

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
 Data File : BN025677.D
 Acq On : 28 May 2023 11:28
 Operator : CG/JU
 Sample : 02912-05
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE103D1-20230523

Quant Time: May 29 01:15:38 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)

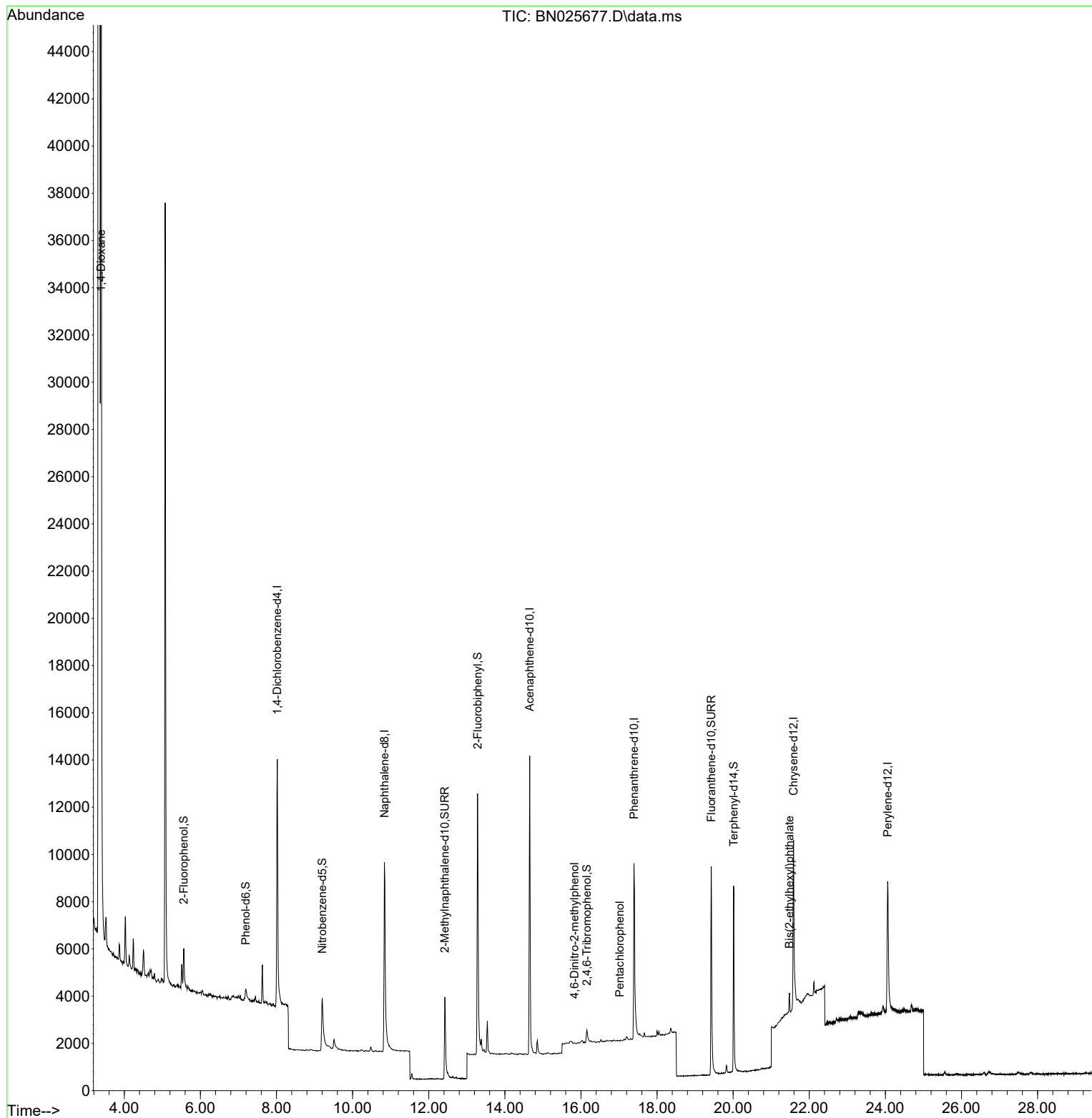
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.019	152	5823	0.400	ng	0.00
7) Naphthalene-d8	10.835	136	15114	0.400	ng	# 0.00
13) Acenaphthene-d10	14.651	164	7828	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	13921	0.400	ng	0.00
29) Chrysene-d12	21.587	240	9253	0.400	ng	0.00
35) Perylene-d12	24.060	264	10464	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.564	112	1871	0.125	ng	0.00
5) Phenol-d6	7.189	99	952	0.053	ng	0.01
8) Nitrobenzene-d5	9.202	82	3779	0.299	ng	0.01
11) 2-Methylnaphthalene-d10	12.423	152	6883	0.319	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	458	0.289	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	11967	0.370	ng	0.00
27) Fluoranthene-d10	19.425	212	12230	0.388	ng	0.00
31) Terphenyl-d14	20.015	244	8650	0.427	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.390	88	39877	5.914	ng	Qvalue 98
20) 4,6-Dinitro-2-methylph...	15.829	198	1	0.114	ng	# 1
24) Pentachlorophenol	17.021	266	5	0.371	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.480	149	817	0.039	ng	92

