

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053023\
 Data File : BN025723.D
 Acq On : 30 May 2023 18:58
 Operator : CG/JU
 Sample : 02880-02DL 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D5-20230517DL

Quant Time: May 31 04:47:53 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)

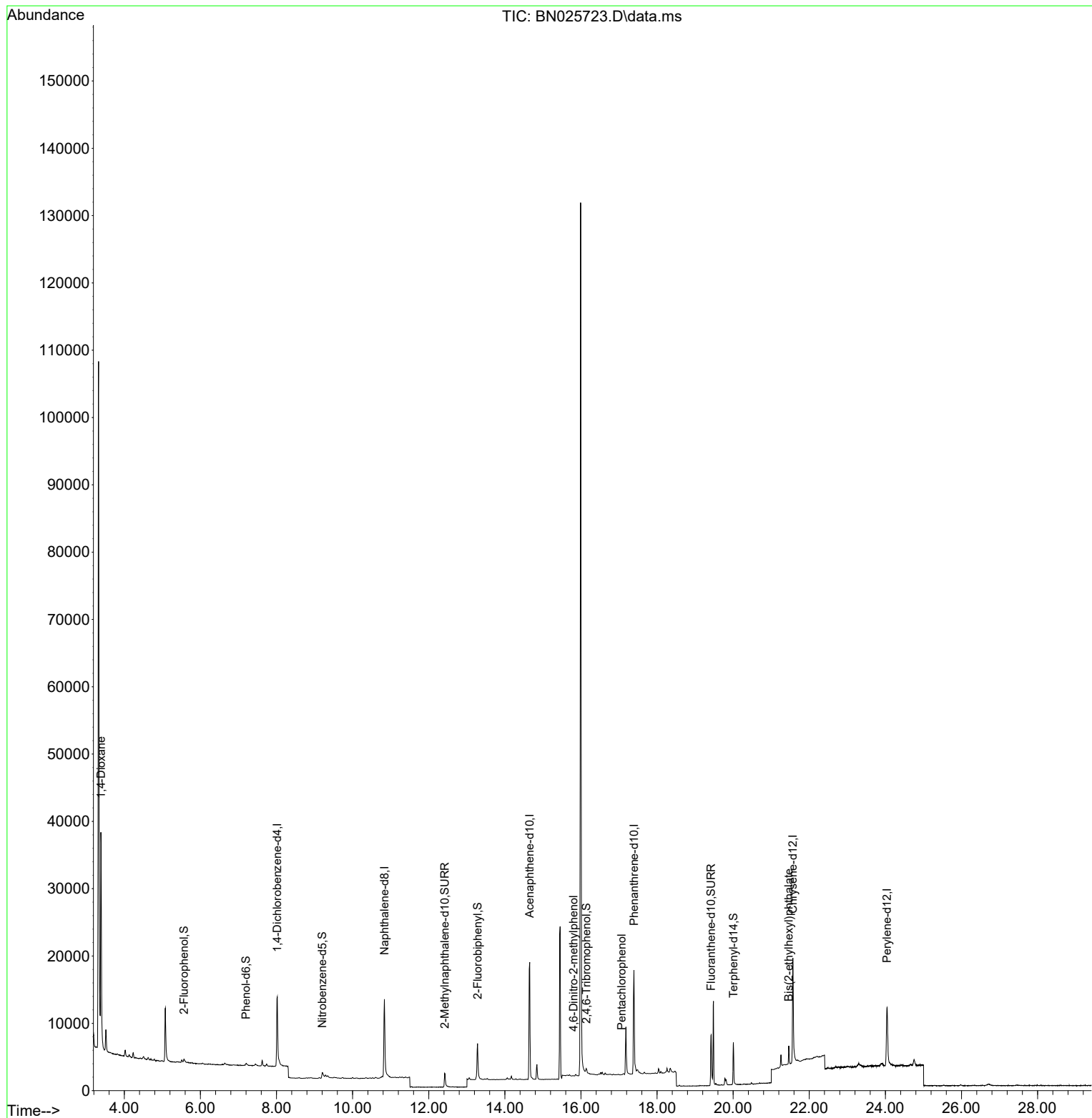
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.019	152	6551	0.400	ng	0.00
7) Naphthalene-d8	10.835	136	19302	0.400	ng	# 0.00
13) Acenaphthene-d10	14.651	164	11529	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	23904	0.400	ng	# 0.00
29) Chrysene-d12	21.569	240	17175	0.400	ng	0.00
35) Perylene-d12	24.042	264	15410	0.400	ng	#-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.571	112	808	0.048	ng	0.01
5) Phenol-d6	7.196	99	502	0.025	ng	0.02
8) Nitrobenzene-d5	9.202	82	1580	0.098	ng	0.01
11) 2-Methylnaphthalene-d10	12.419	152	3950	0.143	ng	0.00
14) 2,4,6-Tribromophenol	16.139	330	414	0.178	ng	-0.01
15) 2-Fluorobiphenyl	13.283	172	5832	0.123	ng	0.00
27) Fluoranthene-d10	19.421	212	9731	0.180	ng	0.00
31) Terphenyl-d14	20.006	244	6297	0.167	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.390	88	21808	2.875	ng	99
20) 4,6-Dinitro-2-methylph...	15.804	198	2	0.114	ng	# 1
24) Pentachlorophenol	17.070	266	22	0.380	ng	# 12
34) Bis(2-ethylhexyl)phtha...	21.462	149	2631	0.068	ng	# 95

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053023\
Data File : BN025723.D
Acq On : 30 May 2023 18:58
Operator : CG/JU
Sample : 02880-02DL 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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RE132D5-20230517DL

