

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
 Data File : BN025638.D
 Acq On : 27 May 2023 09:52
 Operator : CG/JU
 Sample : 02880-10
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE105D2-20230518

Quant Time: May 29 00:31:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 27 03:51:06 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

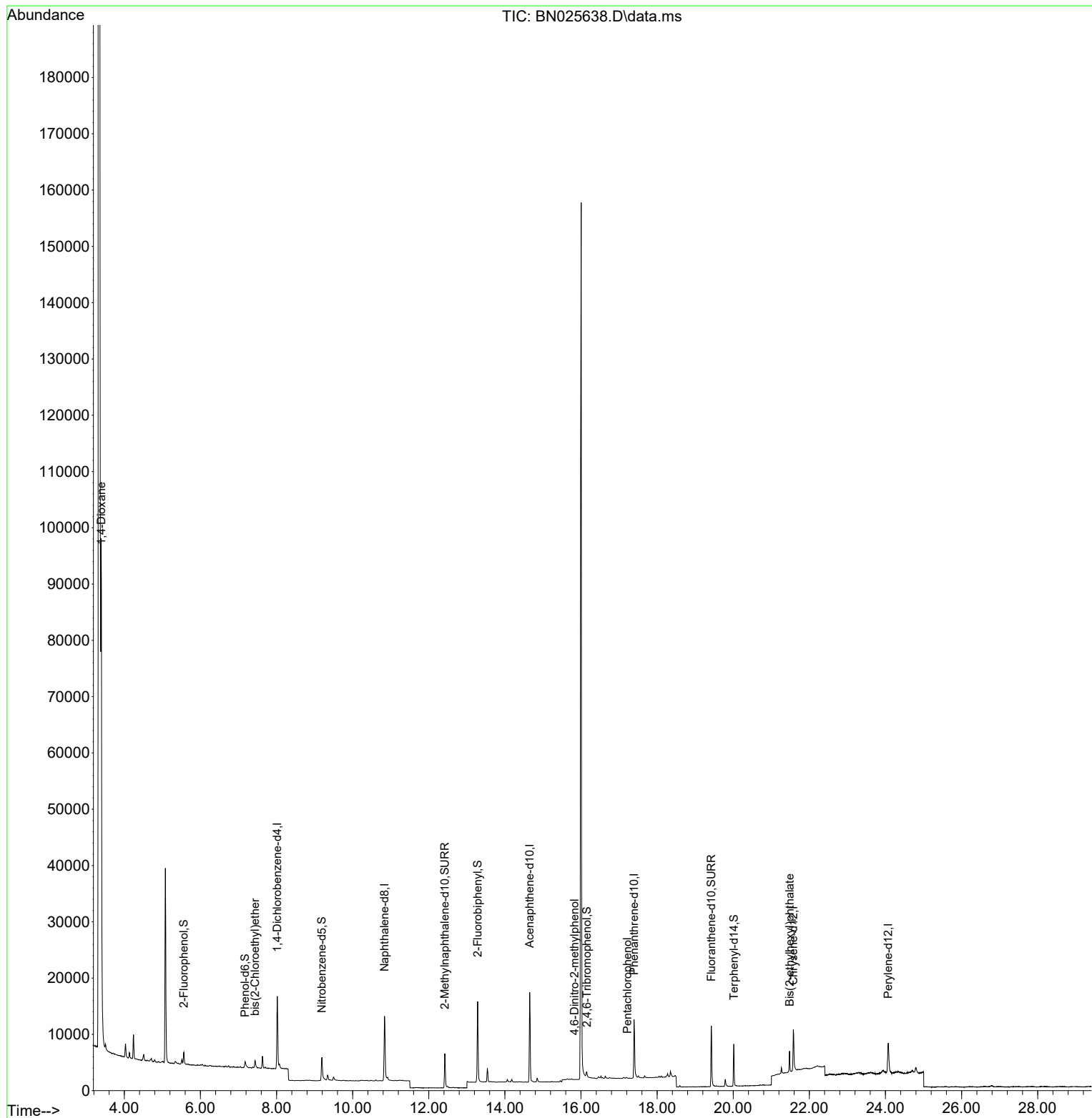
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.019	152	6657	0.400	ng	0.00
7) Naphthalene-d8	10.835	136	17639	0.400	ng	#-0.01
13) Acenaphthene-d10	14.651	164	9155	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	16193	0.400	ng	0.00
29) Chrysene-d12	21.578	240	8772	0.400	ng	0.00
35) Perylene-d12	24.072	264	9253	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.564	112	2011	0.118	ng	0.00
5) Phenol-d6	7.174	99	1268	0.062	ng	0.00
8) Nitrobenzene-d5	9.191	82	4504	0.305	ng	0.00
11) 2-Methylnaphthalene-d10	12.423	152	9161	0.364	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	623	0.337	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	12926	0.342	ng	0.00
27) Fluoranthene-d10	19.425	212	13088	0.357	ng	0.00
31) Terphenyl-d14	20.015	244	7594	0.395	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.397	88	37058	4.807	ng	98
6) bis(2-Chloroethyl)ether	7.434	93	1044	0.050	ng	# 82
20) 4,6-Dinitro-2-methylph...	15.829	198	1	0.114	ng	# 1
24) Pentachlorophenol	17.219	266	53	0.418	ng	# 21
34) Bis(2-ethylhexyl)phtha...	21.480	149	3677	0.185	ng	97

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

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Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
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RE105D2-20230518