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

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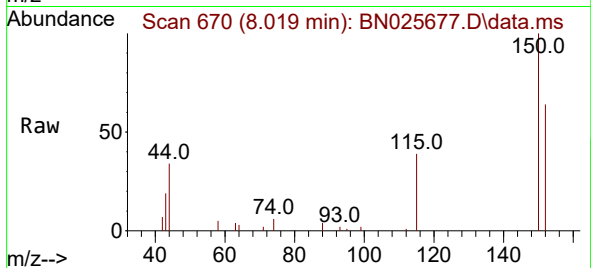
Quant Time: May 29 01:15:38 2023
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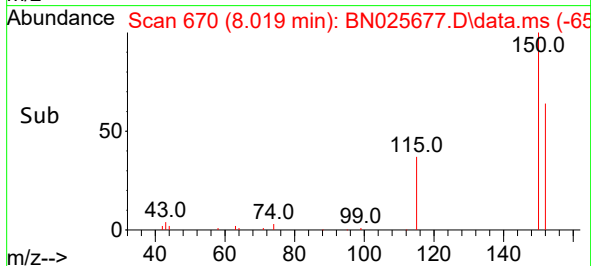
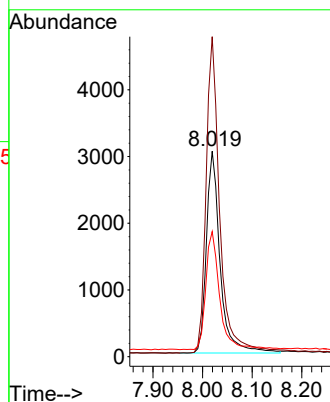


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.019 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN025677.D
Acq: 28 May 2023 11:28

Instrument :
BNA_N
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RE103D1-20230523

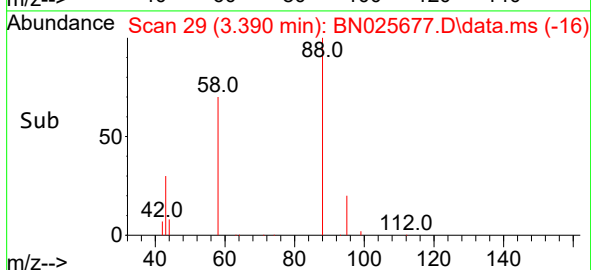
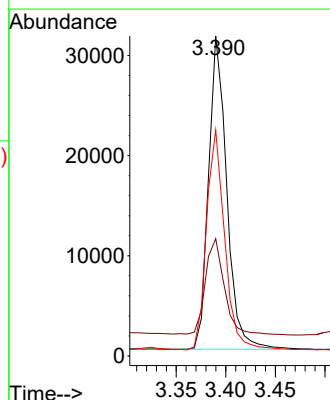
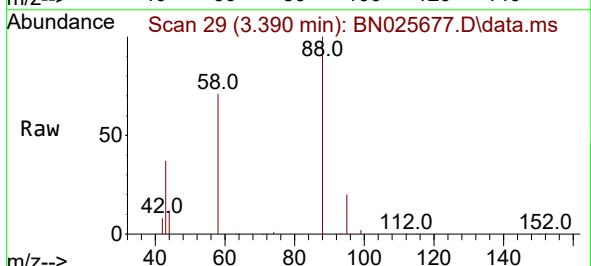


Tgt Ion:152 Resp: 5823
Ion Ratio Lower Upper
152 100
150 155.8 121.0 181.6
115 60.9 48.5 72.7



#2
1,4-Dioxane
Concen: 5.914 ng
RT: 3.390 min Scan# 29
Delta R.T. -0.007 min
Lab File: BN025677.D
Acq: 28 May 2023 11:28

Tgt Ion: 88 Resp: 39877
Ion Ratio Lower Upper
88 100
43 31.3 26.5 39.7
58 69.7 56.8 85.2

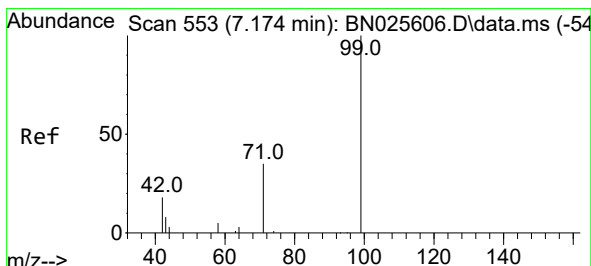
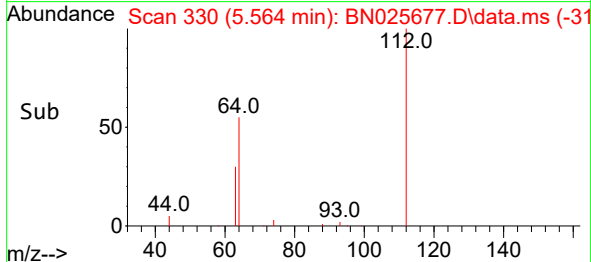
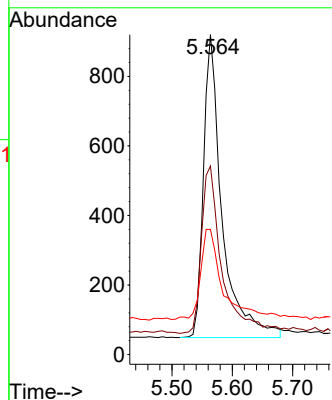
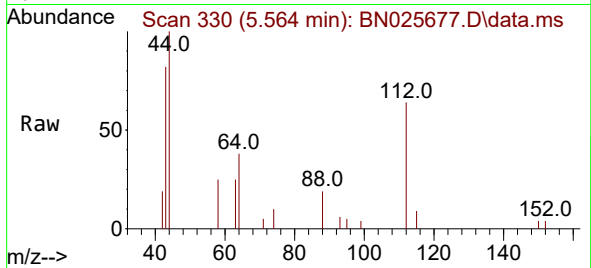




#4
2-Fluorophenol
Concen: 0.125 ng
RT: 5.564 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN025677.D
Acq: 28 May 2023 11:28

