

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
 Data File : BN025674.D
 Acq On : 28 May 2023 09:41
 Operator : CG/JU
 Sample : 02911-20
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT149S1-20230522

Quant Time: May 29 01:15:06 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)

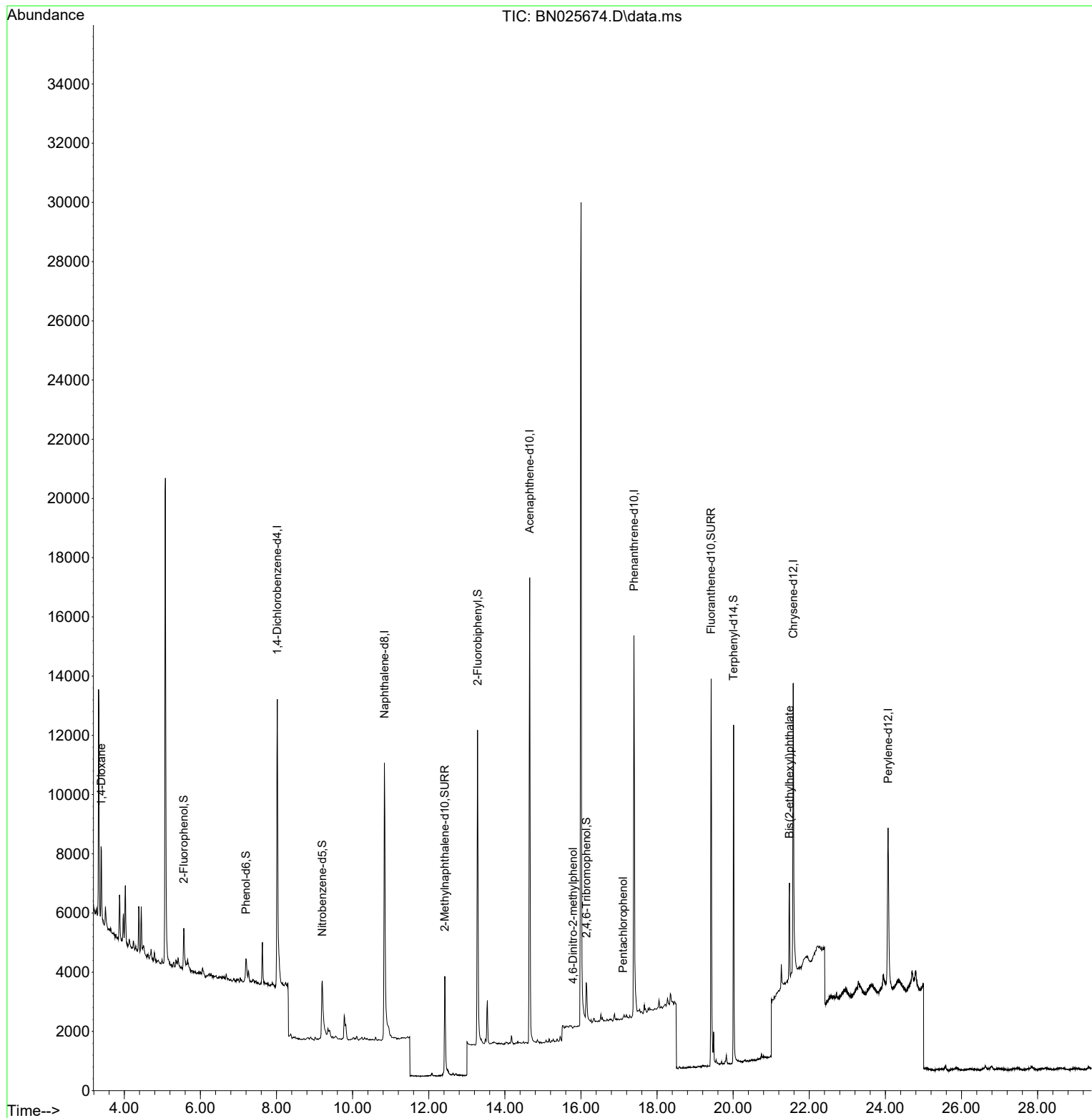
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.019	152	5514	0.400	ng	0.00
7) Naphthalene-d8	10.835	136	15487	0.400	ng	# 0.00
13) Acenaphthene-d10	14.651	164	9288	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	19003	0.400	ng	# 0.00
29) Chrysene-d12	21.578	240	10643	0.400	ng	0.00
35) Perylene-d12	24.072	264	9491	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.564	112	1582	0.112	ng	0.00
5) Phenol-d6	7.196	99	936	0.055	ng	0.02
8) Nitrobenzene-d5	9.202	82	3195	0.246	ng	0.01
11) 2-Methylnaphthalene-d10	12.423	152	5907	0.267	ng	0.00
14) 2,4,6-Tribromophenol	16.139	330	836	0.445	ng	-0.01
15) 2-Fluorobiphenyl	13.283	172	10447	0.273	ng	0.00
27) Fluoranthene-d10	19.421	212	15574	0.362	ng	0.00
31) Terphenyl-d14	20.011	244	11260	0.483	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.397	88	1705	0.267	ng	# 90
20) 4,6-Dinitro-2-methylph...	15.792	198	2	0.114	ng	# 1
24) Pentachlorophenol	17.108	266	15	0.378	ng	# 63
34) Bis(2-ethylhexyl)phtha...	21.480	149	3236	0.134	ng	# 99