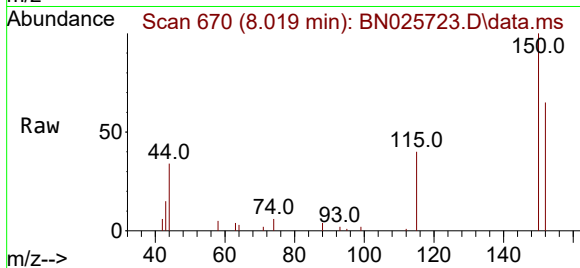
Quant Time: May 31 04:47:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 29 00:47:45 2023
Response via : Initial Calibration



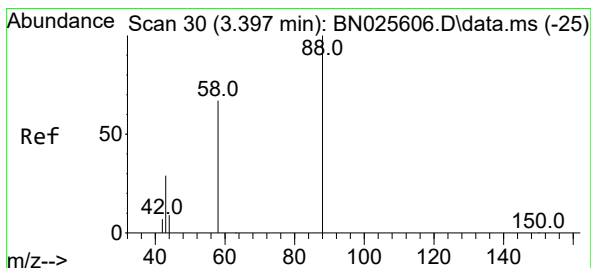
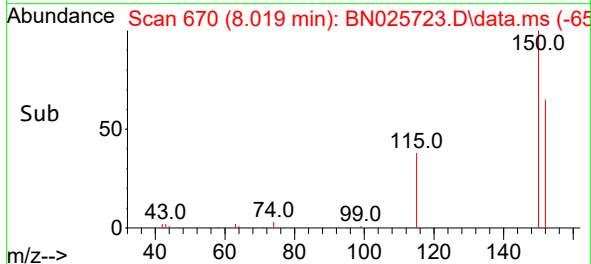
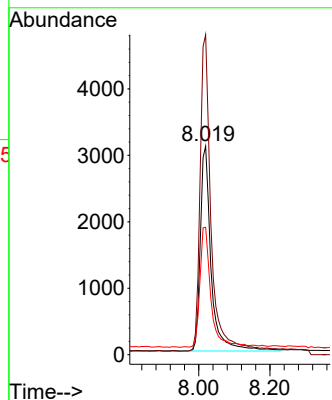


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.019 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN025723.D
Acq: 30 May 2023 18:58

Instrument :
BNA_N
ClientSampleId :
RE132D5-20230517DL

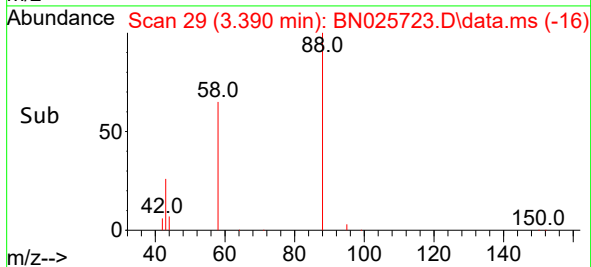
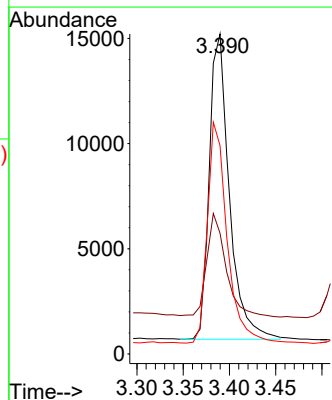
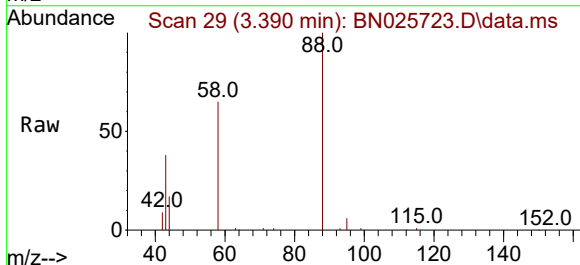


Tgt Ion:152 Resp: 6551
Ion Ratio Lower Upper
152 100
150 153.4 121.0 181.6
115 61.1 48.5 72.7



#2
1,4-Dioxane
Concen: 2.875 ng
RT: 3.390 min Scan# 29
Delta R.T. -0.007 min
Lab File: BN025723.D
Acq: 30 May 2023 18:58

Tgt Ion: 88 Resp: 21808
Ion Ratio Lower Upper
88 100
43 32.8 26.5 39.7
58 71.5 56.8 85.2

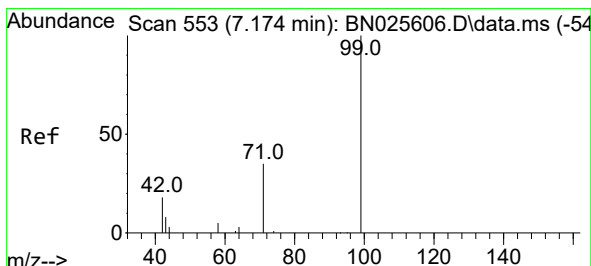
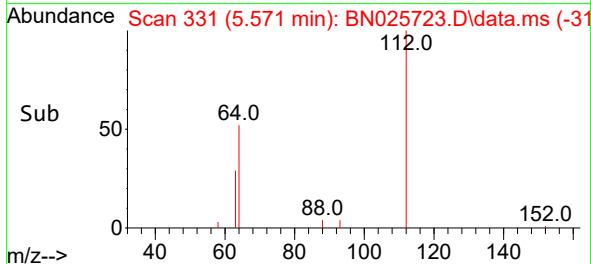
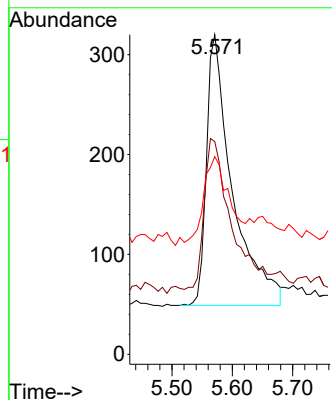
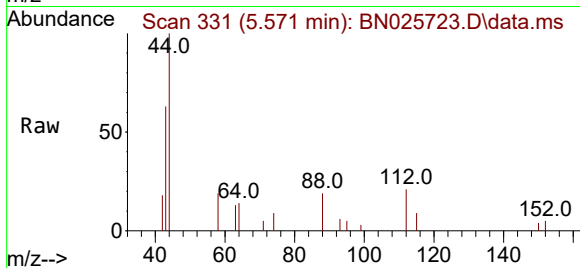