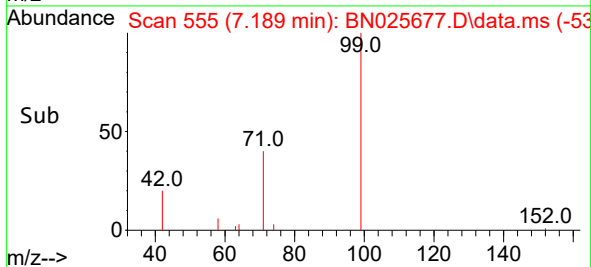
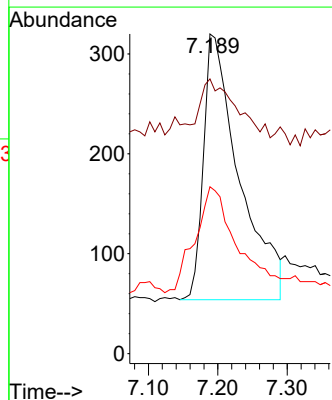
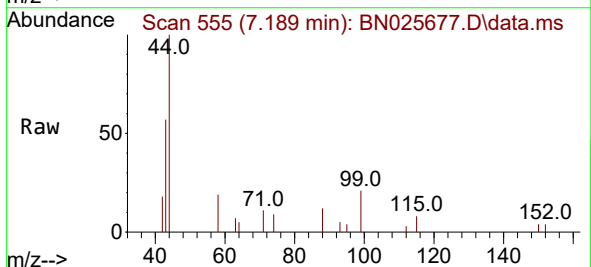
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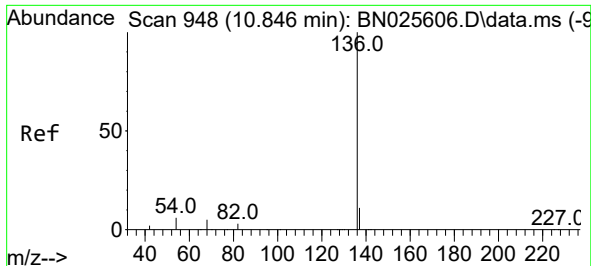
Tgt Ion:112 Resp: 1871
Ion Ratio Lower Upper
112 100
64 60.8 45.7 68.5
63 35.3 26.2 39.2



#5
Phenol-d6
Concen: 0.053 ng
RT: 7.189 min Scan# 555
Delta R.T. 0.014 min
Lab File: BN025677.D
Acq: 28 May 2023 11:28

Tgt Ion: 99 Resp: 952
Ion Ratio Lower Upper
99 100
42 21.5 17.1 25.7
71 47.2 29.3 43.9#

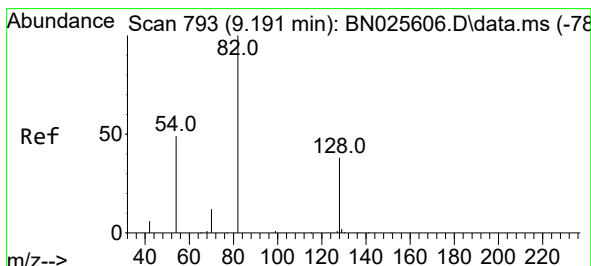
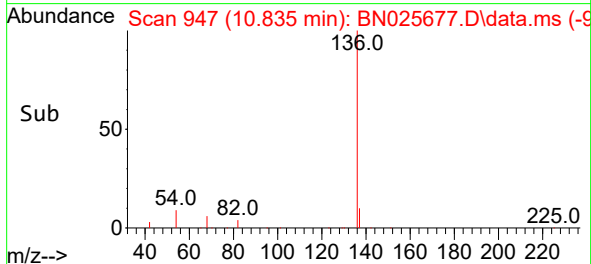
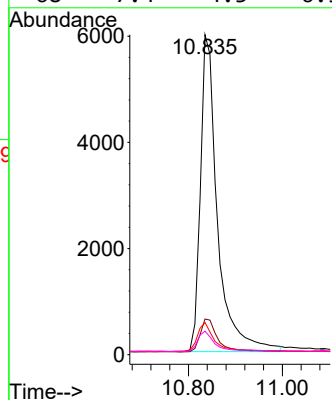
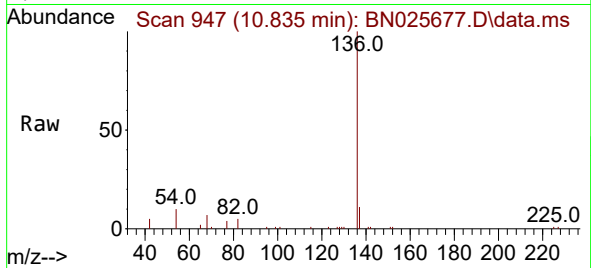




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.835 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN025677.D
Acq: 28 May 2023 11:28

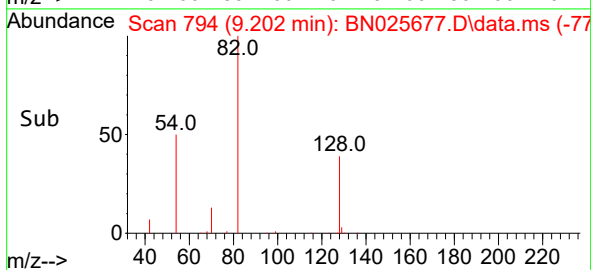
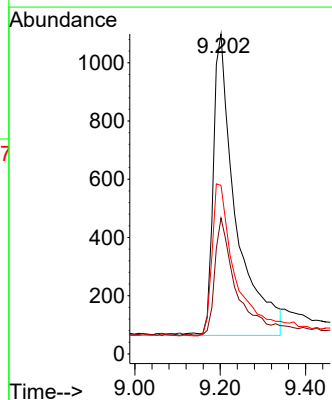
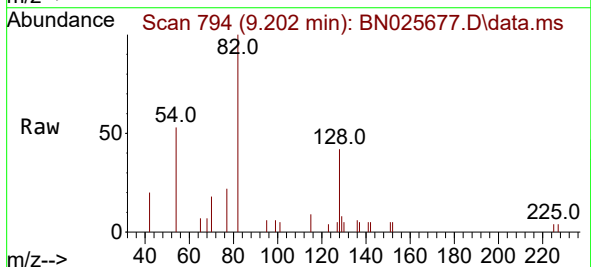
Instrument :
BNA_N
ClientSampleId :
RE103D1-20230523

