

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
 Data File : BN025671.D
 Acq On : 28 May 2023 07:54
 Operator : CG/JU
 Sample : 02911-17
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW9-MW01S-20230522

Quant Time: May 29 01:14:34 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)

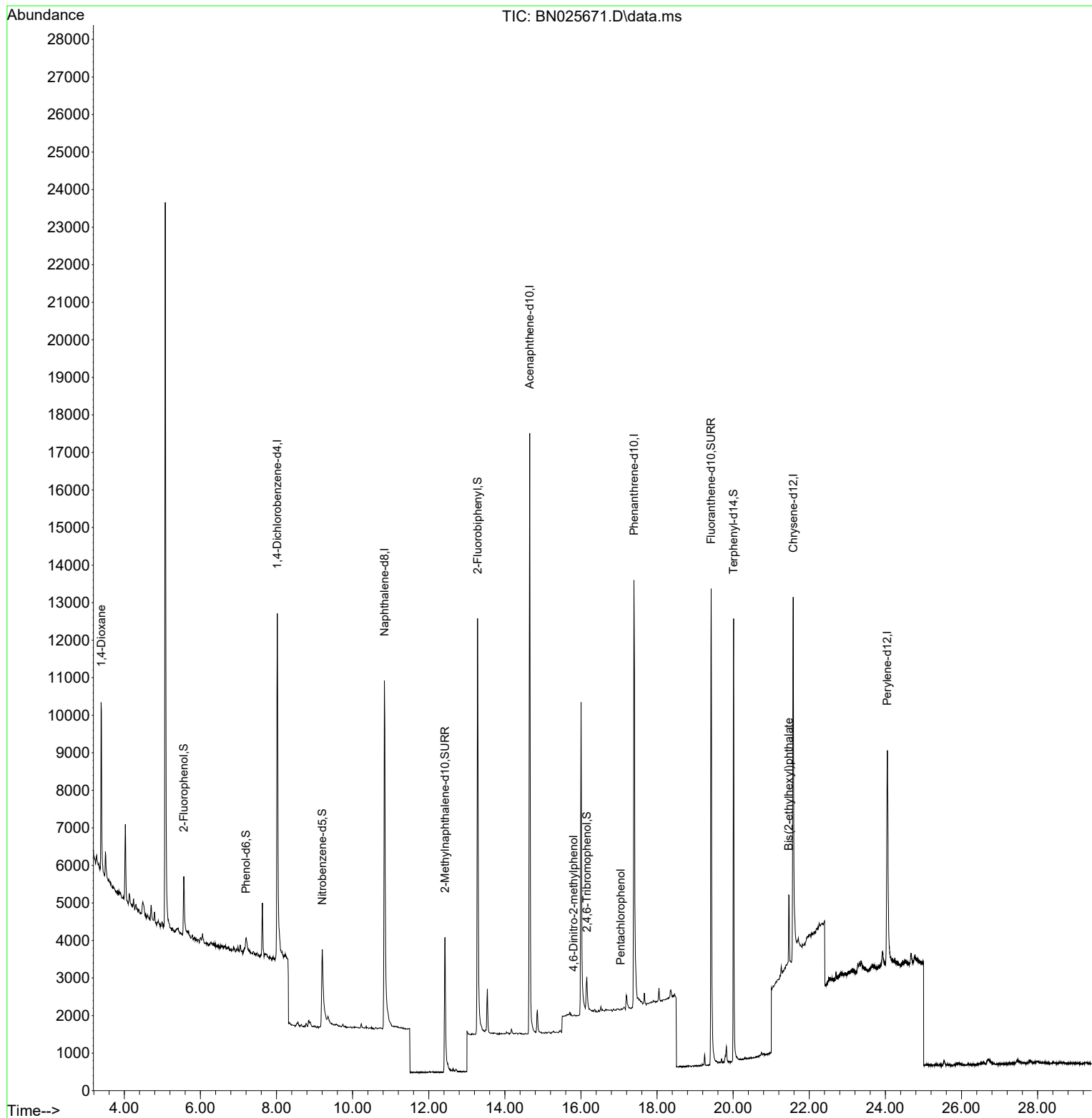
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.019	152	5969	0.400	ng	0.00
7) Naphthalene-d8	10.835	136	16334	0.400	ng	# 0.00
13) Acenaphthene-d10	14.651	164	9702	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	19474	0.400	ng	0.00
29) Chrysene-d12	21.578	240	11644	0.400	ng	# 0.00
35) Perylene-d12	24.051	264	10315	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.564	112	1733	0.113	ng	0.00
5) Phenol-d6	7.196	99	898	0.049	ng	0.02
8) Nitrobenzene-d5	9.202	82	3594	0.263	ng	0.01
11) 2-Methylnaphthalene-d10	12.426	152	6909	0.296	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	693	0.353	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	11592	0.289	ng	0.00
27) Fluoranthene-d10	19.421	212	16219	0.368	ng	0.00
31) Terphenyl-d14	20.011	244	11586	0.454	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.397	88	2976	0.431	ng	# 94
20) 4,6-Dinitro-2-methylph...	15.804	198	4	0.115	ng	# 1
24) Pentachlorophenol	17.046	266	6	0.370	ng	# 12
34) Bis(2-ethylhexyl)phtha...	21.462	149	2018	0.076	ng	# 99

