

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032323\
 Data File : BN024530.D
 Acq On : 24 Mar 2023 04:41
 Operator : CG/JU
 Sample : 01941-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT180D2-20230313

Quant Time: Mar 24 05:37:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 24 03:05:57 2023
 Response via : Initial Calibration

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

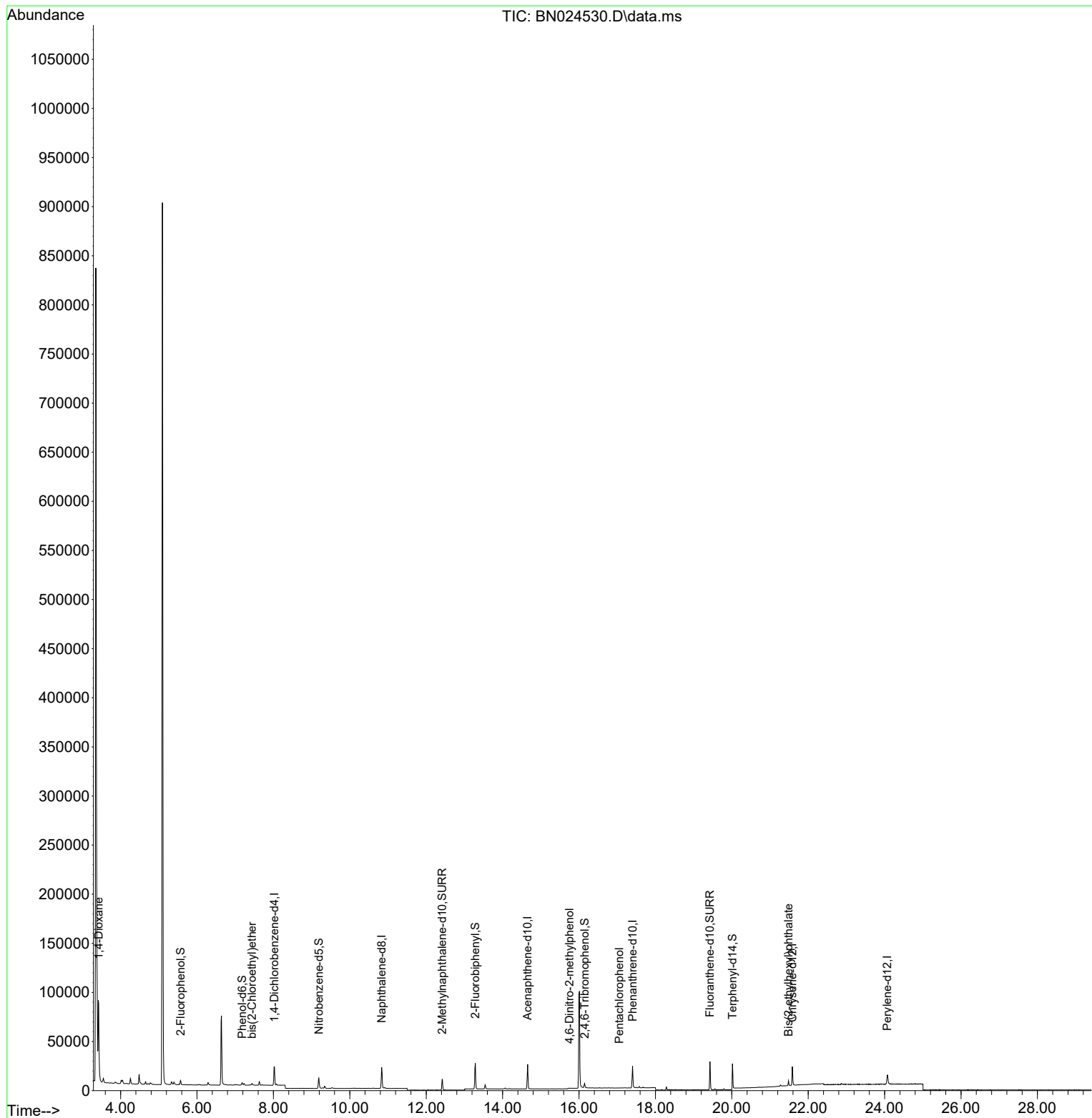
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.025	152	9681	0.400	ng	0.00
7) Naphthalene-d8	10.834	136	27729	0.400	ng	# 0.00
13) Acenaphthene-d10	14.654	164	13660	0.400	ng	0.00
19) Phenanthrene-d10	17.400	188	28805	0.400	ng	0.00
29) Chrysene-d12	21.583	240	18052	0.400	ng	# 0.00
35) Perylene-d12	24.070	264	14870	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.570	112	3569	0.166	ng	0.00
5) Phenol-d6	7.180	99	2350	0.085	ng	0.00
8) Nitrobenzene-d5	9.190	82	8681	0.469	ng	0.00
11) 2-Methylnaphthalene-d10	12.418	152	14971	0.439	ng	0.00
14) 2,4,6-Tribromophenol	16.147	330	2687	0.385	ng	0.00
15) 2-Fluorobiphenyl	13.285	172	23453	0.455	ng	0.00
27) Fluoranthene-d10	19.429	212	30951	0.507	ng	0.00
31) Terphenyl-d14	20.016	244	18199	0.598	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.425	88	48936	4.646	ng	99
6) bis(2-Chloroethyl)ether	7.440	93	1157	0.042	ng	97
20) 4,6-Dinitro-2-methylph...	15.749	198	10	0.180	ng	# 1
24) Pentachlorophenol	17.053	266	49	0.132	ng	# 74
34) Bis(2-ethylhexyl)phtha...	21.484	149	4777	0.168	ng	98