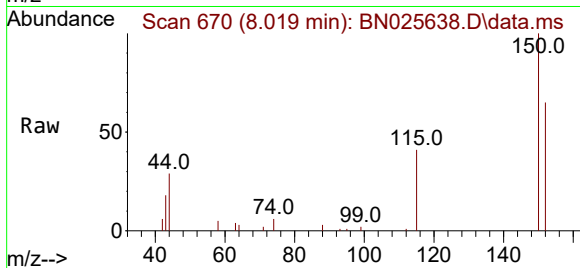
Quant Time: May 29 00:31:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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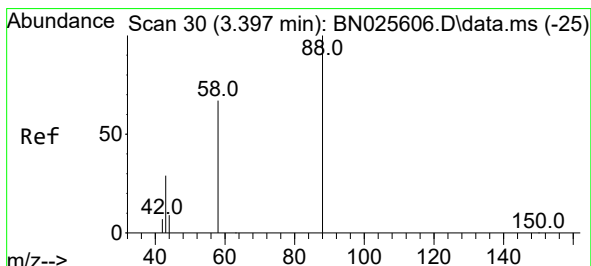
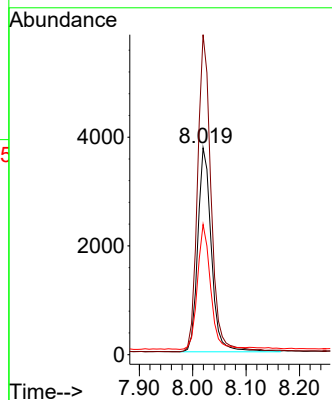
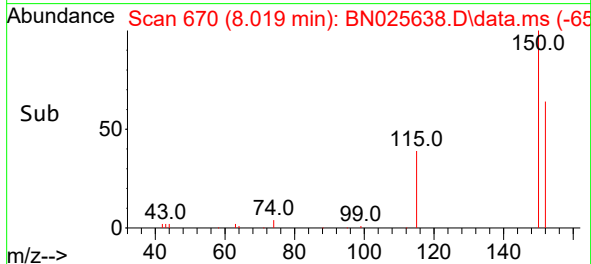


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.019 min Scan# 61
Delta R.T. -0.008 min
Lab File: BN025638.D
Acq: 27 May 2023 09:52

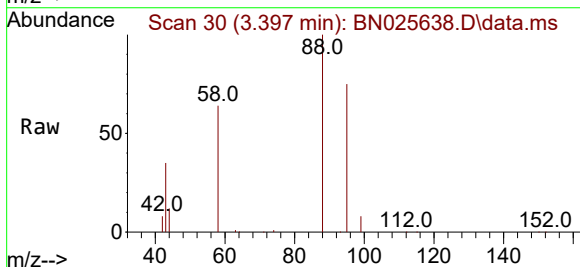
Instrument :
BNA_N
ClientSampleId :
RE105D2-20230518



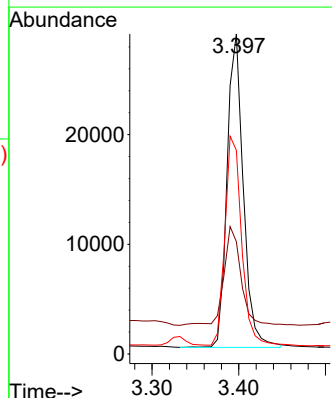
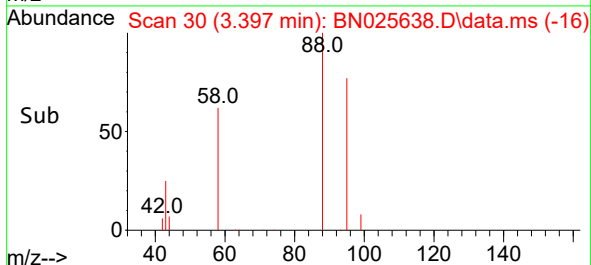
Tgt Ion:152 Resp: 6657
Ion Ratio Lower Upper
152 100
150 154.6 121.0 181.6
115 63.0 48.5 72.7



#2
1,4-Dioxane
Concen: 4.807 ng
RT: 3.397 min Scan# 30
Delta R.T. 0.000 min
Lab File: BN025638.D
Acq: 27 May 2023 09:52



Tgt Ion: 88 Resp: 37058
Ion Ratio Lower Upper
88 100
43 32.8 26.5 39.7
58 68.2 56.8 85.2

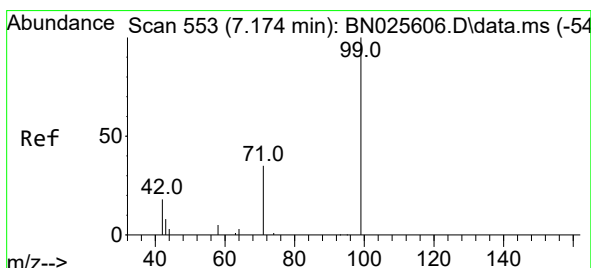
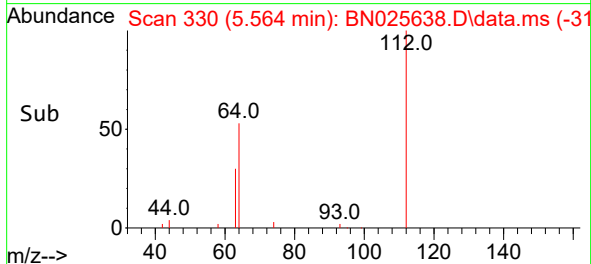
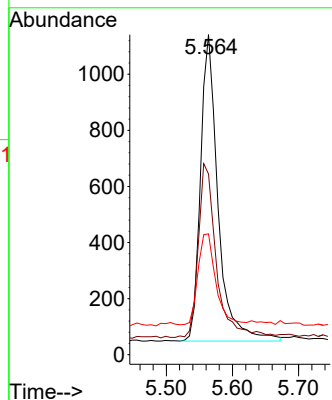
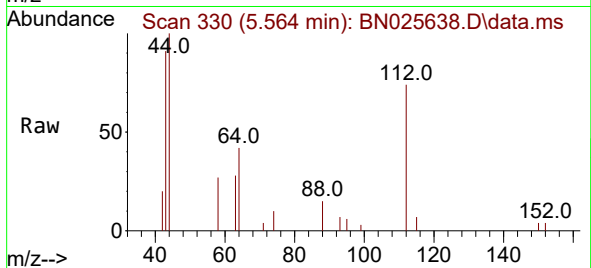




#4
2-Fluorophenol
Concen: 0.118 ng
RT: 5.564 min Scan# 311
Delta R.T. 0.000 min
Lab File: BN025638.D
Acq: 27 May 2023 09:52

