

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
 Data File : BN025696.D
 Acq On : 28 May 2023 23:59
 Operator : CG/JU
 Sample : 02943-03
 Misc :
 ALS Vial : 94 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE108D2-20230523

Quant Time: May 29 01:42:26 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)

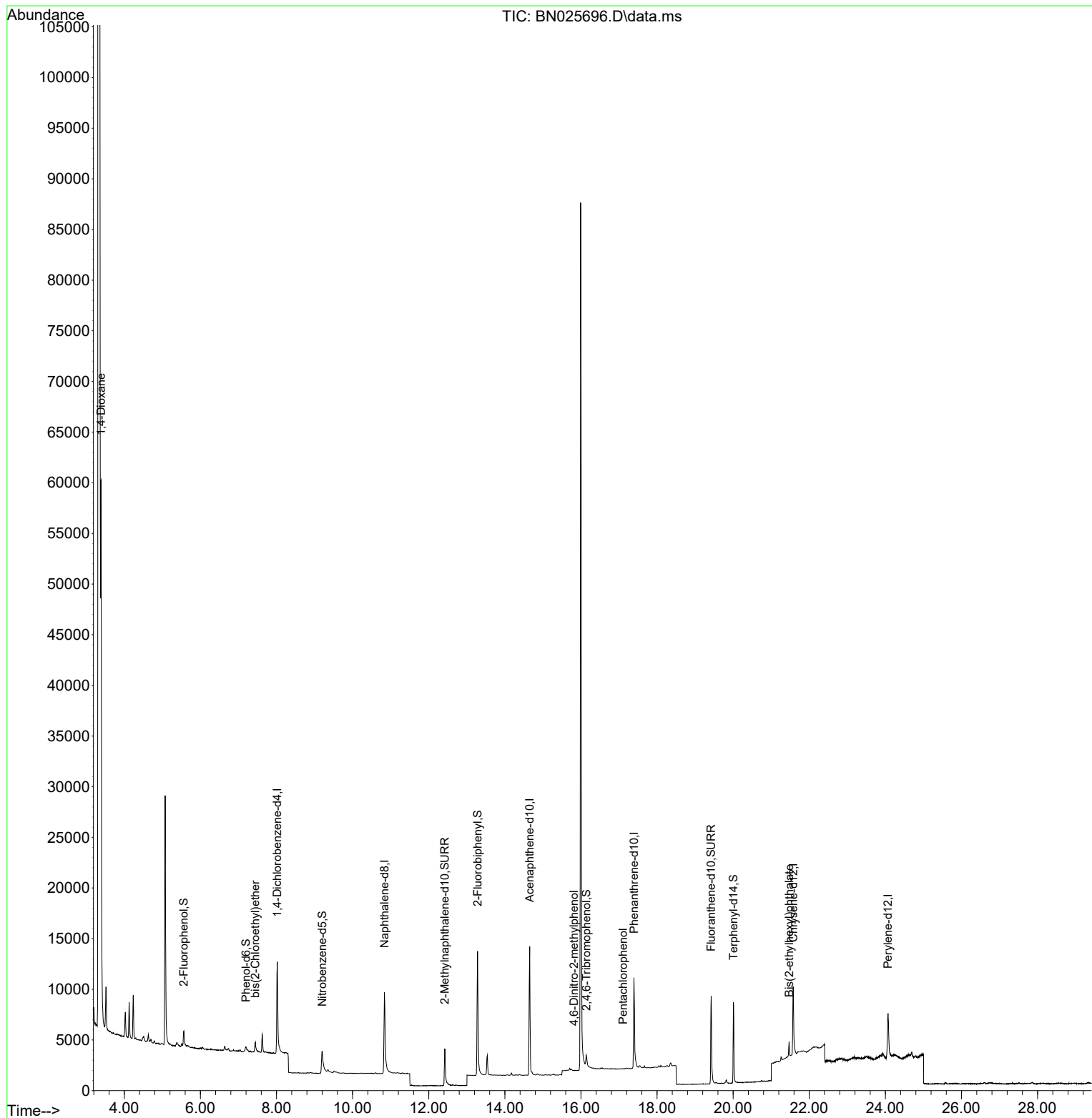
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.019	152	5418	0.400	ng	0.00
7) Naphthalene-d8	10.835	136	14272	0.400	ng	# 0.00
13) Acenaphthene-d10	14.651	164	7705	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	14179	0.400	ng	0.00
29) Chrysene-d12	21.578	240	8178	0.400	ng	0.00
35) Perylene-d12	24.069	264	8503	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.564	112	1820	0.131	ng	0.00
5) Phenol-d6	7.196	99	1001	0.060	ng	0.02
8) Nitrobenzene-d5	9.202	82	3675	0.308	ng	0.01
11) 2-Methylnaphthalene-d10	12.423	152	6894	0.339	ng	0.00
14) 2,4,6-Tribromophenol	16.140	330	728	0.467	ng	-0.01
15) 2-Fluorobiphenyl	13.283	172	12999	0.409	ng	0.00
27) Fluoranthene-d10	19.421	212	11260	0.351	ng	0.00
31) Terphenyl-d14	20.011	244	8274	0.462	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.390	88	24639	3.927	ng	98
6) bis(2-Chloroethyl)ether	7.442	93	1099	0.064	ng	87
20) 4,6-Dinitro-2-methylph...	15.817	198	2	0.114	ng	# 1
24) Pentachlorophenol	17.108	266	29	0.398	ng	# 12
34) Bis(2-ethylhexyl)phtha...	21.471	149	1694	0.091	ng	# 92

