

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083023\
 Data File : BN027324.D
 Acq On : 01 Sep 2023 00:22
 Operator : MA/JU
 Sample : 04126-24DL 5X
 Misc :
 ALS Vial : 105 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 01 04:04:41 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)

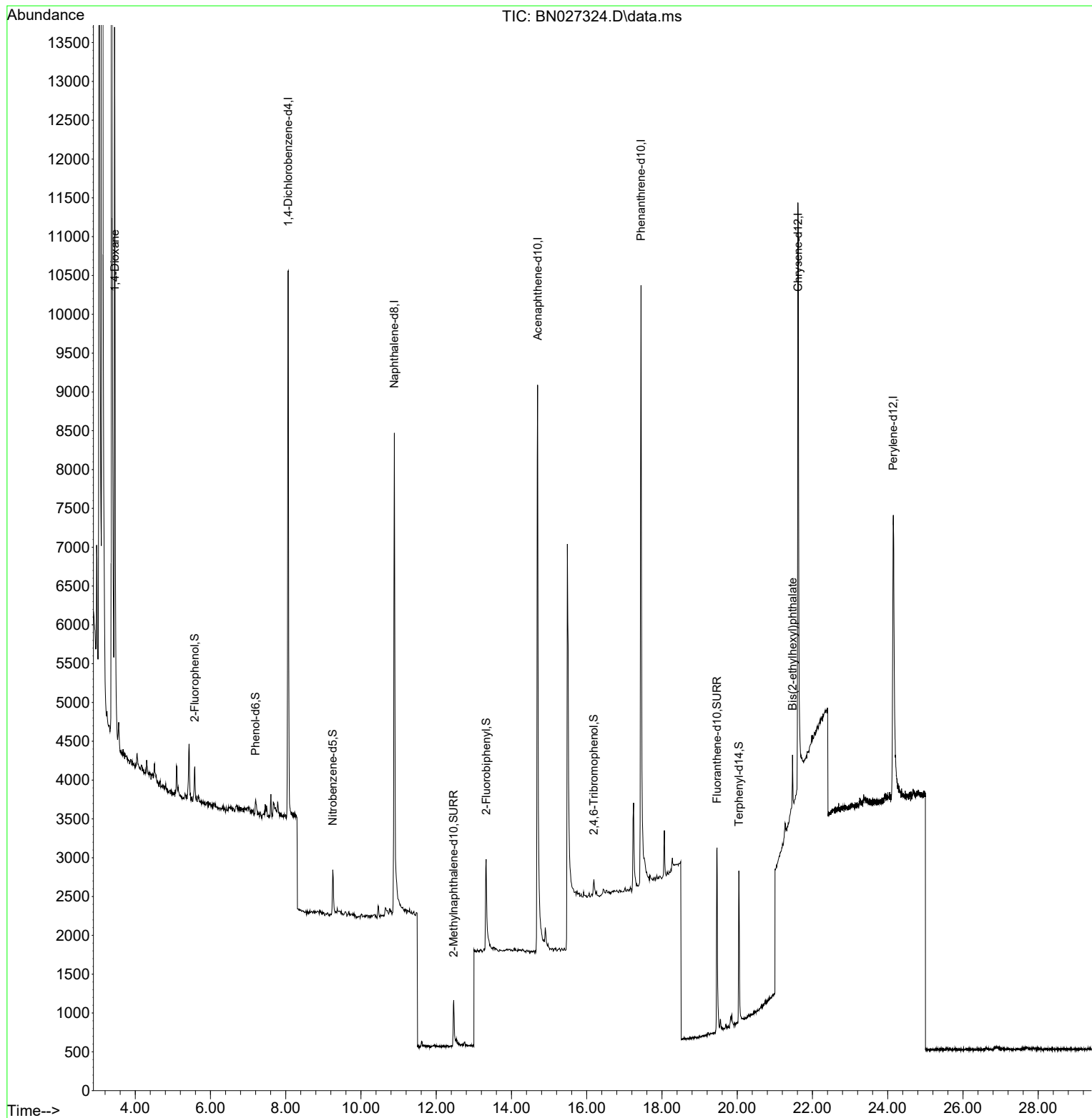
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.066	152	3738	0.400	ng	0.00
7) Naphthalene-d8	10.885	136	9859	0.400	ng	-0.01
13) Acenaphthene-d10	14.694	164	6024	0.400	ng	0.00
19) Phenanthrene-d10	17.443	188	14328	0.400	ng	0.00
29) Chrysene-d12	21.614	240	10279	0.400	ng	# 0.00
35) Perylene-d12	24.148	264	8067	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.582	112	372	0.038	ng	0.00
5) Phenol-d6	7.199	99	238	0.020	ng	0.00
8) Nitrobenzene-d5	9.251	82	603	0.084	ng	-0.01
11) 2-Methylnaphthalene-d10	12.460	152	1118	0.077	ng	-0.01
14) 2,4,6-Tribromophenol	16.189	330	181	0.081	ng	0.00
15) 2-Fluorobiphenyl	13.326	172	1722	0.075	ng	0.00
27) Fluoranthene-d10	19.463	212	3249	0.091	ng	0.00
31) Terphenyl-d14	20.043	244	2293	0.111	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.458	88	6469	1.418	ng	92
34) Bis(2-ethylhexyl)phtha...	21.471	149	695	0.041	ng	95