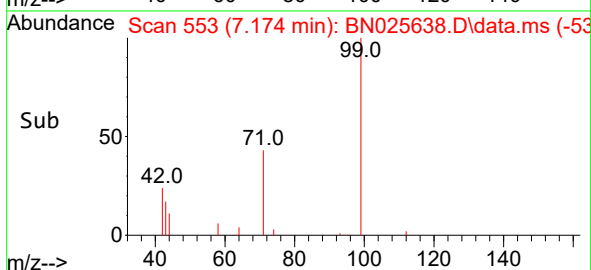
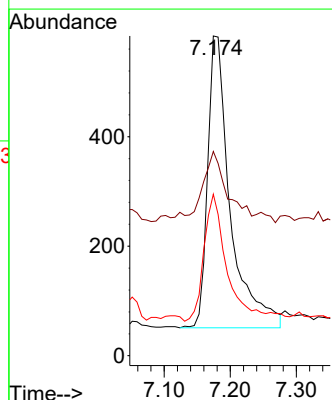
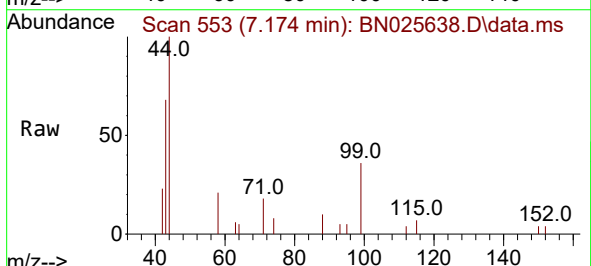
Instrument :
BNA_N
ClientSampleId :
RE105D2-20230518

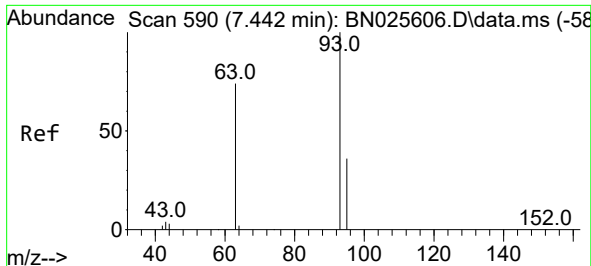
Tgt Ion:	112	Resp:	2011
Ion	Ratio	Lower	Upper
112	100		
64	58.4	45.7	68.5
63	30.3	26.2	39.2



#5
Phenol-d6
Concen: 0.062 ng
RT: 7.174 min Scan# 553
Delta R.T. 0.000 min
Lab File: BN025638.D
Acq: 27 May 2023 09:52

Tgt Ion:	99	Resp:	1268
Ion	Ratio	Lower	Upper
99	100		
42	23.1	17.1	25.7
71	45.6	29.3	43.9

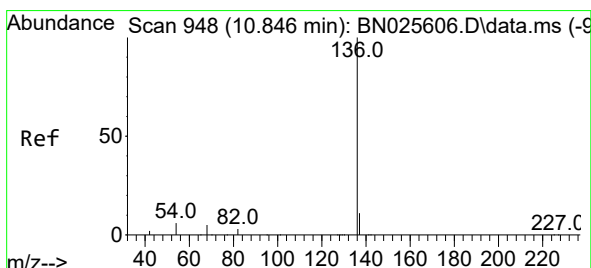
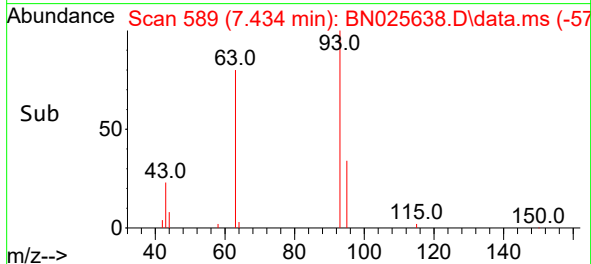
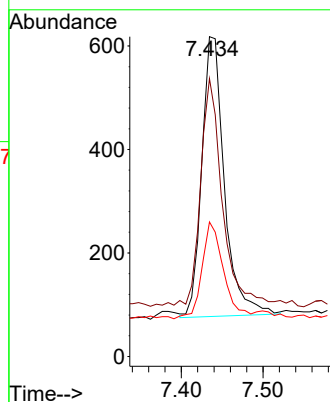
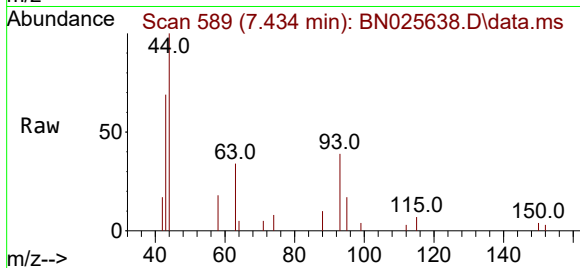




#6
bis(2-Chloroethyl)ether
Concen: 0.050 ng
RT: 7.434 min Scan# 590
Delta R.T. -0.008 min
Lab File: BN025638.D
Acq: 27 May 2023 09:52

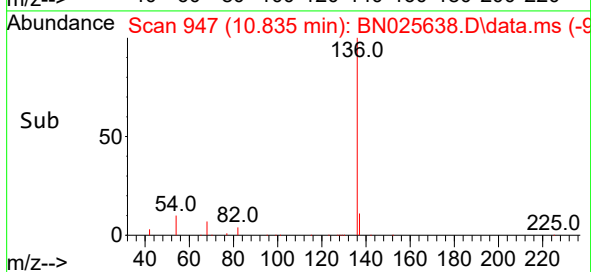
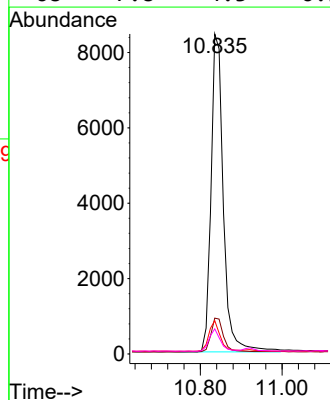
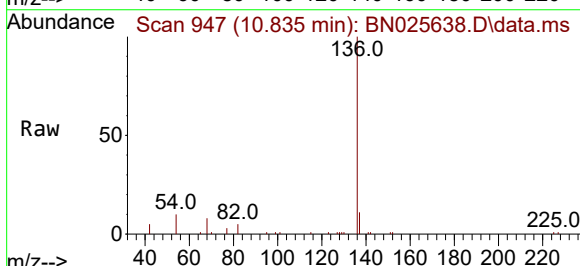
Instrument :
BNA_N
ClientSampleId :
RE105D2-20230518