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

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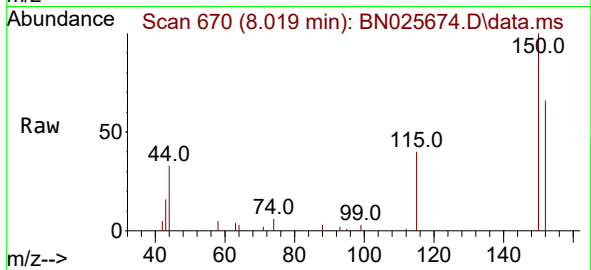
Quant Time: May 29 01:15:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
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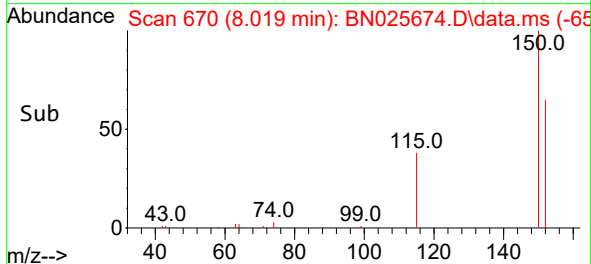
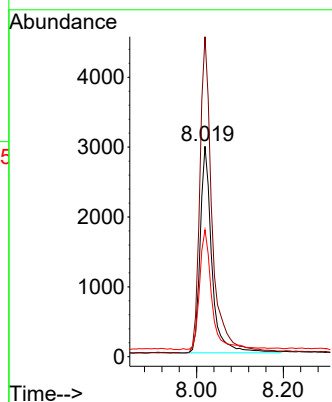


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.019 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN025674.D
Acq: 28 May 2023 09:41

Instrument :
BNA_N
ClientSampleId :
TT149S1-20230522

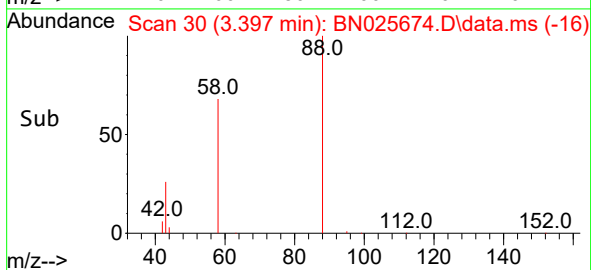
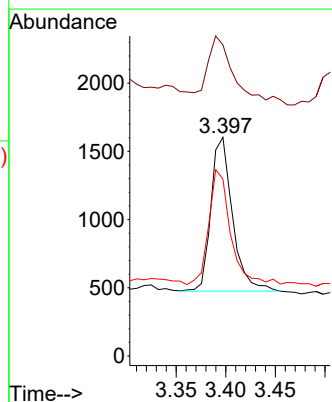
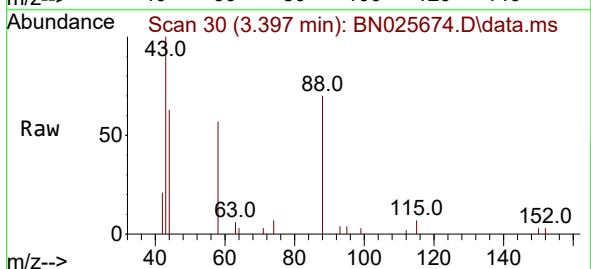


Tgt Ion:152 Resp: 5514
Ion Ratio Lower Upper
152 100
150 152.1 121.0 181.6
115 60.3 48.5 72.7



#2
1,4-Dioxane
Concen: 0.267 ng
RT: 3.397 min Scan# 30
Delta R.T. -0.000 min
Lab File: BN025674.D
Acq: 28 May 2023 09:41

Tgt Ion: 88 Resp: 1705
Ion Ratio Lower Upper
88 100
43 44.3 26.5 39.7#
58 75.1 56.8 85.2

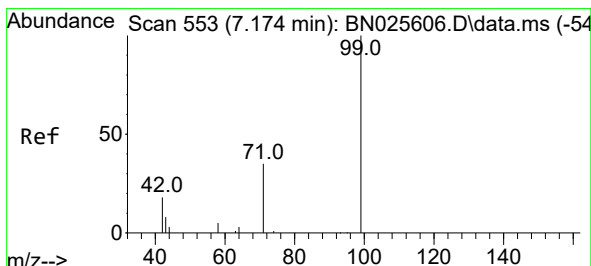
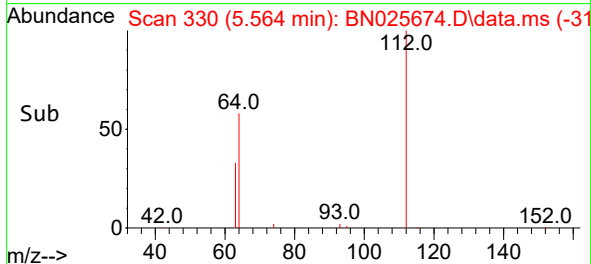
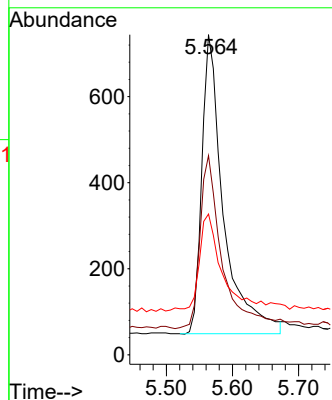
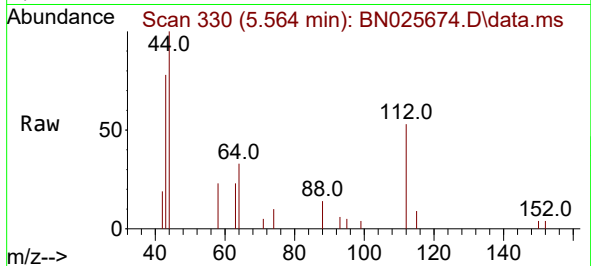




#4
2-Fluorophenol
Concen: 0.112 ng
RT: 5.564 min Scan# 311
Delta R.T. 0.007 min
Lab File: BN025674.D
Acq: 28 May 2023 09:41