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

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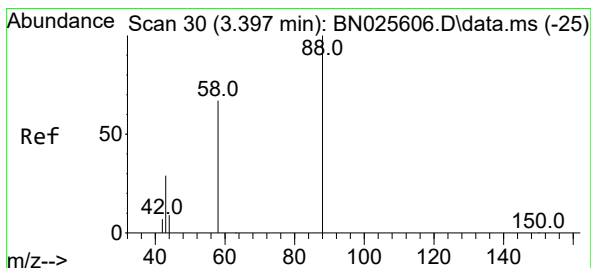
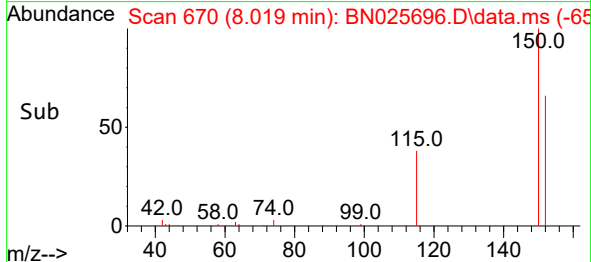
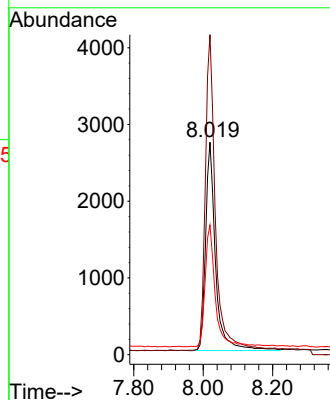
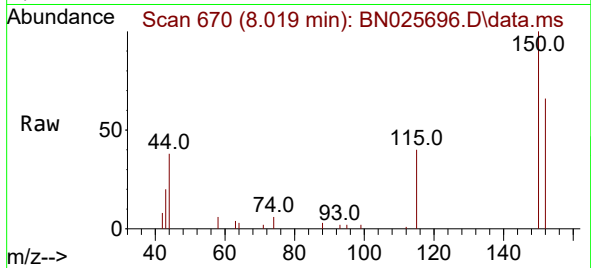




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.019 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN025696.D
Acq: 28 May 2023 23:59

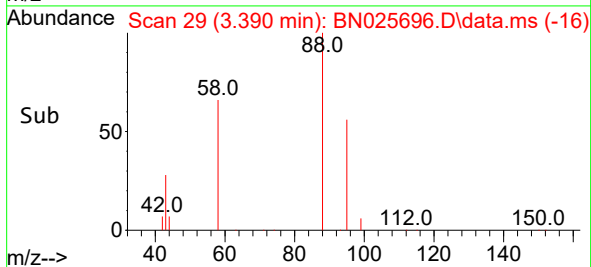
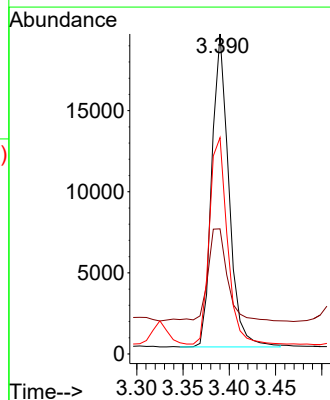
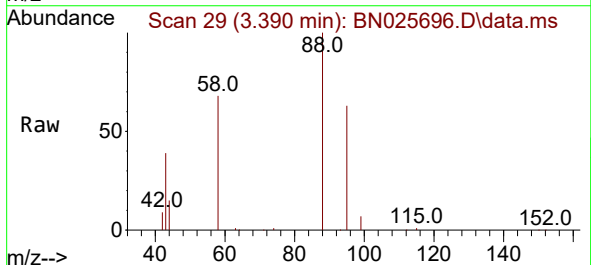
Instrument :
BNA_N
ClientSampleId :
RE108D2-20230523

Tgt Ion:152 Resp: 5418
Ion Ratio Lower Upper
152 100
150 150.6 121.0 181.6
115 61.0 48.5 72.7



#2
1,4-Dioxane
Concen: 3.927 ng
RT: 3.390 min Scan# 29
Delta R.T. -0.007 min
Lab File: BN025696.D
Acq: 28 May 2023 23:59

Tgt Ion: 88 Resp: 24639
Ion Ratio Lower Upper
88 100
43 33.8 26.5 39.7
58 69.5 56.8 85.2

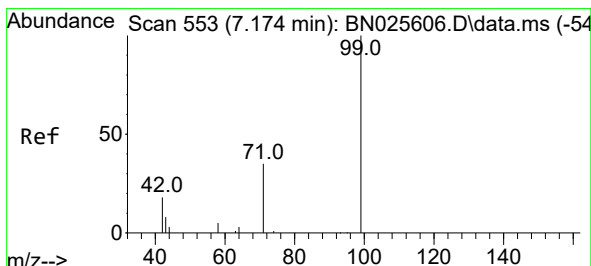
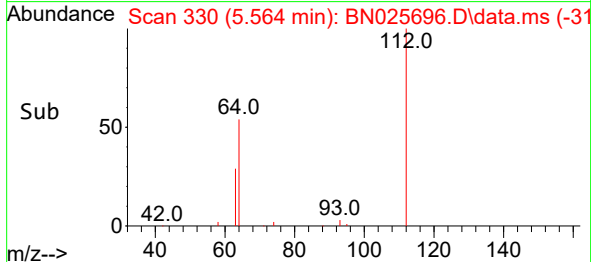
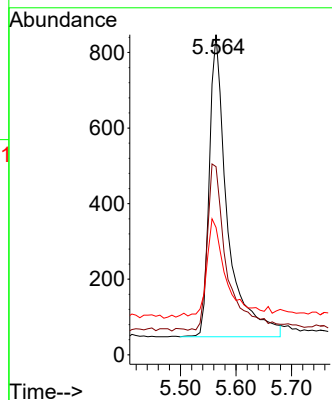
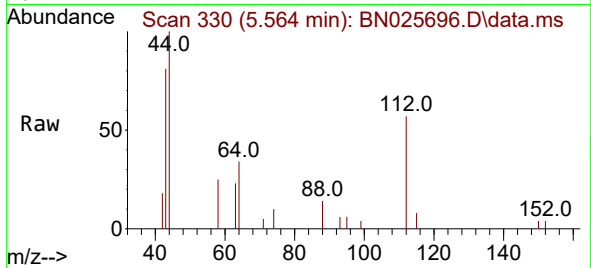




#4
2-Fluorophenol
Concen: 0.131 ng
RT: 5.564 min Scan# 311
Delta R.T. 0.007 min
Lab File: BN025696.D
Acq: 28 May 2023 23:59