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

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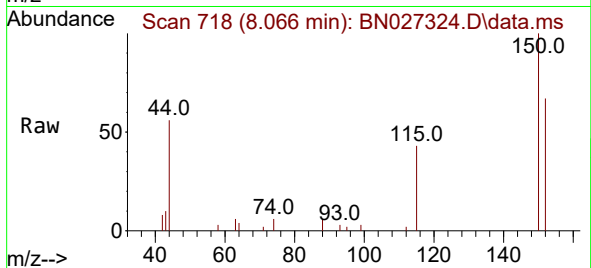
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 29 05:37:30 2023
Response via : Initial Calibration



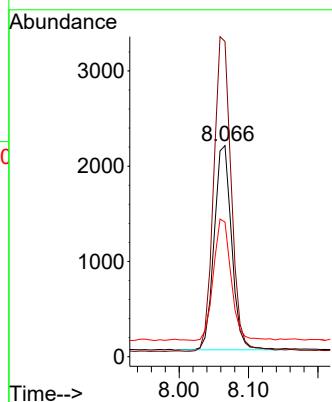
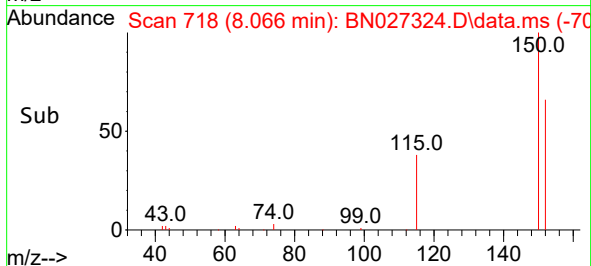


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.066 min Scan# 71
 Delta R.T. -0.007 min
 Lab File: BN027324.D
 Acq: 01 Sep 2023 00:22

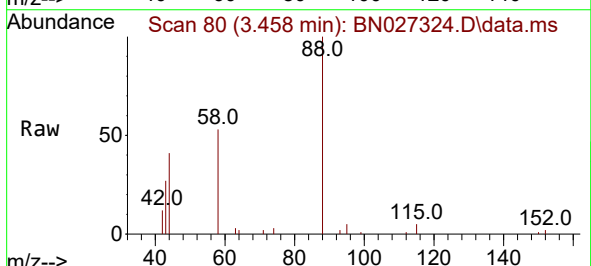
Instrument :
 BNA_N
 ClientSampleId :



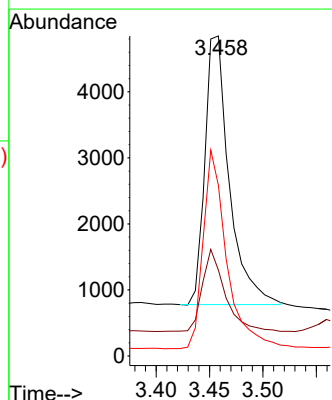
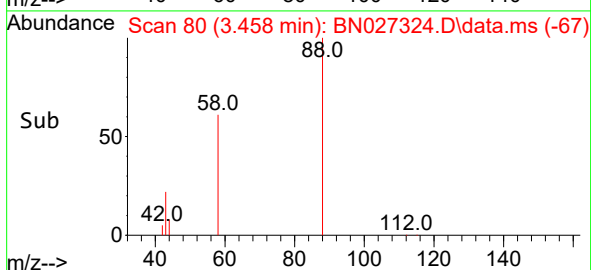
Tgt Ion:152 Resp: 3738
 Ion Ratio Lower Upper
 152 100
 150 149.3 122.7 184.1
 115 63.8 48.6 73.0



#2
 1,4-Dioxane
 Concen: 1.418 ng
 RT: 3.458 min Scan# 80
 Delta R.T. -0.007 min
 Lab File: BN027324.D
 Acq: 01 Sep 2023 00:22



Tgt Ion: 88 Resp: 6469
 Ion Ratio Lower Upper
 88 100
 43 28.5 19.1 28.7
 58 71.7 52.2 78.2

