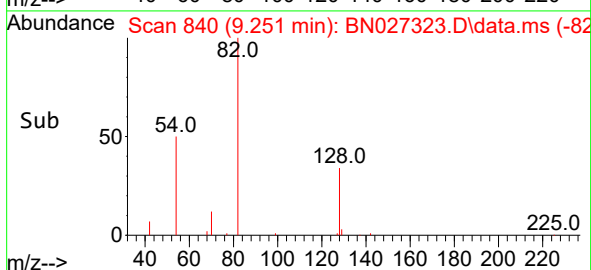
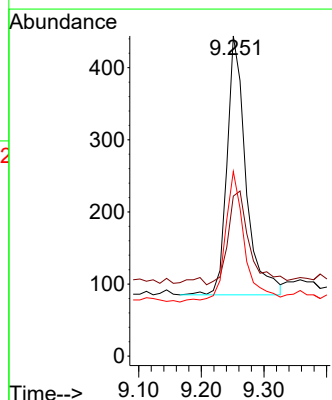
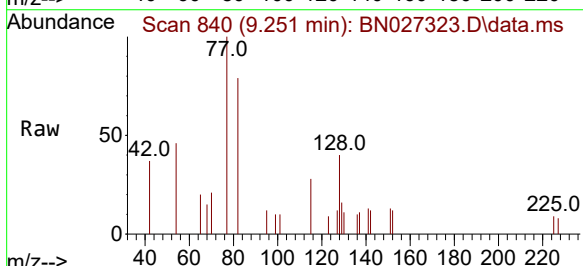
Tgt Ion: 82 Resp: 753

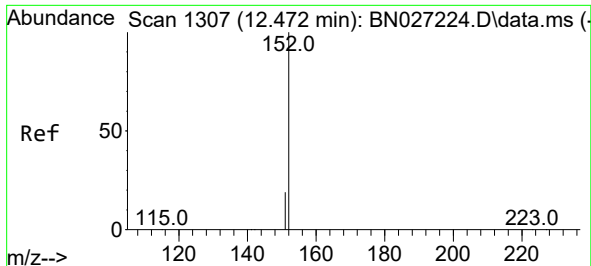
Ion Ratio Lower Upper

82 100

128 50.0 33.4 50.0

54 57.7 37.7 56.5#

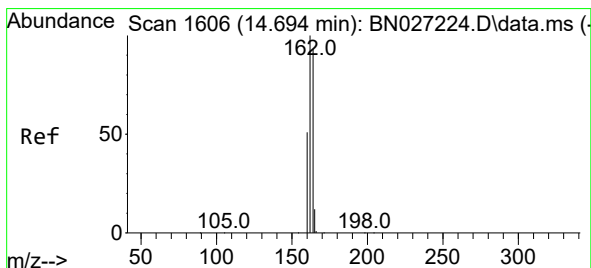
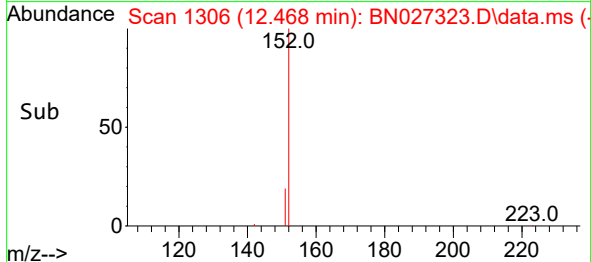
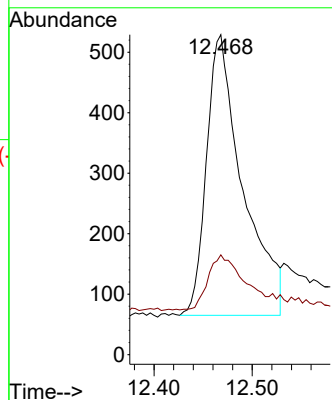
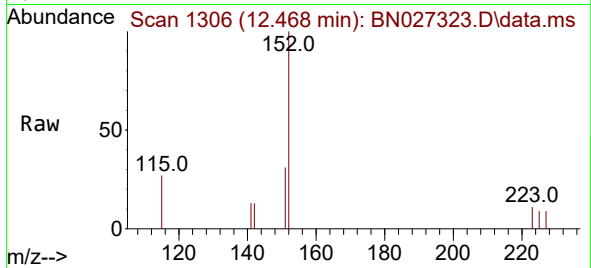




