

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032423\
 Data File : BN024548.D
 Acq On : 24 Mar 2023 16:18
 Operator : CG/JU
 Sample : 01978-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20230316

Quant Time: Mar 25 00:26:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 25 00:22:43 2023
 Response via : Initial Calibration

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

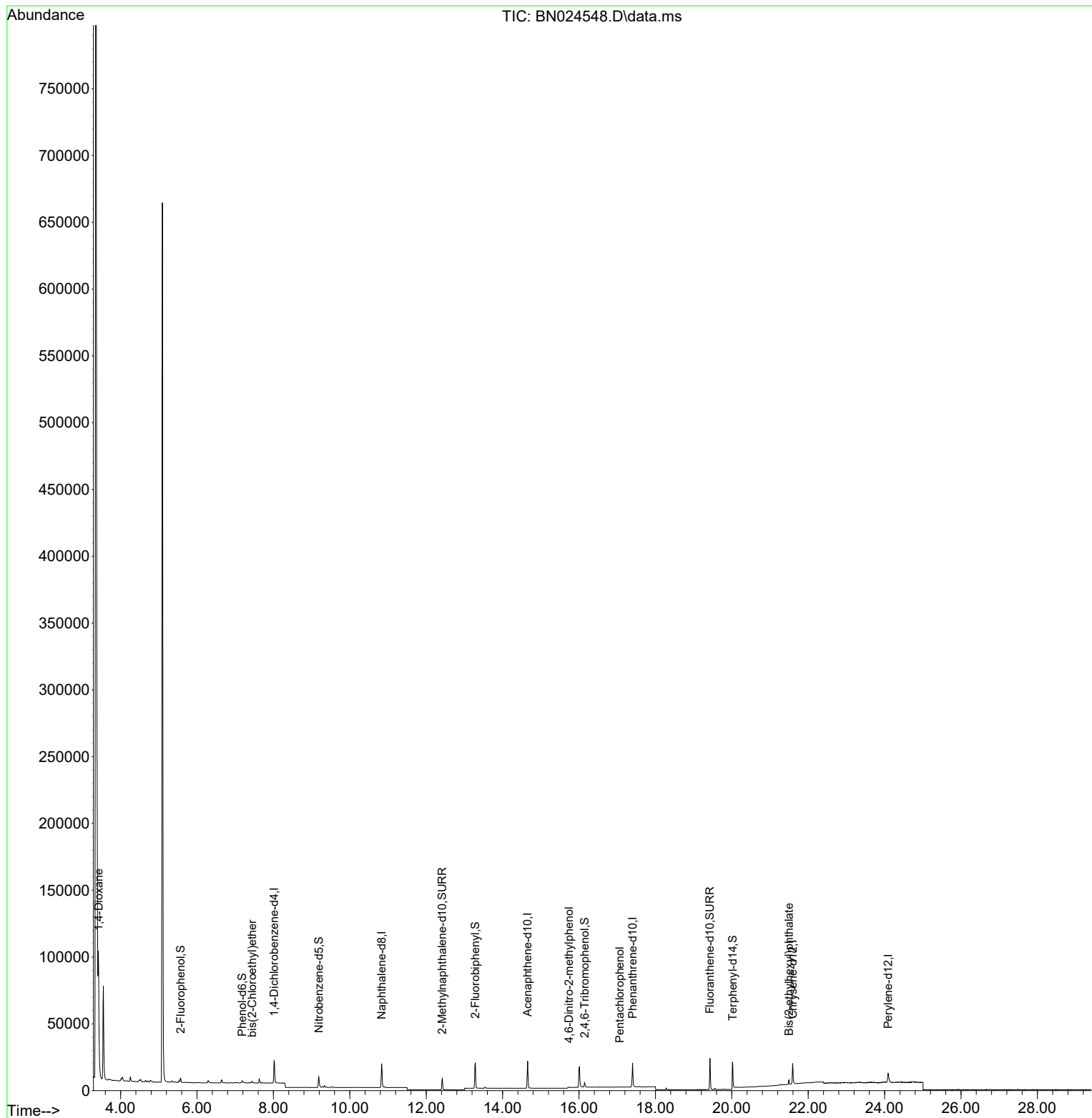
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.018	152	8058	0.400	ng	0.00
7) Naphthalene-d8	10.834	136	22950	0.400	ng	# 0.00
13) Acenaphthene-d10	14.654	164	11346	0.400	ng	0.00
19) Phenanthrene-d10	17.400	188	24382	0.400	ng	0.00
29) Chrysene-d12	21.592	240	14611	0.400	ng	# 0.00
35) Perylene-d12	24.091	264	11803	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.570	112	2767	0.155	ng	0.00
5) Phenol-d6	7.180	99	1821	0.079	ng	0.00
8) Nitrobenzene-d5	9.190	82	6969	0.454	ng	0.00
11) 2-Methylnaphthalene-d10	12.418	152	11727	0.416	ng	0.00
14) 2,4,6-Tribromophenol	16.147	330	2018	0.348	ng	0.00
15) 2-Fluorobiphenyl	13.285	172	17669	0.412	ng	0.00
27) Fluoranthene-d10	19.429	212	25667	0.497	ng	0.00
31) Terphenyl-d14	20.024	244	15438	0.627	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.425	88	45275	5.164	ng	99
6) bis(2-Chloroethyl)ether	7.440	93	886	0.039	ng	95
20) 4,6-Dinitro-2-methylph...	15.737	198	2	0.179	ng	# 1
24) Pentachlorophenol	17.065	266	45	0.133	ng	# 70
34) Bis(2-ethylhexyl)phtha...	21.493	149	3331	0.145	ng	# 93

