

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053023\
 Data File : BN025724.D
 Acq On : 30 May 2023 19:34
 Operator : CG/JU
 Sample : 02880-03DL 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D6-20230517DL

Quant Time: May 31 04:48:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 29 00:47:45 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

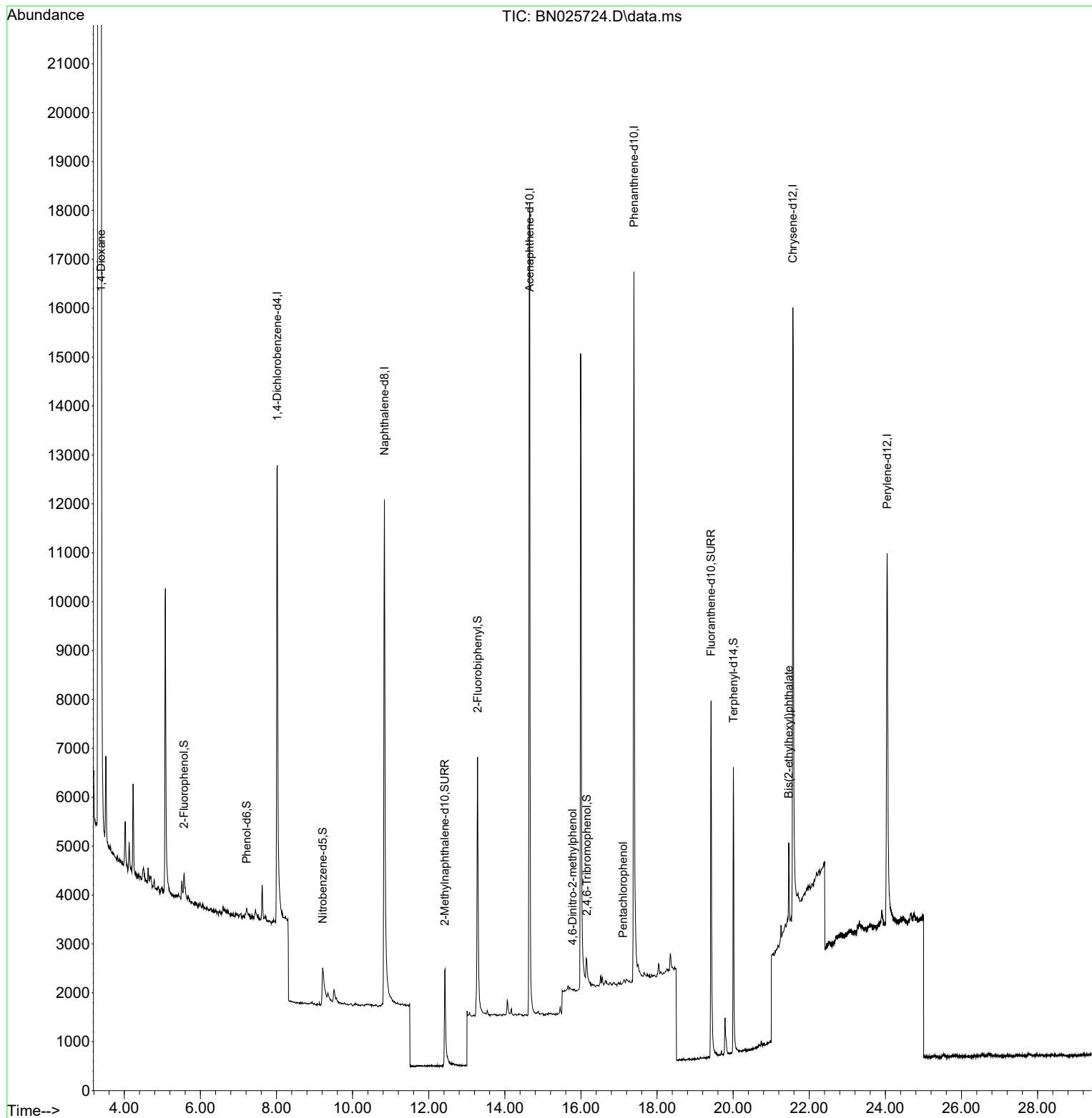
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.020	152	6579	0.400	ng	0.00
7) Naphthalene-d8	10.835	136	18879	0.400	ng	# 0.00
13) Acenaphthene-d10	14.651	164	11444	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	23883	0.400	ng	# 0.00
29) Chrysene-d12	21.569	240	15647	0.400	ng	0.00
35) Perylene-d12	24.046	264	13630	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.571	112	807	0.048	ng	0.01
5) Phenol-d6	7.218	99	408	0.020	ng	0.04
8) Nitrobenzene-d5	9.212	82	1716	0.109	ng	0.02
11) 2-Methylnaphthalene-d10	12.423	152	4147	0.154	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	377	0.163	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	6055	0.128	ng	0.00
27) Fluoranthene-d10	19.421	212	10087	0.186	ng	0.00
31) Terphenyl-d14	20.006	244	6367	0.186	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.390	88	19118	2.509	ng	Qvalue 100
20) 4,6-Dinitro-2-methylph...	15.780	198	2	0.114	ng	# 1
24) Pentachlorophenol	17.108	266	13	0.374	ng	# 48
34) Bis(2-ethylhexyl)phtha...	21.462	149	1816	0.051	ng	# 99

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

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Sample : 02880-03DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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RE132D6-20230517DL

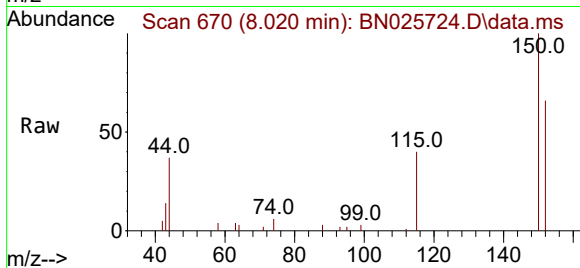
Quant Time: May 31 04:48:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 29 00:47:45 2023
Response via : Initial Calibration