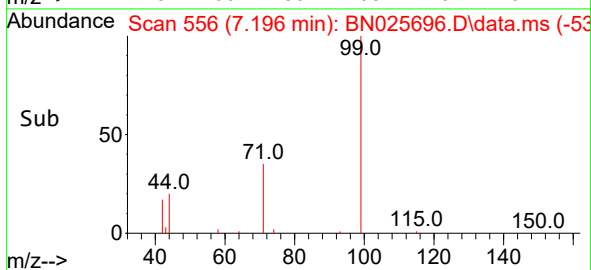
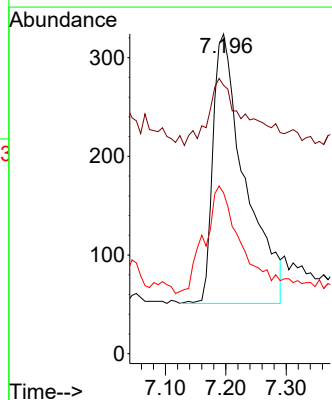
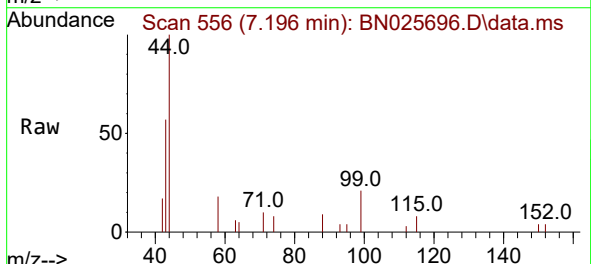
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ClientSampleId :
RE108D2-20230523

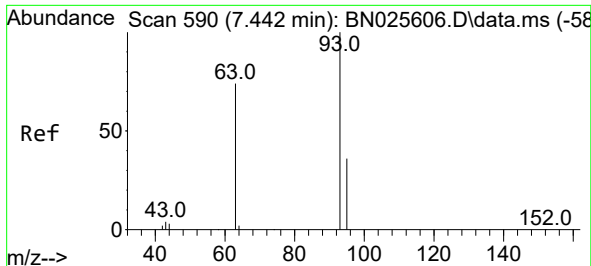
Tgt Ion:112 Resp: 1820
Ion Ratio Lower Upper
112 100
64 59.3 45.7 68.5
63 33.2 26.2 39.2



#5
Phenol-d6
Concen: 0.060 ng
RT: 7.196 min Scan# 556
Delta R.T. 0.022 min
Lab File: BN025696.D
Acq: 28 May 2023 23:59

Tgt Ion: 99 Resp: 1001
Ion Ratio Lower Upper
99 100
42 28.9 17.1 25.7#
71 45.8 29.3 43.9#

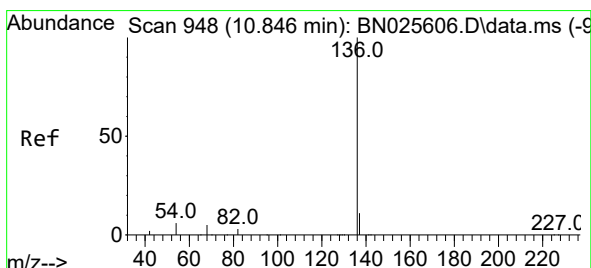
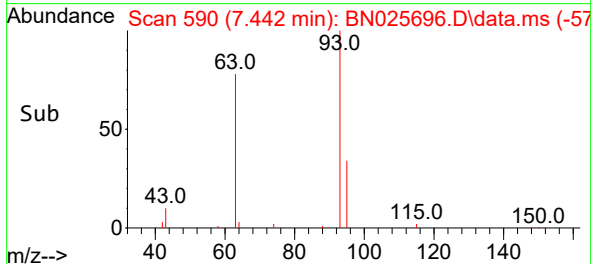
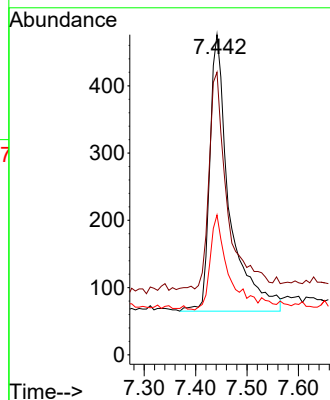
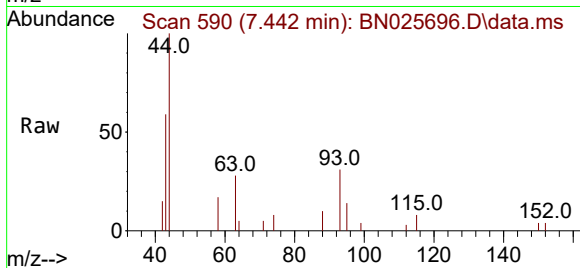




#6
bis(2-Chloroethyl)ether
Concen: 0.064 ng
RT: 7.442 min Scan# 590
Delta R.T. 0.007 min
Lab File: BN025696.D
Acq: 28 May 2023 23:59

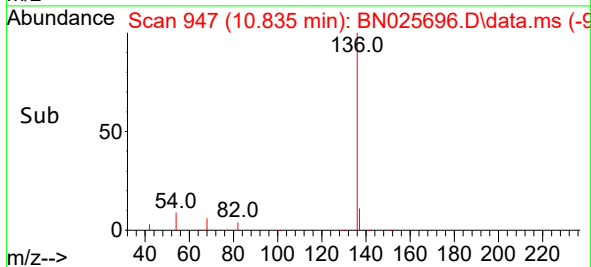
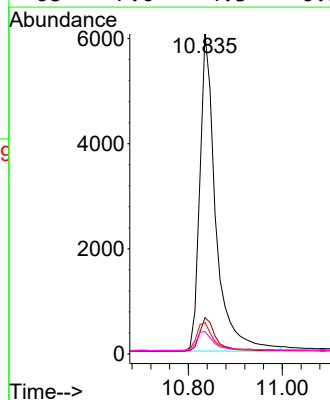
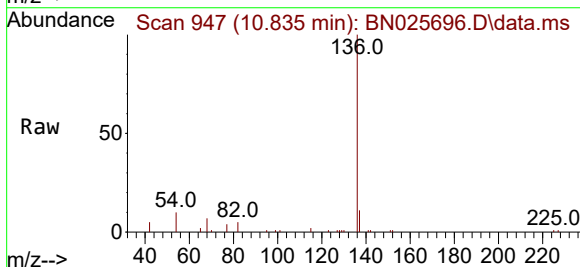
Instrument :
BNA_N
ClientSampleId :
RE108D2-20230523