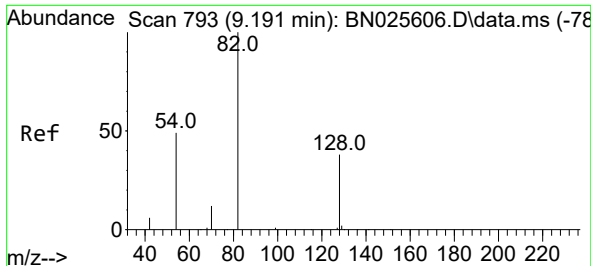
Tgt Ion: 93 Resp: 1044
Ion Ratio Lower Upper
93 100
63 78.8 49.1 73.7#
95 32.8 22.6 33.8



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.835 min Scan# 947
Delta R.T. -0.011 min
Lab File: BN025638.D
Acq: 27 May 2023 09:52

Tgt Ion: 136 Resp: 17639
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 10.4 5.4 8.0#
68 7.8 4.3 6.5#

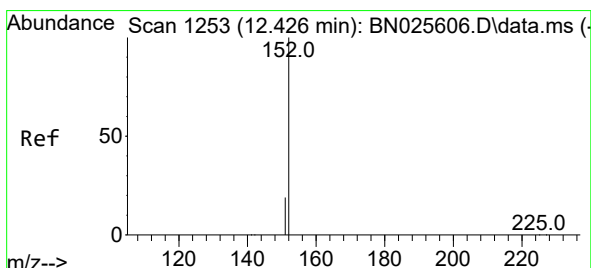
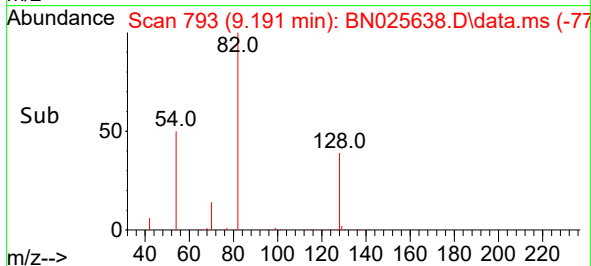
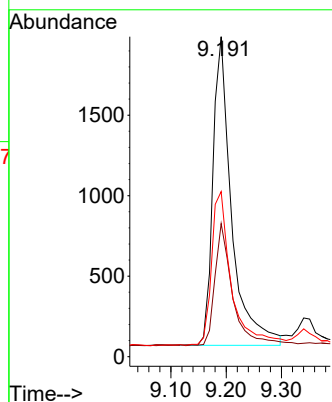
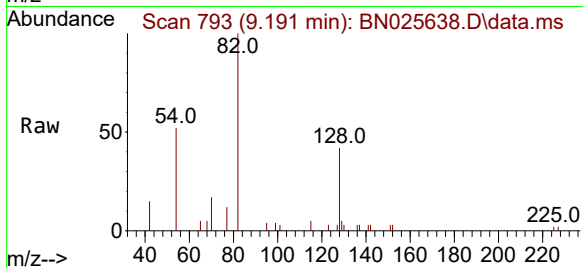




#8
Nitrobenzene-d5
Concen: 0.305 ng
RT: 9.191 min Scan# 793
Delta R.T. 0.000 min
Lab File: BN025638.D
Acq: 27 May 2023 09:52

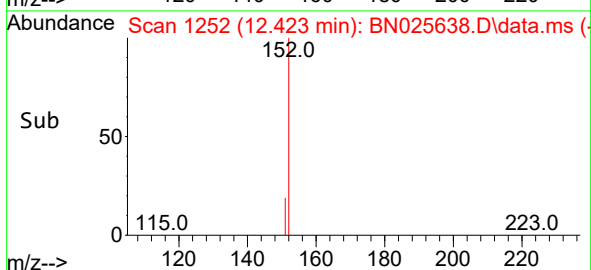
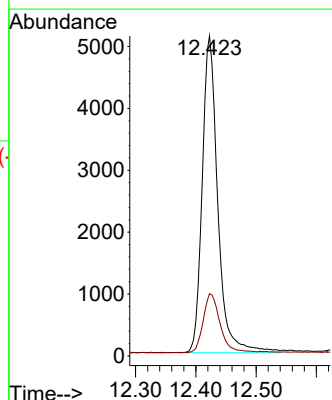
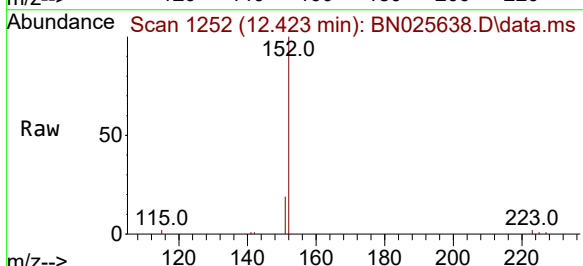
Instrument :
BNA_N
ClientSampleId :
RE105D2-20230518

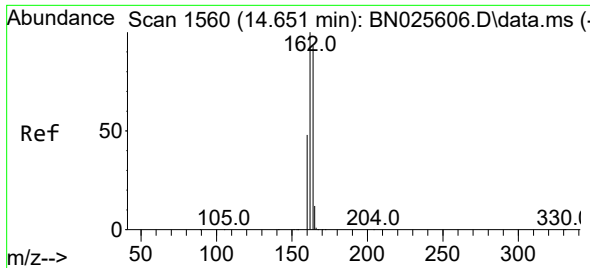
Tgt Ion: 82	Resp: 4504
Ion Ratio	Lower Upper
82	100
128	41.6 32.5 48.7
54	51.6 40.6 60.8



#11
2-Methylnaphthalene-d10
Concen: 0.364 ng
RT: 12.423 min Scan# 1252
Delta R.T. -0.004 min
Lab File: BN025638.D
Acq: 27 May 2023 09:52