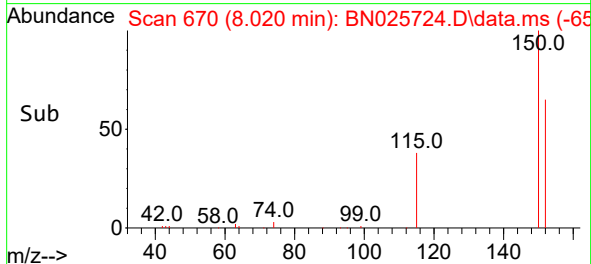
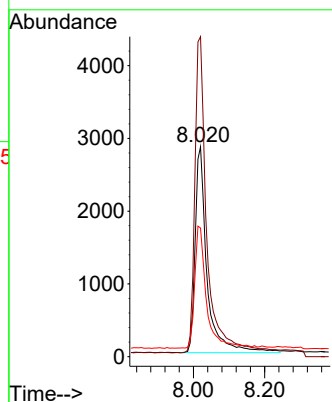


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.020 min Scan# 61
Delta R.T. 0.001 min
Lab File: BN025724.D
Acq: 30 May 2023 19:34

Instrument :
BNA_N
ClientSampleId :
RE132D6-20230517DL

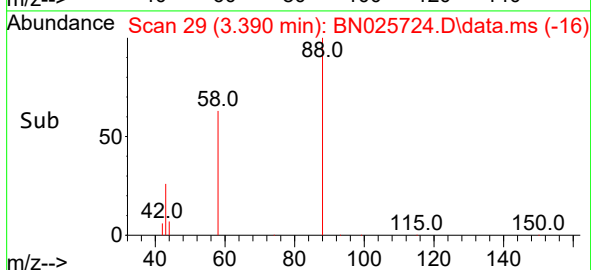
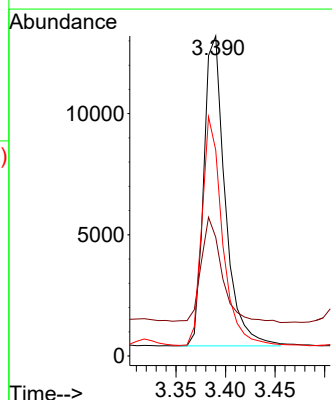
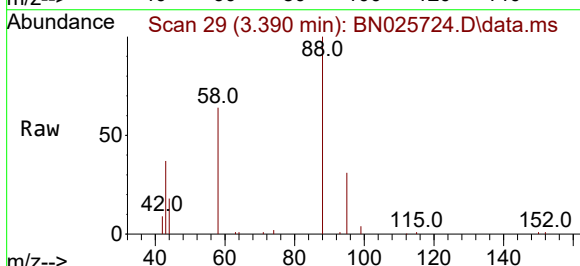


Tgt Ion:152 Resp: 6579
Ion Ratio Lower Upper
152 100
150 152.4 121.0 181.6
115 61.3 48.5 72.7



#2
1,4-Dioxane
Concen: 2.509 ng
RT: 3.390 min Scan# 29
Delta R.T. -0.007 min
Lab File: BN025724.D
Acq: 30 May 2023 19:34

Tgt Ion: 88 Resp: 19118
Ion Ratio Lower Upper
88 100
43 33.3 26.5 39.7
58 70.5 56.8 85.2

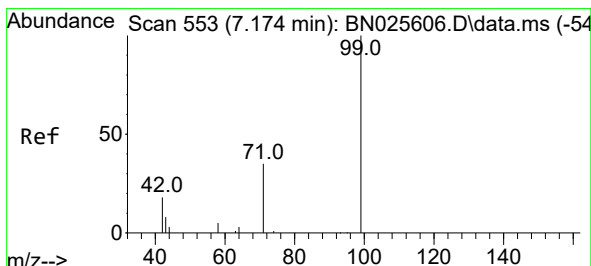
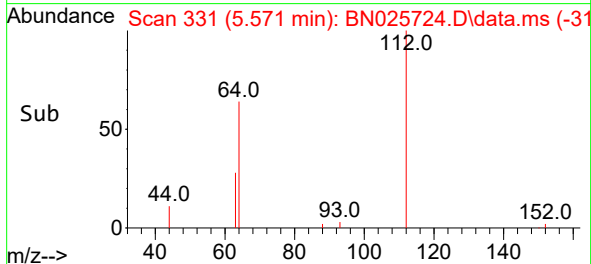
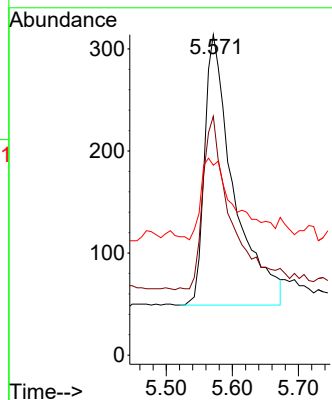
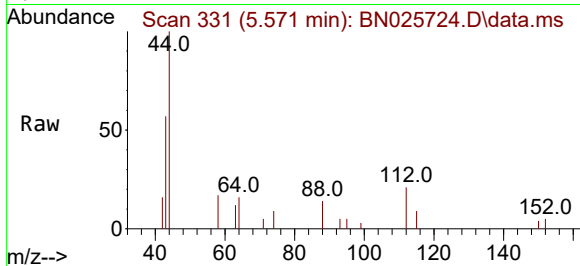




#4
2-Fluorophenol
Concen: 0.048 ng
RT: 5.571 min Scan# 31
Delta R.T. 0.015 min
Lab File: BN025724.D
Acq: 30 May 2023 19:34