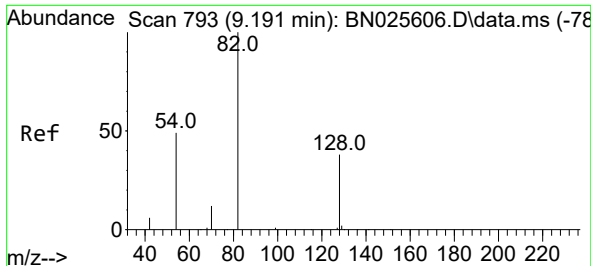
Tgt Ion: 93 Resp: 1099
Ion Ratio Lower Upper
93 100
63 73.6 49.1 73.7
95 31.3 22.6 33.8



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.835 min Scan# 947
Delta R.T. -0.000 min
Lab File: BN025696.D
Acq: 28 May 2023 23:59

Tgt Ion: 136 Resp: 14272
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 9.8 5.4 8.0#
68 7.0 4.3 6.5#

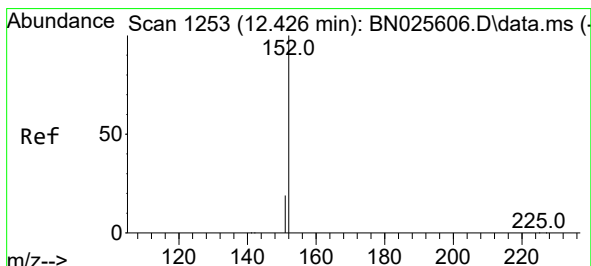
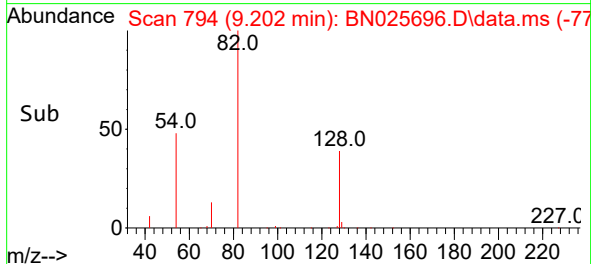
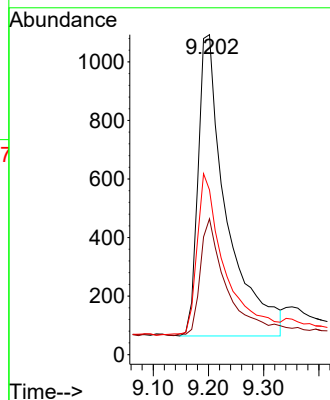
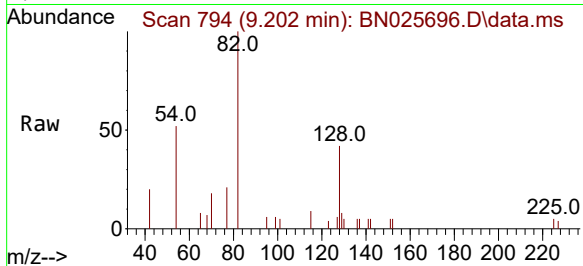




#8
 Nitrobenzene-d5
 Concen: 0.308 ng
 RT: 9.202 min Scan# 794
 Delta R.T. 0.011 min
 Lab File: BN025696.D
 Acq: 28 May 2023 23:59

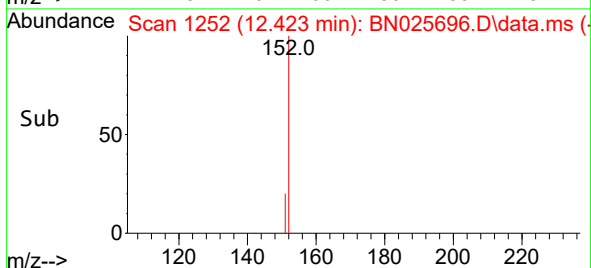
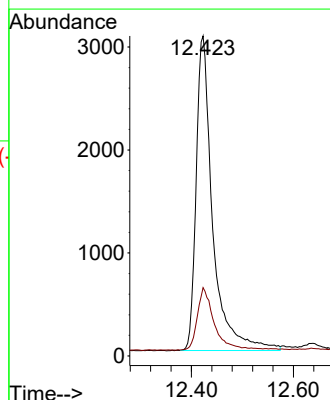
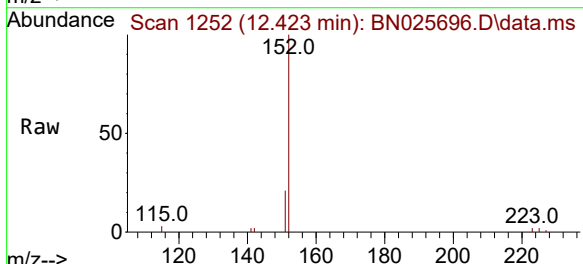
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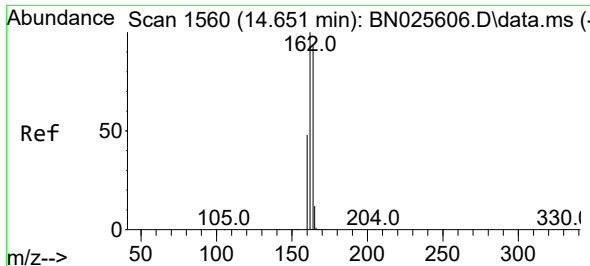
Tgt Ion: 82 Resp: 3675
 Ion Ratio Lower Upper
 82 100
 128 42.5 32.5 48.7
 54 51.5 40.6 60.8



#11
 2-Methylnaphthalene-d10
 Concen: 0.339 ng
 RT: 12.423 min Scan# 1252
 Delta R.T. -0.000 min
 Lab File: BN025696.D
 Acq: 28 May 2023 23:59