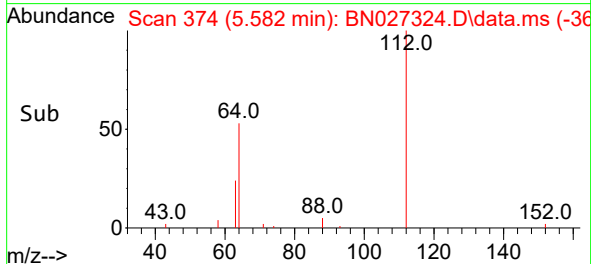
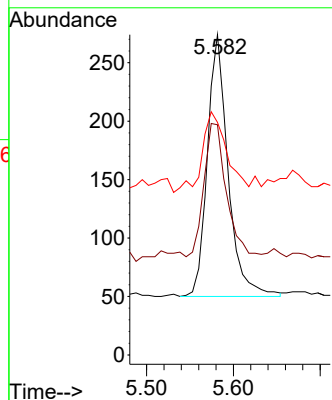
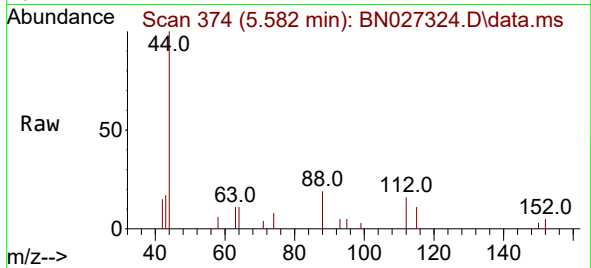




#4
2-Fluorophenol
Concen: 0.038 ng
RT: 5.582 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN027324.D
Acq: 01 Sep 2023 00:22

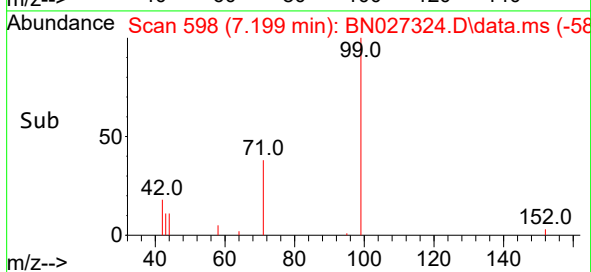
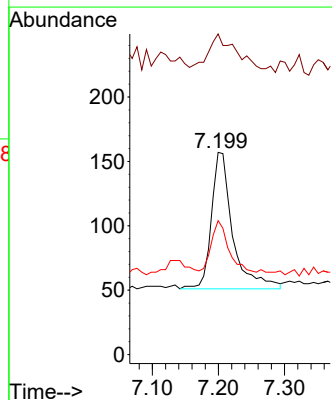
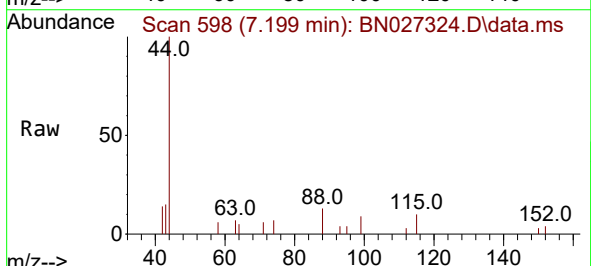
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 372
Ion Ratio Lower Upper
112 100
64 55.6 44.4 66.6
63 36.6 23.1 34.7#



#5
Phenol-d6
Concen: 0.020 ng
RT: 7.199 min Scan# 598
Delta R.T. -0.007 min
Lab File: BN027324.D
Acq: 01 Sep 2023 00:22

Tgt Ion: 99 Resp: 238
Ion Ratio Lower Upper
99 100
42 31.9 14.5 21.7#
71 29.8 25.8 38.6





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.885 min Scan# 994

Delta R.T. -0.011 min

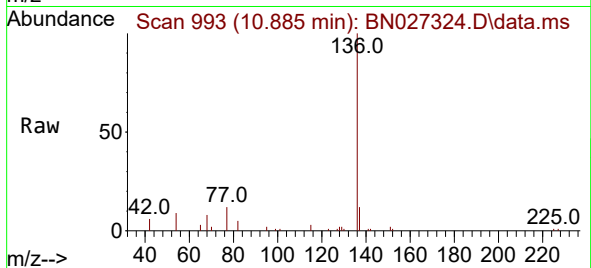
Lab File: BN027324.D

Acq: 01 Sep 2023 00:22

Instrument :

BNA_N

ClientSampleId :