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

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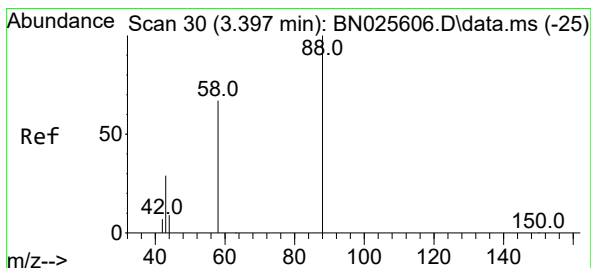
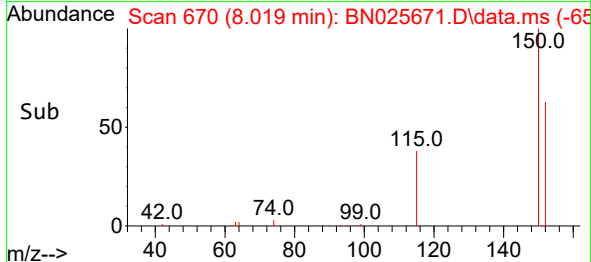
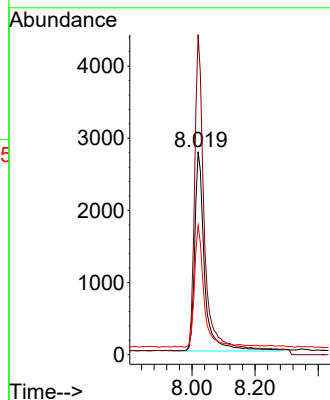
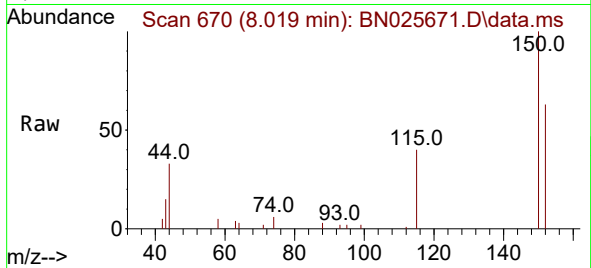




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.019 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN025671.D
Acq: 28 May 2023 07:54

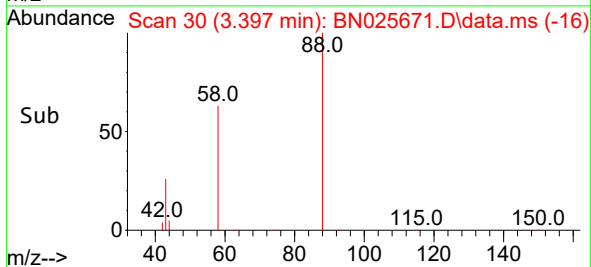
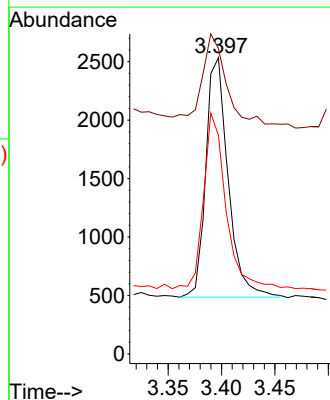
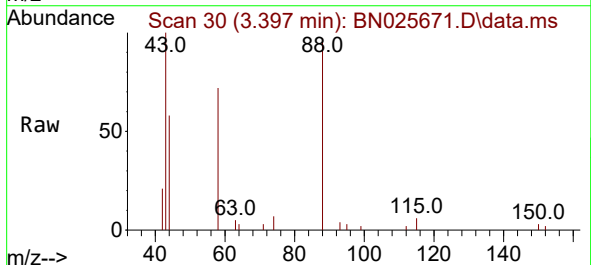
Instrument :
BNA_N
ClientSampleId :
RW9-MW01S-20230522

Tgt Ion:152 Resp: 5969
Ion Ratio Lower Upper
152 100
150 157.7 121.0 181.6
115 63.6 48.5 72.7



#2
1,4-Dioxane
Concen: 0.431 ng
RT: 3.397 min Scan# 30
Delta R.T. -0.000 min
Lab File: BN025671.D
Acq: 28 May 2023 07:54

Tgt Ion: 88 Resp: 2976
Ion Ratio Lower Upper
88 100
43 40.8 26.5 39.7#
58 73.3 56.8 85.2

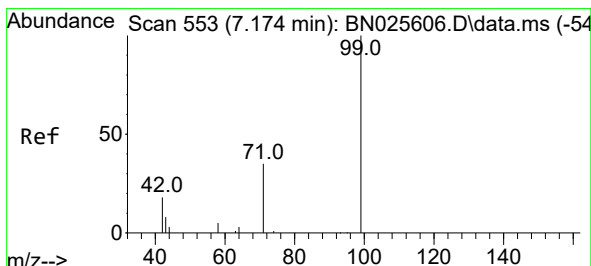
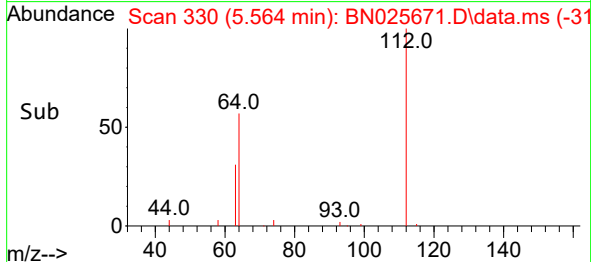
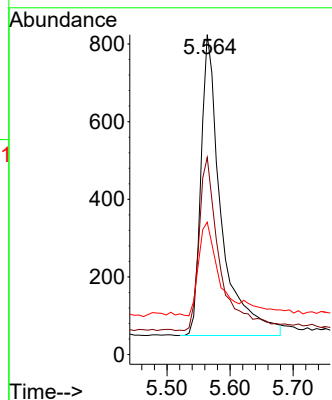
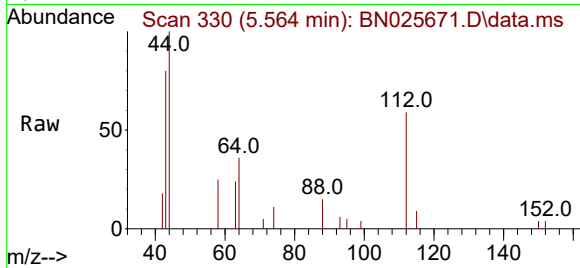