#11
2-Methylnaphthalene-d10
Concen: 0.072 ng
RT: 12.468 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN027323.D
Acq: 31 Aug 2023 23:45

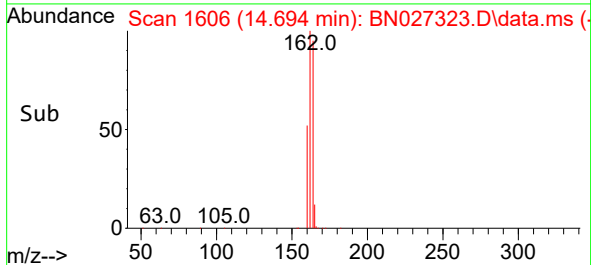
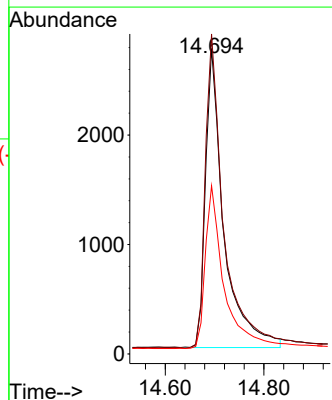
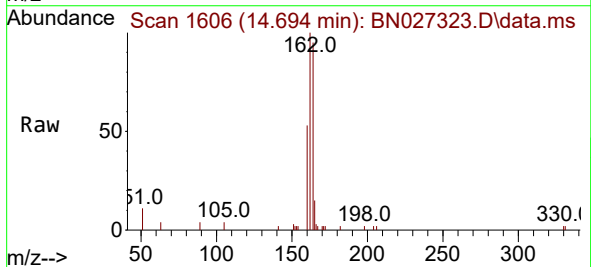
Instrument :
BNA_N
ClientSampleId :
RE132D2-20230821DL

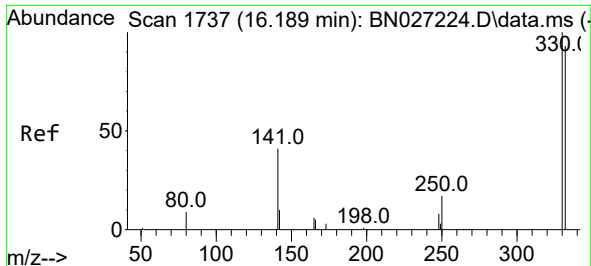
Tgt Ion:152 Resp: 1191
Ion Ratio Lower Upper
152 100
151 19.7 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.694 min Scan# 1606
Delta R.T. -0.000 min
Lab File: BN027323.D
Acq: 31 Aug 2023 23:45

Tgt Ion:164 Resp: 7038
Ion Ratio Lower Upper
164 100
162 104.8 85.8 128.8
160 55.1 44.2 66.2

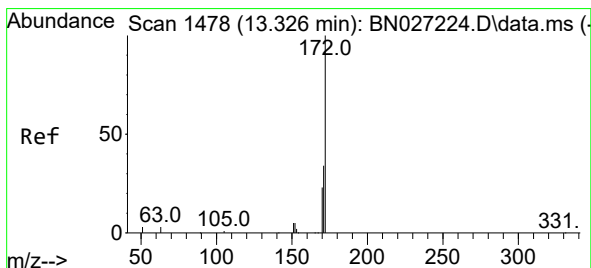
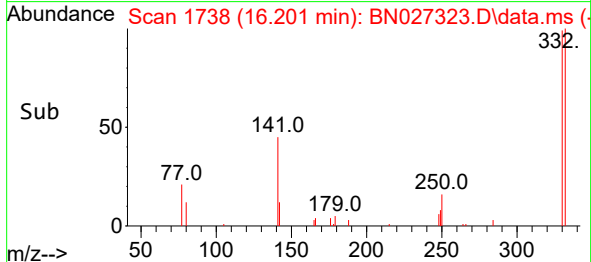
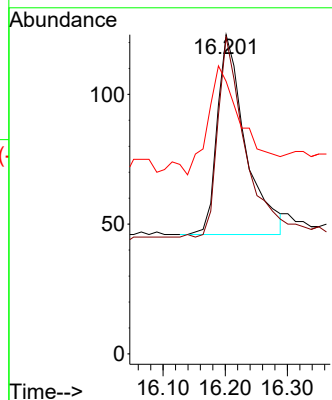
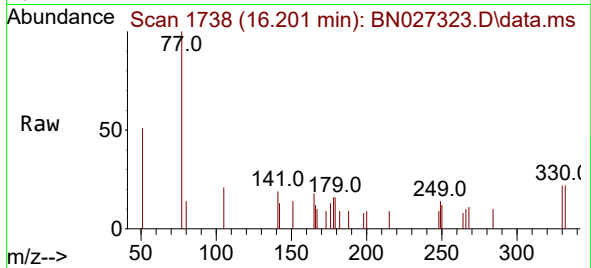