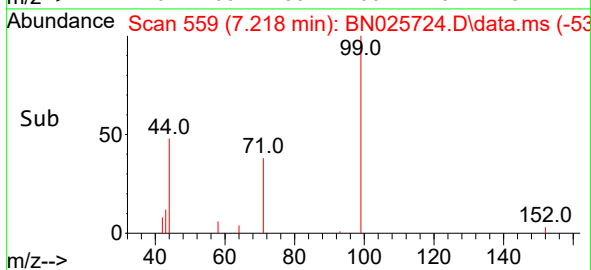
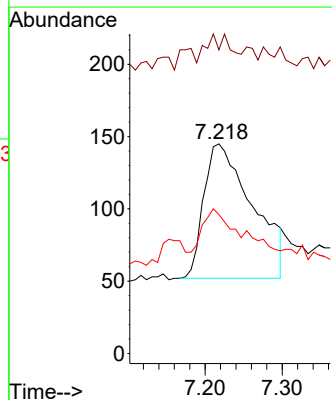
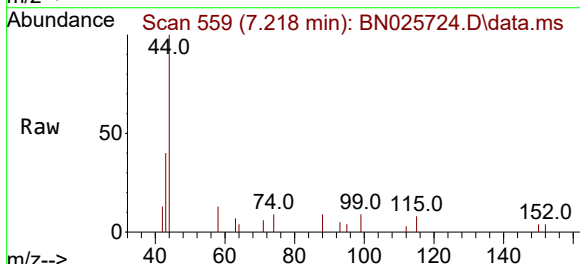
Instrument :
BNA_N
ClientSampleId :
RE132D6-20230517DL

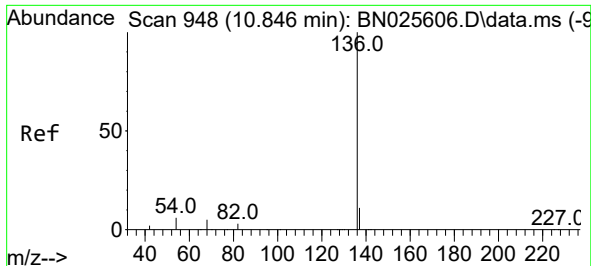
Tgt Ion:112 Resp: 807
Ion Ratio Lower Upper
112 100
64 63.9 45.7 68.5
63 35.1 26.2 39.2



#5
Phenol-d6
Concen: 0.020 ng
RT: 7.218 min Scan# 559
Delta R.T. 0.043 min
Lab File: BN025724.D
Acq: 30 May 2023 19:34

Tgt Ion: 99 Resp: 408
Ion Ratio Lower Upper
99 100
42 9.8 17.1 25.7#
71 27.9 29.3 43.9#

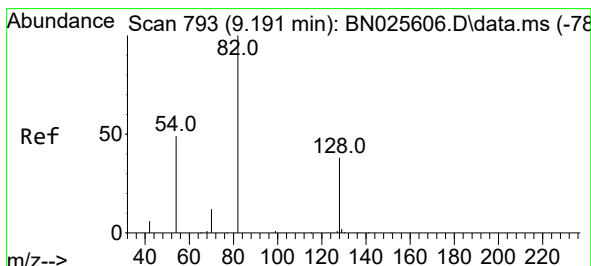
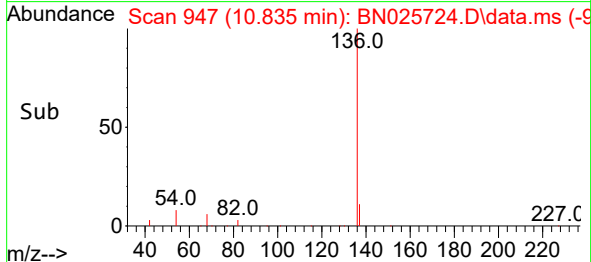
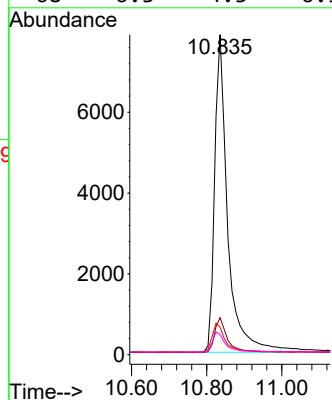
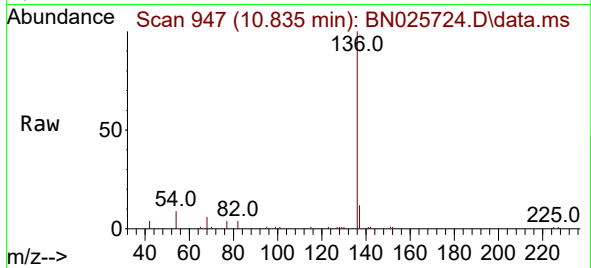




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.835 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN025724.D
Acq: 30 May 2023 19:34

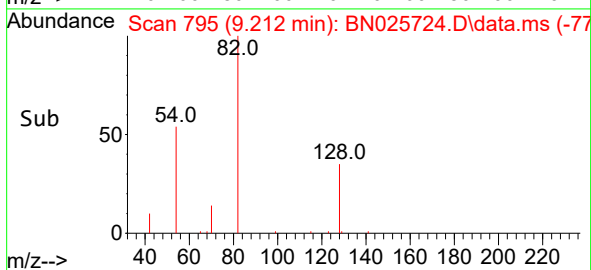
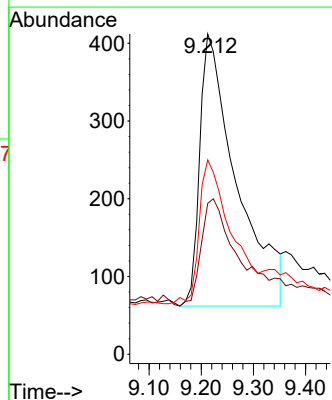
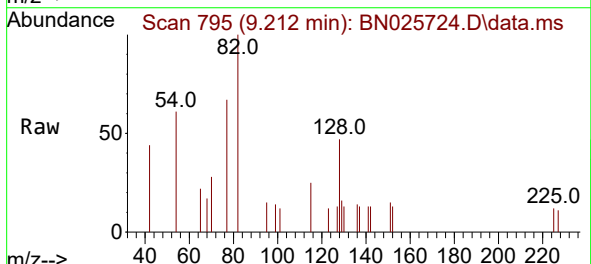
Instrument :
BNA_N
ClientSampleId :
RE132D6-20230517DL