Tgt Ion: 152 Resp: 6894
 Ion Ratio Lower Upper
 152 100
 151 20.1 16.1 24.1

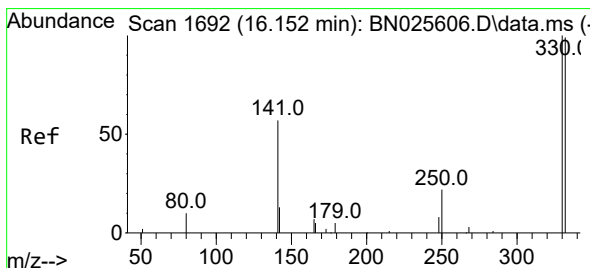
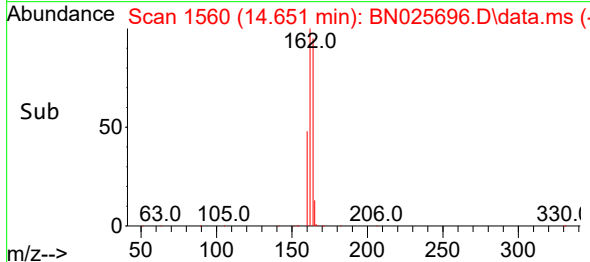
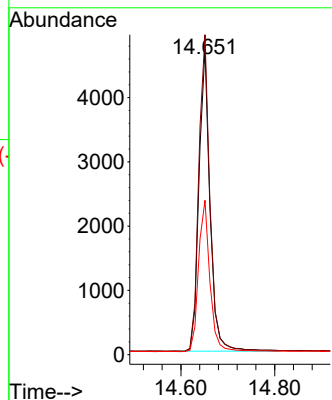
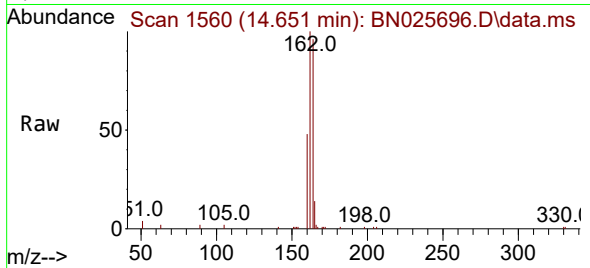




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.651 min Scan# 1560
Delta R.T. -0.000 min
Lab File: BN025696.D
Acq: 28 May 2023 23:59

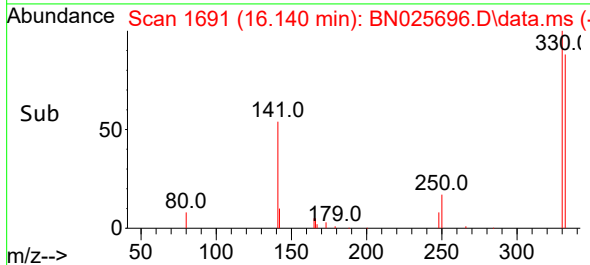
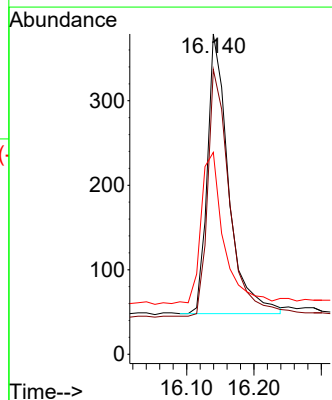
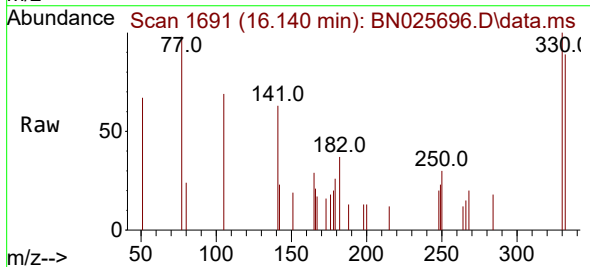
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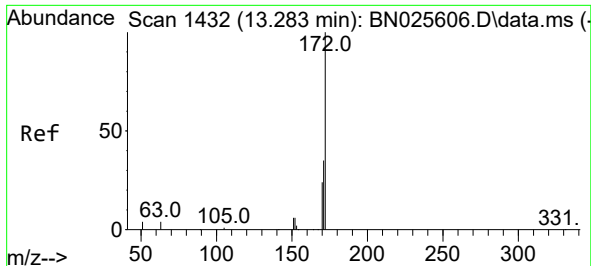
Tgt Ion:164 Resp: 7705
Ion Ratio Lower Upper
164 100
162 104.6 86.4 129.6
160 50.5 41.9 62.9



#14
2,4,6-Tribromophenol
Concen: 0.467 ng
RT: 16.140 min Scan# 1691
Delta R.T. -0.012 min
Lab File: BN025696.D
Acq: 28 May 2023 23:59

Tgt Ion:330 Resp: 728
Ion Ratio Lower Upper
330 100
332 91.6 80.0 120.0
141 57.1 45.8 68.6

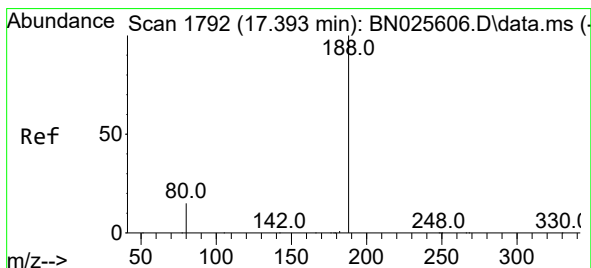
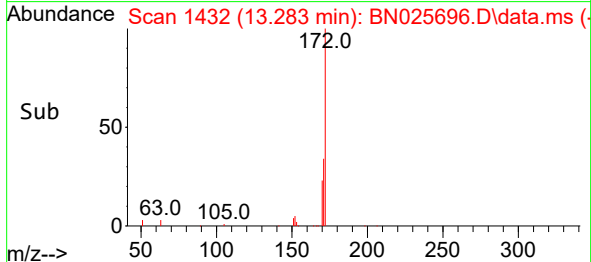
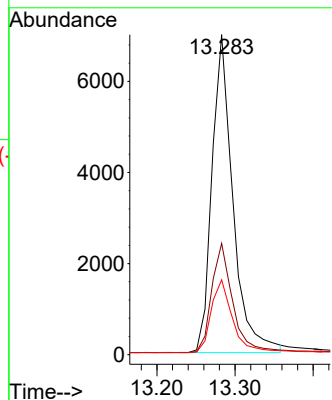
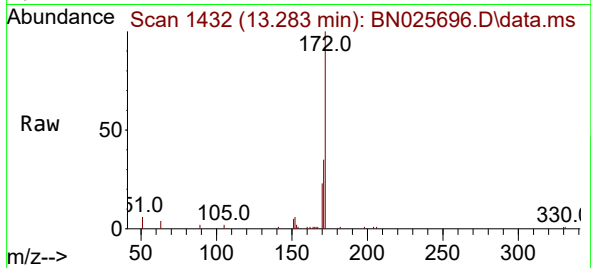