#4
2-Fluorophenol
Concen: 0.048 ng
RT: 5.571 min Scan# 311
Delta R.T. 0.014 min
Lab File: BN025723.D
Acq: 30 May 2023 18:58

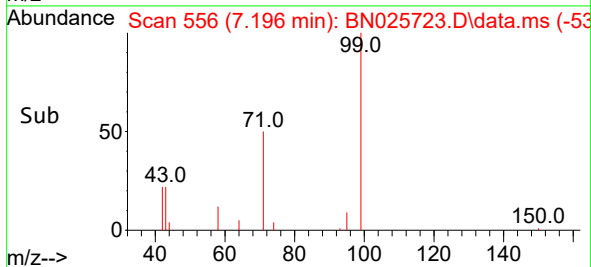
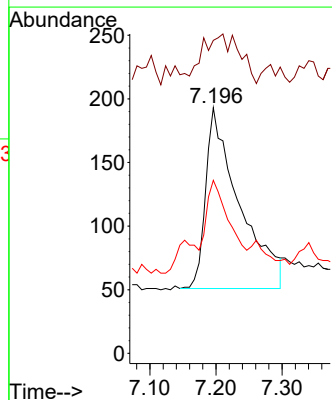
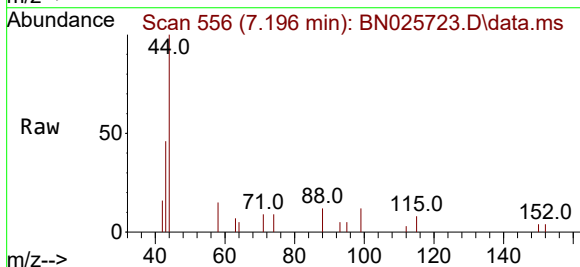
Instrument :
BNA_N
ClientSampleId :
RE132D5-20230517DL

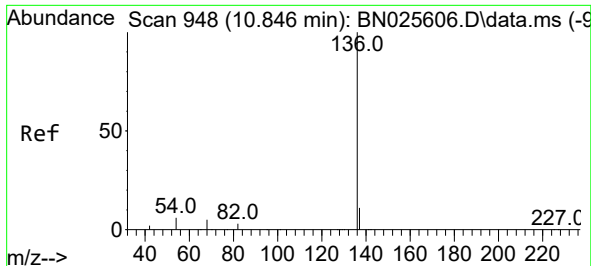
Tgt Ion:112 Resp: 808
Ion Ratio Lower Upper
112 100
64 59.2 45.7 68.5
63 33.3 26.2 39.2



#5
Phenol-d6
Concen: 0.025 ng
RT: 7.196 min Scan# 556
Delta R.T. 0.021 min
Lab File: BN025723.D
Acq: 30 May 2023 18:58

Tgt Ion: 99 Resp: 502
Ion Ratio Lower Upper
99 100
42 29.5 17.1 25.7#
71 26.1 29.3 43.9#

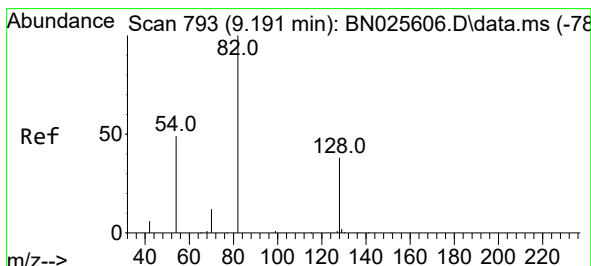
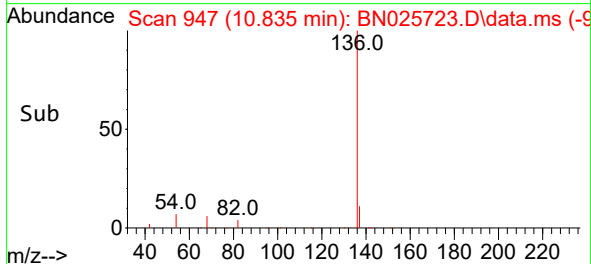
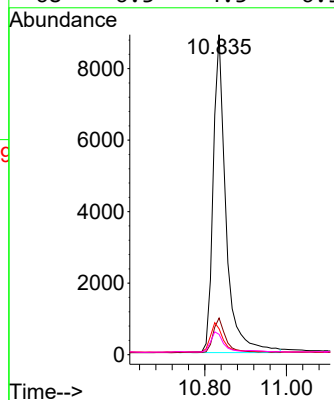
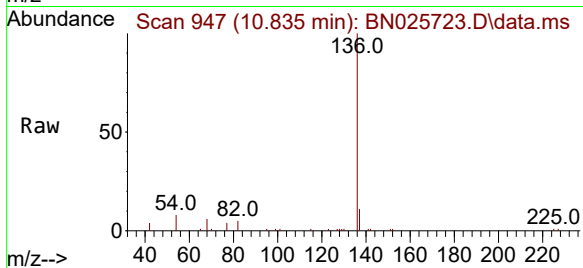




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.835 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN025723.D
Acq: 30 May 2023 18:58