#4
2-Fluorophenol
Concen: 0.113 ng
RT: 5.564 min Scan# 311
Delta R.T. 0.007 min
Lab File: BN025671.D
Acq: 28 May 2023 07:54

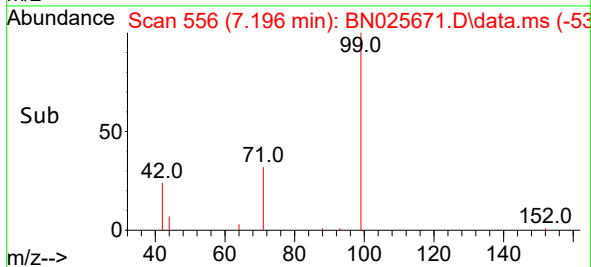
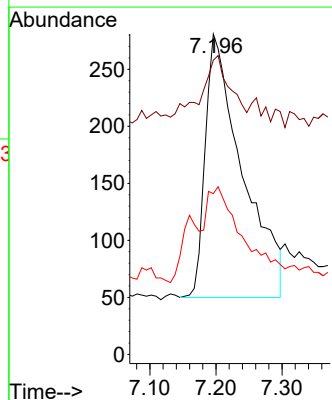
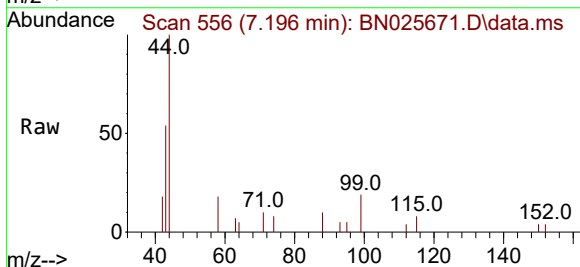
Instrument :
BNA_N
ClientSampleId :
RW9-MW01S-20230522

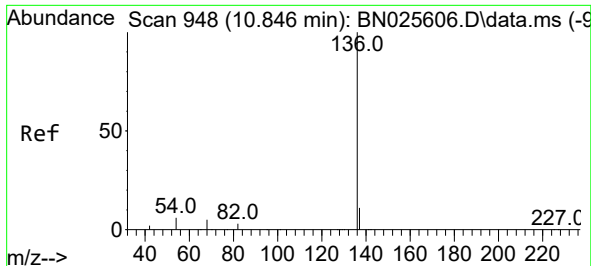
Tgt Ion:112 Resp: 1733
Ion Ratio Lower Upper
112 100
64 59.1 45.7 68.5
63 29.4 26.2 39.2



#5
Phenol-d6
Concen: 0.049 ng
RT: 7.196 min Scan# 556
Delta R.T. 0.022 min
Lab File: BN025671.D
Acq: 28 May 2023 07:54

Tgt Ion: 99 Resp: 898
Ion Ratio Lower Upper
99 100
42 17.8 17.1 25.7
71 28.6 29.3 43.9#

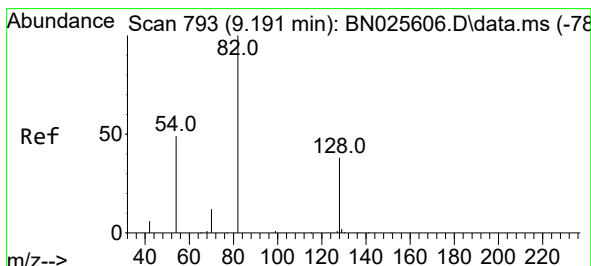
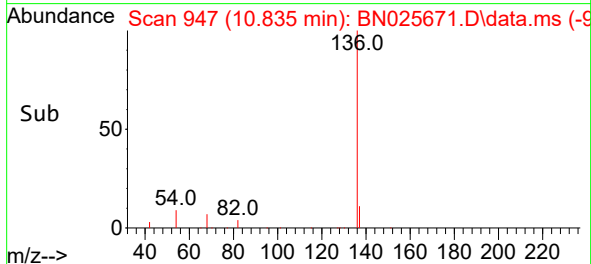
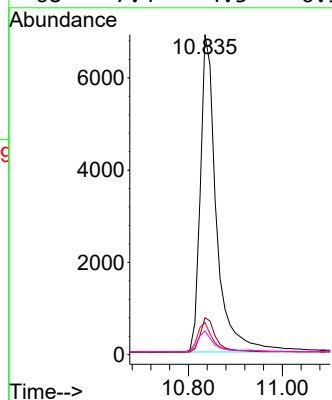
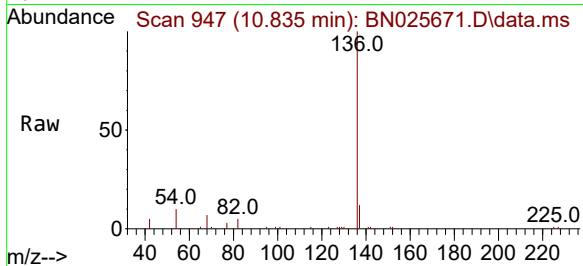




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.835 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN025671.D
Acq: 28 May 2023 07:54