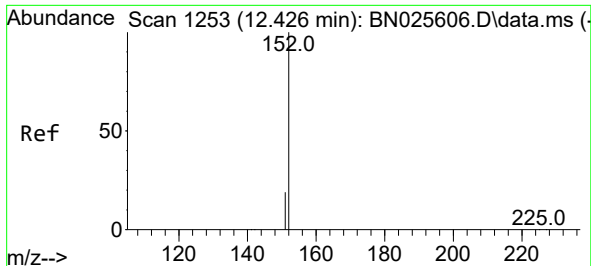
Tgt Ion:	136	Resp:	18879
Ion Ratio	Lower	Upper	
136	100		
137	11.6	9.1	13.7
54	8.6	5.4	8.0
68	6.3	4.3	6.5



#8
Nitrobenzene-d5
Concen: 0.109 ng
RT: 9.212 min Scan# 795
Delta R.T. 0.021 min
Lab File: BN025724.D
Acq: 30 May 2023 19:34

Tgt Ion:	82	Resp:	1716
Ion Ratio	Lower	Upper	
82	100		
128	47.1	32.5	48.7
54	60.7	40.6	60.8





#11

2-Methylnaphthalene-d10

Concen: 0.154 ng

RT: 12.423 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN025724.D

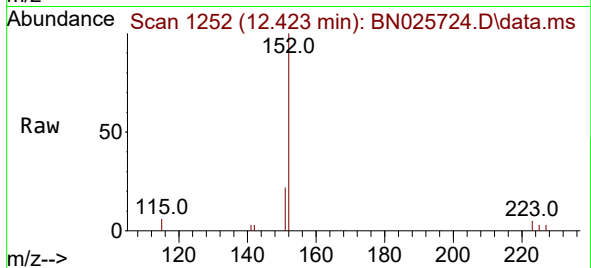
Acq: 30 May 2023 19:34

Instrument :

BNA_N

ClientSampleId :

RE132D6-20230517DL

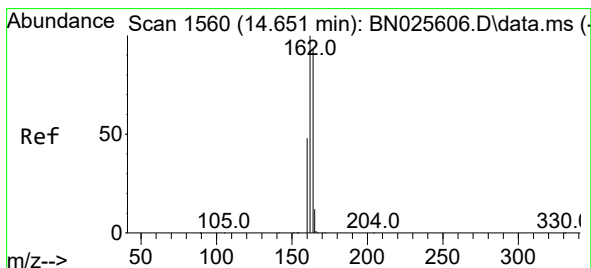
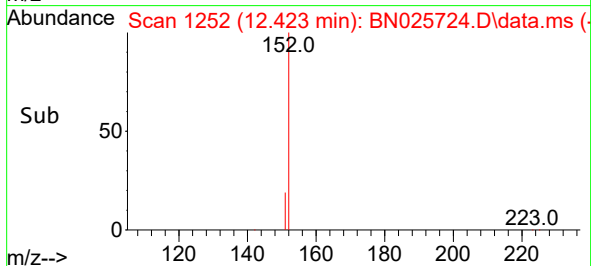
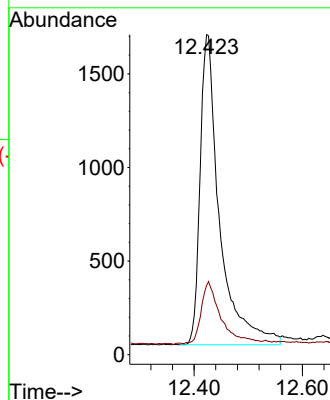


Tgt Ion:152 Resp: 4147

Ion Ratio Lower Upper

152 100

151 20.0 16.1 24.1



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.651 min Scan# 1560

Delta R.T. 0.000 min

Lab File: BN025724.D

Acq: 30 May 2023 19:34

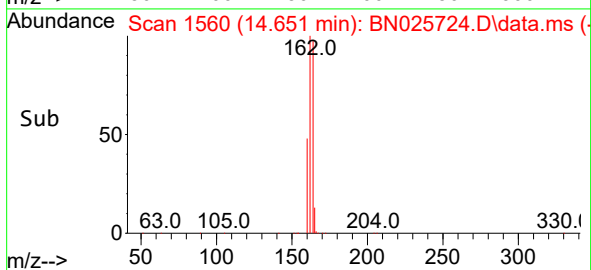
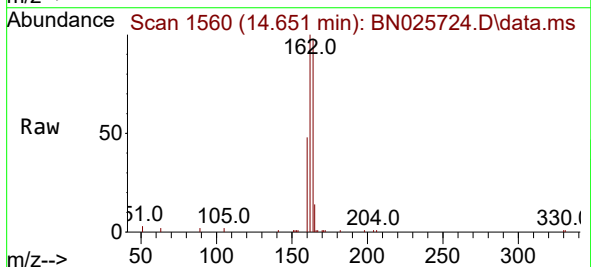
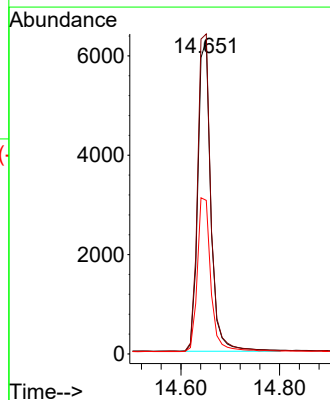
Tgt Ion:164 Resp: 11444