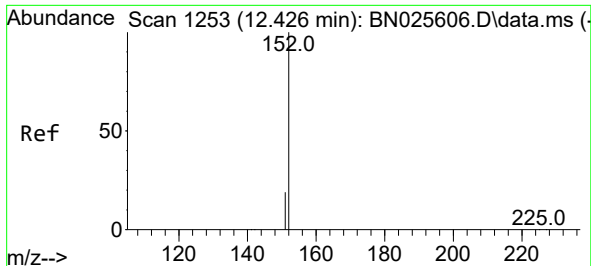
Tgt Ion:136 Resp: 15114
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 10.1 5.4 8.0#
68 7.4 4.3 6.5#



#8
Nitrobenzene-d5
Concen: 0.299 ng
RT: 9.202 min Scan# 794
Delta R.T. 0.010 min
Lab File: BN025677.D
Acq: 28 May 2023 11:28

Tgt Ion: 82 Resp: 3779
Ion Ratio Lower Upper
82 100
128 42.5 32.5 48.7
54 52.7 40.6 60.8

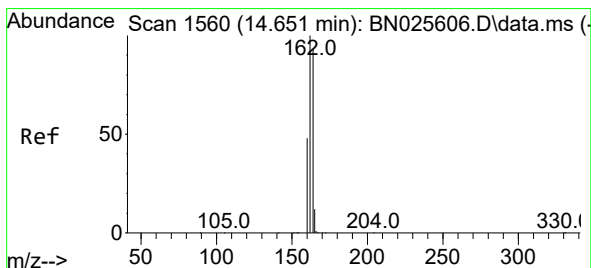
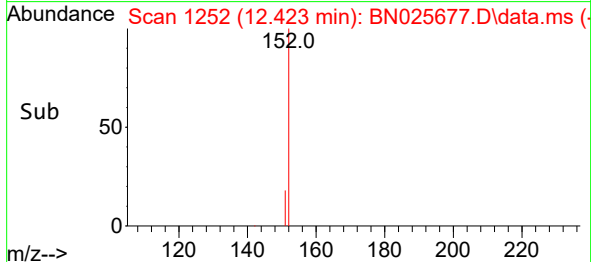
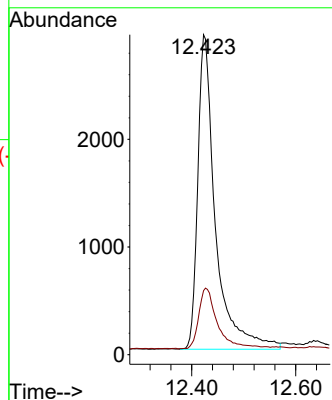
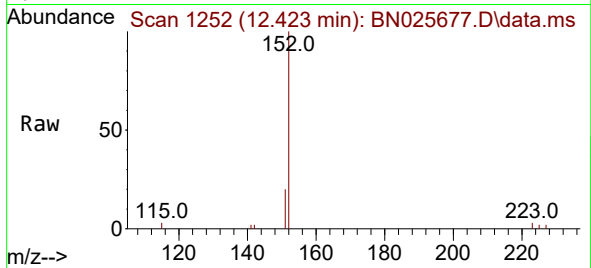




#11
2-Methylnaphthalene-d10
Concen: 0.319 ng
RT: 12.423 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN025677.D
Acq: 28 May 2023 11:28

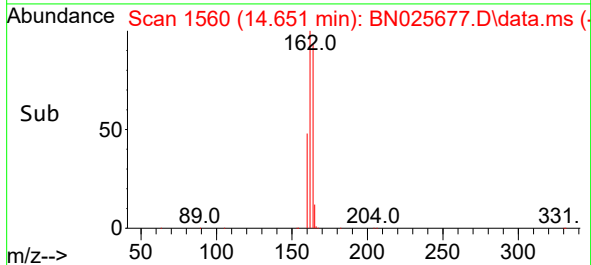
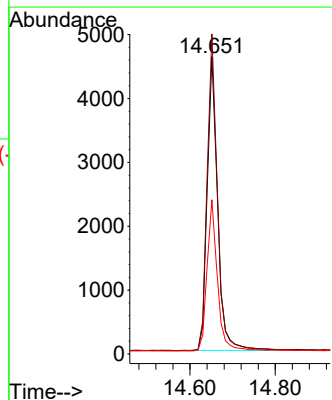
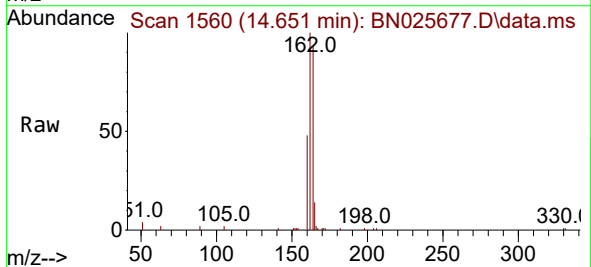
Instrument :
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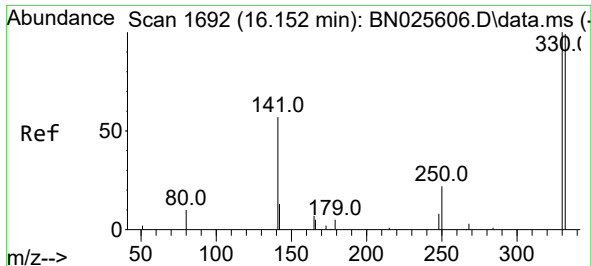
Tgt Ion:152 Resp: 6883
Ion Ratio Lower Upper
152 100
151 20.6 16.1 24.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.651 min Scan# 1560
Delta R.T. -0.000 min
Lab File: BN025677.D
Acq: 28 May 2023 11:28