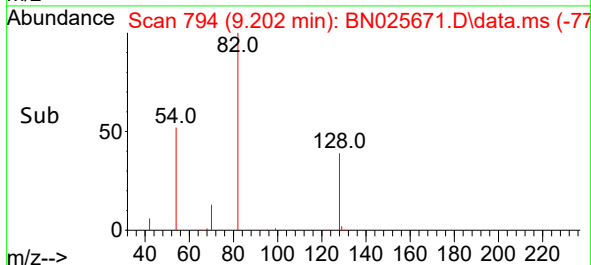
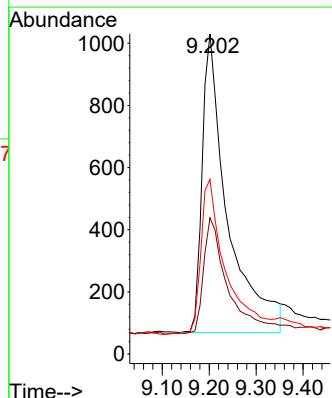
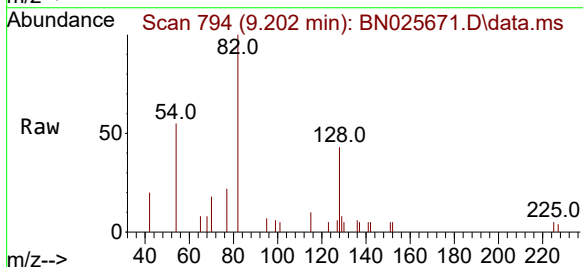
Instrument :
BNA_N
ClientSampleId :
RW9-MW01S-20230522

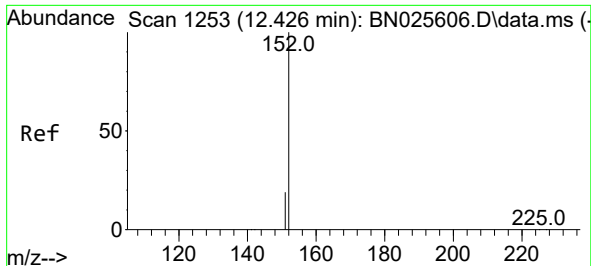
Tgt Ion:136	Resp:	16334
Ion Ratio	Lower	Upper
136	100	
137	11.6	9.1 13.7
54	10.0	5.4 8.0#
68	7.4	4.3 6.5#



#8
Nitrobenzene-d5
Concen: 0.263 ng
RT: 9.202 min Scan# 794
Delta R.T. 0.011 min
Lab File: BN025671.D
Acq: 28 May 2023 07:54

Tgt Ion: 82	Resp:	3594
Ion Ratio	Lower	Upper
82	100	
128	42.5	32.5 48.7
54	54.6	40.6 60.8





#11

2-Methylnaphthalene-d10

Concen: 0.296 ng

RT: 12.426 min Scan# 11

Delta R.T. 0.004 min

Lab File: BN025671.D

Acq: 28 May 2023 07:54

Instrument :

BNA_N

ClientSampleId :

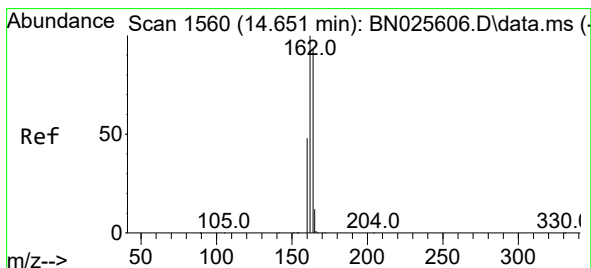
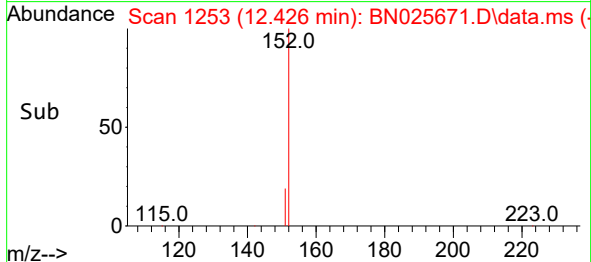
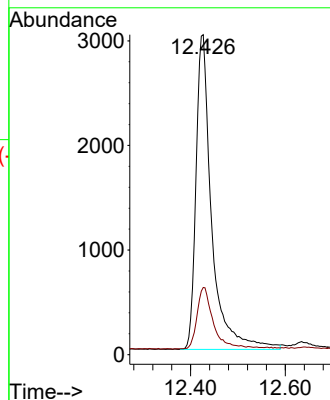
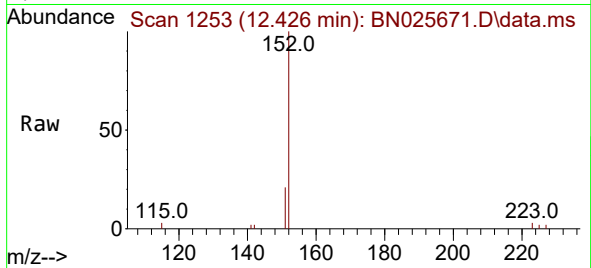
RW9-MW01S-20230522

Tgt Ion:152 Resp: 6909

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: BN025671.D

Acq: 28 May 2023 07:54

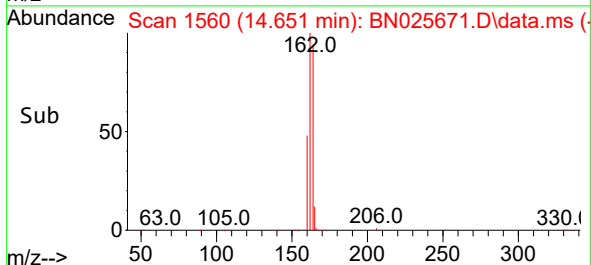
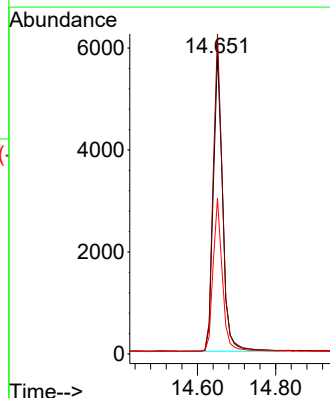
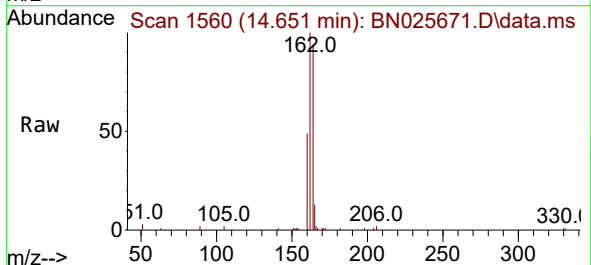
Tgt Ion:164 Resp: 9702