Tgt Ion:136 Resp: 9859

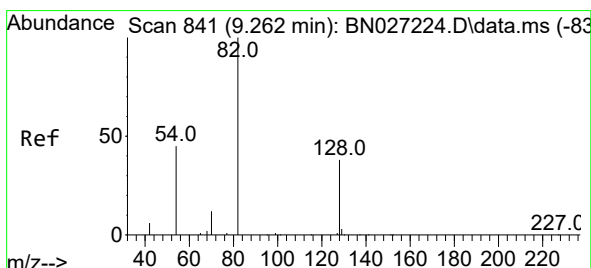
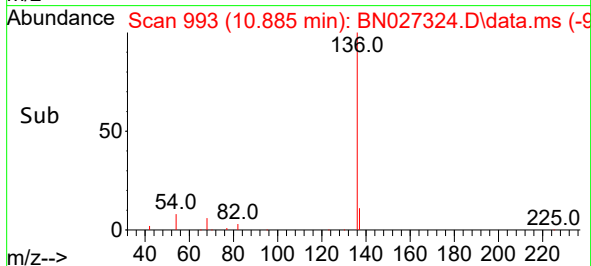
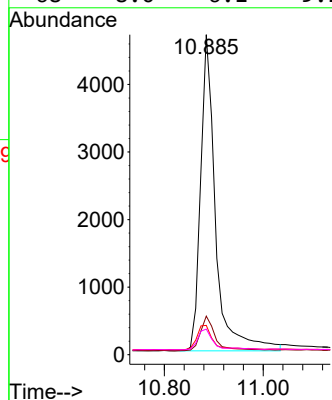
Ion Ratio Lower Upper

136 100

137 12.1 9.3 13.9

54 9.2 6.7 10.1

68 8.0 6.1 9.1



#8

Nitrobenzene-d5

Concen: 0.084 ng

RT: 9.251 min Scan# 840

Delta R.T. -0.011 min

Lab File: BN027324.D

Acq: 01 Sep 2023 00:22

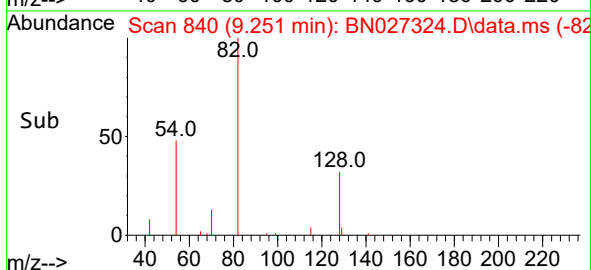
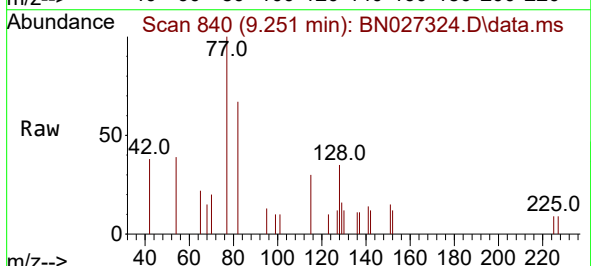
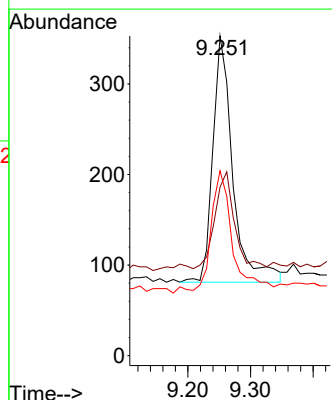
Tgt Ion: 82 Resp: 603

Ion Ratio Lower Upper

82 100

128 52.7 33.4 50.0#

54 57.8 37.7 56.5#

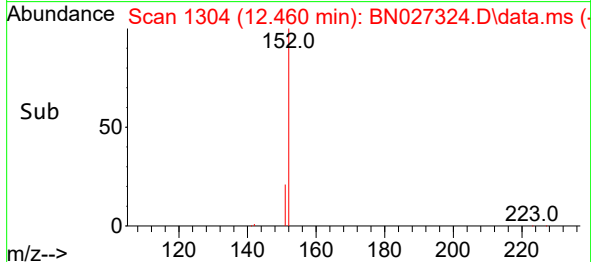
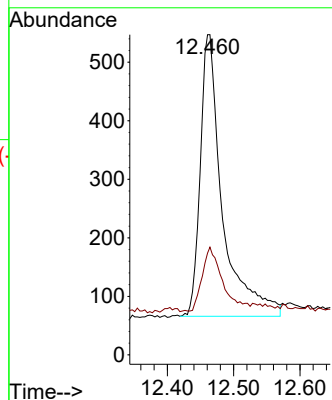
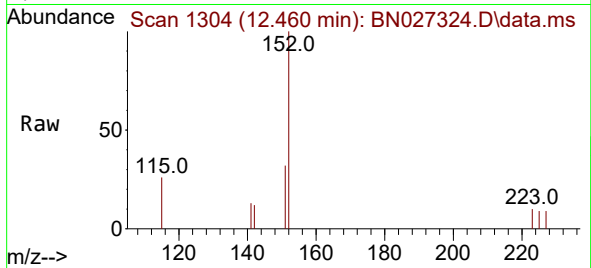