Tgt Ion: 152	Resp: 9161
Ion Ratio	Lower Upper
152	100
151	20.2 16.1 24.1

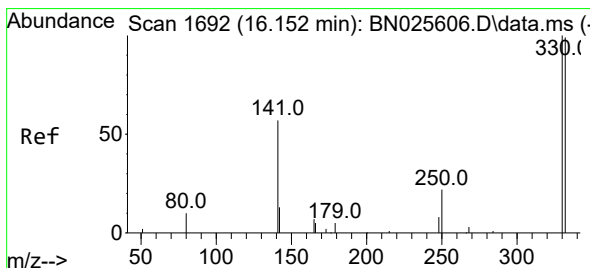
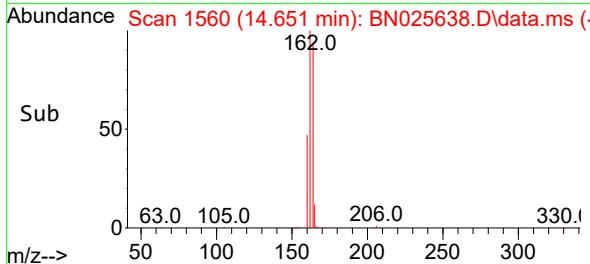
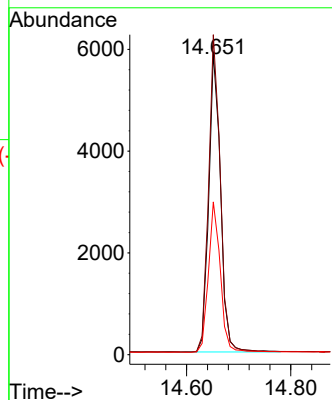
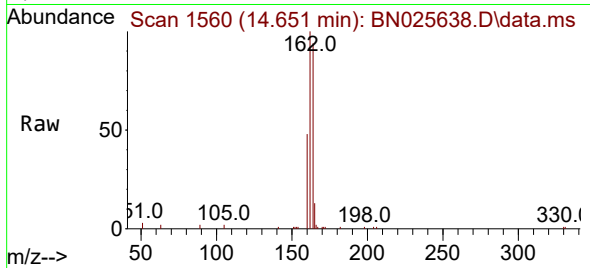




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.651 min Scan# 1560
Delta R.T. 0.000 min
Lab File: BN025638.D
Acq: 27 May 2023 09:52

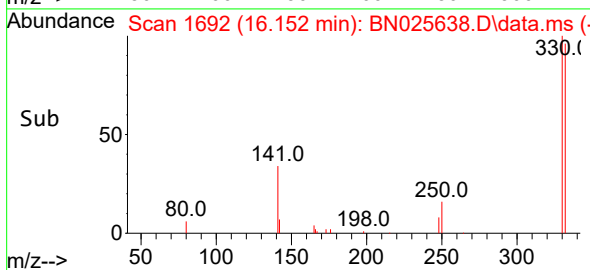
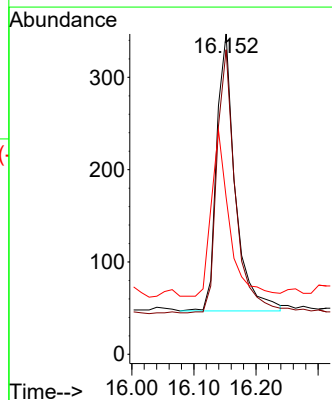
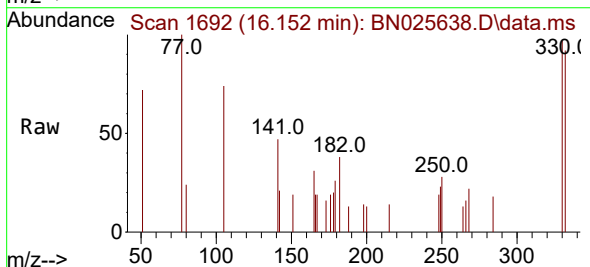
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ClientSampleId :
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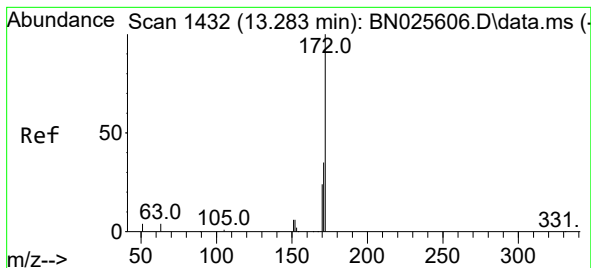
Tgt Ion:164 Resp: 9155
Ion Ratio Lower Upper
164 100
162 106.1 86.4 129.6
160 50.7 41.9 62.9



#14
2,4,6-Tribromophenol
Concen: 0.337 ng
RT: 16.152 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN025638.D
Acq: 27 May 2023 09:52

Tgt Ion:330 Resp: 623
Ion Ratio Lower Upper
330 100
332 94.1 80.0 120.0
141 58.1 45.8 68.6

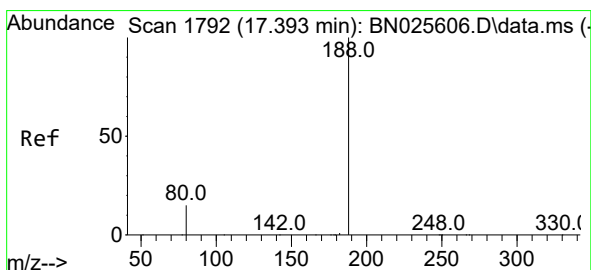
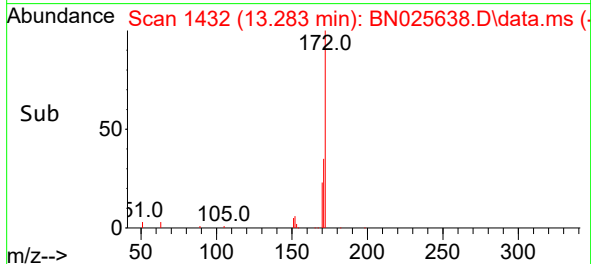
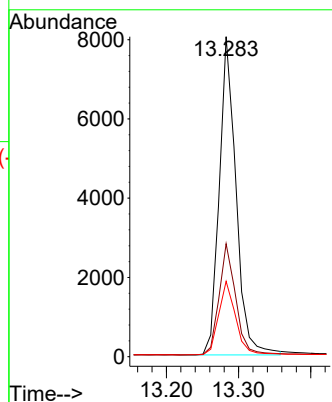
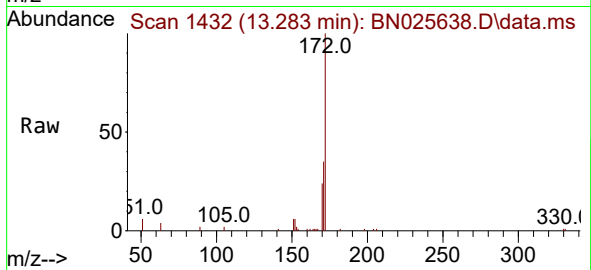