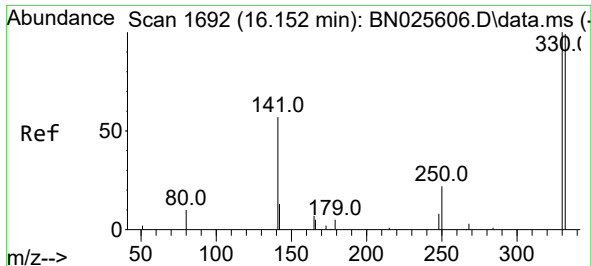
Ion Ratio Lower Upper

164 100

162 106.4 86.4 129.6

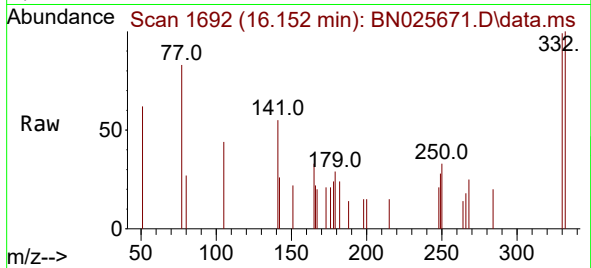
160 51.8 41.9 62.9



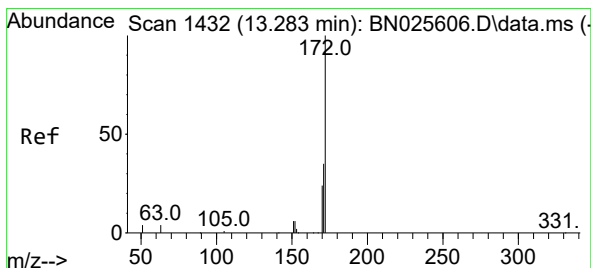
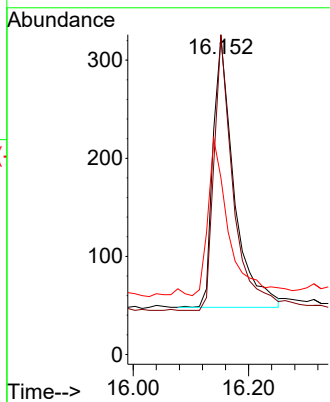
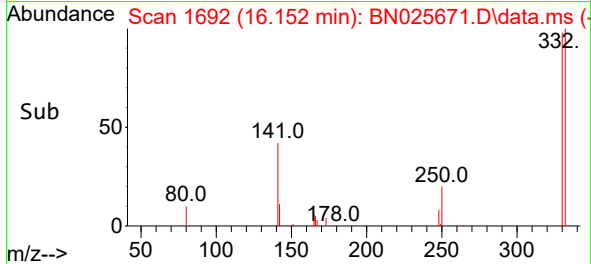


#14
2,4,6-Tribromophenol
Concen: 0.353 ng
RT: 16.152 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN025671.D
Acq: 28 May 2023 07:54

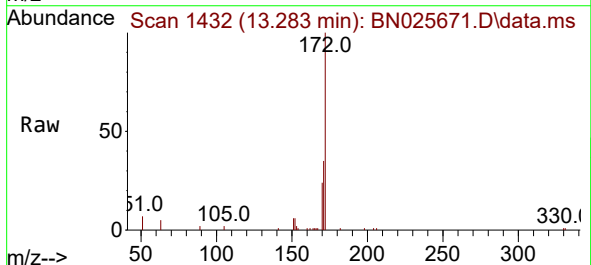
Instrument :
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ClientSampleId :
RW9-MW01S-20230522



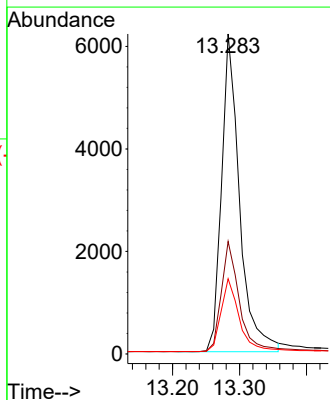
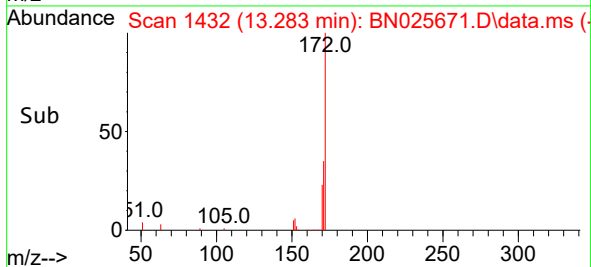
Tgt Ion:330 Resp: 693
Ion Ratio Lower Upper
330 100
332 93.4 80.0 120.0
141 57.1 45.8 68.6

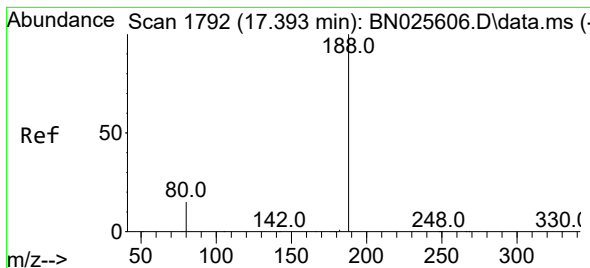


#15
2-Fluorobiphenyl
Concen: 0.289 ng
RT: 13.283 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BN025671.D
Acq: 28 May 2023 07:54