#15
2-Fluorobiphenyl
Concen: 0.409 ng
RT: 13.283 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BN025696.D
Acq: 28 May 2023 23:59

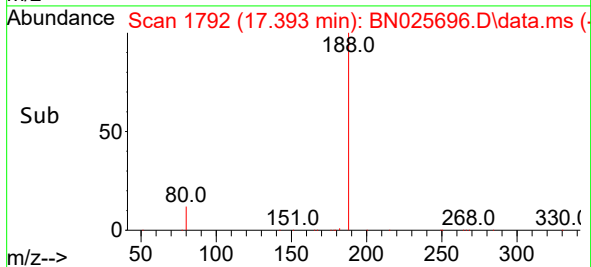
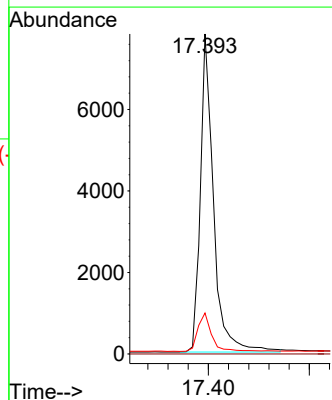
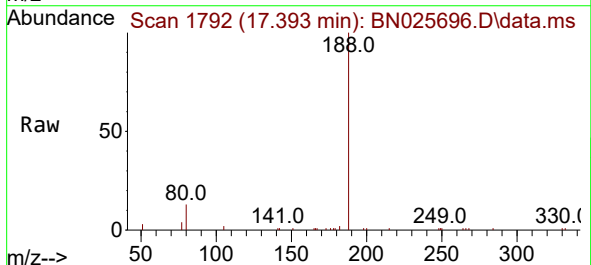
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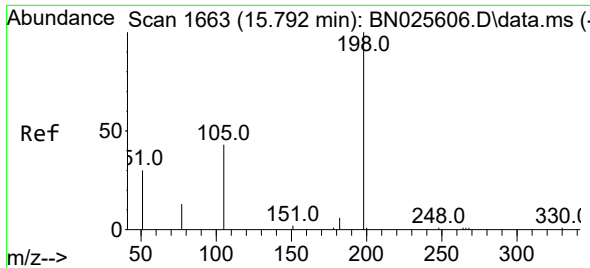
Tgt Ion:172 Resp: 12999
Ion Ratio Lower Upper
172 100
171 34.8 28.6 42.8
170 23.4 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.393 min Scan# 1792
Delta R.T. -0.000 min
Lab File: BN025696.D
Acq: 28 May 2023 23:59

Tgt Ion:188 Resp: 14179
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.8 12.2 18.2

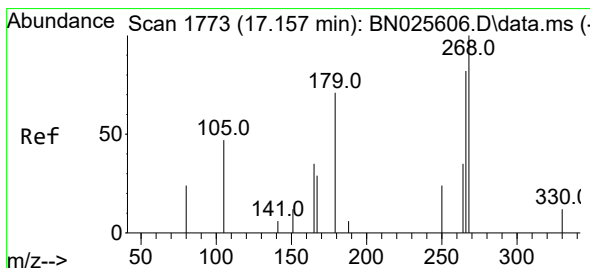
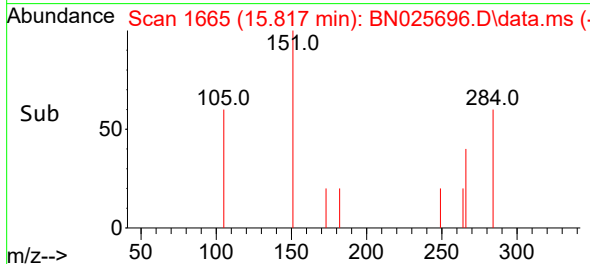
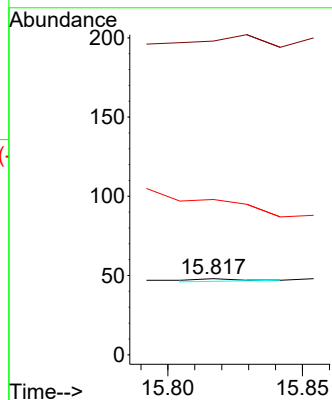
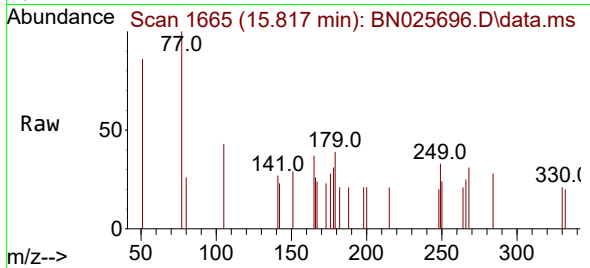




#20
4,6-Dinitro-2-methylphenol
Concen: 0.114 ng
RT: 15.817 min Scan# 1769
Delta R.T. 0.025 min
Lab File: BN025696.D
Acq: 28 May 2023 23:59