#15
2-Fluorobiphenyl
Concen: 0.342 ng
RT: 13.283 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BN025638.D
Acq: 27 May 2023 09:52

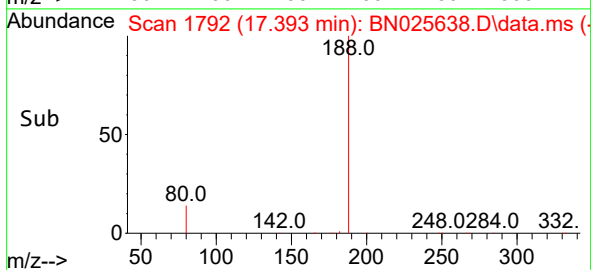
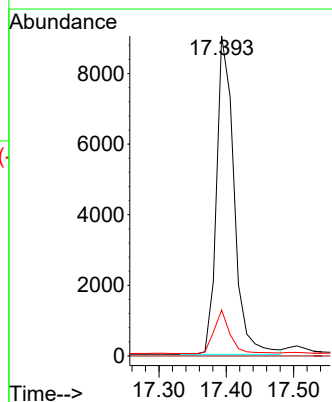
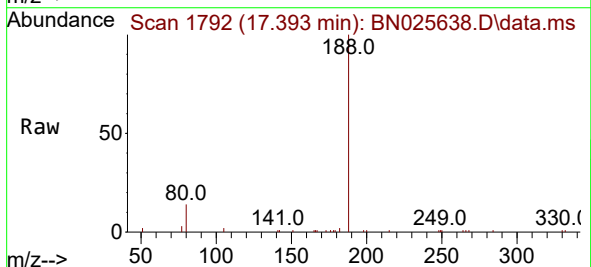
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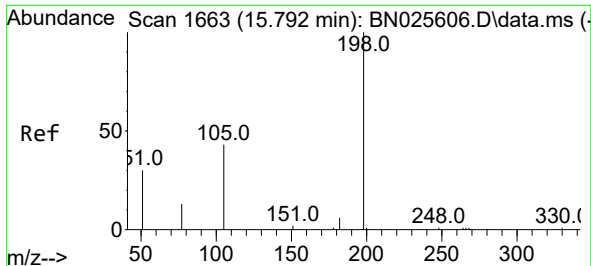
Tgt Ion:172 Resp: 12926
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 23.5 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.393 min Scan# 1792
Delta R.T. 0.000 min
Lab File: BN025638.D
Acq: 27 May 2023 09:52

Tgt Ion:188 Resp: 16193
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.4 12.2 18.2

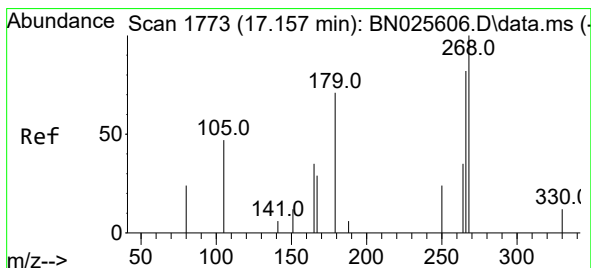
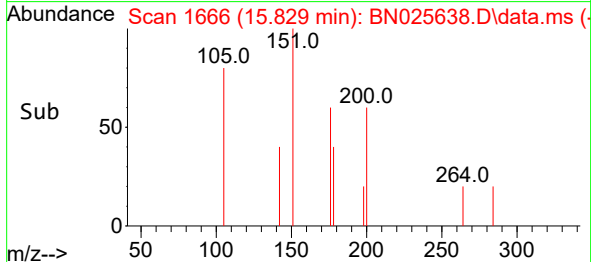
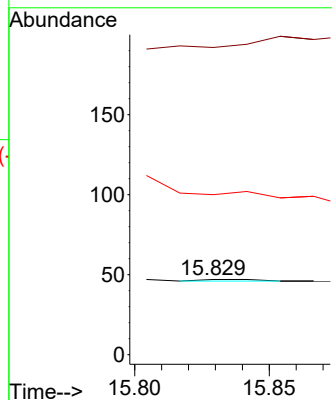
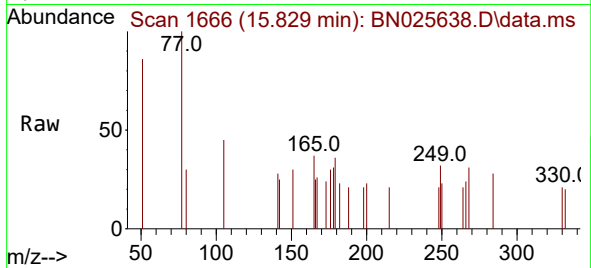




#20
4,6-Dinitro-2-methylphenol
Concen: 0.114 ng
RT: 15.829 min Scan# 1666
Delta R.T. 0.037 min
Lab File: BN025638.D
Acq: 27 May 2023 09:52