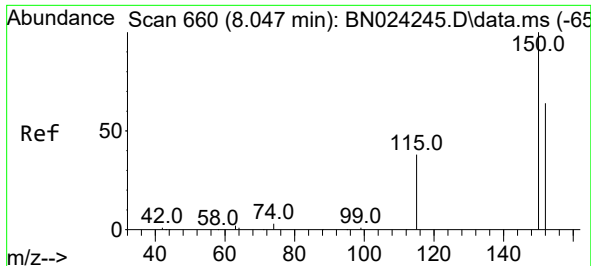
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032423\
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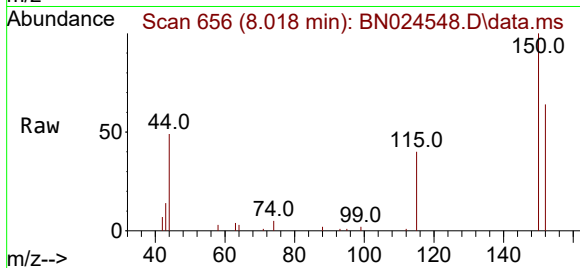
Quant Time: Mar 25 00:26:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
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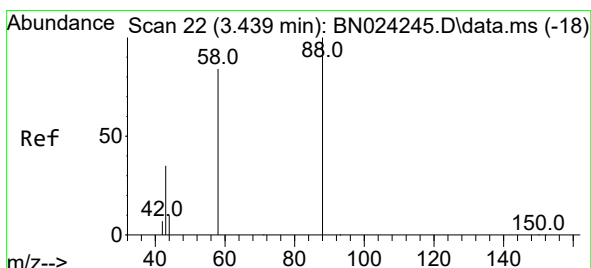
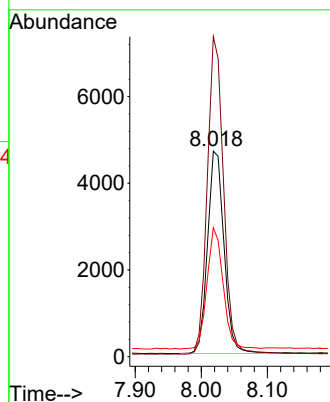
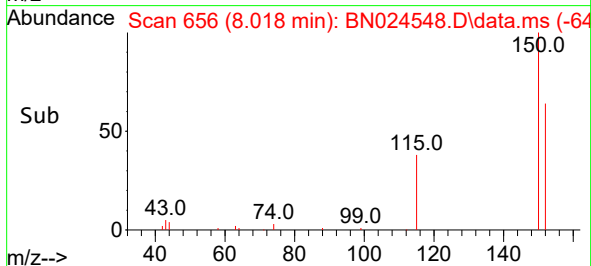