#14
2,4,6-Tribromophenol
Concen: 0.093 ng
RT: 16.201 min Scan# 1738
Delta R.T. 0.012 min
Lab File: BN027323.D
Acq: 31 Aug 2023 23:45

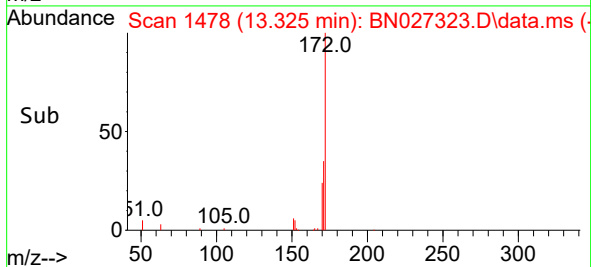
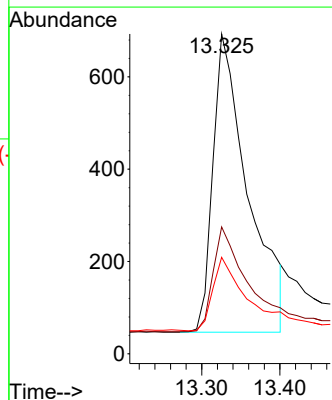
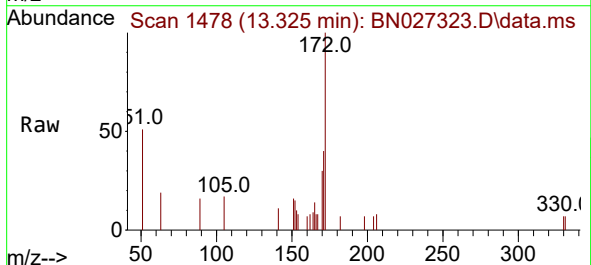
Instrument :
BNA_N
ClientSampleId :
RE132D2-20230821DL

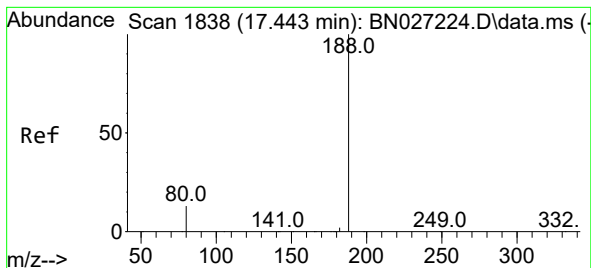
Tgt Ion:330 Resp: 241
Ion Ratio Lower Upper
330 100
332 96.3 75.2 112.8
141 68.0 36.2 54.4#



#15
2-Fluorobiphenyl
Concen: 0.076 ng
RT: 13.325 min Scan# 1478
Delta R.T. -0.000 min
Lab File: BN027323.D
Acq: 31 Aug 2023 23:45

Tgt Ion:172 Resp: 2022
Ion Ratio Lower Upper
172 100
171 39.7 27.8 41.8
170 30.2 19.3 28.9#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.455 min Scan# 11

Delta R.T. 0.012 min

Lab File: BN027323.D

Acq: 31 Aug 2023 23:45

Instrument :

BNA_N

ClientSampleId :