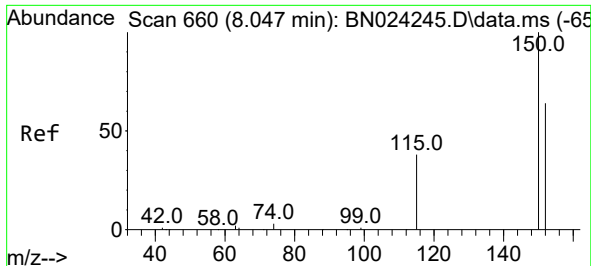
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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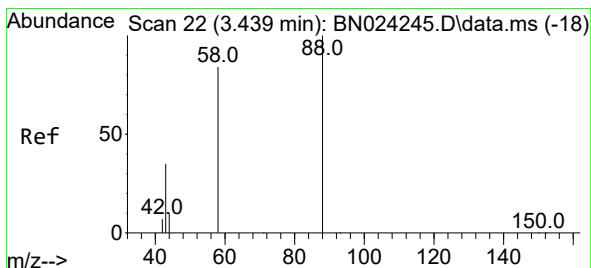
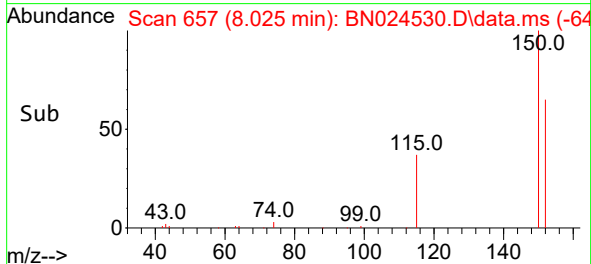
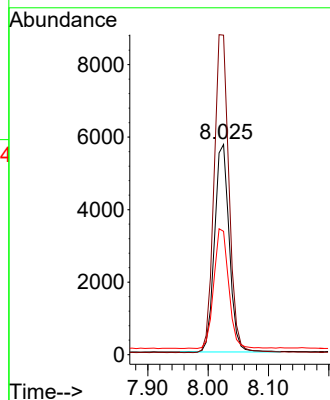
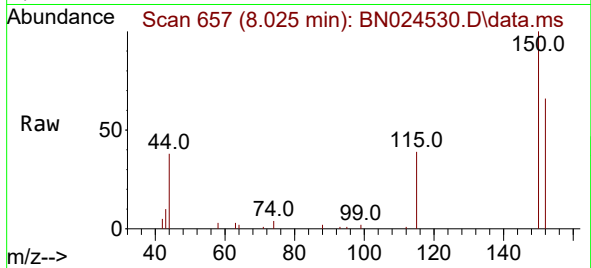




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.025 min Scan# 6
 Delta R.T. 0.000 min
 Lab File: BN024530.D
 Acq: 24 Mar 2023 04:41

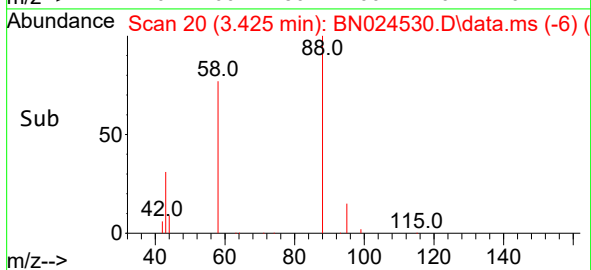
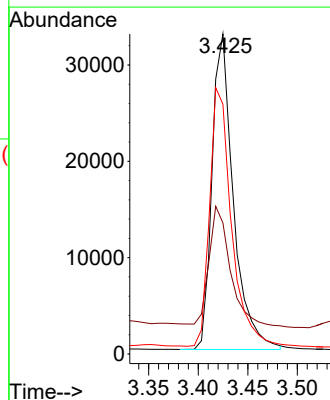
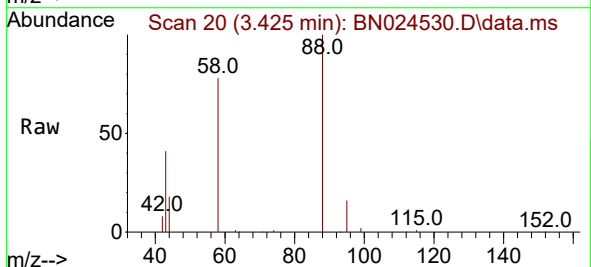
Instrument :
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 TT180D2-20230313

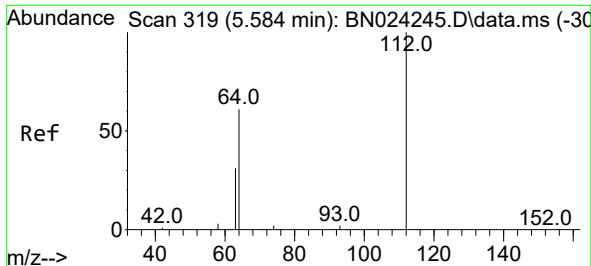
Tgt Ion:152 Resp: 9681
 Ion Ratio Lower Upper
 152 100
 150 152.0 124.7 187.1
 115 58.7 49.1 73.7



#2
 1,4-Dioxane
 Concen: 4.646 ng
 RT: 3.425 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: BN024530.D
 Acq: 24 Mar 2023 04:41

Tgt Ion: 88 Resp: 48936
 Ion Ratio Lower Upper
 88 100
 43 37.6 29.0 43.4
 58 83.9 67.3 100.9

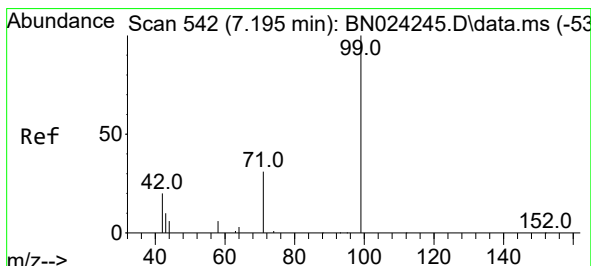
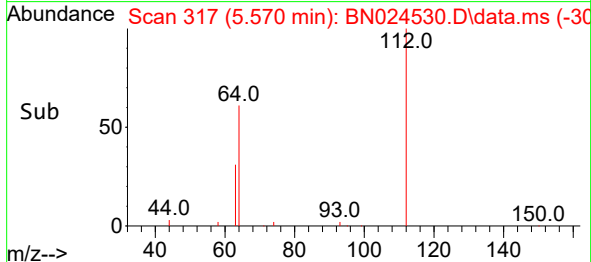
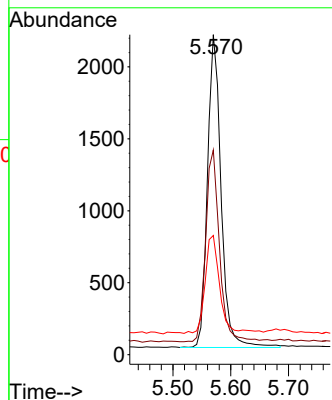
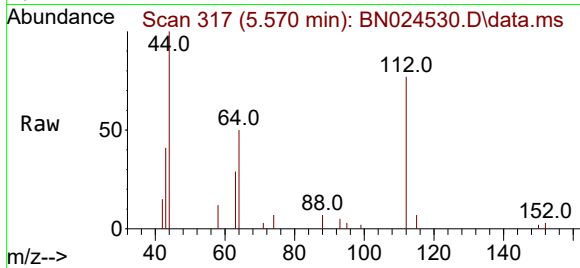