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.018 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN024548.D
 Acq: 24 Mar 2023 16:18

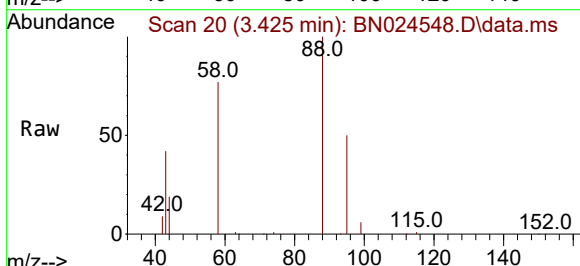
Instrument :
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 ClientSampleId :
 SP-100-20230316



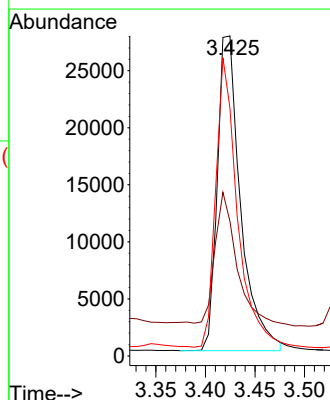
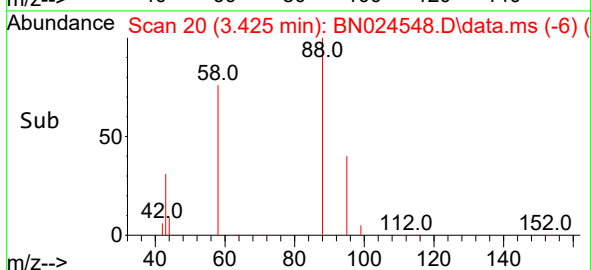
Tgt Ion:152 Resp: 8058
 Ion Ratio Lower Upper
 152 100
 150 155.7 124.7 187.1
 115 62.8 49.1 73.7

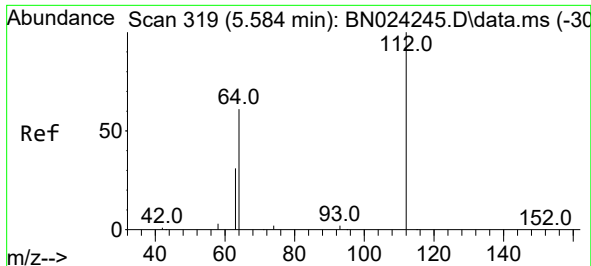


#2
 1,4-Dioxane
 Concen: 5.164 ng
 RT: 3.425 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: BN024548.D
 Acq: 24 Mar 2023 16:18



Tgt Ion: 88 Resp: 45275
 Ion Ratio Lower Upper
 88 100
 43 37.6 29.0 43.4
 58 85.0 67.3 100.9