Tgt Ion:164 Resp: 7828
Ion Ratio Lower Upper
164 100
162 107.6 86.4 129.6
160 51.9 41.9 62.9

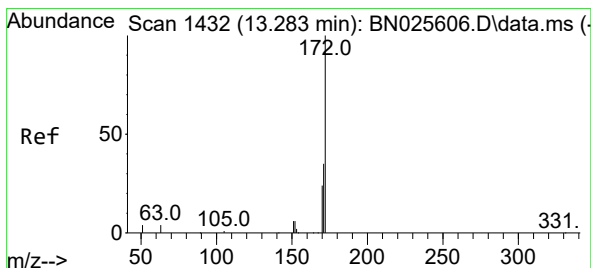
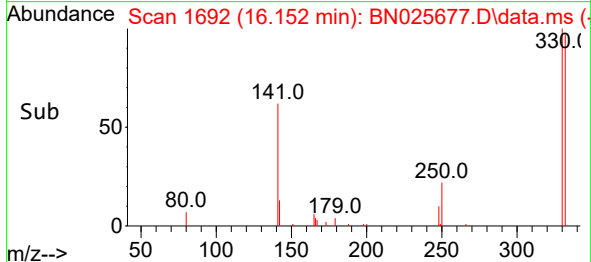
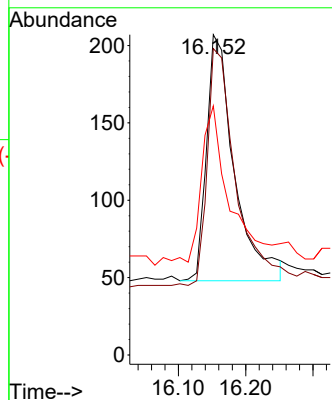
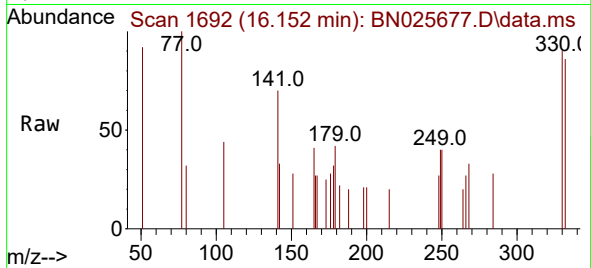




#14
2,4,6-Tribromophenol
Concen: 0.289 ng
RT: 16.152 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN025677.D
Acq: 28 May 2023 11:28

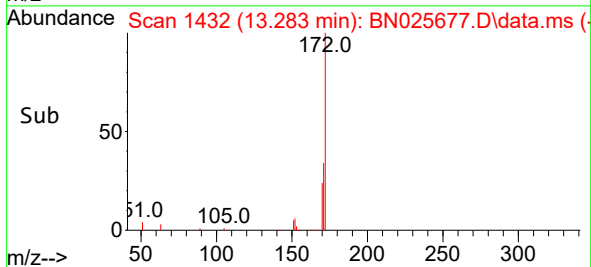
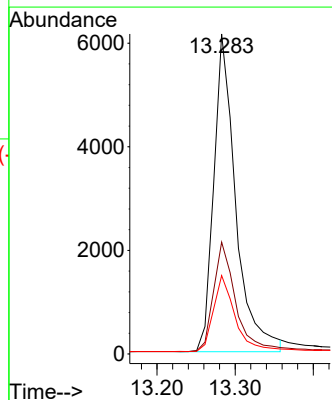
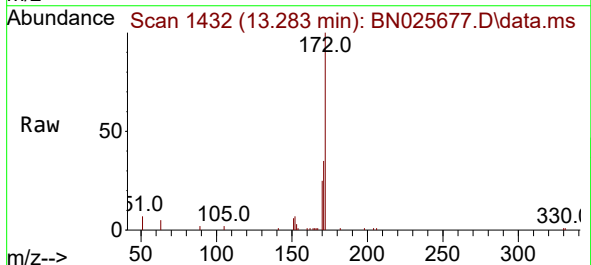
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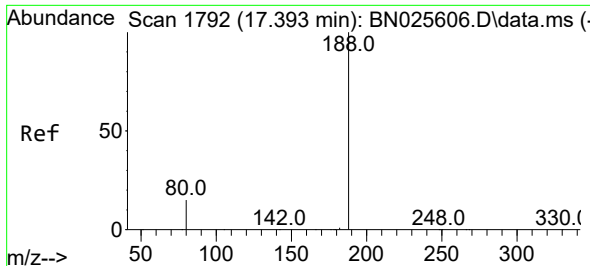
Tgt Ion:330 Resp: 458
Ion Ratio Lower Upper
330 100
332 98.5 80.0 120.0
141 60.9 45.8 68.6



#15
2-Fluorobiphenyl
Concen: 0.370 ng
RT: 13.283 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BN025677.D
Acq: 28 May 2023 11:28

Tgt Ion:172 Resp: 11967
Ion Ratio Lower Upper
172 100
171 35.0 28.6 42.8
170 24.5 19.7 29.5