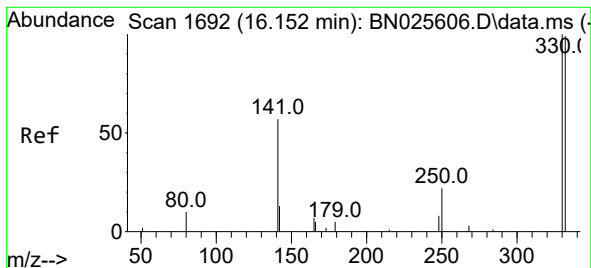
Ion Ratio Lower Upper

164 100

162 101.9 86.4 129.6

160 48.9 41.9 62.9

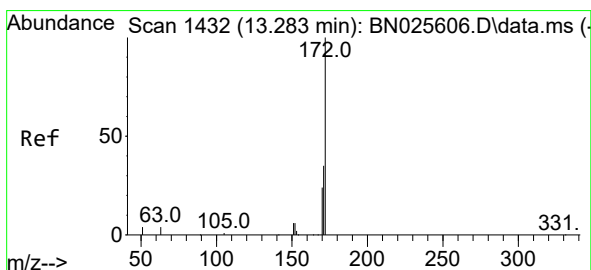
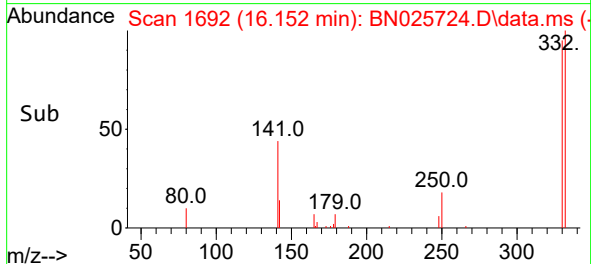
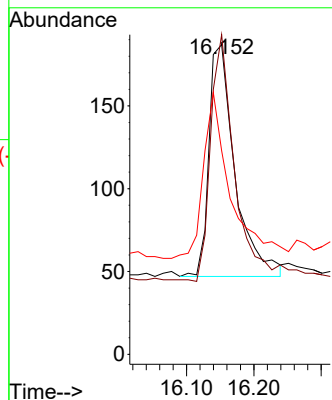
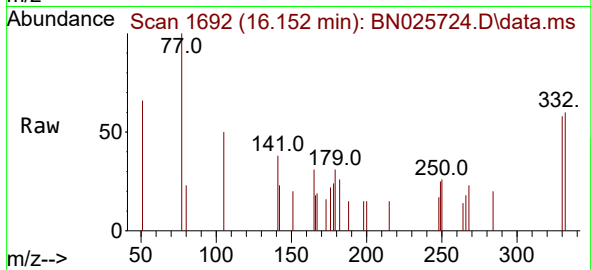




#14
2,4,6-Tribromophenol
Concen: 0.163 ng
RT: 16.152 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BN025724.D
Acq: 30 May 2023 19:34

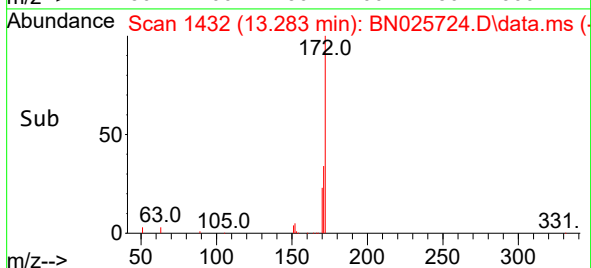
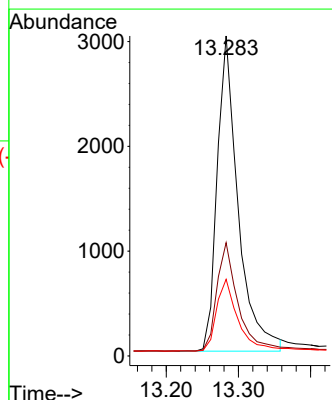
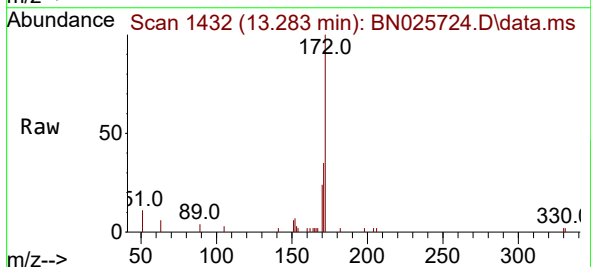
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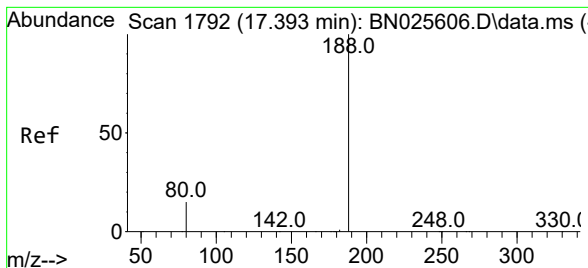
Tgt Ion:330 Resp: 377
Ion Ratio Lower Upper
330 100
332 97.9 80.0 120.0
141 73.5 45.8 68.6#



#15
2-Fluorobiphenyl
Concen: 0.128 ng
RT: 13.283 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BN025724.D
Acq: 30 May 2023 19:34

Tgt Ion:172 Resp: 6055
Ion Ratio Lower Upper
172 100
171 35.4 28.6 42.8
170 23.9 19.7 29.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.393 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN025724.D