#4
2-Fluorophenol
Concen: 0.166 ng
RT: 5.570 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN024530.D
Acq: 24 Mar 2023 04:41

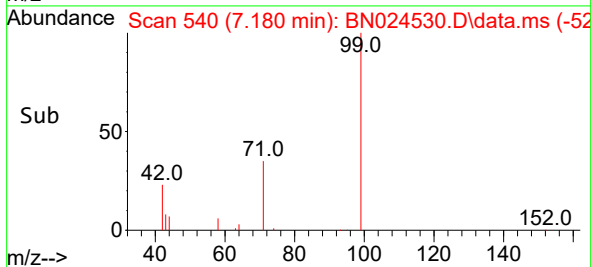
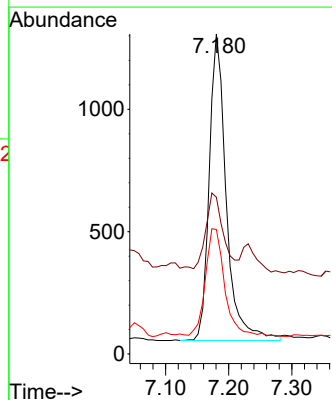
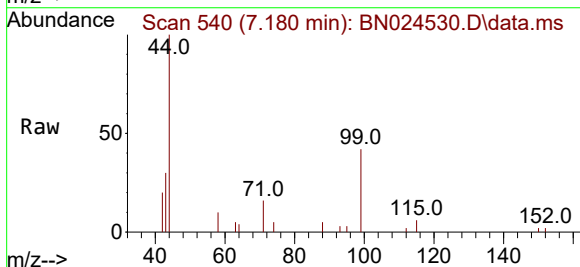
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BNA_N
ClientSampleId :
TT180D2-20230313

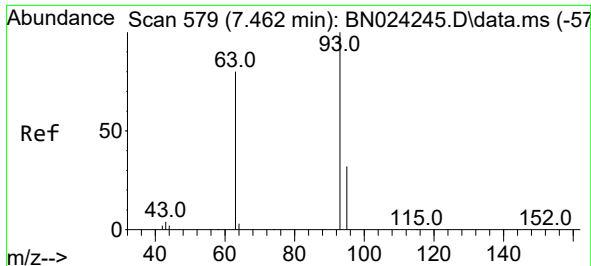
Tgt Ion:112 Resp: 3569
Ion Ratio Lower Upper
112 100
64 62.1 49.0 73.6
63 32.3 25.7 38.5



#5
Phenol-d6
Concen: 0.085 ng
RT: 7.180 min Scan# 540
Delta R.T. -0.000 min
Lab File: BN024530.D
Acq: 24 Mar 2023 04:41

Tgt Ion: 99 Resp: 2350
Ion Ratio Lower Upper
99 100
42 24.3 20.1 30.1
71 40.1 25.8 38.8#

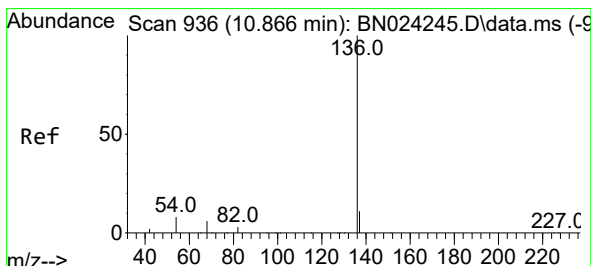
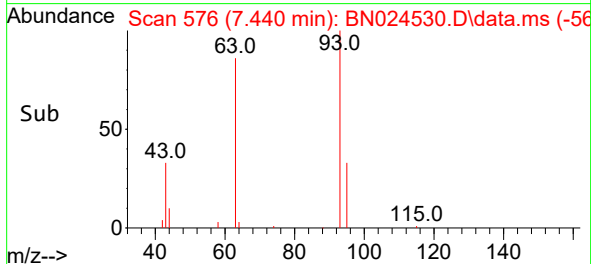
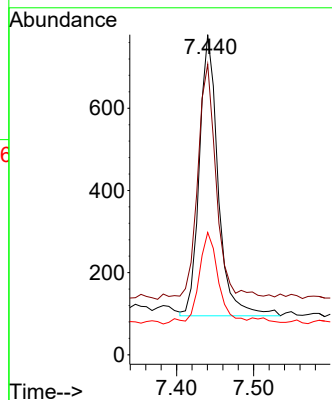
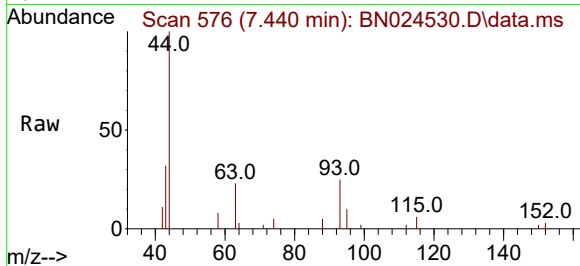




#6
bis(2-Chloroethyl)ether
Concen: 0.042 ng
RT: 7.440 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN024530.D
Acq: 24 Mar 2023 04:41

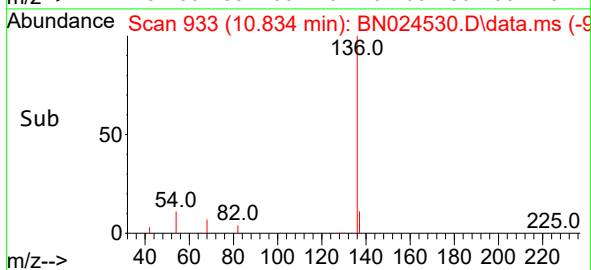
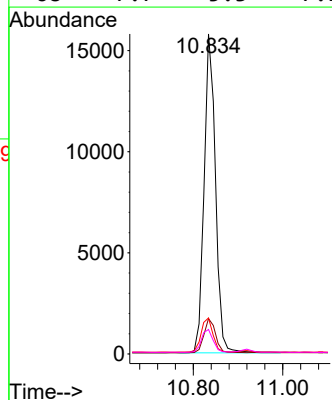
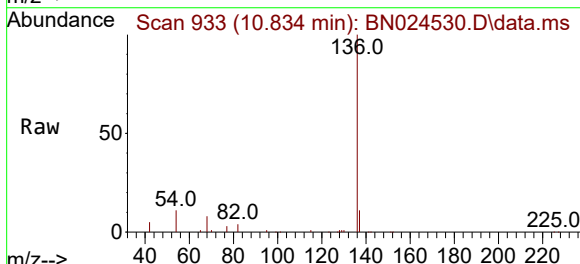
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ClientSampleId :
TT180D2-20230313