Tgt Ion:172 Resp: 11592
Ion Ratio Lower Upper
172 100
171 35.2 28.6 42.8
170 23.5 19.7 29.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.393 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN025671.D

Acq: 28 May 2023 07:54

Instrument :

BNA_N

ClientSampleId :

RW9-MW01S-20230522

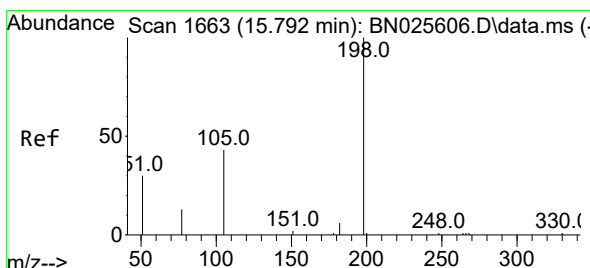
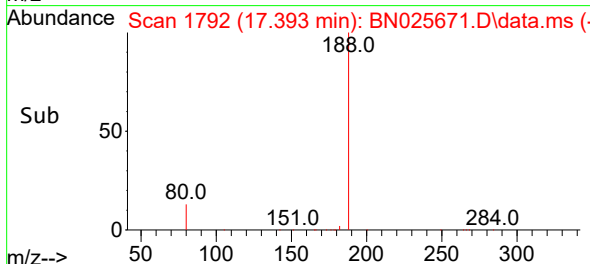
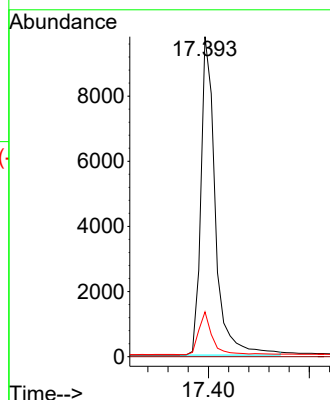
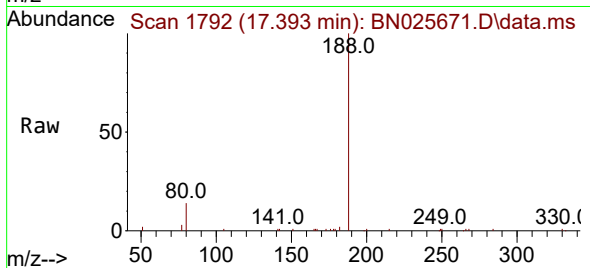
Tgt Ion:188 Resp: 19474

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.0 12.2 18.2



#20

4,6-Dinitro-2-methylphenol

Concen: 0.115 ng

RT: 15.804 min Scan# 1664

Delta R.T. 0.012 min

Lab File: BN025671.D

Acq: 28 May 2023 07:54

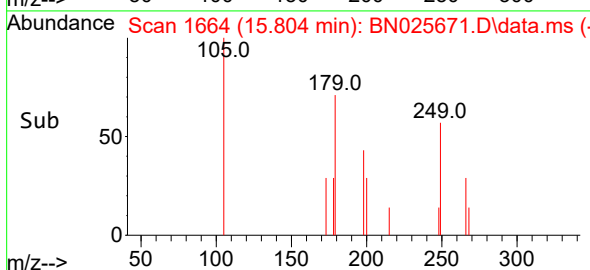
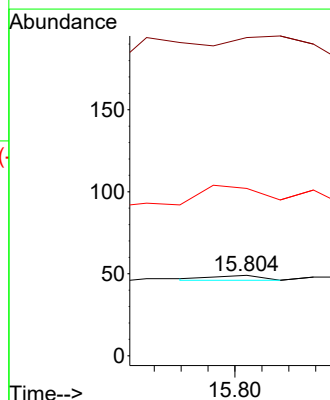
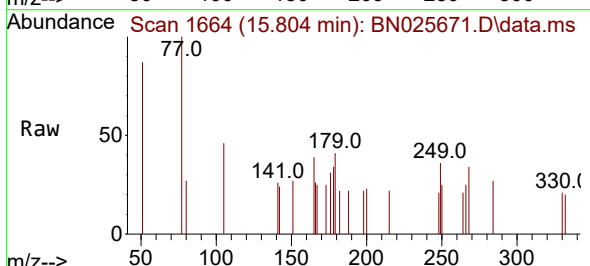
Tgt Ion:198 Resp: 4