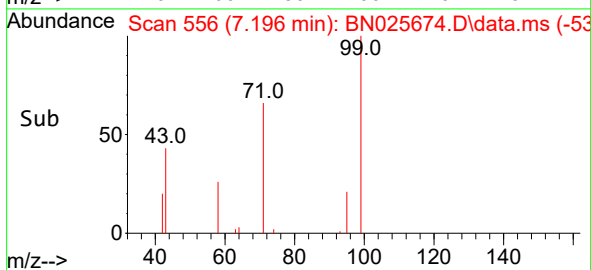
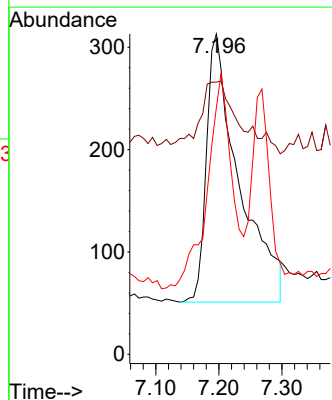
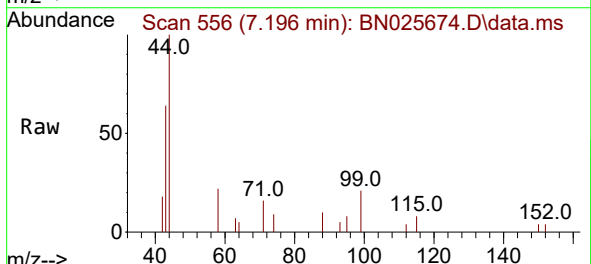
Instrument :
BNA_N
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TT149S1-20230522

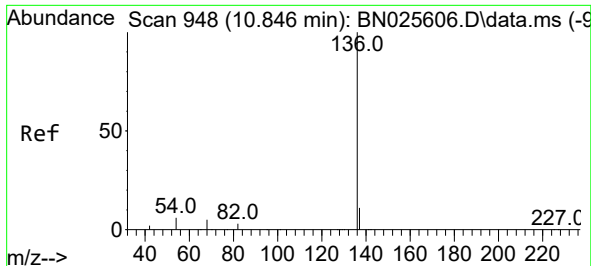
Tgt Ion:112 Resp: 1582
Ion Ratio Lower Upper
112 100
64 59.7 45.7 68.5
63 36.7 26.2 39.2



#5
Phenol-d6
Concen: 0.055 ng
RT: 7.196 min Scan# 556
Delta R.T. 0.022 min
Lab File: BN025674.D
Acq: 28 May 2023 09:41

Tgt Ion: 99 Resp: 936
Ion Ratio Lower Upper
99 100
42 33.7 17.1 25.7#
71 60.4 29.3 43.9#

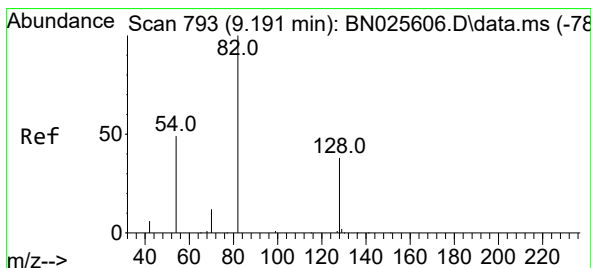
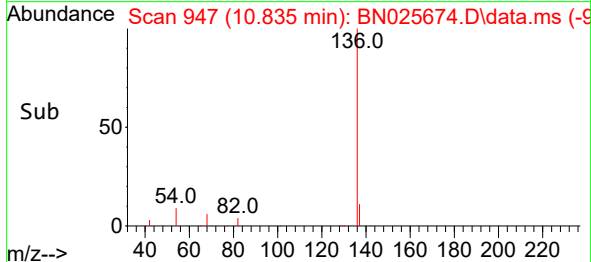
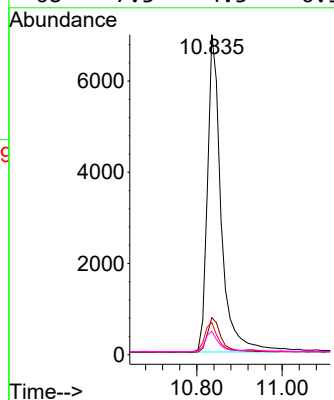
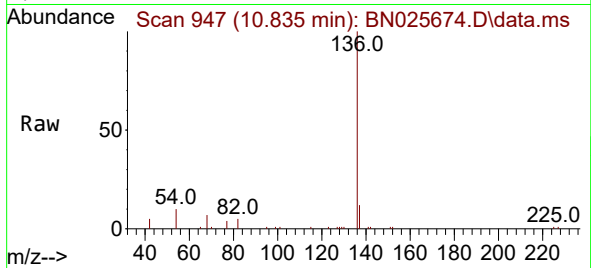




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.835 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN025674.D
Acq: 28 May 2023 09:41

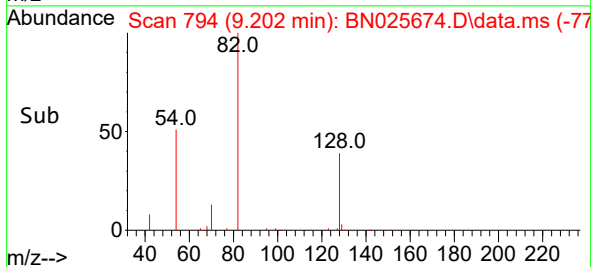
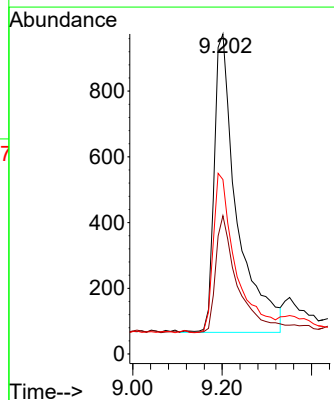
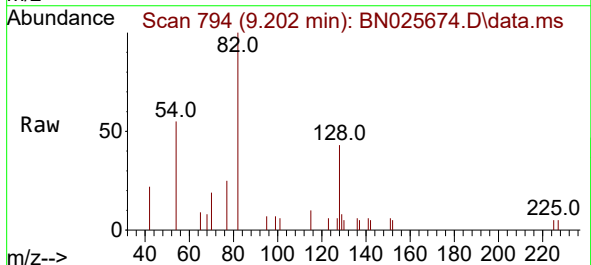
Instrument :
BNA_N
ClientSampleId :
TT149S1-20230522