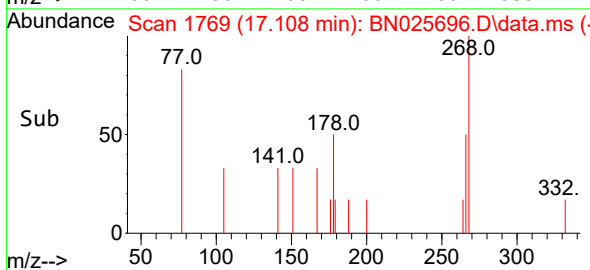
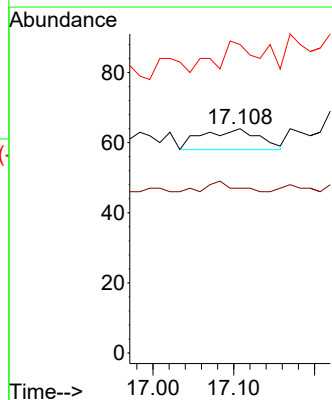
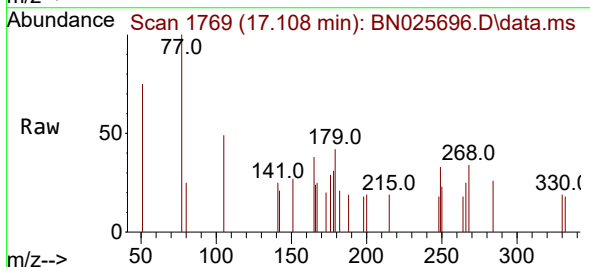
Instrument :
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RE108D2-20230523

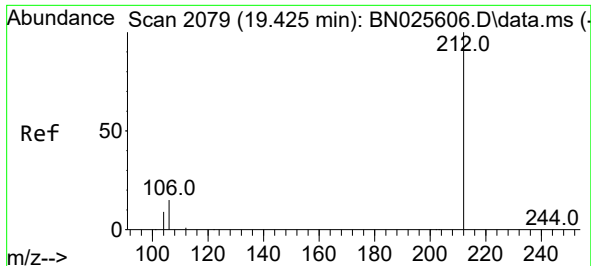
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
51 412.5 110.8 166.2#
105 204.2 61.9 92.9#



#24
Pentachlorophenol
Concen: 0.398 ng
RT: 17.108 min Scan# 1769
Delta R.T. 0.037 min
Lab File: BN025696.D
Acq: 28 May 2023 23:59

Tgt Ion:266 Resp: 29
Ion Ratio Lower Upper
266 100
264 0.0 60.0 90.0#
268 89.7 0.0 0.0#

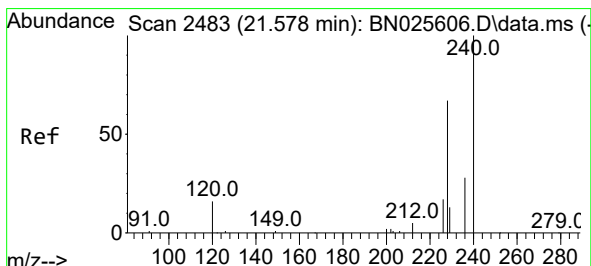
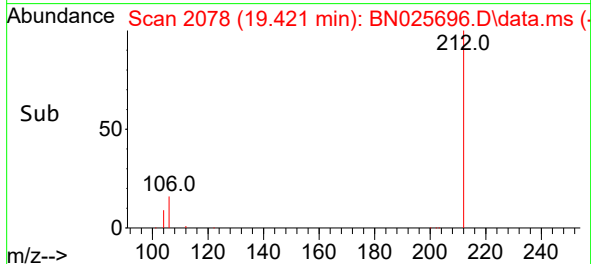
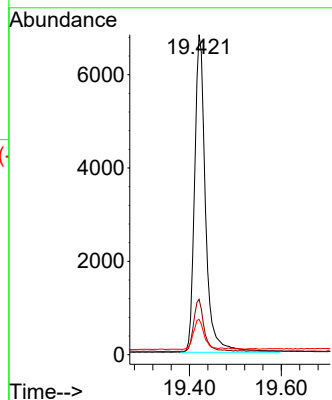
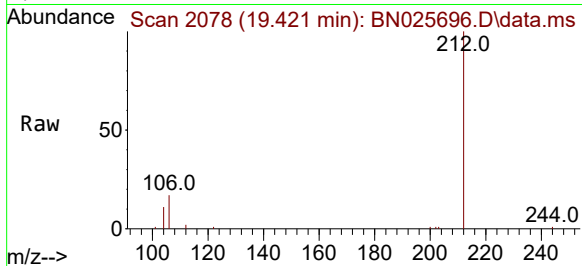




#27
Fluoranthene-d10
Concen: 0.351 ng
RT: 19.421 min Scan# 2078
Delta R.T. -0.000 min
Lab File: BN025696.D
Acq: 28 May 2023 23:59

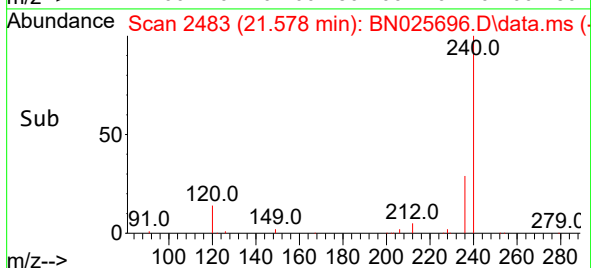
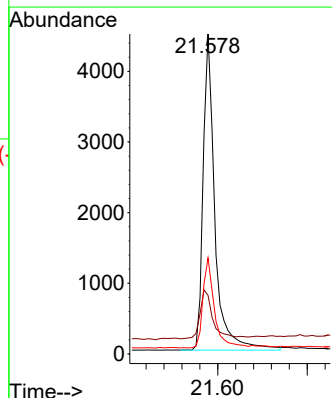
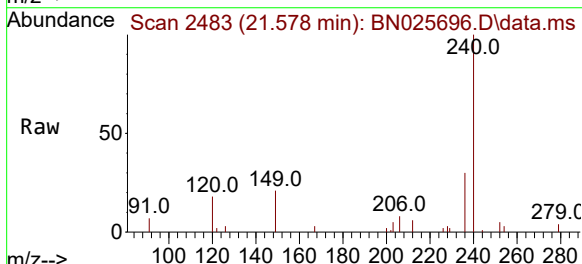
Instrument :
BNA_N
ClientSampleId :
RE108D2-20230523

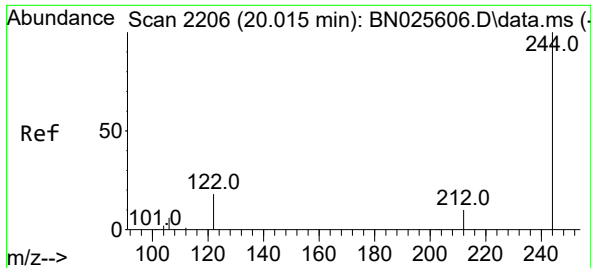
Tgt Ion:212 Resp: 11260
Ion Ratio Lower Upper
212 100
106 15.8 12.3 18.5
104 9.2 7.2 10.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.578 min Scan# 2483
Delta R.T. -0.000 min
Lab File: BN025696.D
Acq: 28 May 2023 23:59