#11
2-Methylnaphthalene-d10
Concen: 0.077 ng
RT: 12.460 min Scan# 1118
Delta R.T. -0.011 min
Lab File: BN027324.D
Acq: 01 Sep 2023 00:22

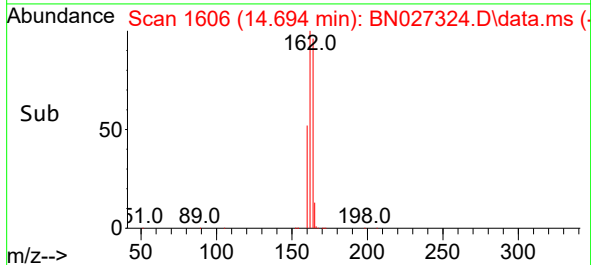
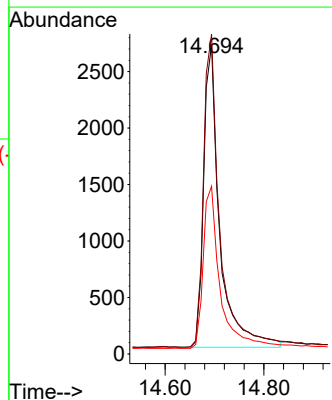
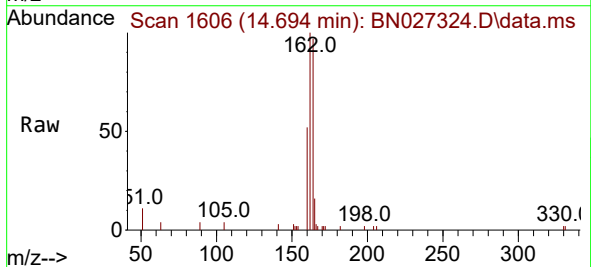
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 1118
Ion Ratio Lower Upper
152 100
151 20.8 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: BN027324.D
Acq: 01 Sep 2023 00:22

Tgt Ion:164 Resp: 6024
Ion Ratio Lower Upper
164 100
162 103.5 85.8 128.8
160 54.3 44.2 66.2

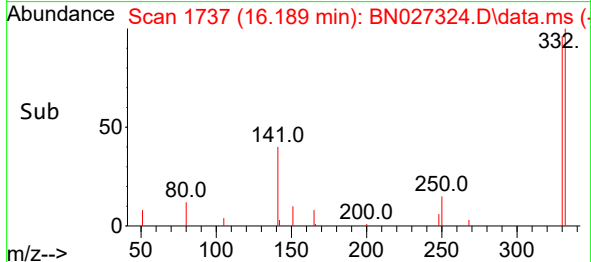
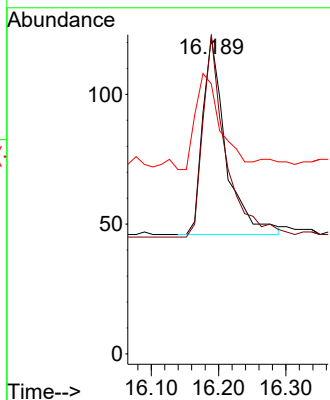
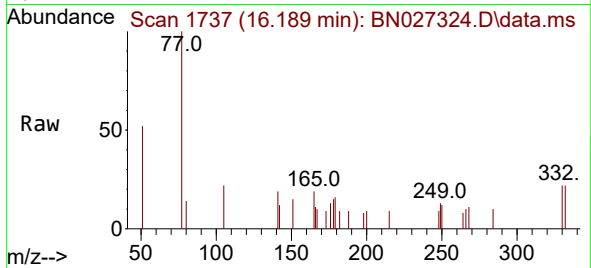




#14
2,4,6-Tribromophenol
Concen: 0.081 ng
RT: 16.189 min Scan# 1737
Delta R.T. 0.000 min
Lab File: BN027324.D
Acq: 01 Sep 2023 00:22