RE132D2-20230821DL

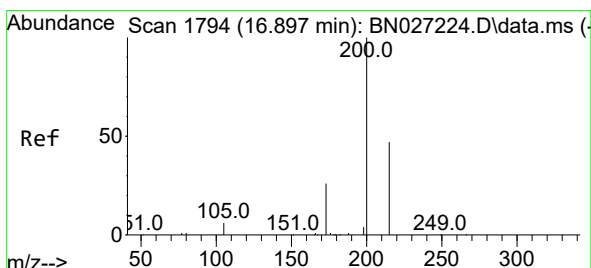
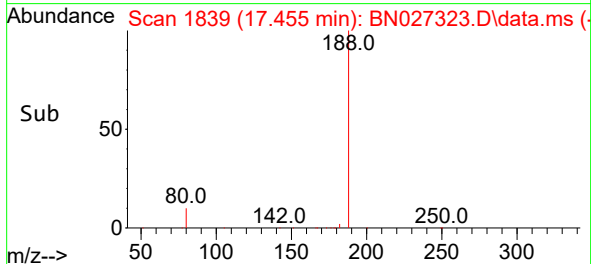
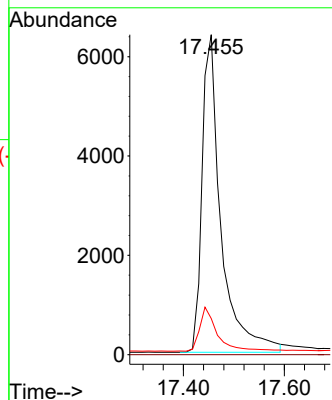
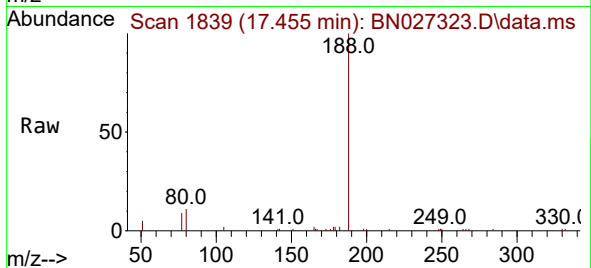
Tgt Ion:188 Resp: 16664

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.3 11.0 16.6



#20

4,6-Dinitro-2-methylphenol

Concen: 0.021 ng

RT: 16.884 min Scan# 1793

Delta R.T. -0.012 min

Lab File: BN027323.D

Acq: 31 Aug 2023 23:45

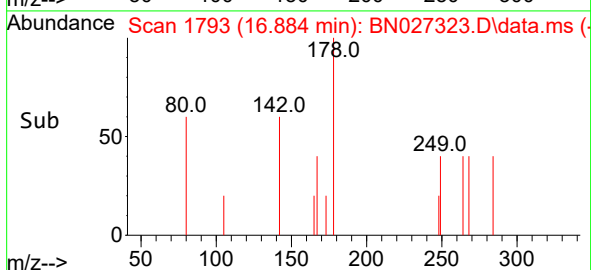
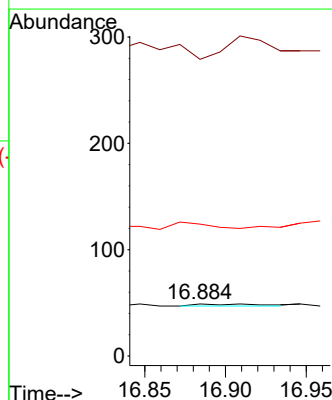
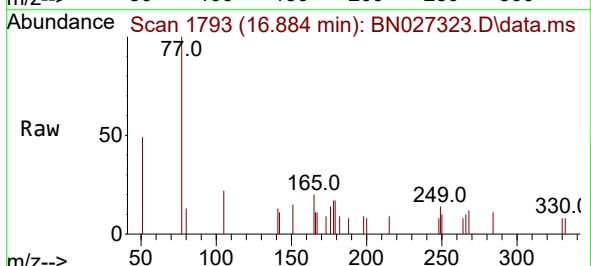
Tgt Ion:198 Resp: 5