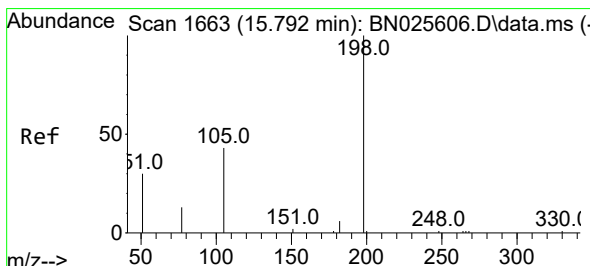
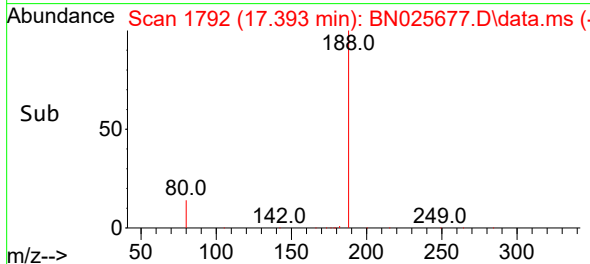
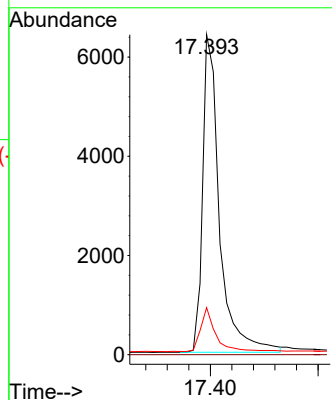
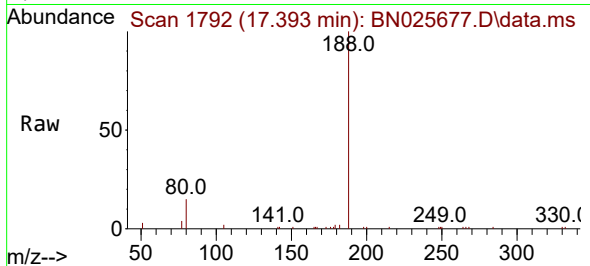




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.393 min Scan# 1792
Delta R.T. -0.000 min
Lab File: BN025677.D
Acq: 28 May 2023 11:28

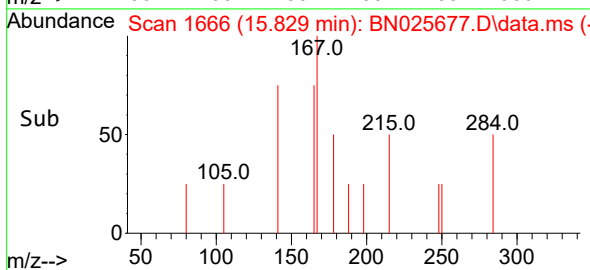
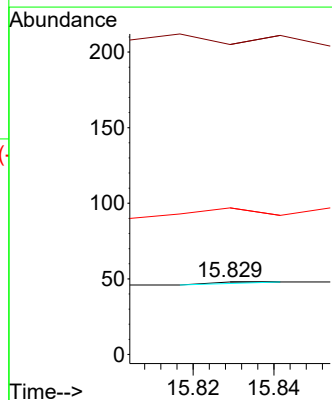
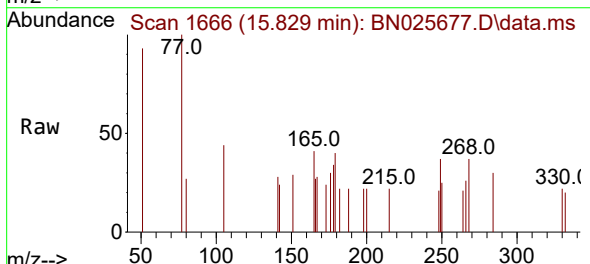
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ClientSampleId :
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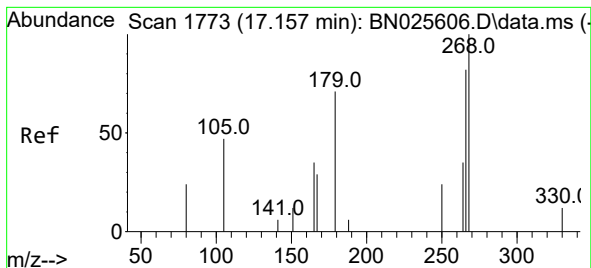
Tgt Ion:188 Resp: 13921
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.7 12.2 18.2



#20
4,6-Dinitro-2-methylphenol
Concen: 0.114 ng
RT: 15.829 min Scan# 1666
Delta R.T. 0.037 min
Lab File: BN025677.D
Acq: 28 May 2023 11:28

Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 427.1 110.8 166.2#
105 202.1 61.9 92.9#