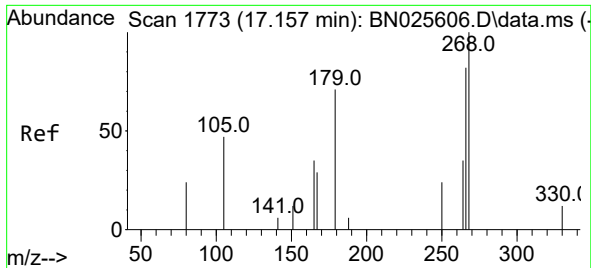
Ion Ratio Lower Upper

198 100

51 395.9 110.8 166.2#

105 208.2 61.9 92.9#

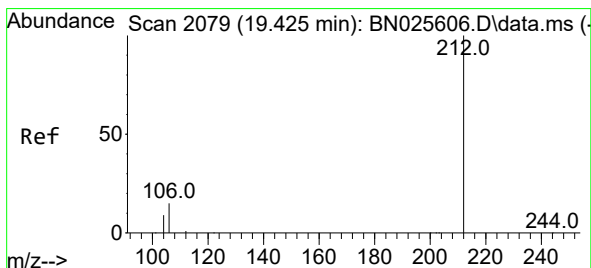
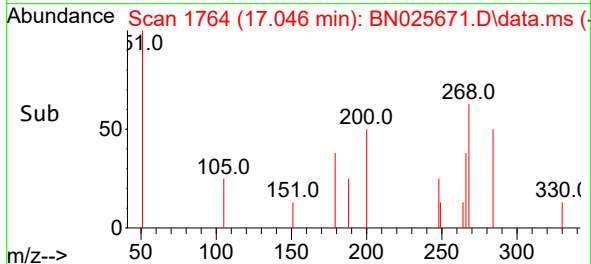
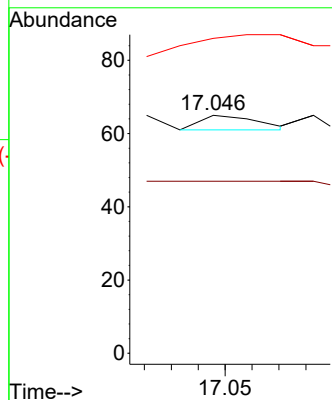
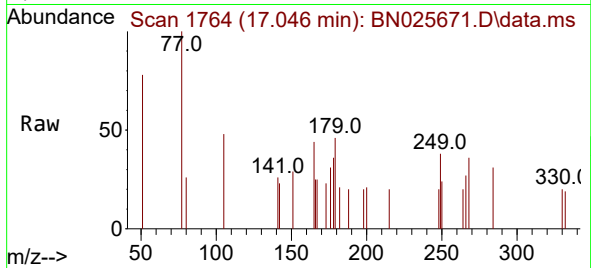




#24
Pentachlorophenol
Concen: 0.370 ng
RT: 17.046 min Scan# 1764
Delta R.T. -0.025 min
Lab File: BN025671.D
Acq: 28 May 2023 07:54

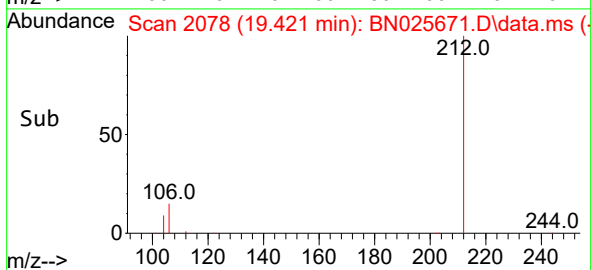
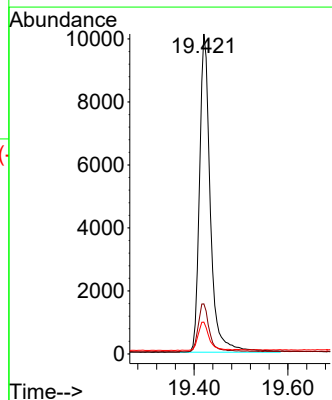
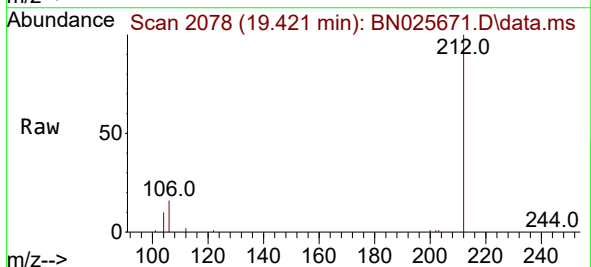
Instrument :
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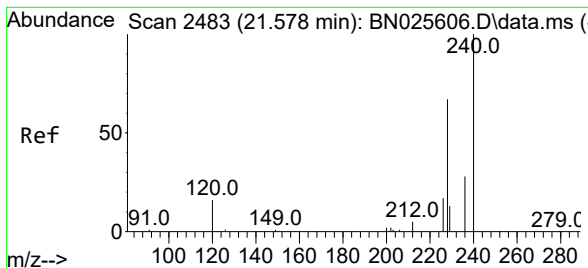
Tgt Ion:266 Resp: 6
Ion Ratio Lower Upper
266 100
264 0.0 60.0 90.0#
268 283.3 0.0 0.0#



#27
Fluoranthene-d10
Concen: 0.368 ng
RT: 19.421 min Scan# 2078
Delta R.T. -0.000 min
Lab File: BN025671.D
Acq: 28 May 2023 07:54

Tgt Ion:212 Resp: 16219
Ion Ratio Lower Upper
212 100
106 15.5 12.3 18.5
104 8.9 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: BN025671.D

Acq: 28 May 2023 07:54

Instrument :

BNA_N

ClientSampleId :

RW9-MW01S-20230522

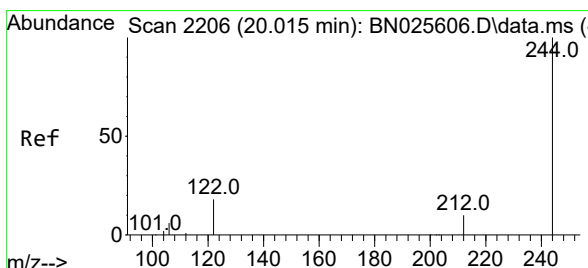
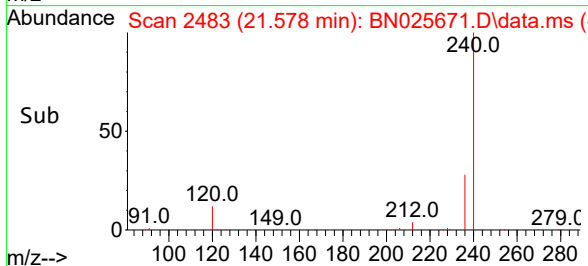
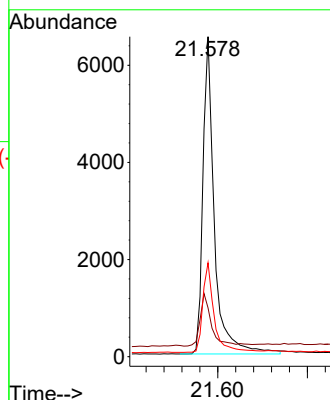
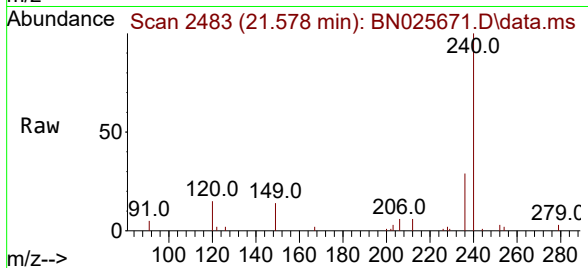
Tgt Ion:240 Resp: 11644