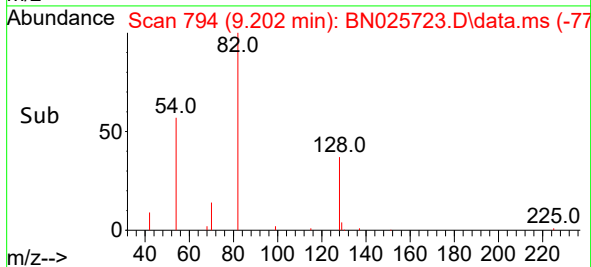
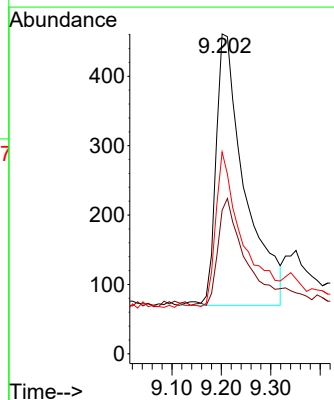
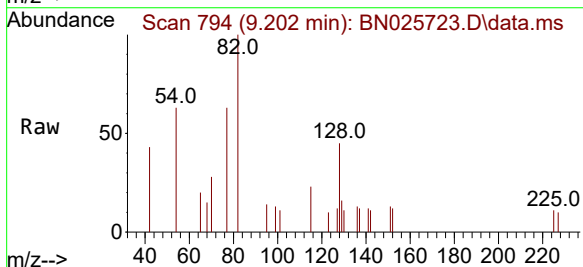
Instrument :
BNA_N
ClientSampleId :
RE132D5-20230517DL

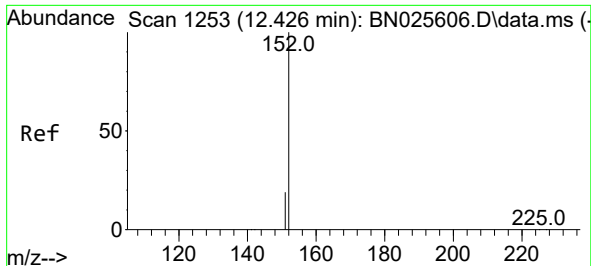
Tgt Ion:	136	Resp:	19302
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.1	13.7
54	8.1	5.4	8.0#
68	6.3	4.3	6.5



#8
Nitrobenzene-d5
Concen: 0.098 ng
RT: 9.202 min Scan# 794
Delta R.T. 0.011 min
Lab File: BN025723.D
Acq: 30 May 2023 18:58

Tgt Ion:	82	Resp:	1580
Ion Ratio	Lower	Upper	
82	100		
128	44.9	32.5	48.7
54	63.1	40.6	60.8#





#11

2-Methylnaphthalene-d10

Concen: 0.143 ng

RT: 12.419 min Scan# 1251

Delta R.T. -0.004 min

Lab File: BN025723.D

Acq: 30 May 2023 18:58

Instrument :

BNA_N

ClientSampleId :

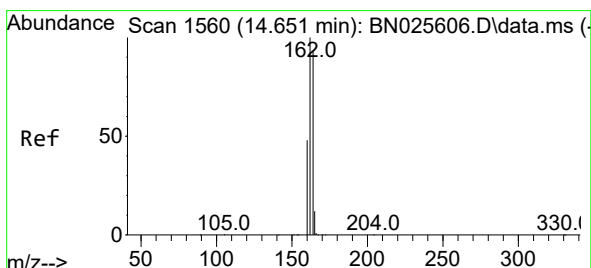
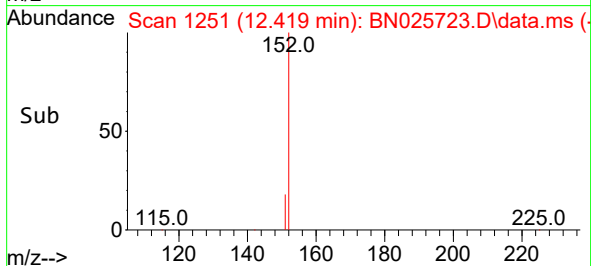
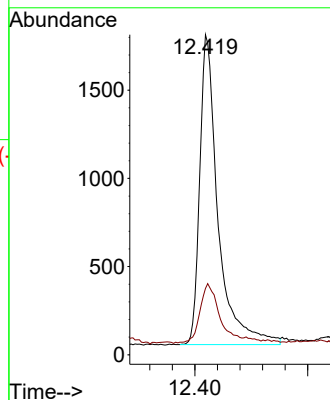
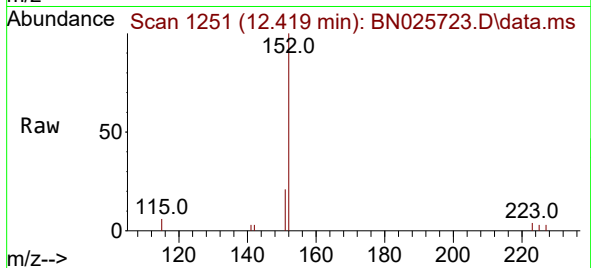
RE132D5-20230517DL

Tgt Ion:152 Resp: 3950

Ion Ratio Lower Upper

152 100

151 20.6 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: BN025723.D

Acq: 30 May 2023 18:58

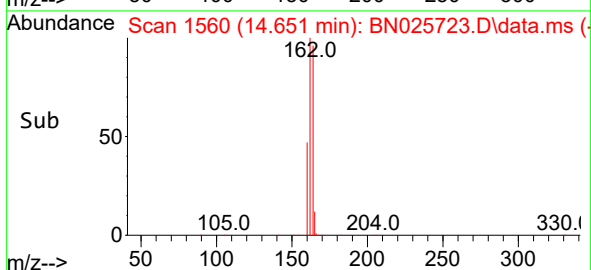
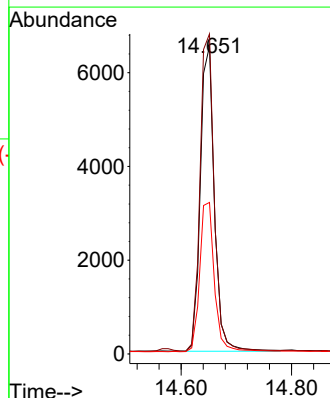
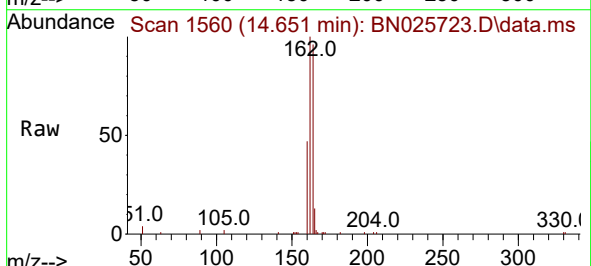
Tgt Ion:164 Resp: 11529