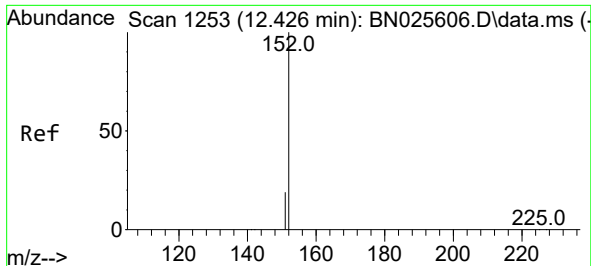
Tgt Ion:	136	Resp:	15487
Ion Ratio	Lower	Upper	
136	100		
137	11.6	9.1	13.7
54	10.0	5.4	8.0#
68	7.3	4.3	6.5#



#8
Nitrobenzene-d5
Concen: 0.246 ng
RT: 9.202 min Scan# 794
Delta R.T. 0.011 min
Lab File: BN025674.D
Acq: 28 May 2023 09:41

Tgt Ion:	82	Resp:	3195
Ion Ratio	Lower	Upper	
82	100		
128	43.2	32.5	48.7
54	54.5	40.6	60.8

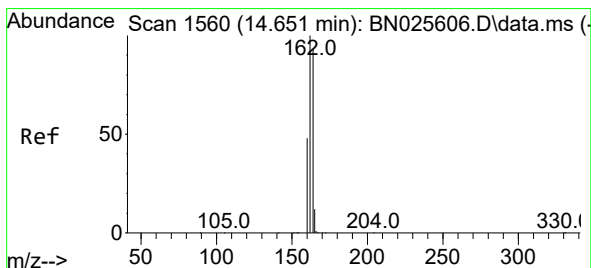
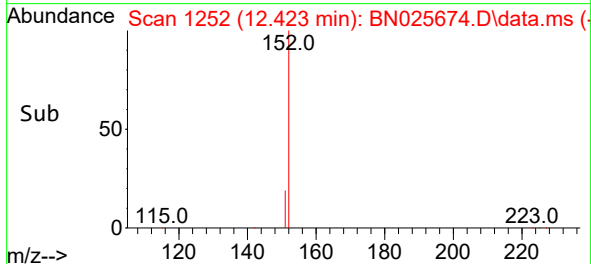
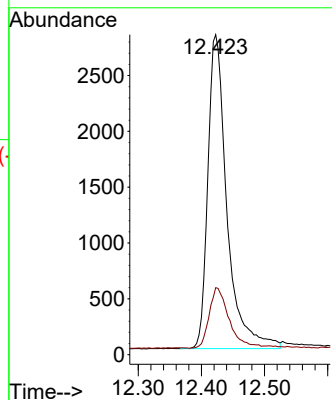
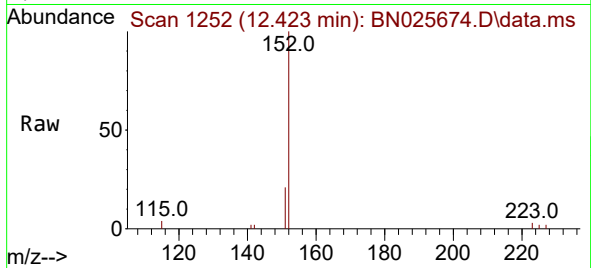




#11
2-Methylnaphthalene-d10
Concen: 0.267 ng
RT: 12.423 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN025674.D
Acq: 28 May 2023 09:41

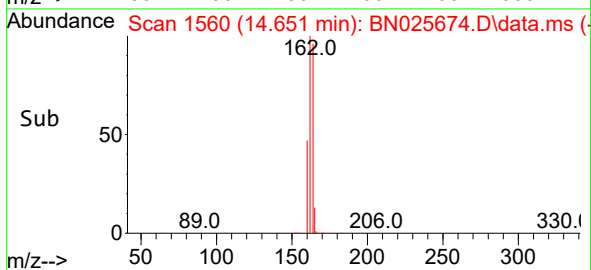
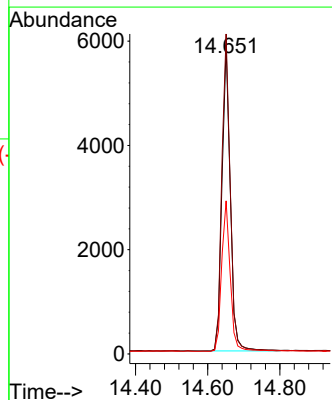
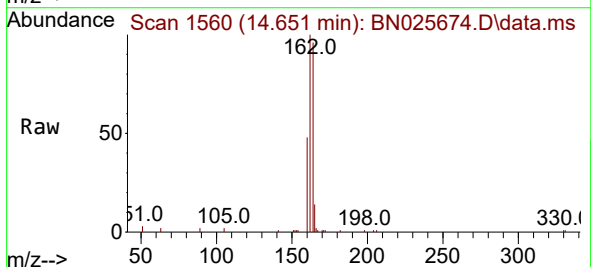
Instrument :
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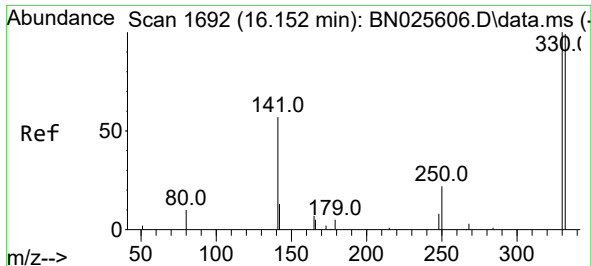
Tgt Ion:152 Resp: 5907
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.651 min Scan# 1560
Delta R.T. -0.000 min
Lab File: BN025674.D
Acq: 28 May 2023 09:41