Acq: 30 May 2023 19:34

Instrument :

BNA_N

ClientSampleId :

RE132D6-20230517DL

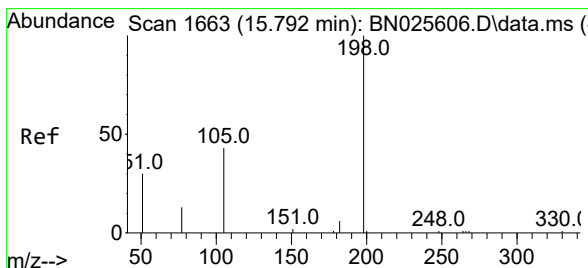
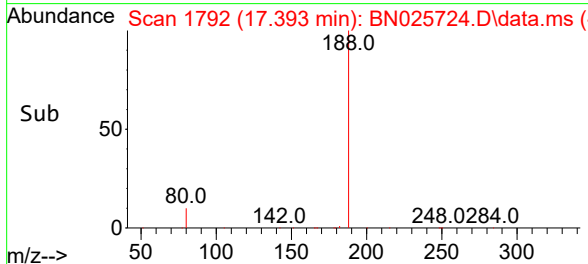
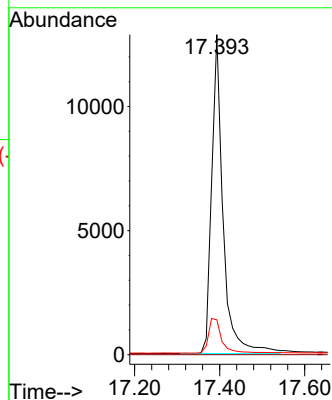
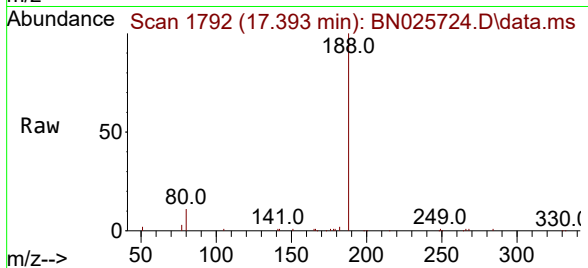
Tgt Ion:188 Resp: 23883

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.9 12.2 18.2#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.114 ng

RT: 15.780 min Scan# 1662

Delta R.T. -0.012 min

Lab File: BN025724.D

Acq: 30 May 2023 19:34

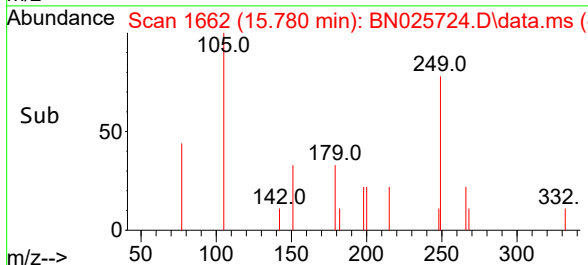
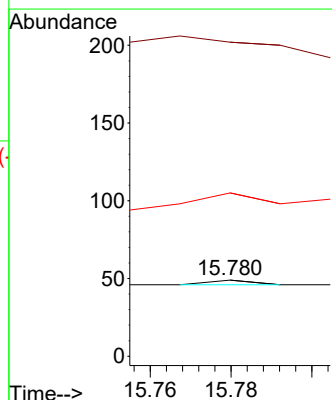
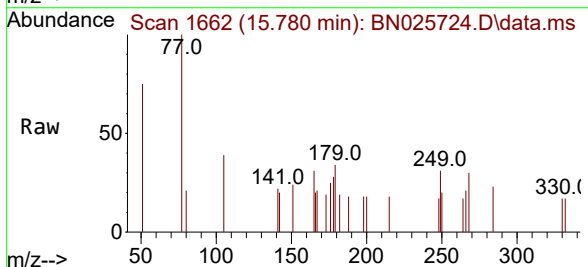
Tgt Ion:198 Resp: 2

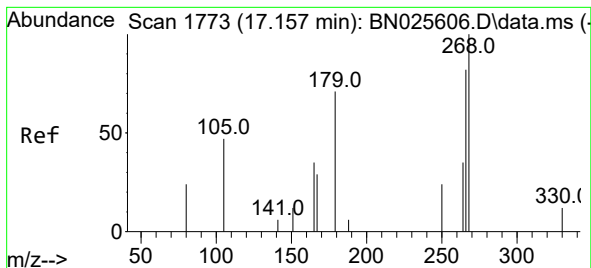
Ion Ratio Lower Upper

198 100

51 412.2 110.8 166.2#

105 214.3 61.9 92.9#





#24

Pentachlorophenol

Concen: 0.374 ng

RT: 17.108 min Scan# 1769

Delta R.T. 0.037 min

Lab File: BN025724.D

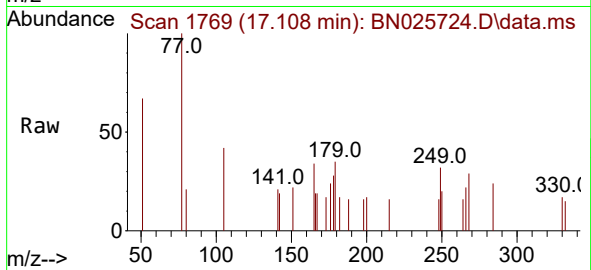
Acq: 30 May 2023 19:34

Instrument :