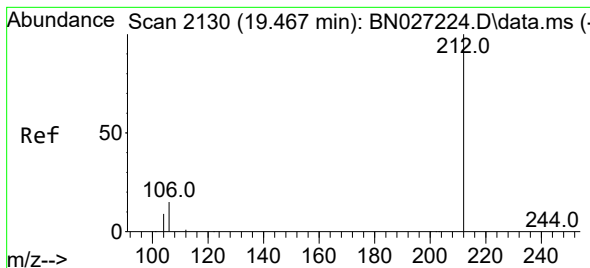
Ion Ratio Lower Upper

198 100

51 569.4 282.2 423.2#

105 253.1 168.7 253.1





#27

Fluoranthene-d10

Concen: 0.105 ng

RT: 19.467 min Scan# 2130

Delta R.T. -0.000 min

Lab File: BN027323.D

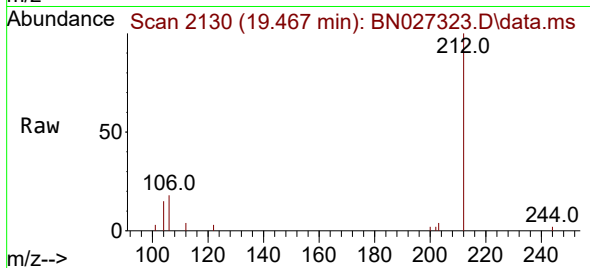
Acq: 31 Aug 2023 23:45

Instrument :

BNA_N

ClientSampleId :

RE132D2-20230821DL



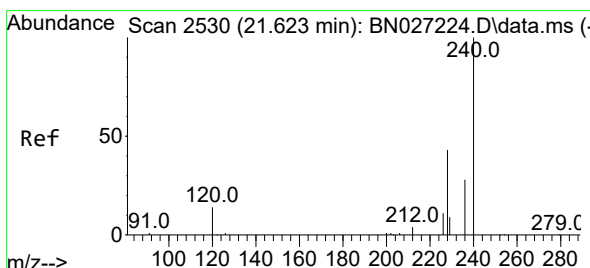
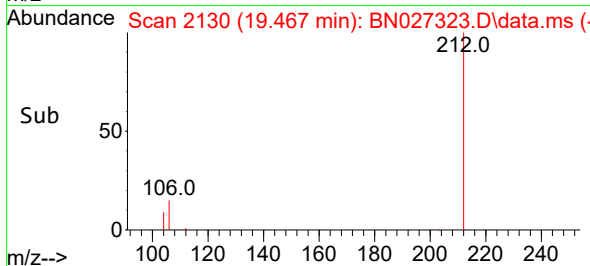
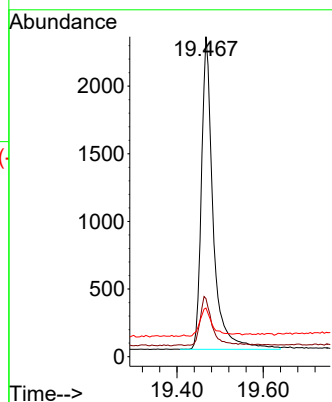
Tgt Ion:212 Resp: 4363

Ion Ratio Lower Upper

212 100

106 15.4 12.1 18.1

104 9.6 6.9 10.3



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.623 min Scan# 2530

Delta R.T. -0.000 min

Lab File: BN027323.D

Acq: 31 Aug 2023 23:45

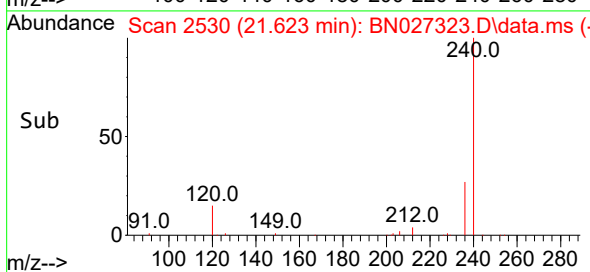
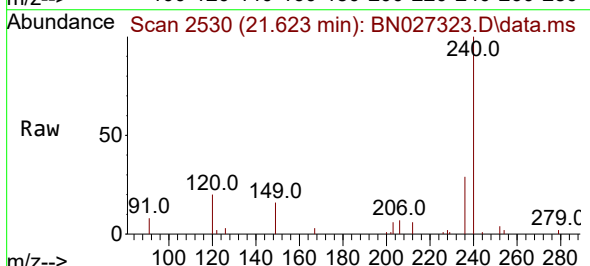
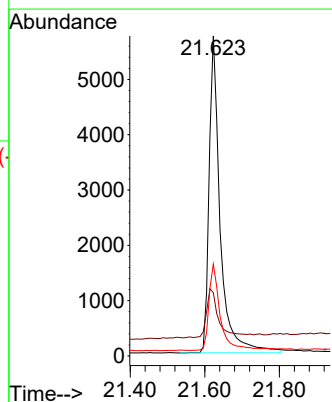
Tgt Ion:240 Resp: 11788