Tgt Ion:240 Resp: 8178
Ion Ratio Lower Upper
240 100
120 18.3 15.4 23.0
236 30.0 23.2 34.8

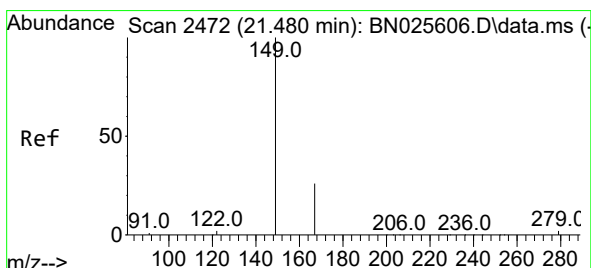
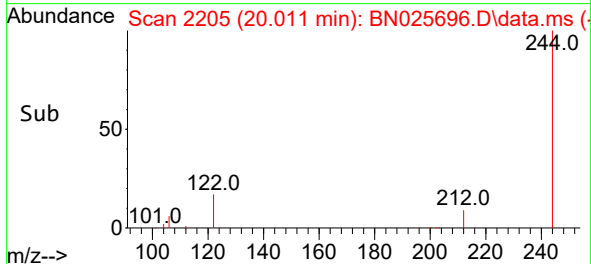
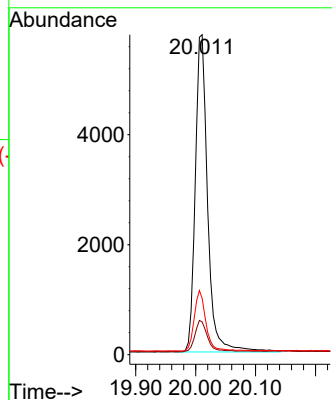
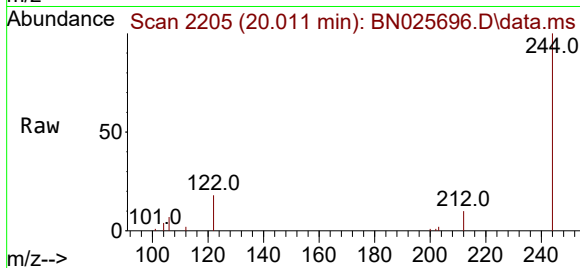




#31
Terphenyl-d14
Concen: 0.462 ng
RT: 20.011 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN025696.D
Acq: 28 May 2023 23:59

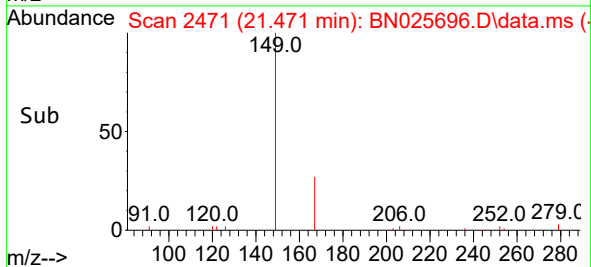
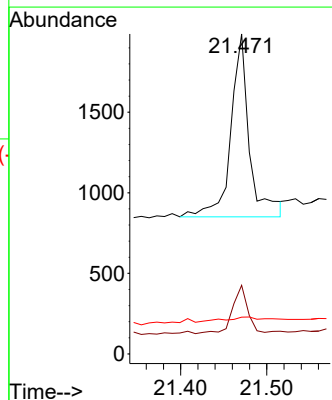
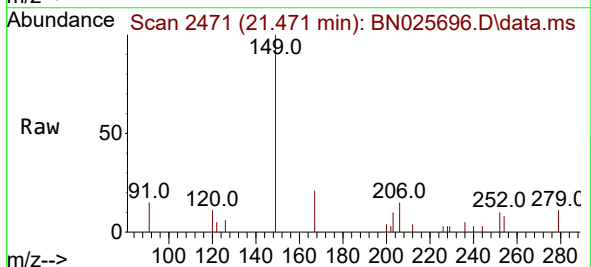
Instrument :
BNA_N
ClientSampleId :
RE108D2-20230523

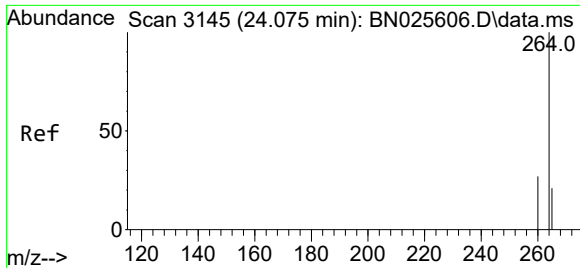
Tgt Ion:244 Resp: 8274
Ion Ratio Lower Upper
244 100
212 10.3 8.5 12.7
122 17.6 14.9 22.3



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.091 ng
RT: 21.471 min Scan# 2471
Delta R.T. -0.000 min
Lab File: BN025696.D
Acq: 28 May 2023 23:59

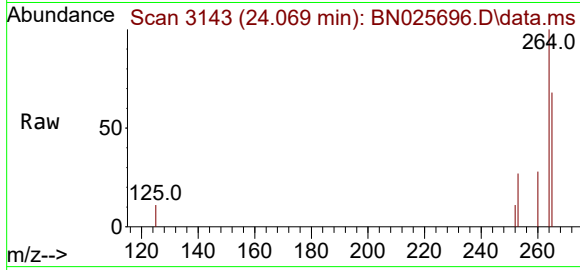
Tgt Ion:149 Resp: 1694
Ion Ratio Lower Upper
149 100
167 21.8 20.4 30.6
279 7.6 3.3 4.9#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.069 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BN025696.D
 Acq: 28 May 2023 23:59

Instrument :
 BNA_N
 ClientSampleId :
 RE108D2-20230523



Tgt Ion:264 Resp: 8503

Ion	Ratio	Lower	Upper
264	100		
260	27.7	22.3	33.5
265	68.4	54.3	81.5