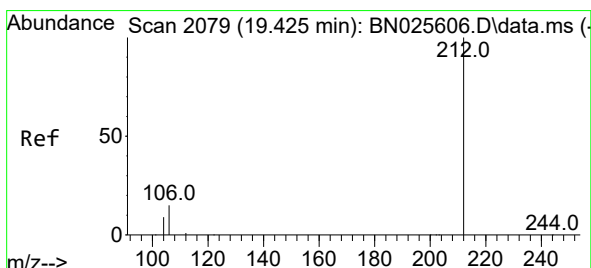
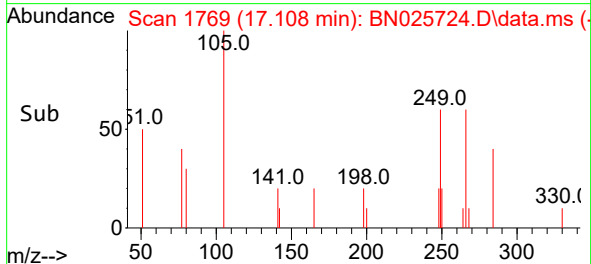
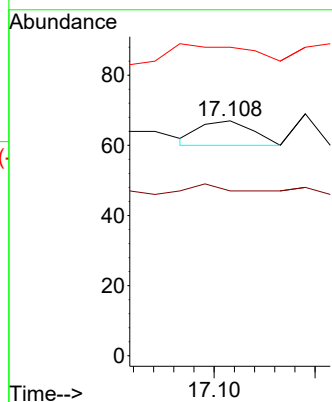
BNA_N

ClientSampleId :

RE132D6-20230517DL



Tgt Ion:	266	Resp:	13
Ion Ratio	Lower	Upper	
266	100		
264	30.8	60.0	90.0#
268	0.0	0.0	0.0



#27

Fluoranthene-d10

Concen: 0.186 ng

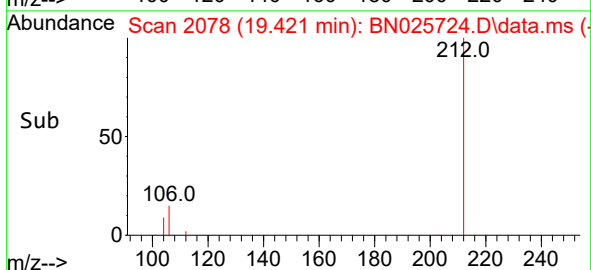
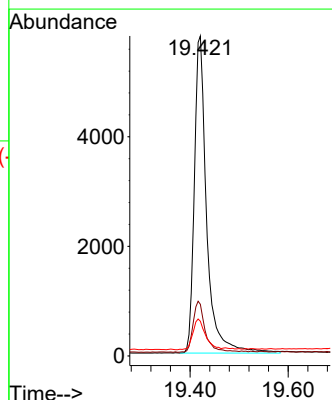
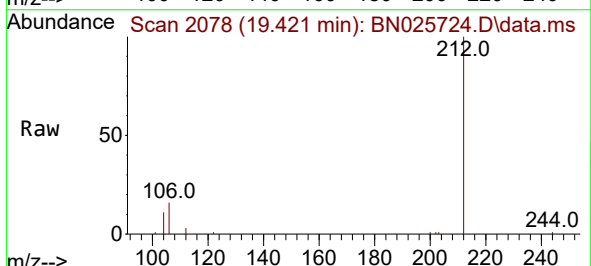
RT: 19.421 min Scan# 2078

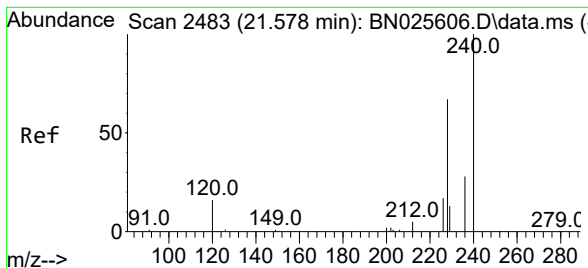
Delta R.T. 0.000 min

Lab File: BN025724.D

Acq: 30 May 2023 19:34

Tgt Ion:	212	Resp:	10087
Ion Ratio	Lower	Upper	
212	100		
106	15.9	12.3	18.5
104	9.9	7.2	10.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.569 min Scan# 2482

Delta R.T. -0.009 min

Lab File: BN025724.D

Acq: 30 May 2023 19:34

Instrument :

BNA_N

ClientSampleId :

RE132D6-20230517DL

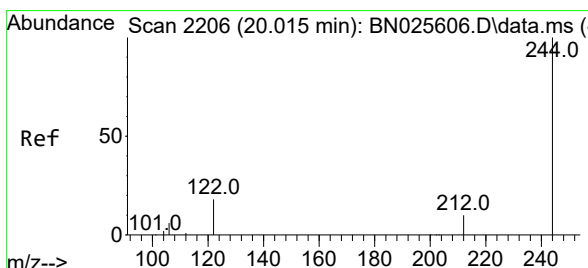
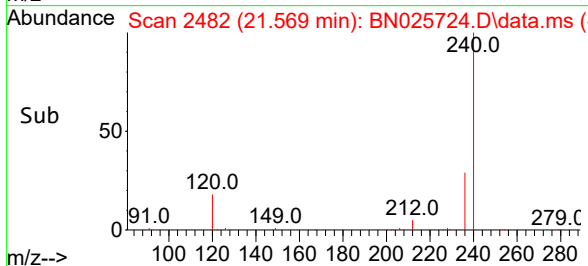
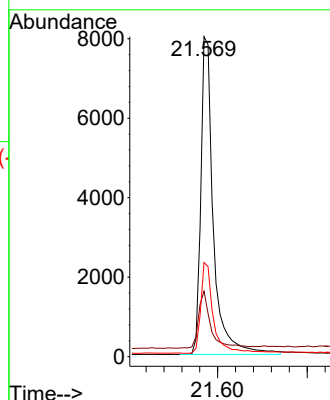
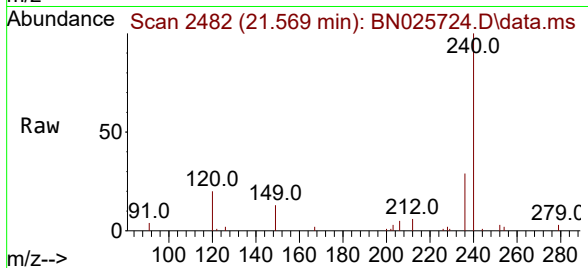
Tgt Ion:240 Resp: 15647