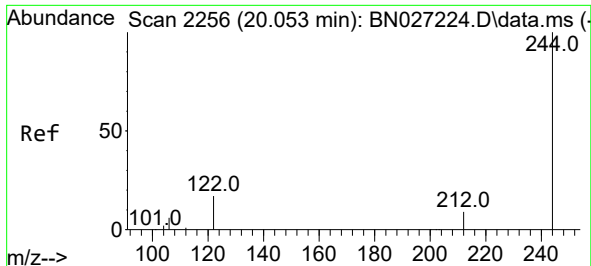
Ion Ratio Lower Upper

240 100

120 19.8 14.2 21.4

236 28.7 22.9 34.3

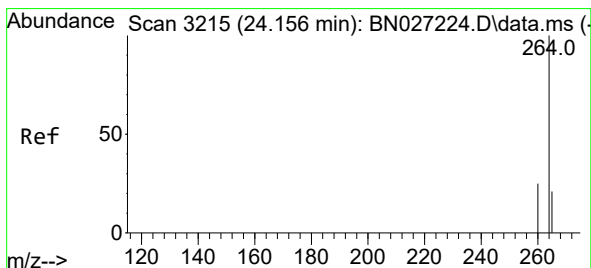
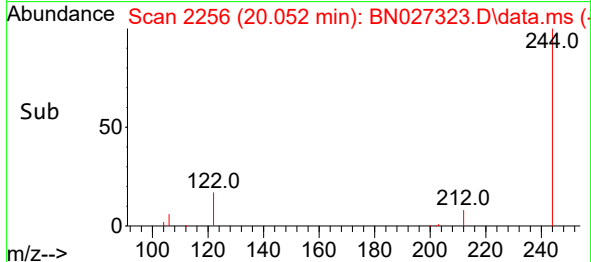
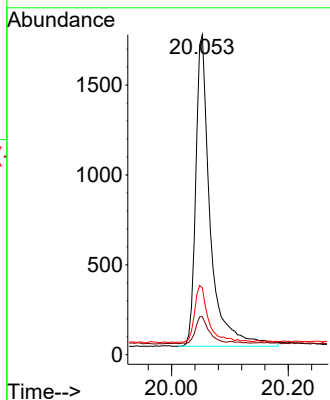
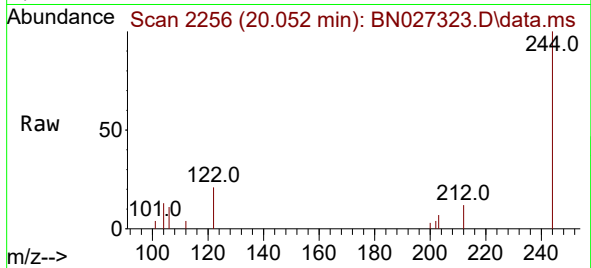




#31
Terphenyl-d14
Concen: 0.126 ng
RT: 20.052 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN027323.D
Acq: 31 Aug 2023 23:45

Instrument :
BNA_N
ClientSampleId :
RE132D2-20230821DL

Tgt Ion:244 Resp: 2978
Ion Ratio Lower Upper
244 100
212 11.9 7.5 11.3#
122 20.9 14.0 21.0



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.153 min Scan# 3214
Delta R.T. -0.003 min
Lab File: BN027323.D
Acq: 31 Aug 2023 23:45

Tgt Ion:264 Resp: 9557
Ion Ratio Lower Upper
264 100
260 27.2 20.7 31.1
265 100.6 53.3 79.9#