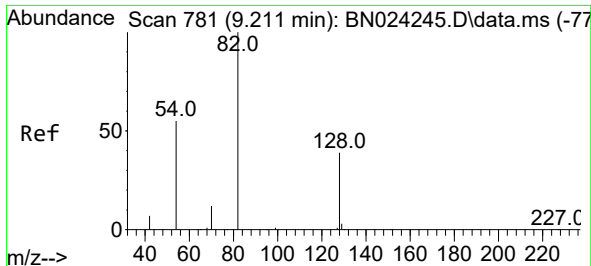
Tgt Ion: 93 Resp: 1157
Ion Ratio Lower Upper
93 100
63 84.5 65.4 98.2
95 34.3 25.8 38.8



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.834 min Scan# 933
Delta R.T. -0.000 min
Lab File: BN024530.D
Acq: 24 Mar 2023 04:41

Tgt Ion: 136 Resp: 27729
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 11.2 7.1 10.7#
68 7.7 5.3 7.9

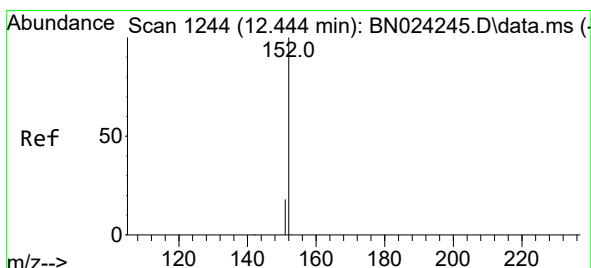
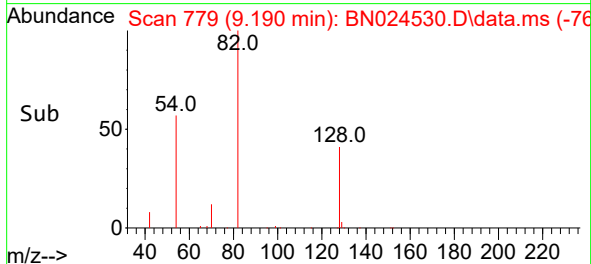
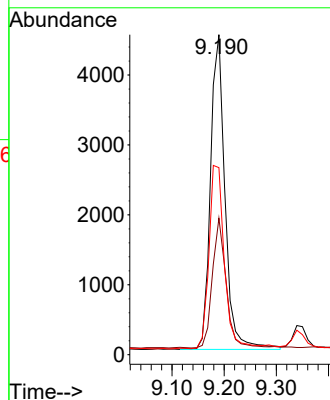
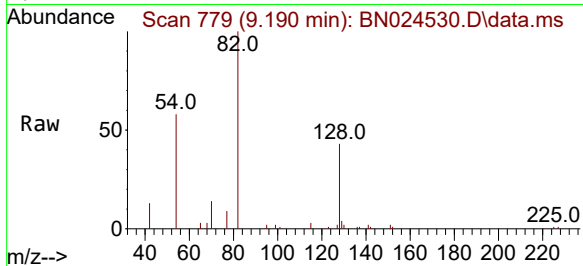




#8
Nitrobenzene-d5
Concen: 0.469 ng
RT: 9.190 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN024530.D
Acq: 24 Mar 2023 04:41

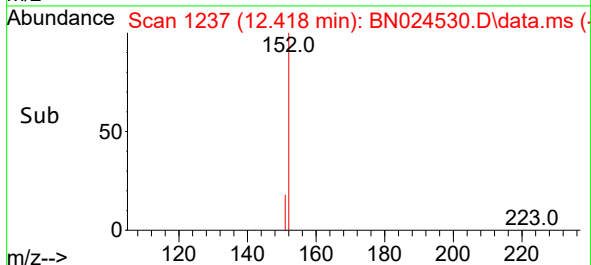
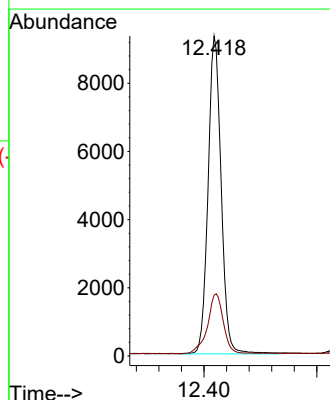
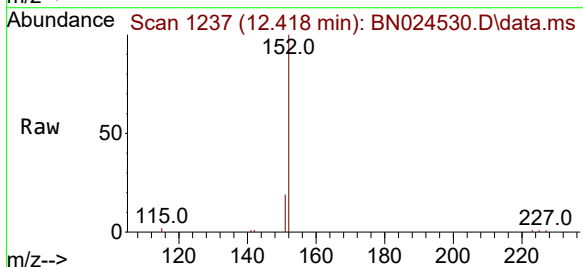
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ClientSampleId :
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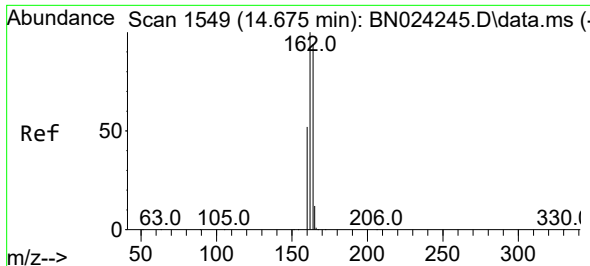
Tgt Ion: 82 Resp: 8681
Ion Ratio Lower Upper
82 100
128 42.7 32.4 48.6
54 58.4 45.2 67.8



#11
2-Methylnaphthalene-d10
Concen: 0.439 ng
RT: 12.418 min Scan# 1237
Delta R.T. -0.000 min
Lab File: BN024530.D
Acq: 24 Mar 2023 04:41