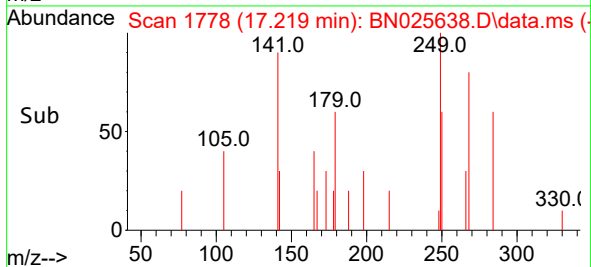
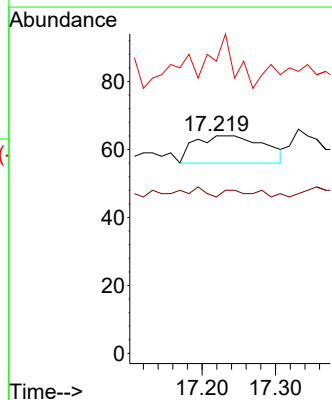
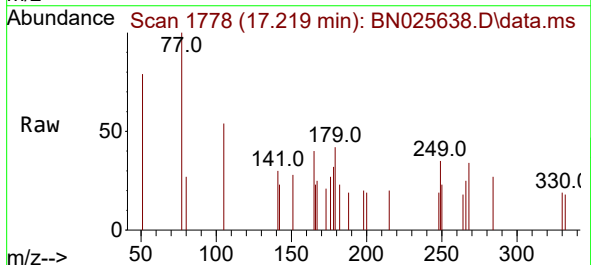
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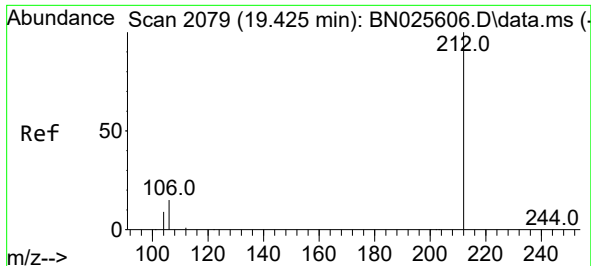
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 408.5 110.8 166.2#
105 212.8 61.9 92.9#



#24
Pentachlorophenol
Concen: 0.418 ng
RT: 17.219 min Scan# 1778
Delta R.T. 0.062 min
Lab File: BN025638.D
Acq: 27 May 2023 09:52

Tgt Ion:266 Resp: 53
Ion Ratio Lower Upper
266 100
264 7.5 60.0 90.0#
268 64.2 0.0 0.0#

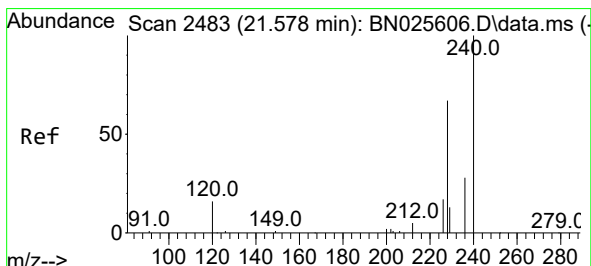
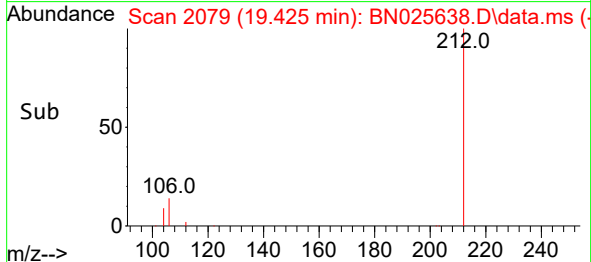
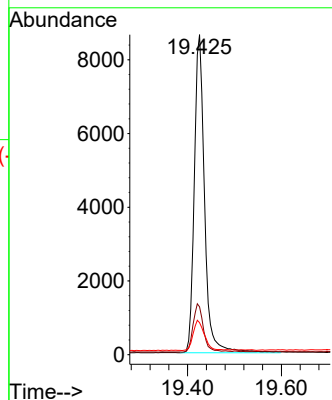
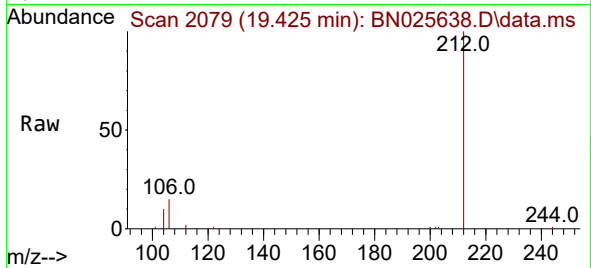




#27
Fluoranthene-d10
Concen: 0.357 ng
RT: 19.425 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BN025638.D
Acq: 27 May 2023 09:52

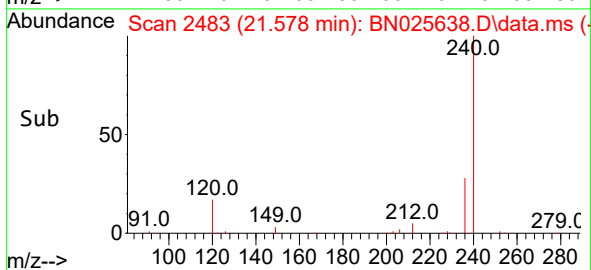
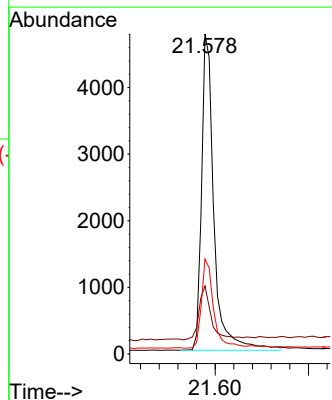
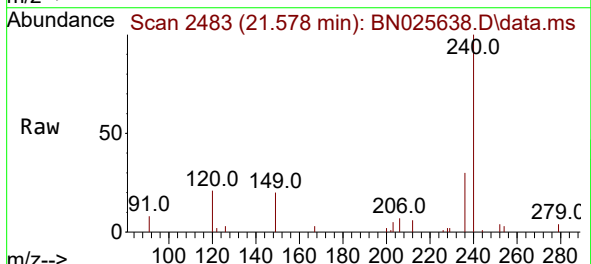
Instrument :
BNA_N
ClientSampleId :
RE105D2-20230518

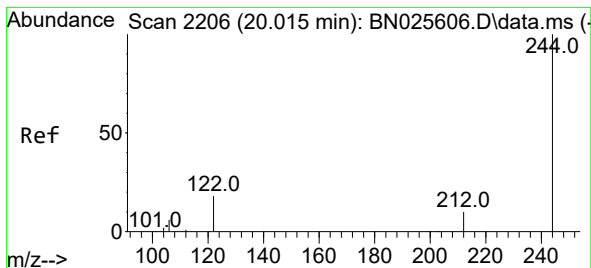
Tgt Ion:212 Resp: 13088
Ion Ratio Lower Upper
212 100
106 15.3 12.3 18.5
104 10.3 7.2 10.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.578 min Scan# 2483
Delta R.T. 0.000 min
Lab File: BN025638.D
Acq: 27 May 2023 09:52