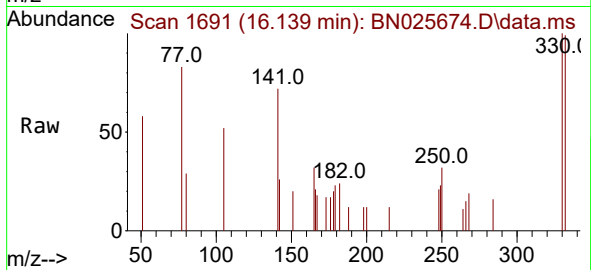
Tgt Ion:164 Resp: 9288
Ion Ratio Lower Upper
164 100
162 103.7 86.4 129.6
160 49.7 41.9 62.9



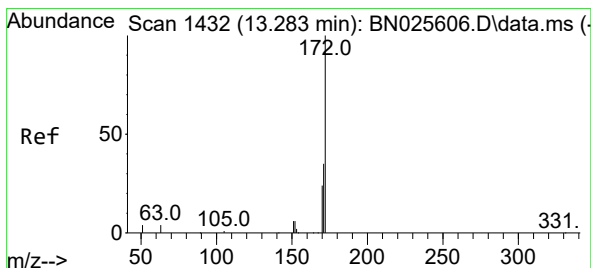
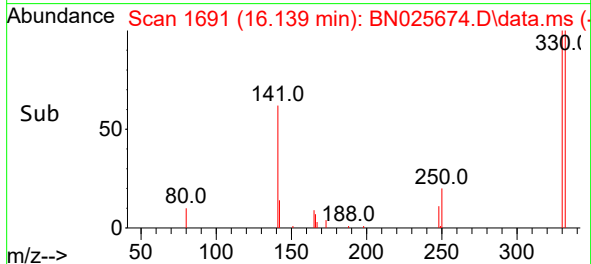
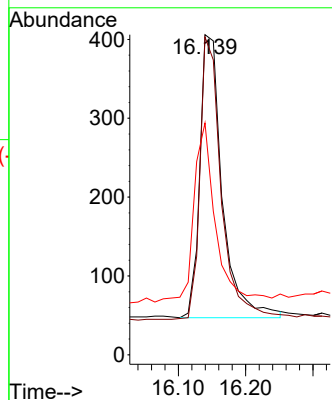


#14
2,4,6-Tribromophenol
Concen: 0.445 ng
RT: 16.139 min Scan# 1691
Delta R.T. -0.013 min
Lab File: BN025674.D
Acq: 28 May 2023 09:41

Instrument :
BNA_N
ClientSampleId :
TT149S1-20230522

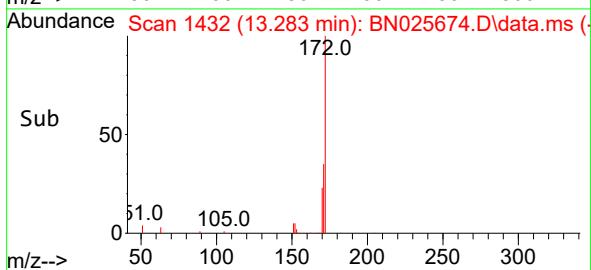
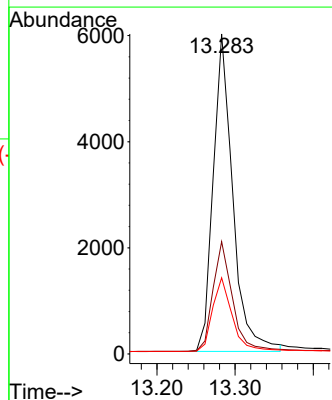
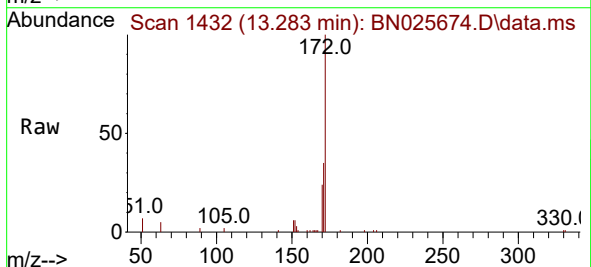


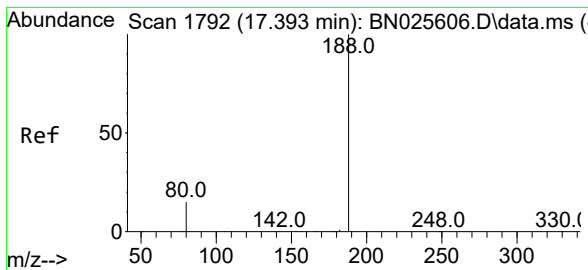
Tgt Ion: 330 Resp: 836
Ion Ratio Lower Upper
330 100
332 94.5 80.0 120.0
141 55.3 45.8 68.6



#15
2-Fluorobiphenyl
Concen: 0.273 ng
RT: 13.283 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BN025674.D
Acq: 28 May 2023 09:41