Tgt Ion: 152 Resp: 14971
Ion Ratio Lower Upper
152 100
151 22.9 16.8 25.2

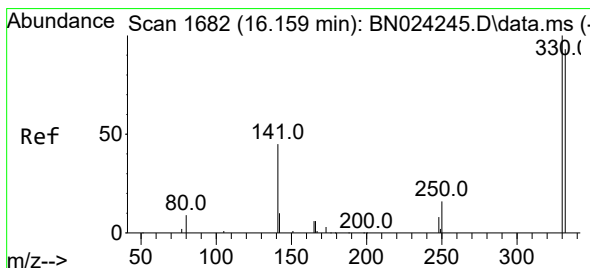
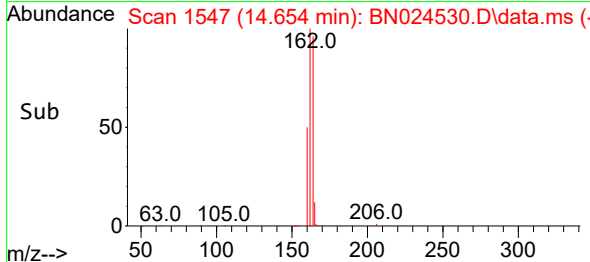
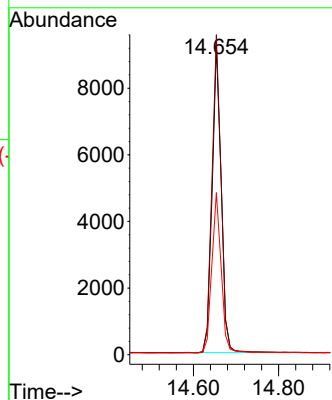
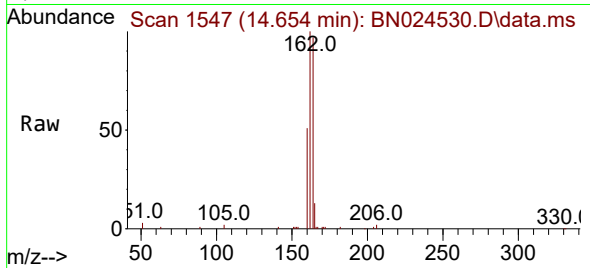




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.654 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN024530.D
Acq: 24 Mar 2023 04:41

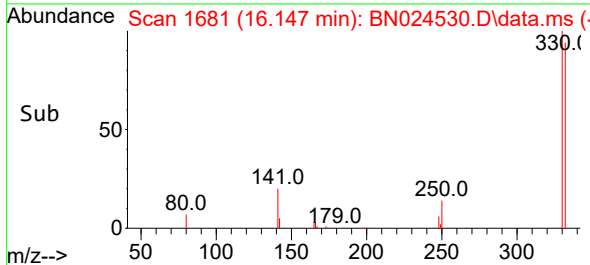
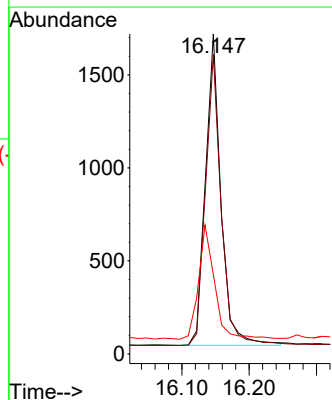
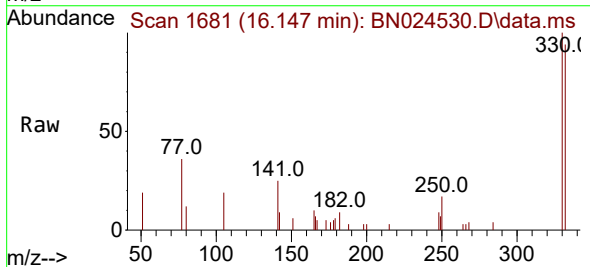
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ClientSampleId :
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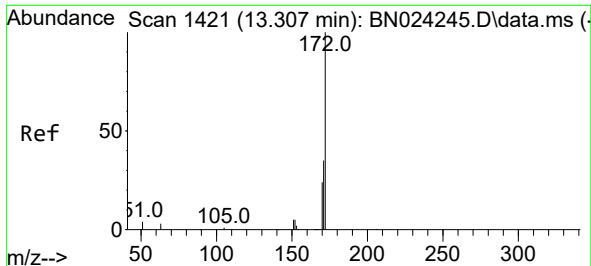
Tgt Ion:164 Resp: 13660
Ion Ratio Lower Upper
164 100
162 103.5 84.7 127.1
160 52.4 44.6 66.8



#14
2,4,6-Tribromophenol
Concen: 0.385 ng
RT: 16.147 min Scan# 1681
Delta R.T. -0.000 min
Lab File: BN024530.D
Acq: 24 Mar 2023 04:41

Tgt Ion:330 Resp: 2687
Ion Ratio Lower Upper
330 100
332 94.8 78.0 117.0
141 37.1 30.8 46.2

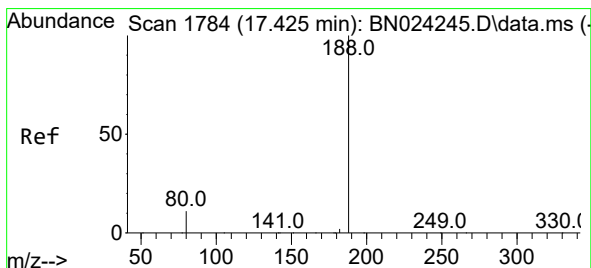
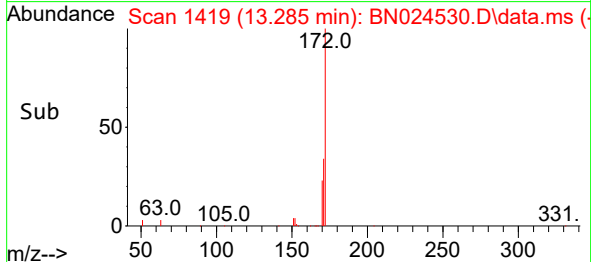
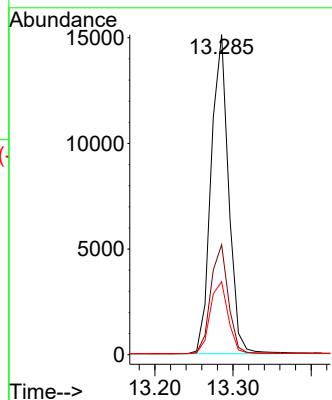
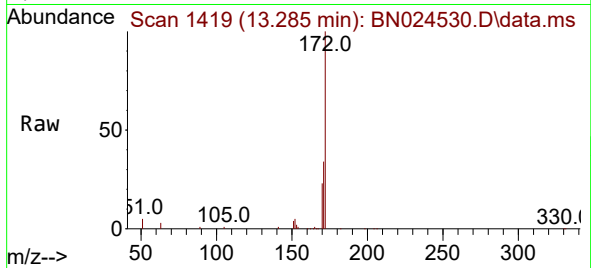