Ion Ratio Lower Upper

240 100

120 15.2 15.4 23.0#

236 29.4 23.2 34.8



#31

Terphenyl-d14

Concen: 0.454 ng

RT: 20.011 min Scan# 2205

Delta R.T. -0.005 min

Lab File: BN025671.D

Acq: 28 May 2023 07:54

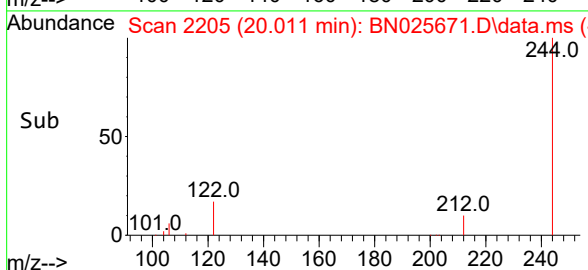
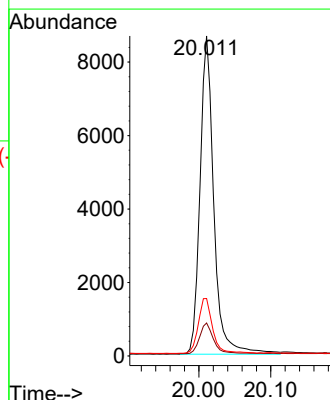
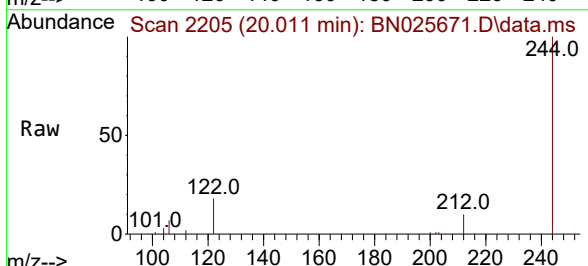
Tgt Ion:244 Resp: 11586

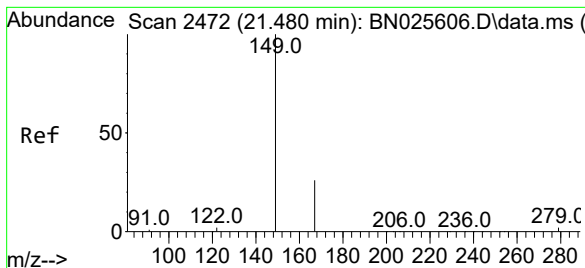
Ion Ratio Lower Upper

244 100

212 10.3 8.5 12.7

122 18.0 14.9 22.3

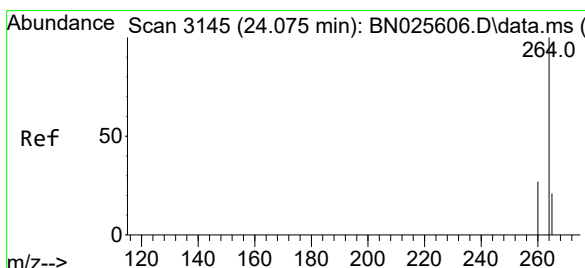
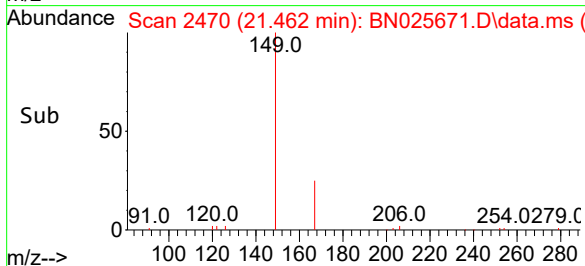
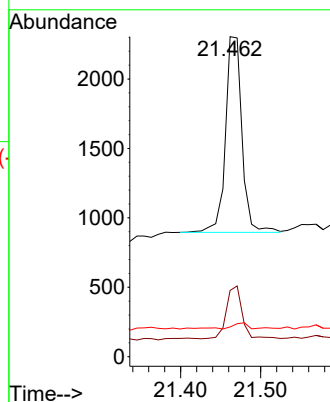
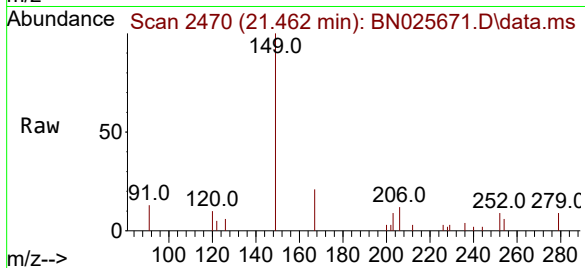




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.076 ng
RT: 21.462 min Scan# 2470
Delta R.T. -0.009 min
Lab File: BN025671.D
Acq: 28 May 2023 07:54

Instrument :
BNA_N
ClientSampleId :
RW9-MW01S-20230522

Tgt Ion:149 Resp: 2018
Ion Ratio Lower Upper
149 100
167 25.9 20.4 30.6
279 2.7 3.3 4.9#



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.051 min Scan# 3137
Delta R.T. -0.018 min
Lab File: BN025671.D
Acq: 28 May 2023 07:54

Tgt Ion:264 Resp: 10315
Ion Ratio Lower Upper
264 100
260 26.8 22.3 33.5
265 62.4 54.3 81.5