Tgt Ion: 172 Resp: 10447
Ion Ratio Lower Upper
172 100
171 35.1 28.6 42.8
170 23.8 19.7 29.5

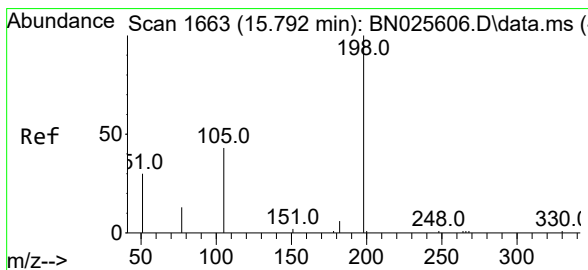
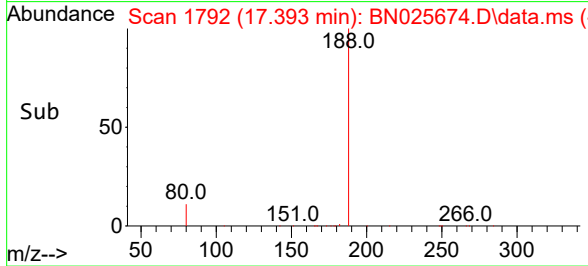
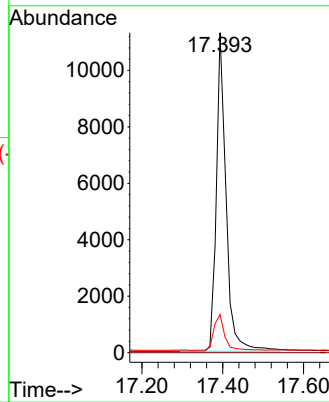
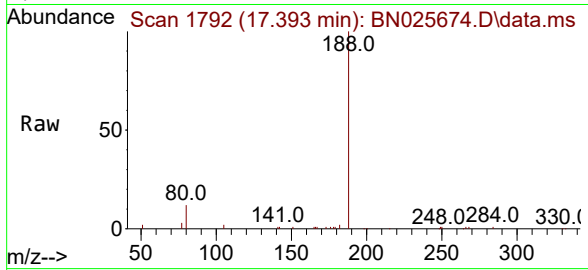




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.393 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN025674.D
Acq: 28 May 2023 09:41

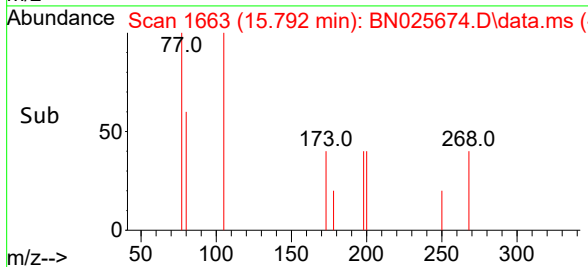
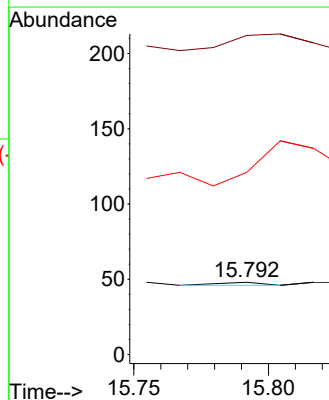
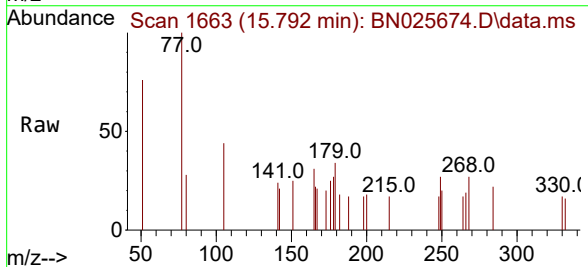
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BNA_N
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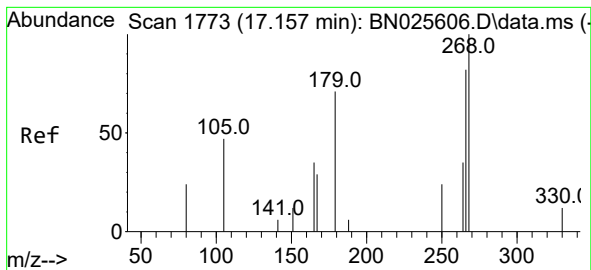
Tgt Ion:188 Resp: 19003
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.9 12.2 18.2#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.114 ng
RT: 15.792 min Scan# 1663
Delta R.T. -0.000 min
Lab File: BN025674.D
Acq: 28 May 2023 09:41

Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
51 441.7 110.8 166.2#
105 252.1 61.9 92.9#





#24

Pentachlorophenol

Concen: 0.378 ng

RT: 17.108 min Scan# 1769

Delta R.T. 0.037 min

Lab File: BN025674.D

Acq: 28 May 2023 09:41

Instrument :

BNA_N

ClientSampleId :