#15
2-Fluorobiphenyl
Concen: 0.455 ng
RT: 13.285 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN024530.D
Acq: 24 Mar 2023 04:41

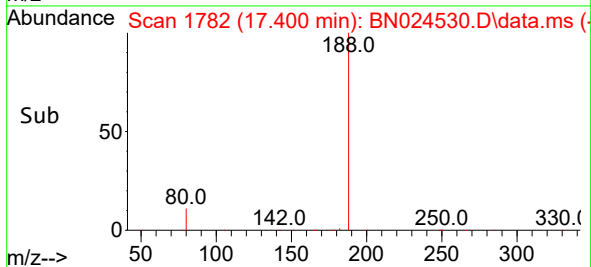
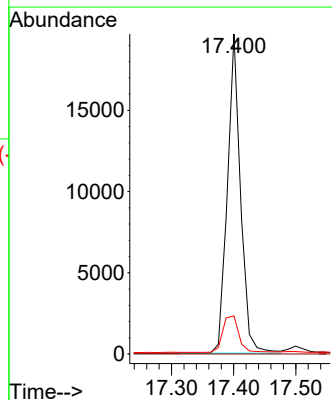
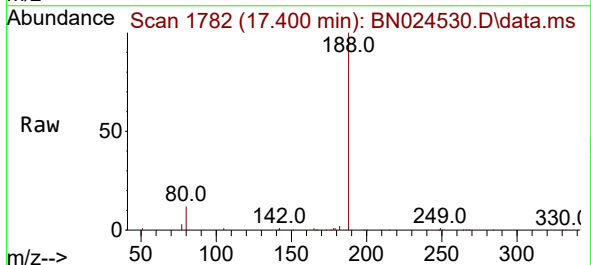
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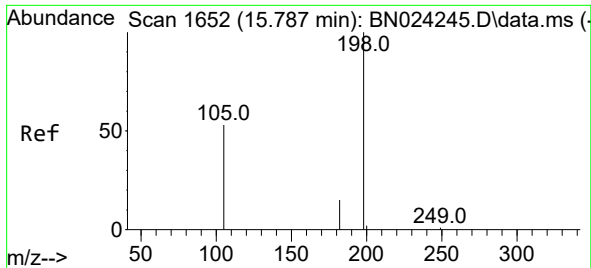
Tgt Ion:172 Resp: 23453
Ion Ratio Lower Upper
172 100
171 34.3 27.8 41.8
170 22.8 19.0 28.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.400 min Scan# 1782
Delta R.T. -0.000 min
Lab File: BN024530.D
Acq: 24 Mar 2023 04:41

Tgt Ion:188 Resp: 28805
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.9 8.9 13.3

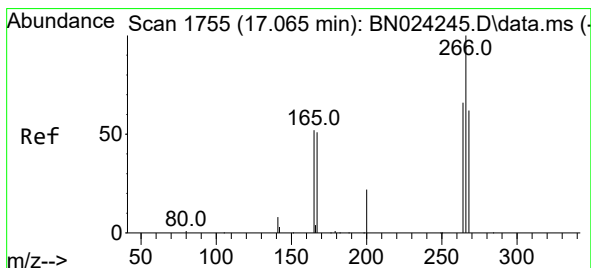
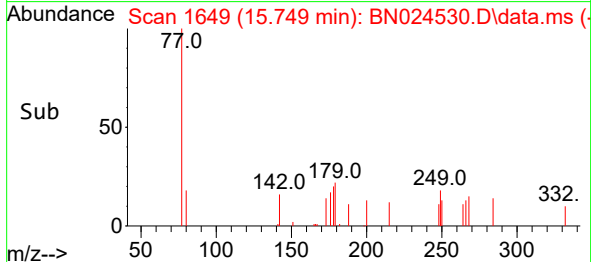
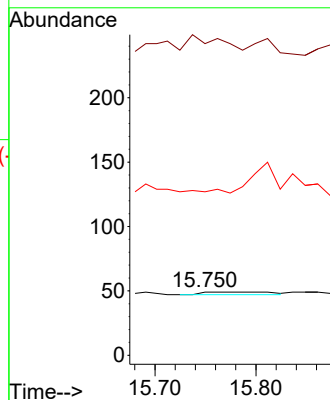
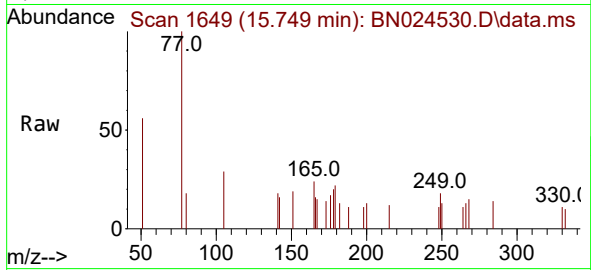




#20
4,6-Dinitro-2-methylphenol
Concen: 0.180 ng
RT: 15.749 min Scan# 1649
Delta R.T. -0.025 min
Lab File: BN024530.D
Acq: 24 Mar 2023 04:41