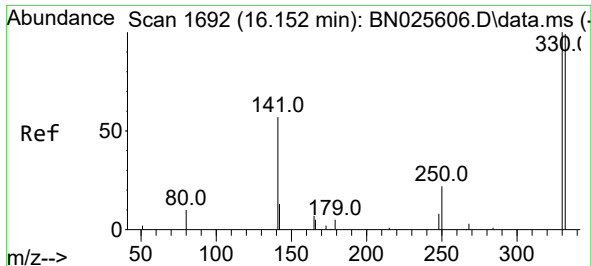
Ion Ratio Lower Upper

164 100

162 104.0 86.4 129.6

160 49.2 41.9 62.9

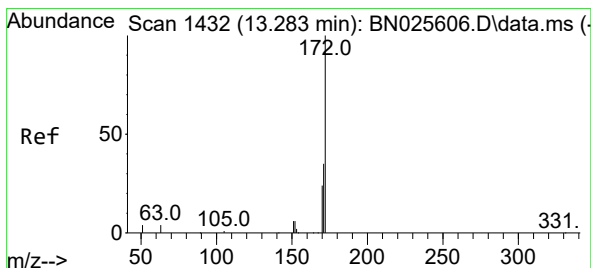
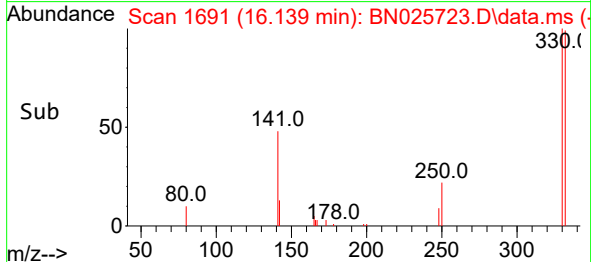
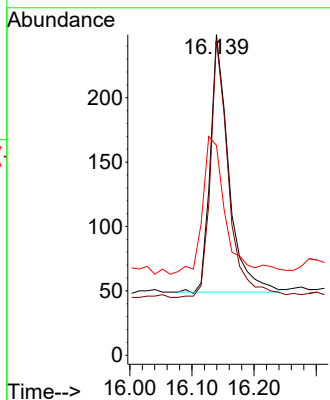
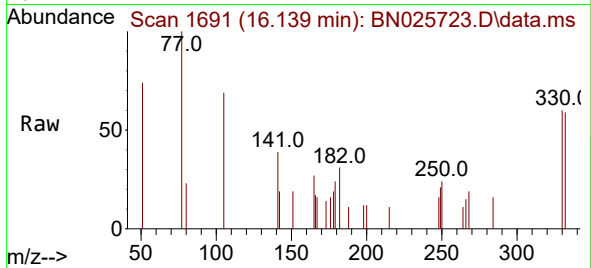




#14
2,4,6-Tribromophenol
Concen: 0.178 ng
RT: 16.139 min Scan# 1691
Delta R.T. -0.013 min
Lab File: BN025723.D
Acq: 30 May 2023 18:58

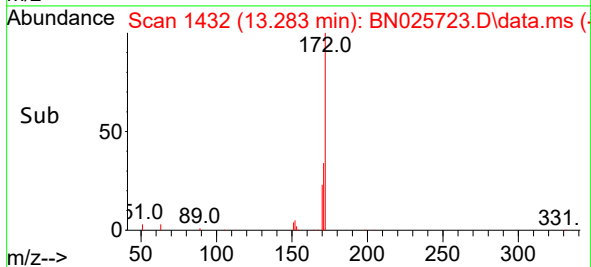
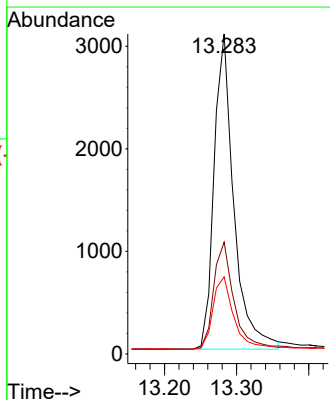
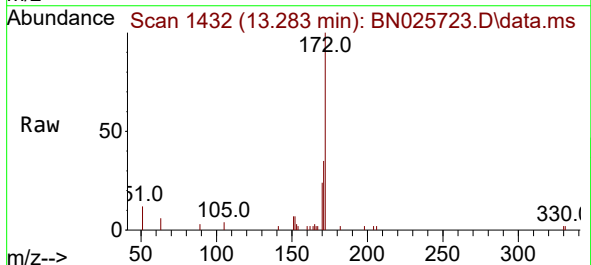
Instrument :
BNA_N
ClientSampleId :
RE132D5-20230517DL

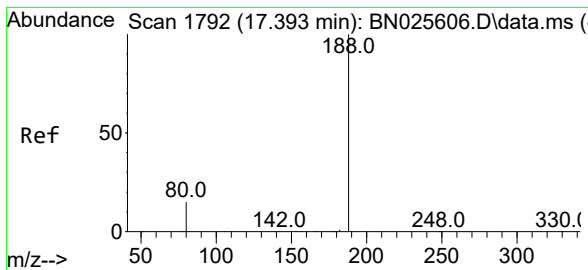
Tgt Ion:330 Resp: 414
Ion Ratio Lower Upper
330 100
332 98.3 80.0 120.0
141 59.2 45.8 68.6