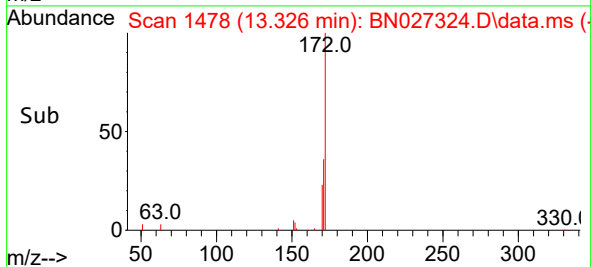
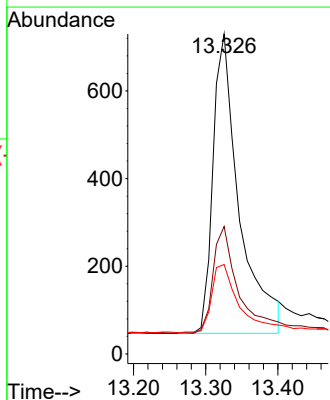
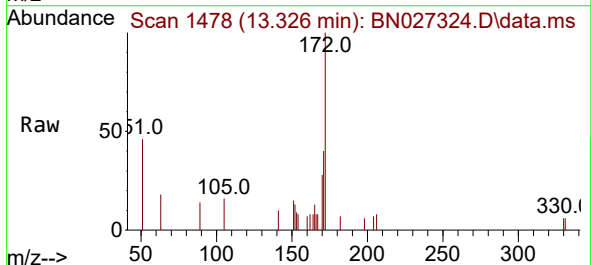
Instrument :
BNA_N
ClientSampleId :

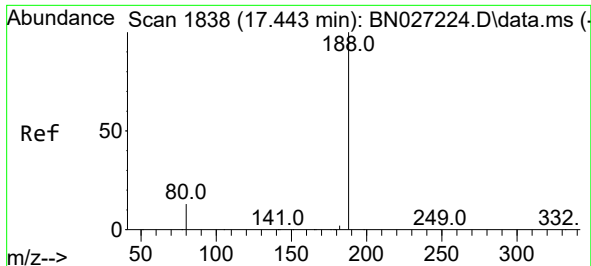
Tgt Ion:330 Resp: 181
Ion Ratio Lower Upper
330 100
332 100.6 75.2 112.8
141 54.1 36.2 54.4



#15
2-Fluorobiphenyl
Concen: 0.075 ng
RT: 13.326 min Scan# 1478
Delta R.T. 0.000 min
Lab File: BN027324.D
Acq: 01 Sep 2023 00:22

Tgt Ion:172 Resp: 1722
Ion Ratio Lower Upper
172 100
171 39.9 27.8 41.8
170 27.9 19.3 28.9





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.443 min Scan# 11

Delta R.T. 0.000 min

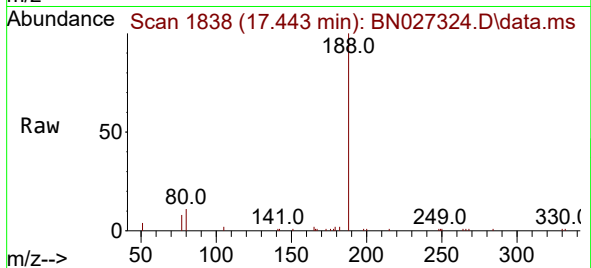
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Acq: 01 Sep 2023 00:22

Instrument :

BNA_N

ClientSampleId :



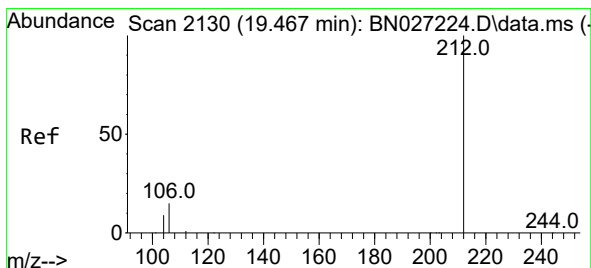
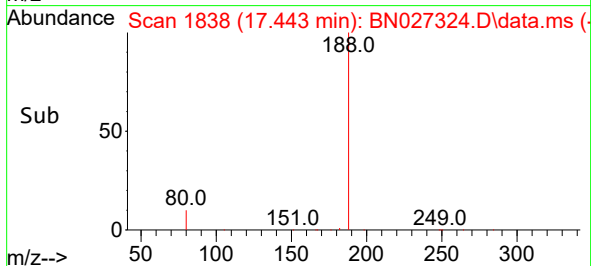
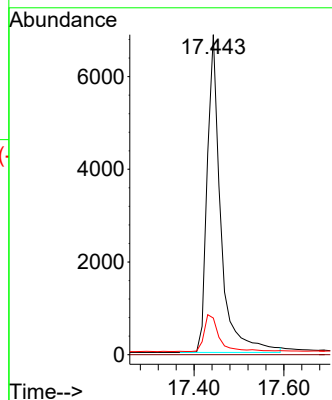
Tgt Ion:188 Resp: 14328