Ion Ratio Lower Upper

240 100

120 20.4 15.4 23.0

236 29.4 23.2 34.8



#31

Terphenyl-d14

Concen: 0.186 ng

RT: 20.006 min Scan# 2204

Delta R.T. -0.009 min

Lab File: BN025724.D

Acq: 30 May 2023 19:34

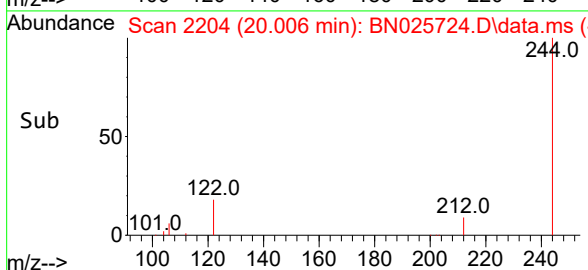
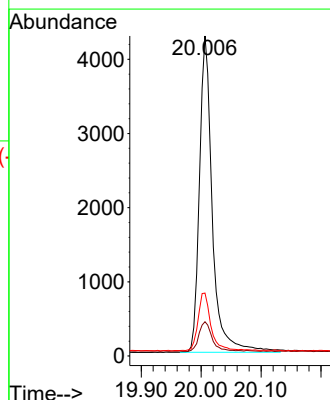
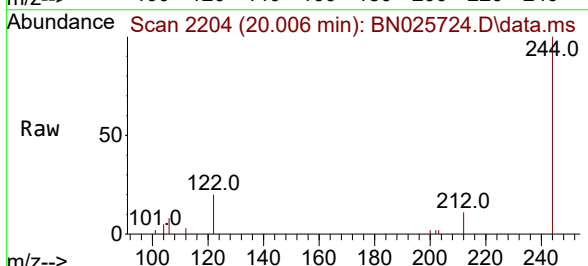
Tgt Ion:244 Resp: 6367

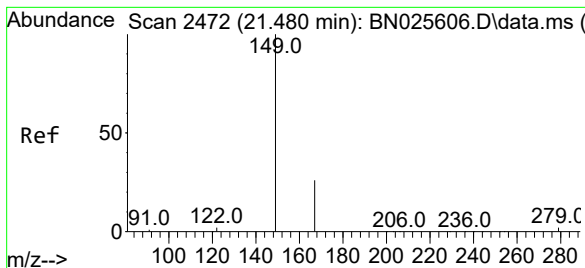
Ion Ratio Lower Upper

244 100

212 10.7 8.5 12.7

122 19.7 14.9 22.3

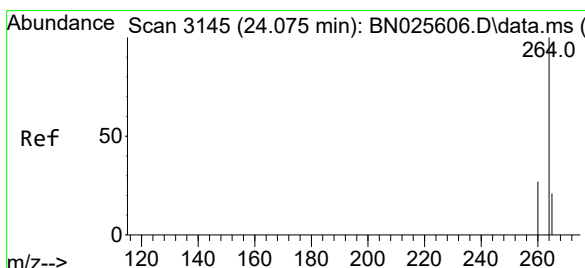
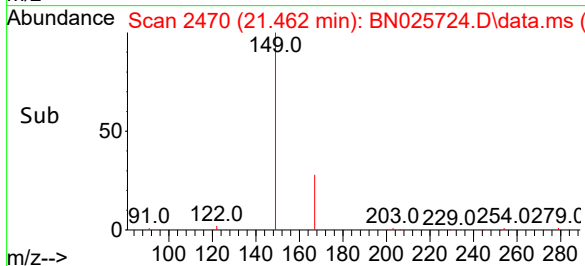
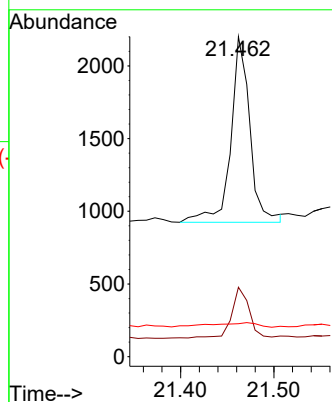
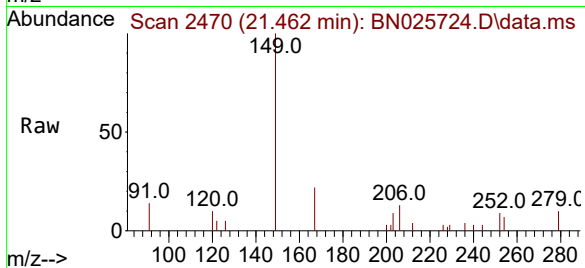




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.051 ng
 RT: 21.462 min Scan# 2470
 Delta R.T. -0.009 min
 Lab File: BN025724.D
 Acq: 30 May 2023 19:34

Instrument :
 BNA_N
 ClientSampleId :
 RE132D6-20230517DL

Tgt Ion:149 Resp: 1816
 Ion Ratio Lower Upper
 149 100
 167 25.6 20.4 30.6
 279 5.9 3.3 4.9#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.046 min Scan# 3135
 Delta R.T. -0.023 min
 Lab File: BN025724.D
 Acq: 30 May 2023 19:34

Tgt Ion:264 Resp: 13630
 Ion Ratio Lower Upper
 264 100
 260 26.8 22.3 33.5
 265 50.9 54.3 81.5#