#15
2-Fluorobiphenyl
Concen: 0.123 ng
RT: 13.283 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BN025723.D
Acq: 30 May 2023 18:58

Tgt Ion:172 Resp: 5832
Ion Ratio Lower Upper
172 100
171 35.0 28.6 42.8
170 24.1 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: BN025723.D

Acq: 30 May 2023 18:58

Instrument :

BNA_N

ClientSampleId :

RE132D5-20230517DL

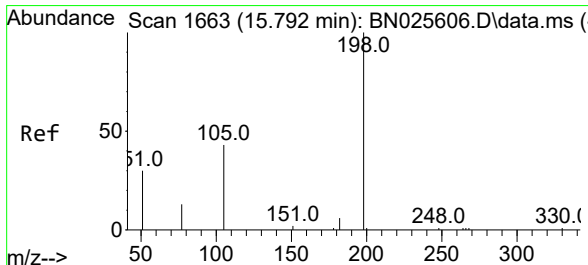
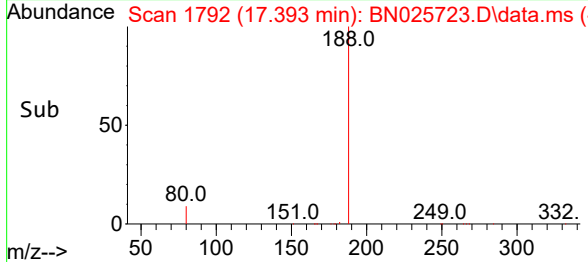
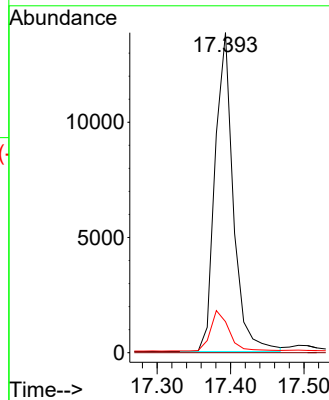
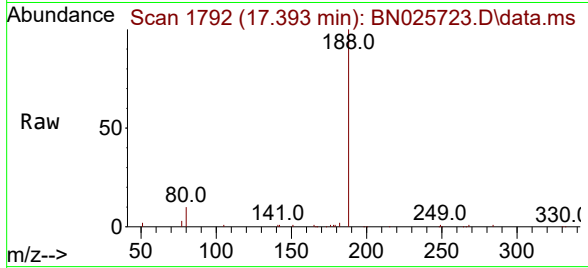
Tgt Ion:188 Resp: 23904

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.7 12.2 18.2#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.114 ng

RT: 15.804 min Scan# 1664

Delta R.T. 0.012 min

Lab File: BN025723.D

Acq: 30 May 2023 18:58

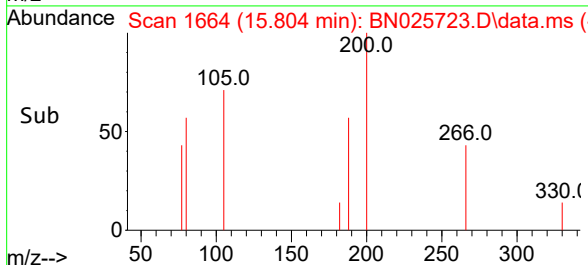
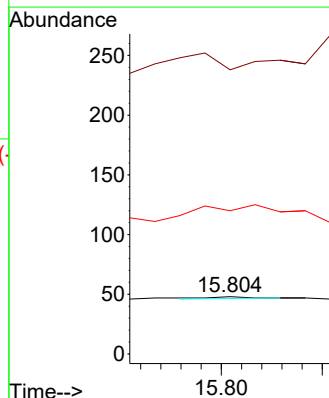
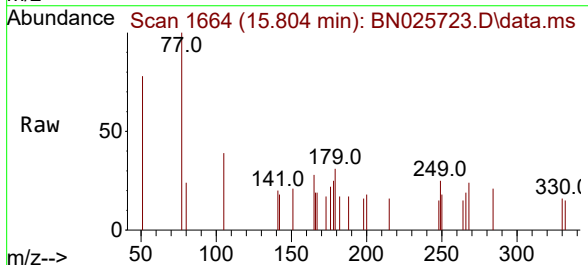
Tgt Ion:198 Resp: 2

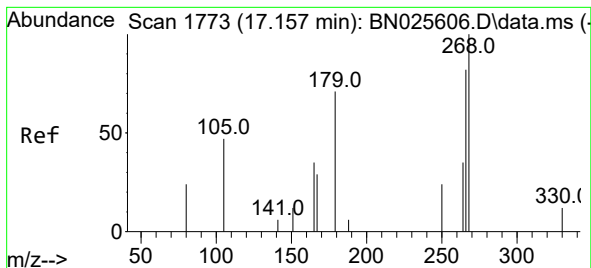
Ion Ratio Lower Upper

198 100

51 495.8 110.8 166.2#

105 250.0 61.9 92.9#





#24

Pentachlorophenol

Concen: 0.380 ng

RT: 17.070 min Scan# 1

Delta R.T. -0.001 min

Lab File: BN025723.D

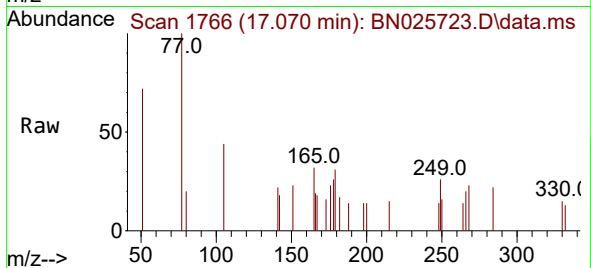
Acq: 30 May 2023 18:58

Instrument :