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.4 11.0 16.6



#27

Fluoranthene-d10

Concen: 0.091 ng

RT: 19.463 min Scan# 2129

Delta R.T. -0.005 min

Lab File: BN027324.D

Acq: 01 Sep 2023 00:22

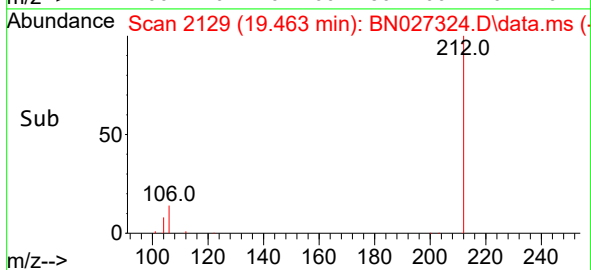
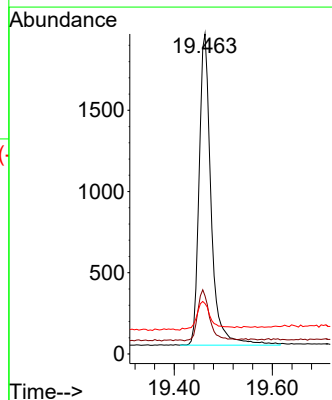
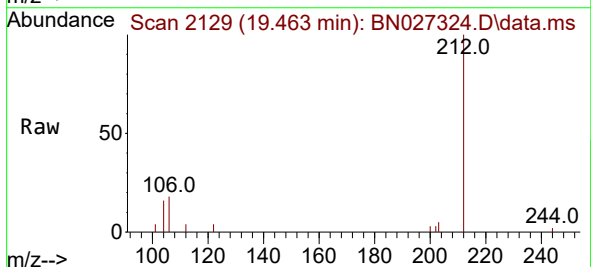
Tgt Ion:212 Resp: 3249

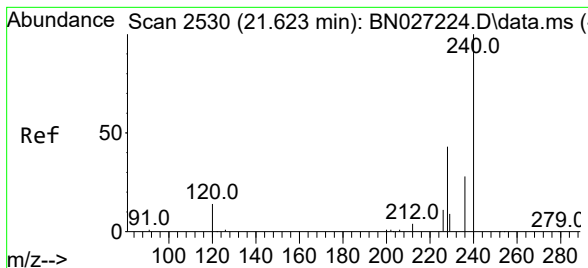
Ion Ratio Lower Upper

212 100

106 16.5 12.1 18.1

104 11.3 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: BN027324.D

Acq: 01 Sep 2023 00:22

Instrument :

BNA_N

ClientSampleId :

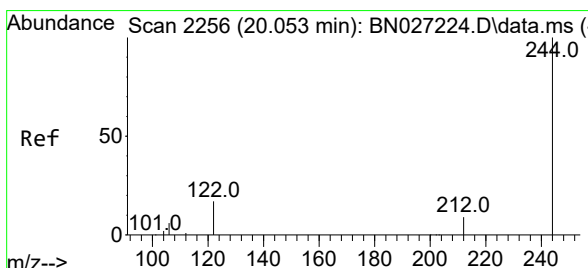
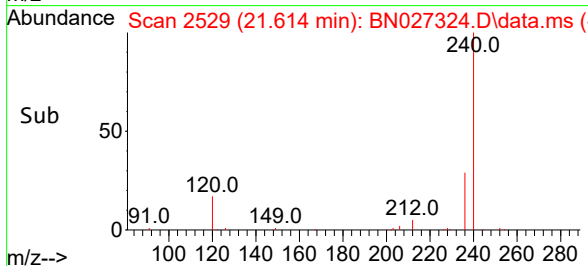
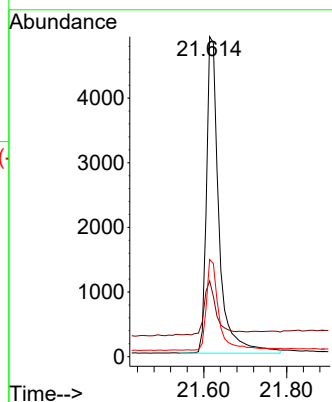
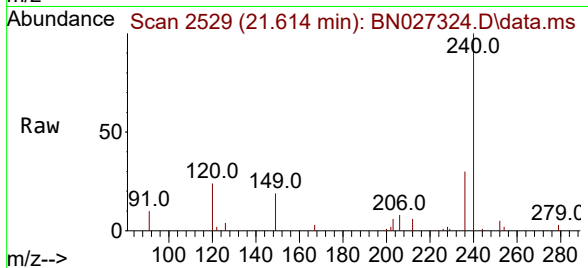
Tgt Ion:240 Resp: 10279