Tgt Ion:240 Resp: 8772
Ion Ratio Lower Upper
240 100
120 21.3 15.4 23.0
236 29.7 23.2 34.8





#31

Terphenyl-d14

Concen: 0.395 ng

RT: 20.015 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN025638.D

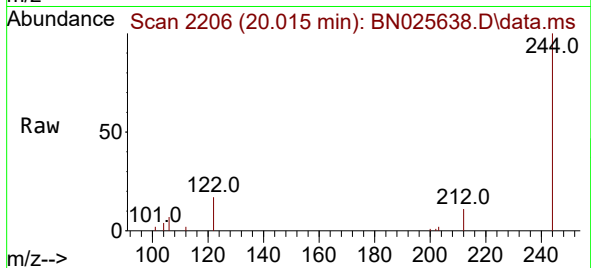
Acq: 27 May 2023 09:52

Instrument :

BNA_N

ClientSampleId :

RE105D2-20230518



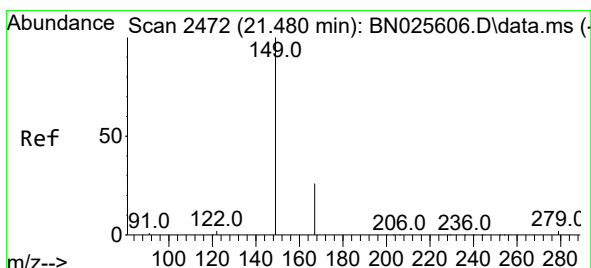
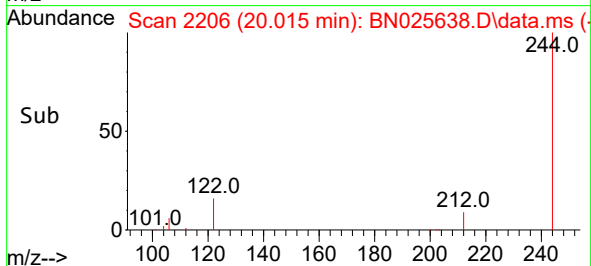
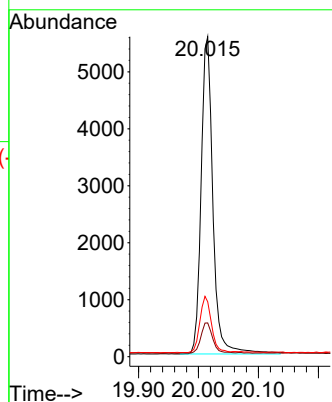
Tgt Ion:244 Resp: 7594

Ion Ratio Lower Upper

244 100

212 10.5 8.5 12.7

122 17.1 14.9 22.3



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.185 ng

RT: 21.480 min Scan# 2472

Delta R.T. 0.000 min

Lab File: BN025638.D

Acq: 27 May 2023 09:52

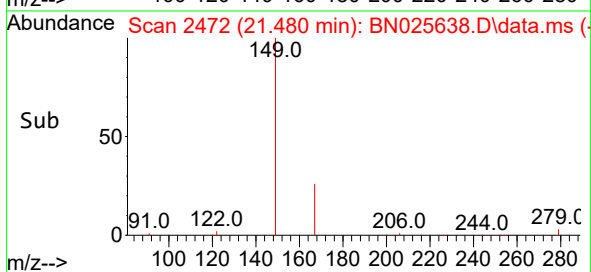
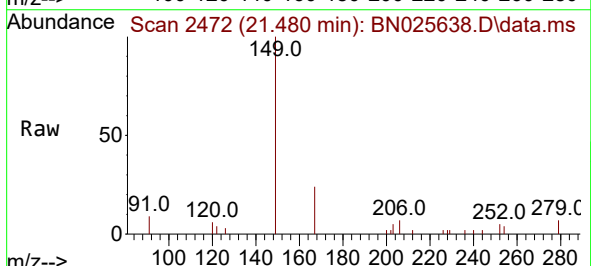
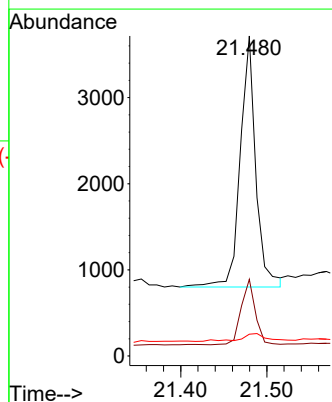
Tgt Ion:149 Resp: 3677

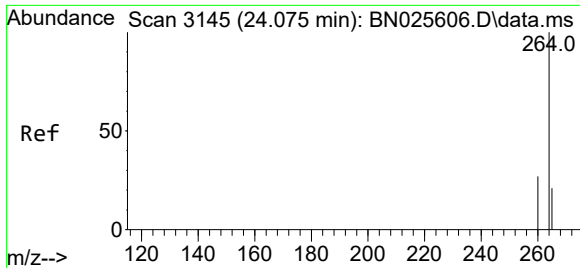
Ion Ratio Lower Upper

149 100

167 23.8 20.4 30.6

279 3.8 3.3 4.9





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.072 min Scan# 31

Delta R.T. -0.003 min

Lab File: BN025638.D

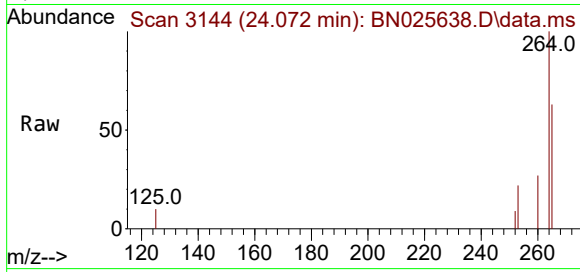
Acq: 27 May 2023 09:52

Instrument :

BNA_N

ClientSampleId :

RE105D2-20230518



Tgt Ion:264 Resp: 9253

Ion Ratio Lower Upper

264 100

260 27.4 22.3 33.5

265 62.9 54.3 81.5