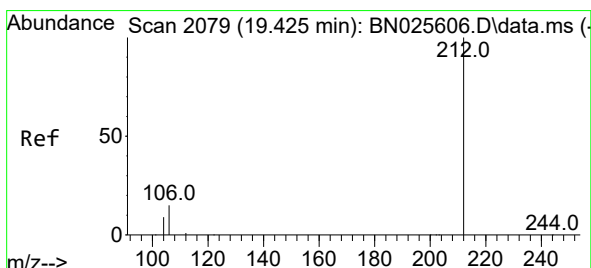
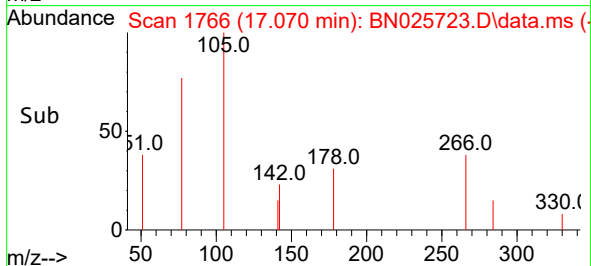
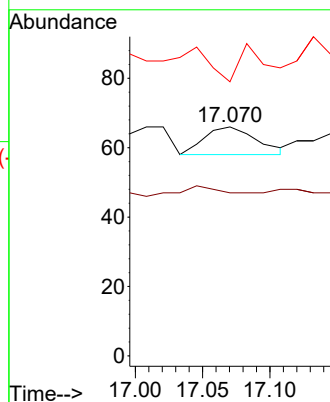
BNA_N

ClientSampleId :

RE132D5-20230517DL



Tgt Ion:	266	Resp:	22
Ion Ratio	Lower	Upper	
266	100		
264	0.0	60.0	90.0#
268	68.2	0.0	0.0#



#27

Fluoranthene-d10

Concen: 0.180 ng

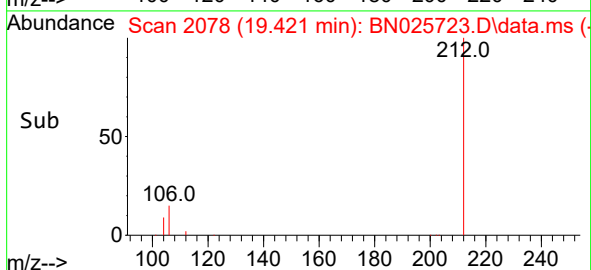
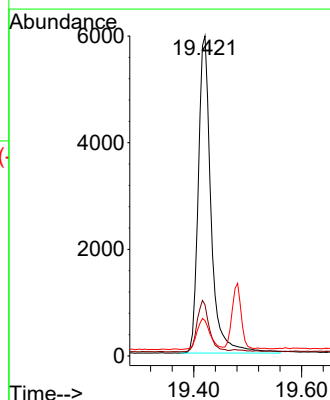
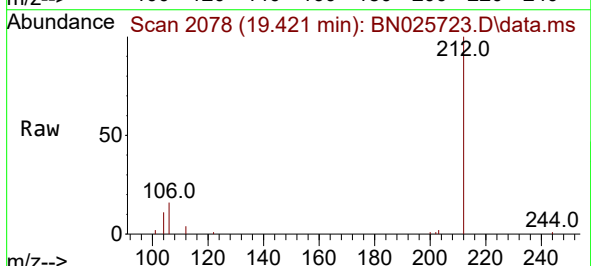
RT: 19.421 min Scan# 2078

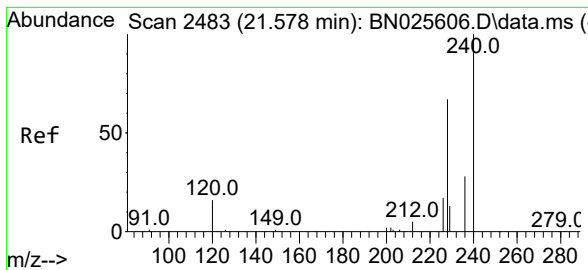
Delta R.T. -0.000 min

Lab File: BN025723.D

Acq: 30 May 2023 18:58

Tgt Ion:	212	Resp:	9731
Ion Ratio	Lower	Upper	
212	100		
106	15.3	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: BN025723.D

Acq: 30 May 2023 18:58

Instrument :

BNA_N

ClientSampleId :

RE132D5-20230517DL

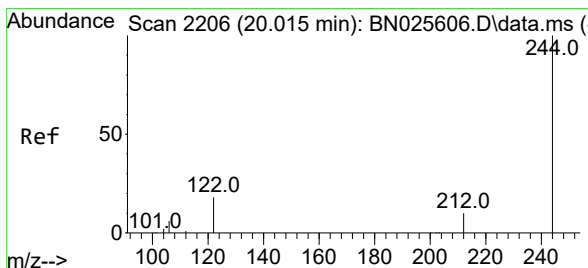
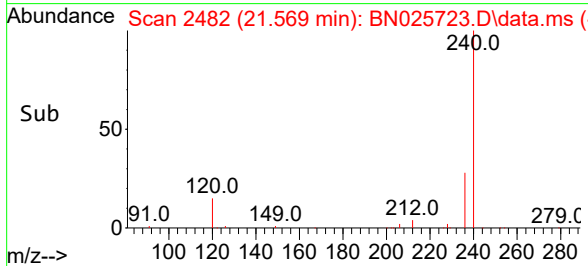
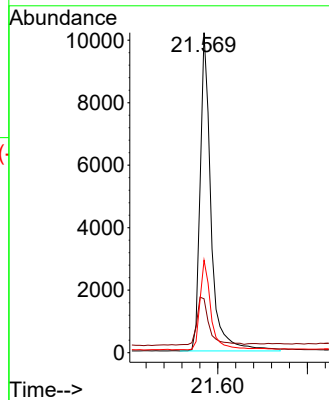
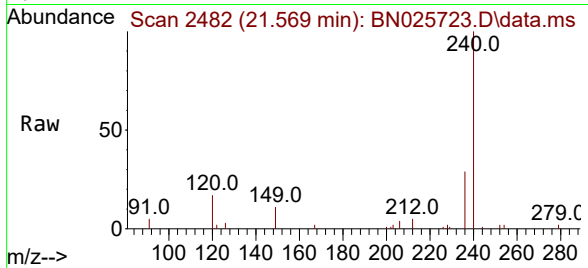
Tgt Ion:240 Resp: 17175