TT149S1-20230522

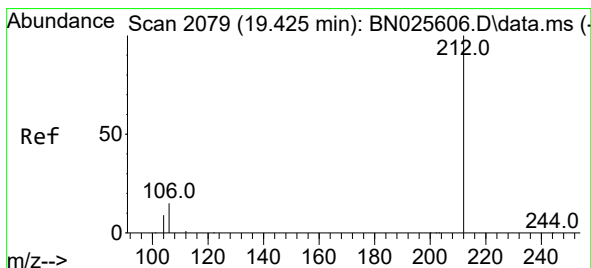
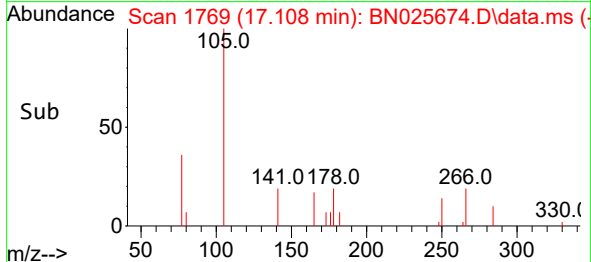
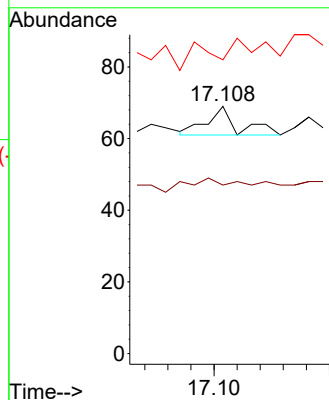
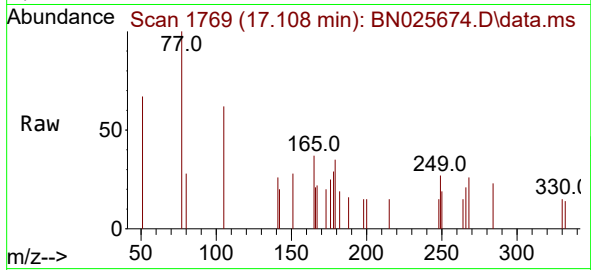
Tgt Ion:266 Resp: 15

Ion Ratio Lower Upper

266 100

264 106.7 60.0 90.0#

268 0.0 0.0 0.0



#27

Fluoranthene-d10

Concen: 0.362 ng

RT: 19.421 min Scan# 2078

Delta R.T. -0.000 min

Lab File: BN025674.D

Acq: 28 May 2023 09:41

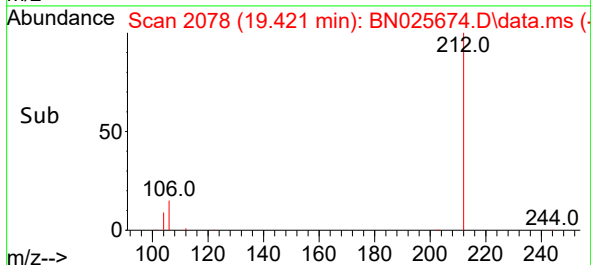
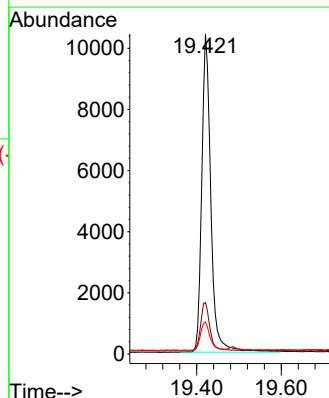
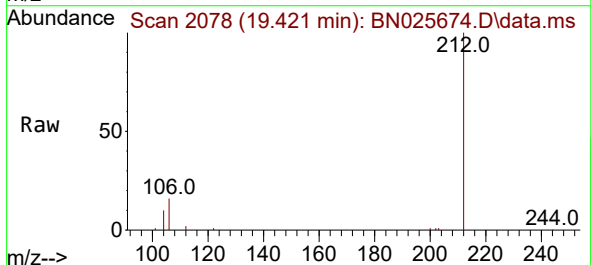
Tgt Ion:212 Resp: 15574

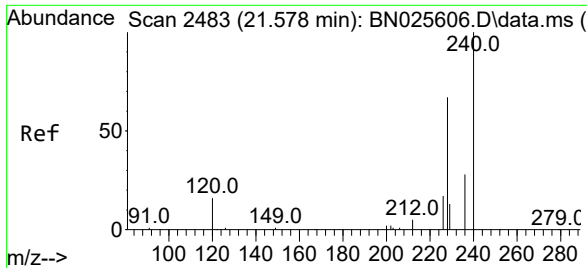
Ion Ratio Lower Upper

212 100

106 15.9 12.3 18.5

104 9.2 7.2 10.8

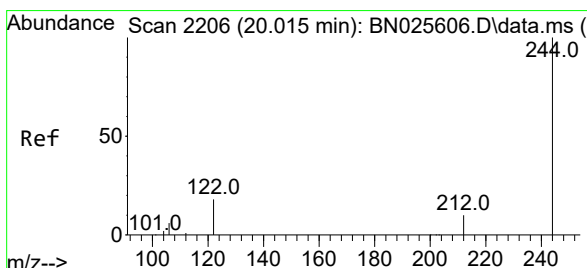
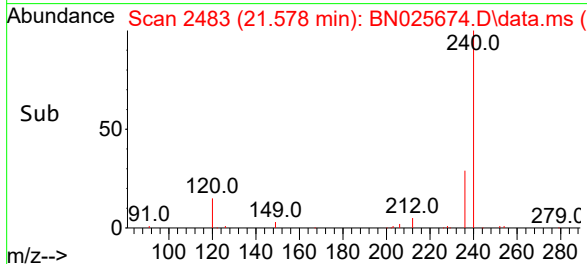
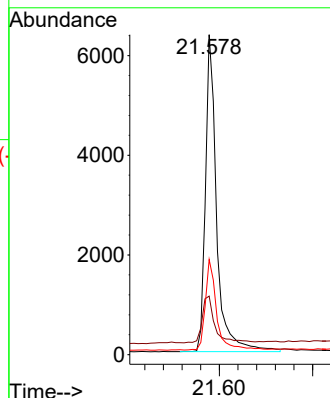
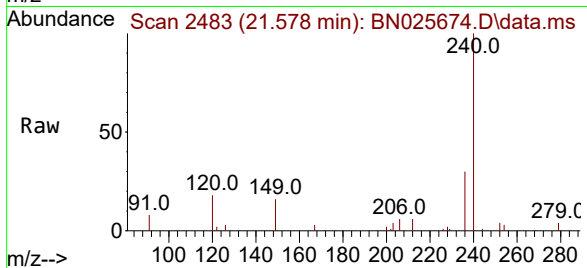