#24

Pentachlorophenol

Concen: 0.371 ng

RT: 17.021 min Scan# 1762

Delta R.T. -0.050 min

Lab File: BN025677.D

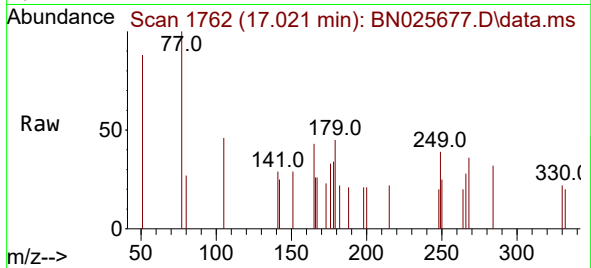
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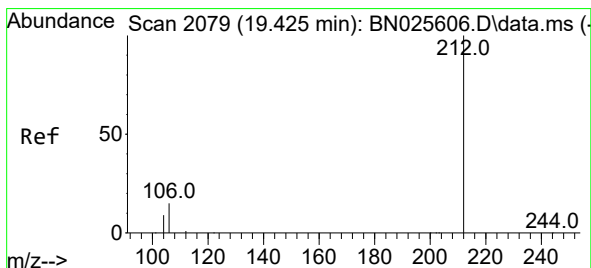
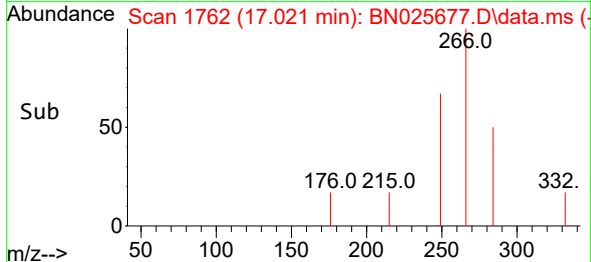
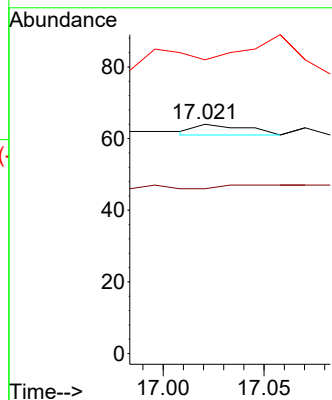
BNA_N

ClientSampleId :

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Tgt Ion:	266	Resp:	5
Ion Ratio	Lower	Upper	
266	100		
264	80.0	60.0	90.0
268	0.0	0.0	0.0



#27

Fluoranthene-d10

Concen: 0.388 ng

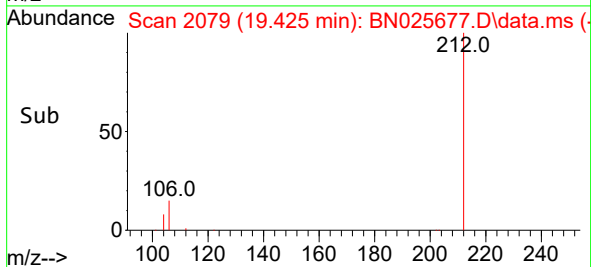
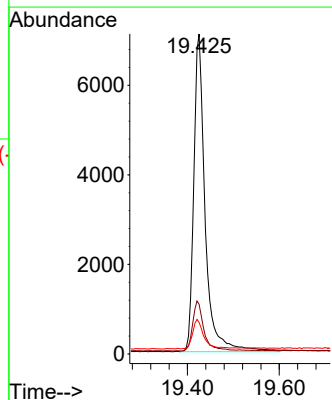
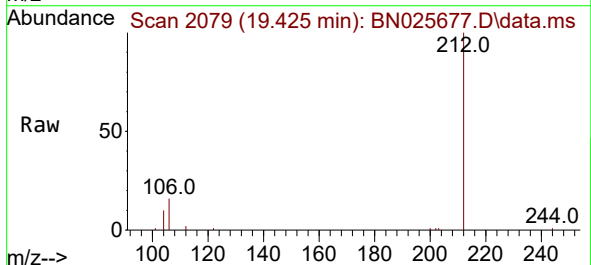
RT: 19.425 min Scan# 2079

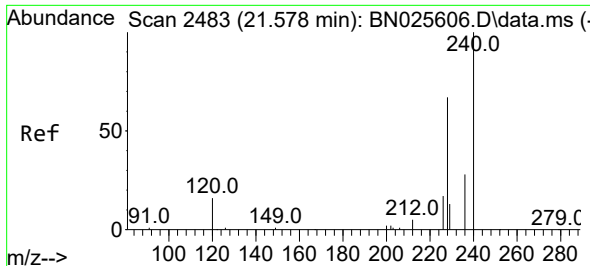
Delta R.T. 0.004 min

Lab File: BN025677.D

Acq: 28 May 2023 11:28

Tgt Ion:	212	Resp:	12230
Ion Ratio	Lower	Upper	
212	100		
106	15.3	12.3	18.5
104	9.3	7.2	10.8

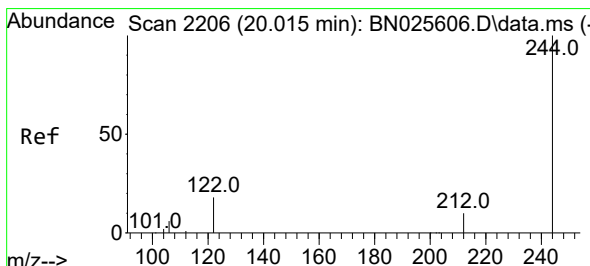
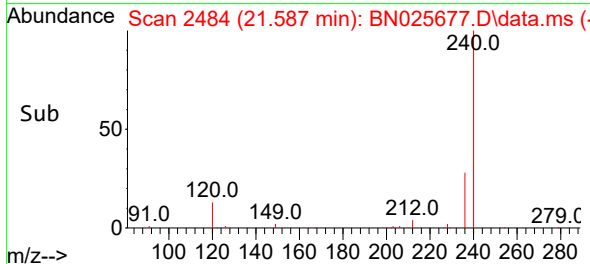
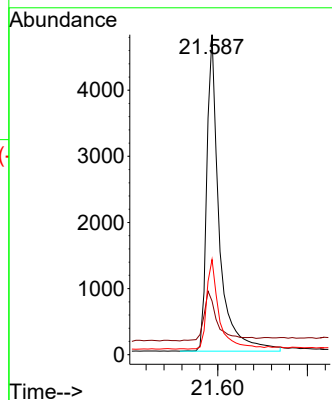
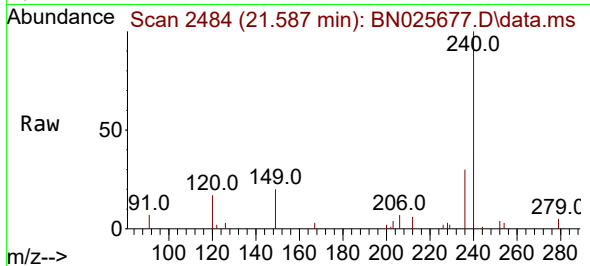