Ion Ratio Lower Upper

240 100

120 23.7 14.2 21.4#

236 30.3 22.9 34.3



#31

Terphenyl-d14

Concen: 0.111 ng

RT: 20.043 min Scan# 2254

Delta R.T. -0.009 min

Lab File: BN027324.D

Acq: 01 Sep 2023 00:22

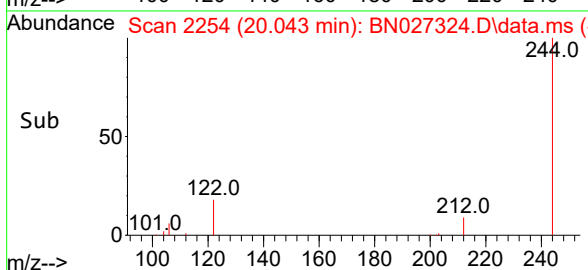
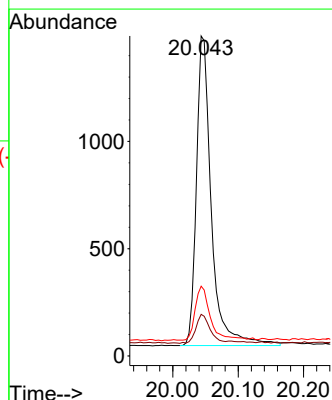
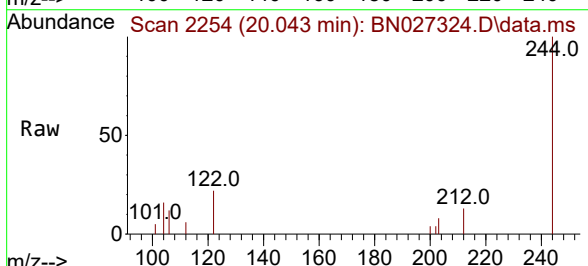
Tgt Ion:244 Resp: 2293

Ion Ratio Lower Upper

244 100

212 13.0 7.5 11.3#

122 21.8 14.0 21.0#

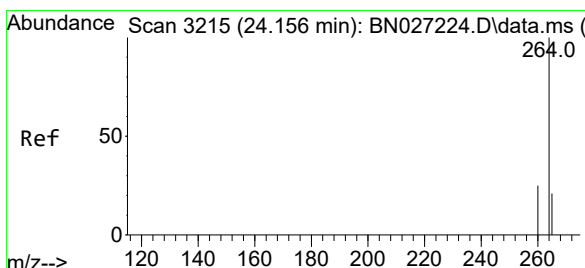
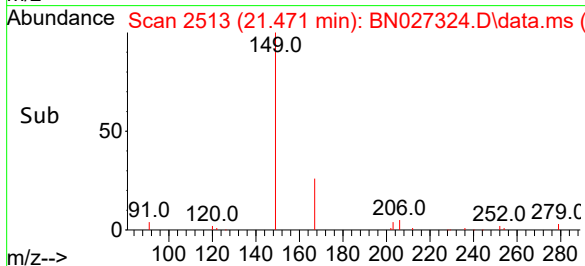
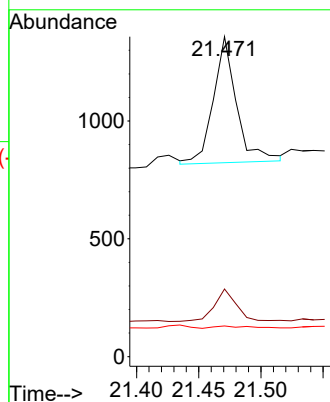
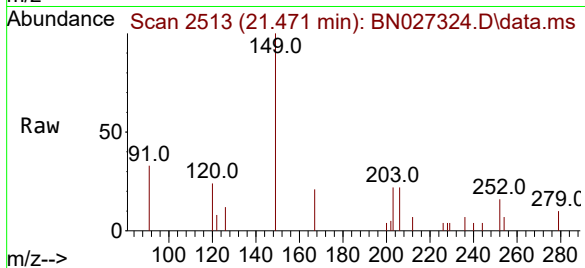




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.041 ng
 RT: 21.471 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN027324.D
 Acq: 01 Sep 2023 00:22

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:149 Resp: 695
 Ion Ratio Lower Upper
 149 100
 167 24.5 22.1 33.1
 279 3.0 2.7 4.1



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.148 min Scan# 3212
 Delta R.T. -0.009 min
 Lab File: BN027324.D
 Acq: 01 Sep 2023 00:22

Tgt Ion:264 Resp: 8067
 Ion Ratio Lower Upper
 264 100
 260 27.3 20.7 31.1
 265 107.8 53.3 79.9#