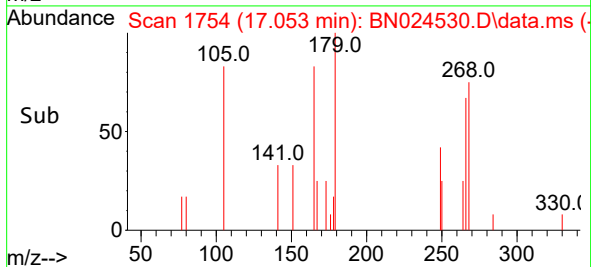
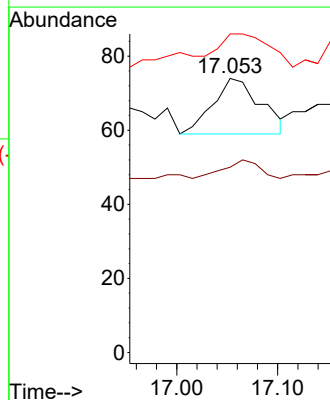
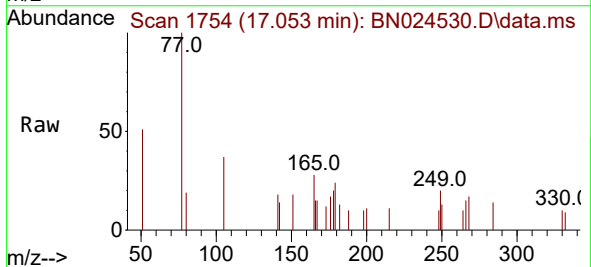
Instrument :
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TT180D2-20230313

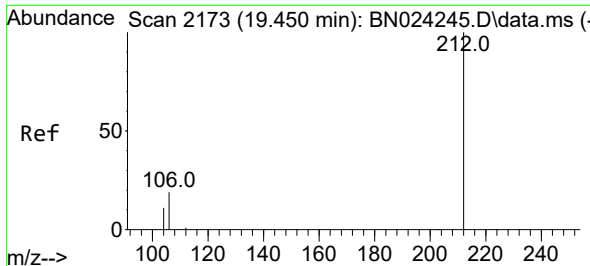
Tgt Ion:198 Resp: 10
Ion Ratio Lower Upper
198 100
51 493.9 68.2 102.2#
105 259.2 51.6 77.4#



#24
Pentachlorophenol
Concen: 0.132 ng
RT: 17.053 min Scan# 1754
Delta R.T. -0.000 min
Lab File: BN024530.D
Acq: 24 Mar 2023 04:41

Tgt Ion:266 Resp: 49
Ion Ratio Lower Upper
266 100
264 24.5 51.1 76.7#
268 63.3 52.2 78.4

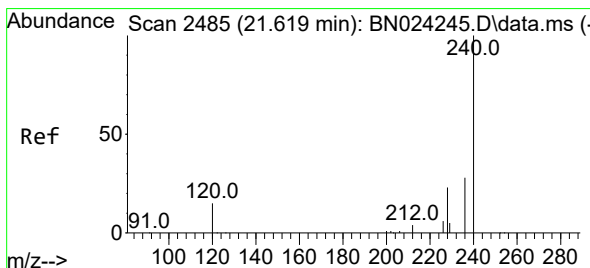
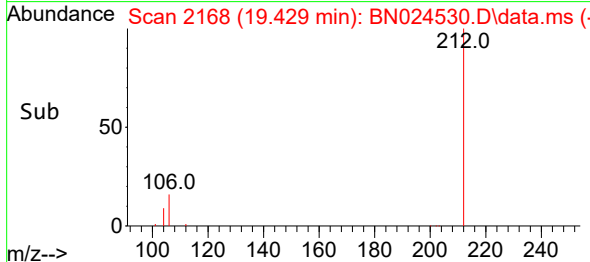
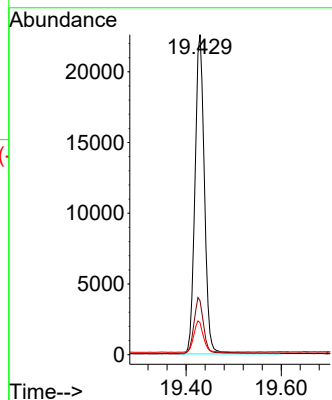
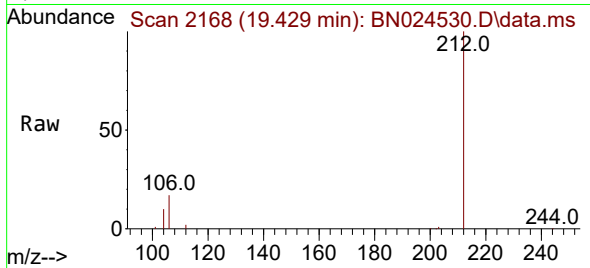




#27
Fluoranthene-d10
Concen: 0.507 ng
RT: 19.429 min Scan# 2173
Delta R.T. -0.000 min
Lab File: BN024530.D
Acq: 24 Mar 2023 04:41

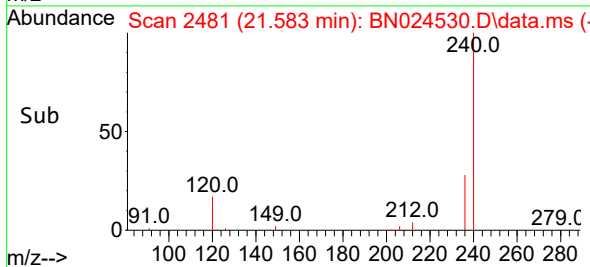
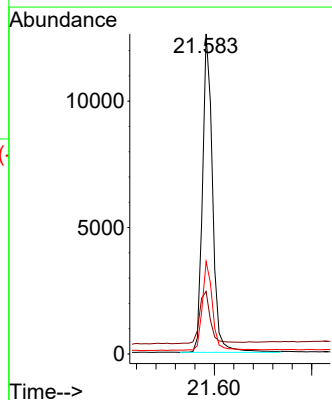
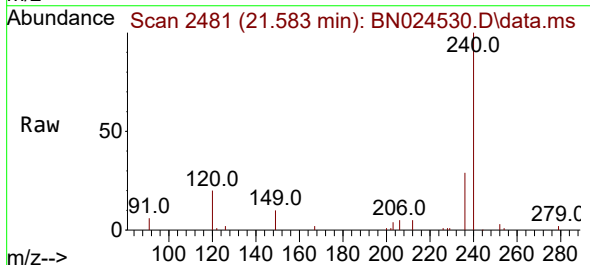
Instrument :
BNA_N
ClientSampleId :
TT180D2-20230313