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.587 min Scan# 2484
Delta R.T. 0.009 min
Lab File: BN025677.D
Acq: 28 May 2023 11:28

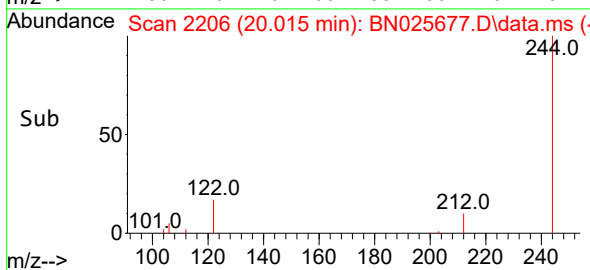
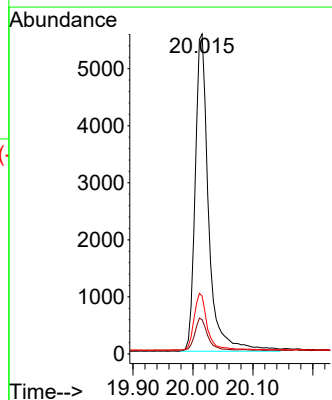
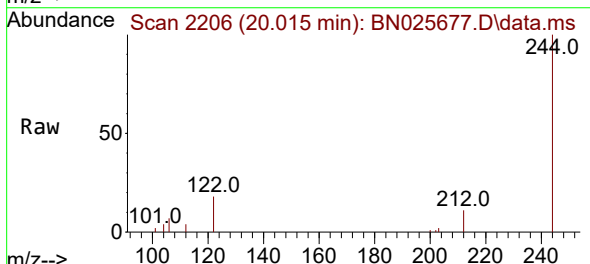
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ClientSampleId :
RE103D1-20230523

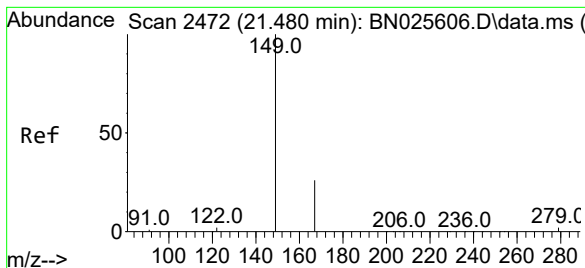
Tgt Ion:240 Resp: 9253
Ion Ratio Lower Upper
240 100
120 16.8 15.4 23.0
236 29.8 23.2 34.8



#31
Terphenyl-d14
Concen: 0.427 ng
RT: 20.015 min Scan# 2206
Delta R.T. -0.000 min
Lab File: BN025677.D
Acq: 28 May 2023 11:28

Tgt Ion:244 Resp: 8650
Ion Ratio Lower Upper
244 100
212 10.7 8.5 12.7
122 18.1 14.9 22.3

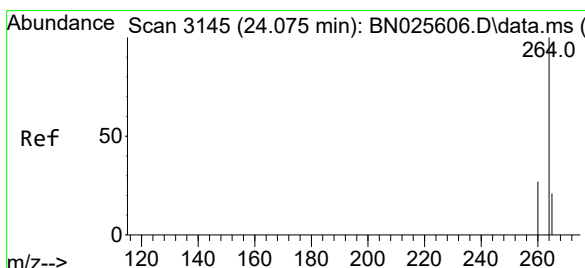
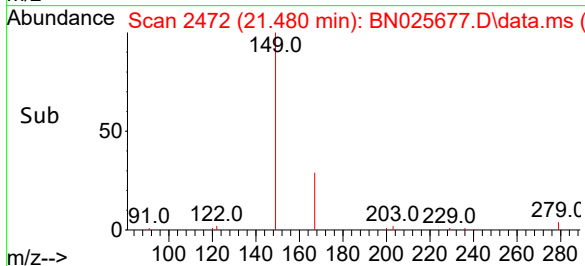
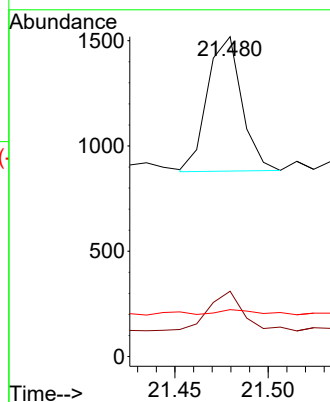
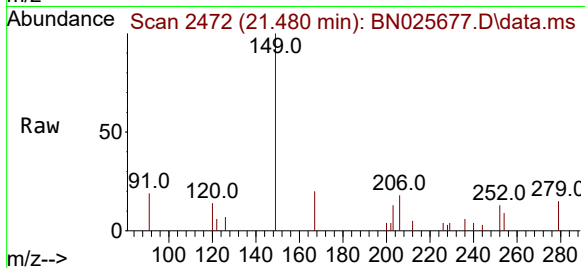




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.039 ng
 RT: 21.480 min Scan# 2472
 Delta R.T. 0.009 min
 Lab File: BN025677.D
 Acq: 28 May 2023 11:28

Instrument :
 BNA_N
 ClientSampleId :
 RE103D1-20230523

Tgt Ion:149 Resp: 817
 Ion Ratio Lower Upper
 149 100
 167 30.2 20.4 30.6
 279 4.3 3.3 4.9



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.060 min Scan# 3140
 Delta R.T. -0.009 min
 Lab File: BN025677.D
 Acq: 28 May 2023 11:28

Tgt Ion:264 Resp: 10464
 Ion Ratio Lower Upper
 264 100
 260 26.7 22.3 33.5
 265 59.1 54.3 81.5