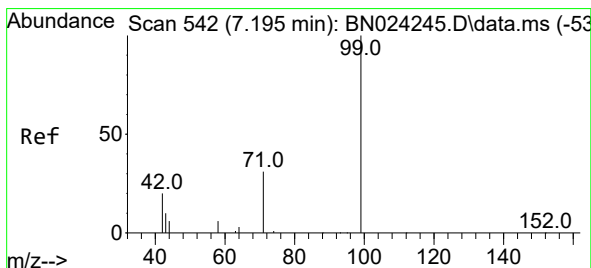
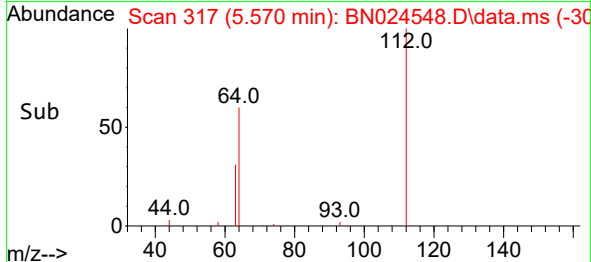
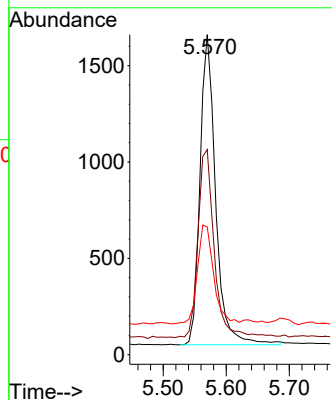
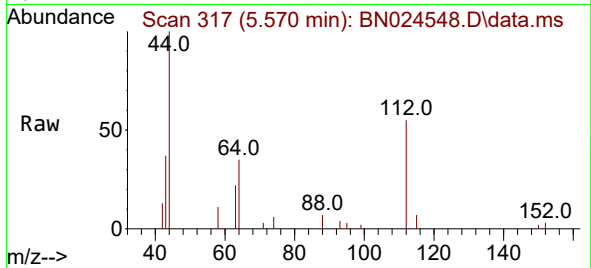




#4
2-Fluorophenol
Concen: 0.155 ng
RT: 5.570 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN024548.D
Acq: 24 Mar 2023 16:18

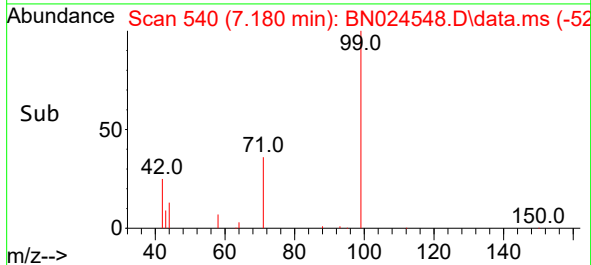
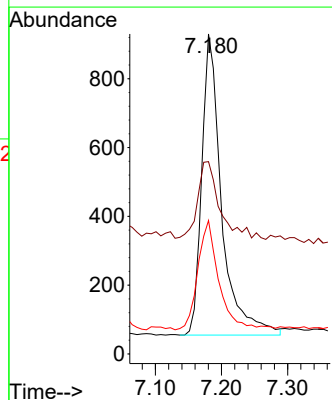
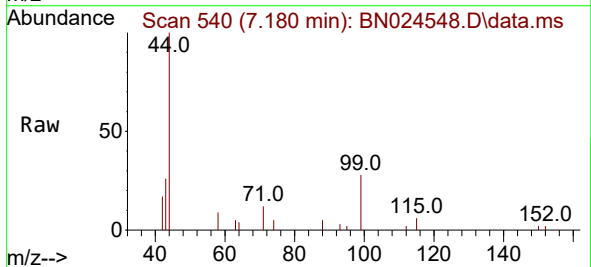
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ClientSampleId :
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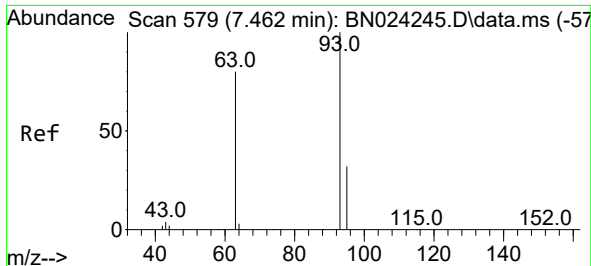
Tgt Ion:112 Resp: 2767
Ion Ratio Lower Upper
112 100
64 63.2 49.0 73.6
63 33.0 25.7 38.5