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.578 min Scan# 2483
Delta R.T. -0.000 min
Lab File: BN025674.D
Acq: 28 May 2023 09:41

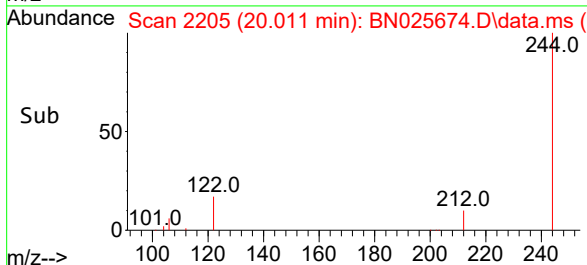
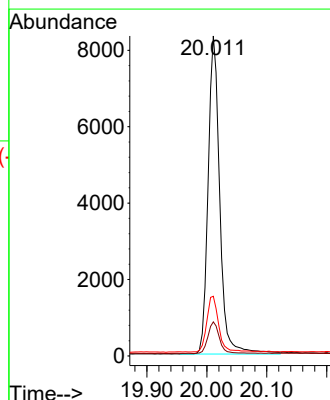
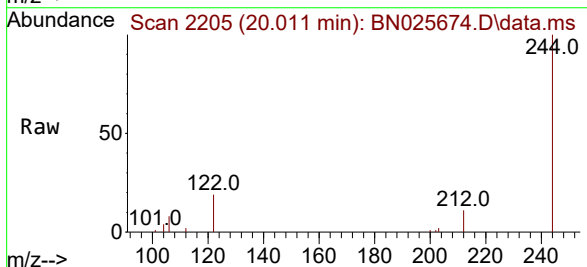
Instrument :
BNA_N
ClientSampleId :
TT149S1-20230522

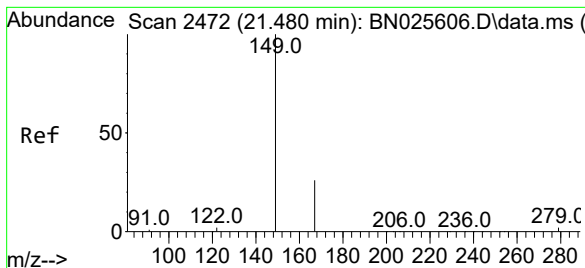
Tgt Ion:240 Resp: 10643
Ion Ratio Lower Upper
240 100
120 18.3 15.4 23.0
236 29.8 23.2 34.8



#31
Terphenyl-d14
Concen: 0.483 ng
RT: 20.011 min Scan# 2205
Delta R.T. -0.005 min
Lab File: BN025674.D
Acq: 28 May 2023 09:41

Tgt Ion:244 Resp: 11260
Ion Ratio Lower Upper
244 100
212 10.7 8.5 12.7
122 18.7 14.9 22.3

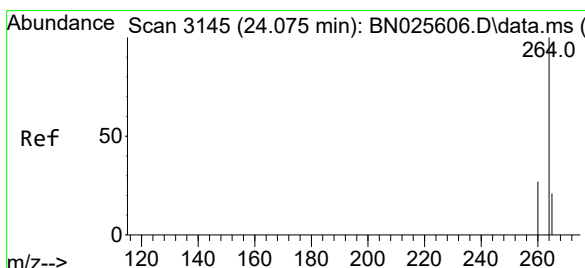
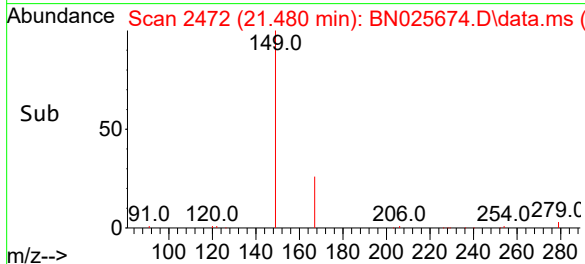
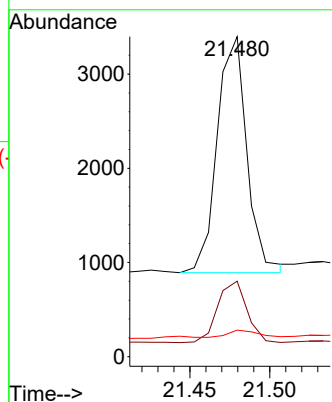
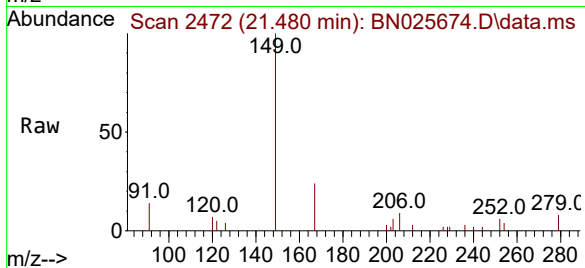




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.134 ng
 RT: 21.480 min Scan# 2472
 Delta R.T. 0.009 min
 Lab File: BN025674.D
 Acq: 28 May 2023 09:41

Instrument :
 BNA_N
 ClientSampleId :
 TT149S1-20230522

Tgt Ion:149 Resp: 3236
 Ion Ratio Lower Upper
 149 100
 167 25.7 20.4 30.6
 279 3.1 3.3 4.9#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.072 min Scan# 3144
 Delta R.T. 0.003 min
 Lab File: BN025674.D
 Acq: 28 May 2023 09:41

Tgt Ion:264 Resp: 9491
 Ion Ratio Lower Upper
 264 100
 260 28.0 22.3 33.5
 265 66.4 54.3 81.5