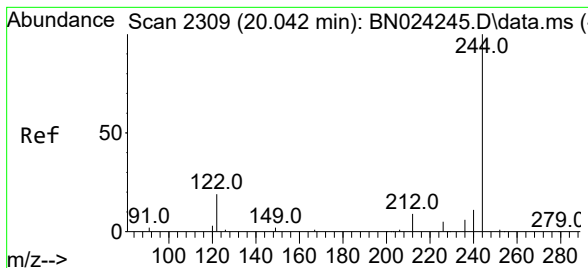
Tgt Ion:212 Resp: 30951
Ion Ratio Lower Upper
212 100
106 17.4 15.4 23.2
104 10.0 8.6 13.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.583 min Scan# 2481
Delta R.T. -0.000 min
Lab File: BN024530.D
Acq: 24 Mar 2023 04:41

Tgt Ion:240 Resp: 18052
Ion Ratio Lower Upper
240 100
120 19.6 12.8 19.2#
236 28.9 22.5 33.7





#31

Terphenyl-d14

Concen: 0.598 ng

RT: 20.016 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN024530.D

Acq: 24 Mar 2023 04:41

Instrument :

BNA_N

ClientSampleId :

TT180D2-20230313

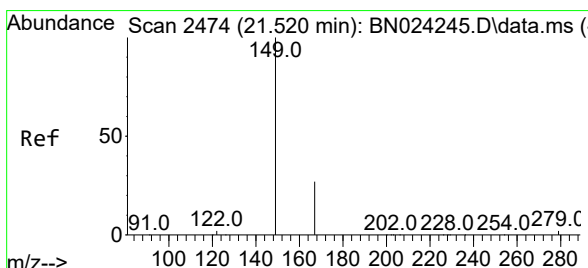
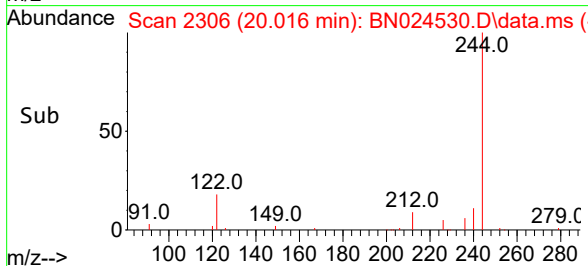
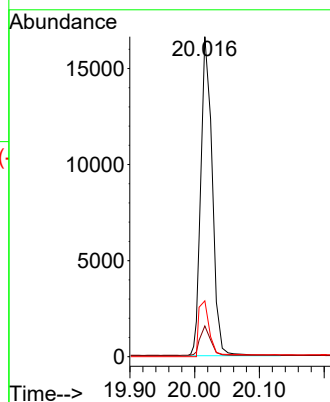
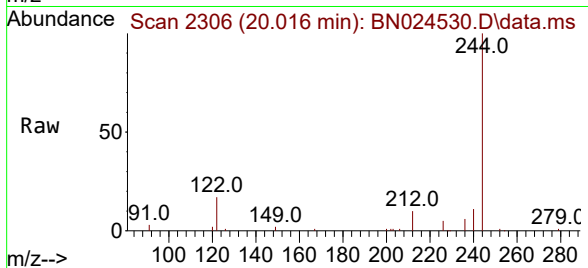
Tgt Ion:244 Resp: 18199

Ion Ratio Lower Upper

244 100

212 9.6 7.6 11.4

122 17.5 15.1 22.7



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.168 ng

RT: 21.484 min Scan# 2470

Delta R.T. -0.000 min

Lab File: BN024530.D

Acq: 24 Mar 2023 04:41

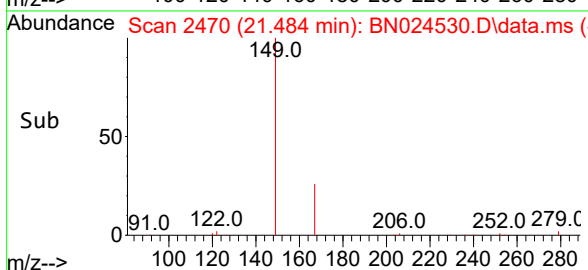
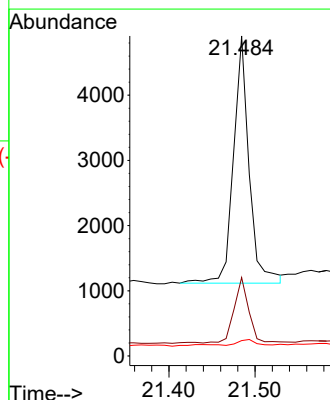
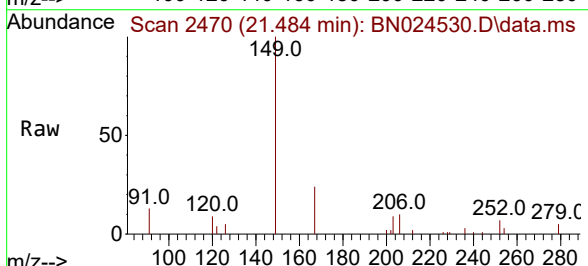
Tgt Ion:149 Resp: 4777

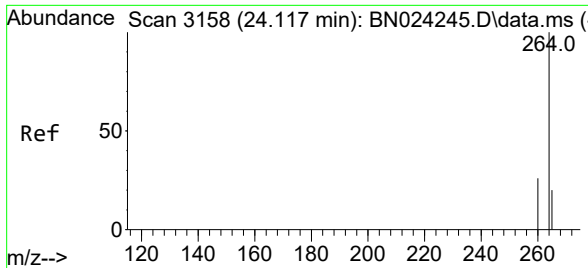
Ion Ratio Lower Upper

149 100

167 25.3 21.2 31.8

279 2.7 1.8 2.8





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.070 min Scan# 31

Delta R.T. -0.009 min

Lab File: BN024530.D

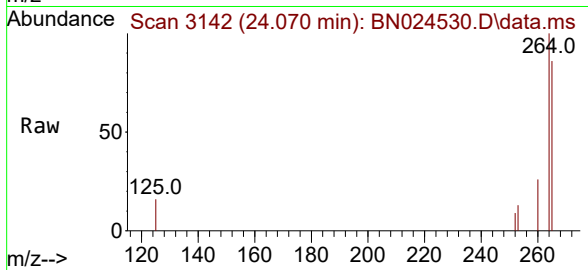
Acq: 24 Mar 2023 04:41

Instrument :

BNA_N

ClientSampleId :

TT180D2-20230313



Tgt Ion:264 Resp: 14870

Ion Ratio Lower Upper

264 100

260 26.3 21.4 32.2

265 85.7 35.7 53.5#