Ion Ratio Lower Upper

240 100

120 16.9 15.4 23.0

236 28.9 23.2 34.8



#31

Terphenyl-d14

Concen: 0.167 ng

RT: 20.006 min Scan# 2204

Delta R.T. -0.010 min

Lab File: BN025723.D

Acq: 30 May 2023 18:58

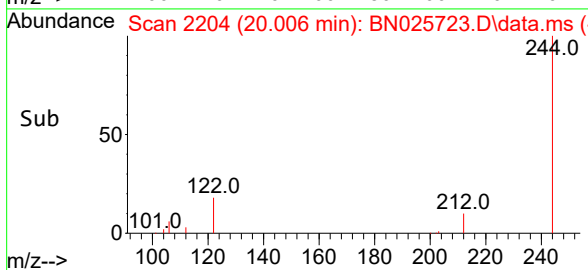
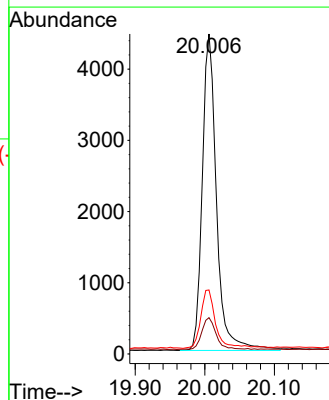
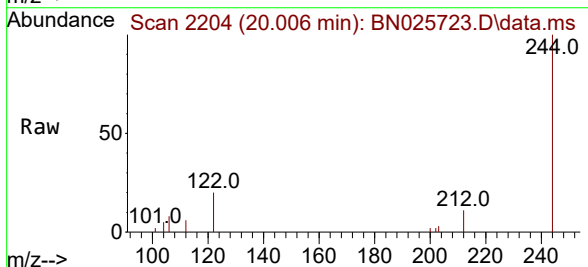
Tgt Ion:244 Resp: 6297

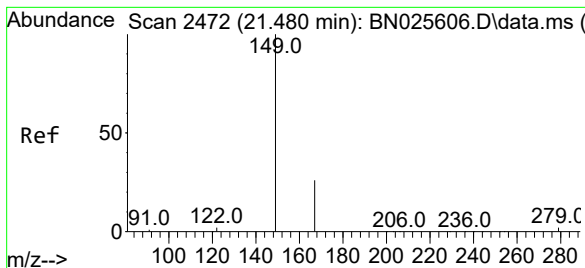
Ion Ratio Lower Upper

244 100

212 11.4 8.5 12.7

122 20.0 14.9 22.3

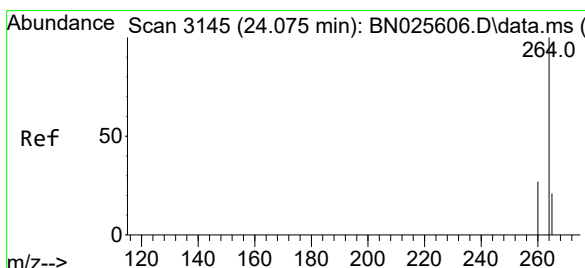
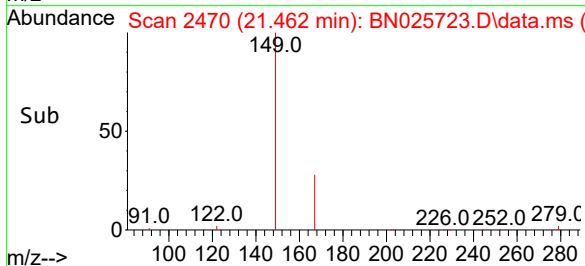
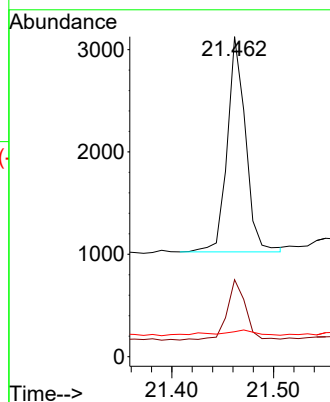
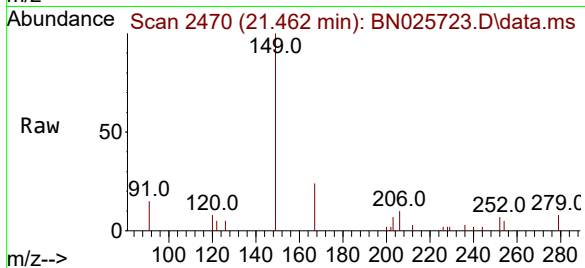




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.068 ng
 RT: 21.462 min Scan# 2470
 Delta R.T. -0.009 min
 Lab File: BN025723.D
 Acq: 30 May 2023 18:58

Instrument :
 BNA_N
 ClientSampleId :
 RE132D5-20230517DL

Tgt Ion:149 Resp: 2631
 Ion Ratio Lower Upper
 149 100
 167 28.2 20.4 30.6
 279 5.8 3.3 4.9#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.042 min Scan# 3134
 Delta R.T. -0.027 min
 Lab File: BN025723.D
 Acq: 30 May 2023 18:58

Tgt Ion:264 Resp: 15410
 Ion Ratio Lower Upper
 264 100
 260 26.6 22.3 33.5
 265 49.1 54.3 81.5#