#5
Phenol-d6
Concen: 0.079 ng
RT: 7.180 min Scan# 540
Delta R.T. -0.000 min
Lab File: BN024548.D
Acq: 24 Mar 2023 16:18

Tgt Ion: 99 Resp: 1821
Ion Ratio Lower Upper
99 100
42 29.2 20.1 30.1
71 38.9 25.8 38.8#

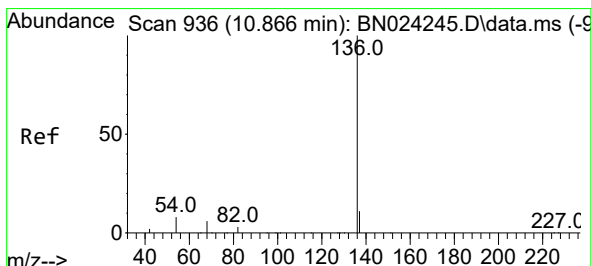
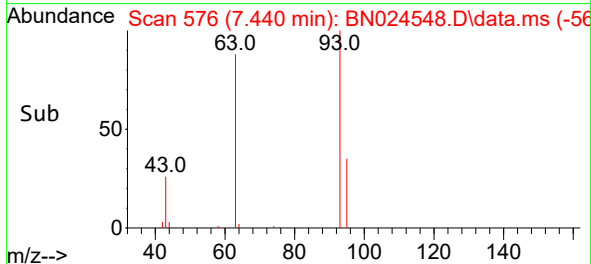
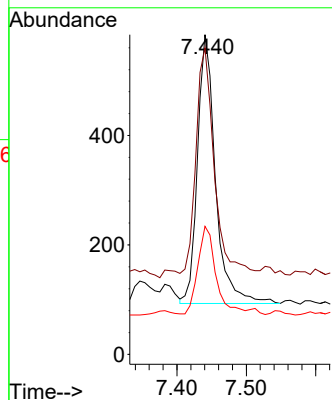
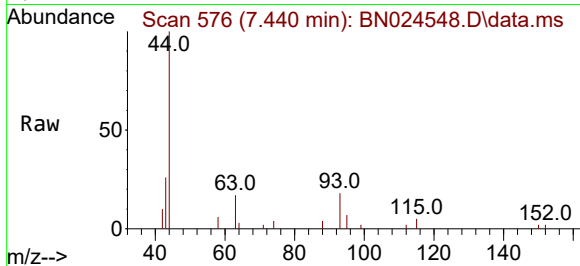




#6
bis(2-Chloroethyl)ether
Concen: 0.039 ng
RT: 7.440 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN024548.D
Acq: 24 Mar 2023 16:18

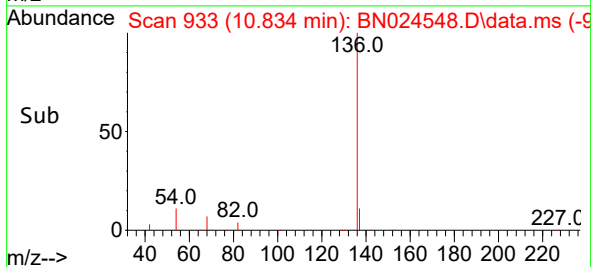
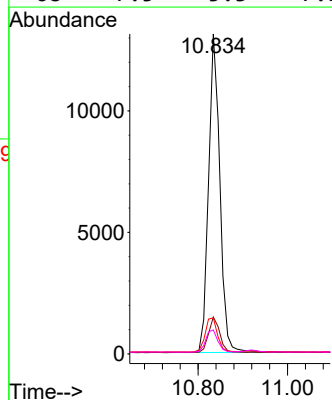
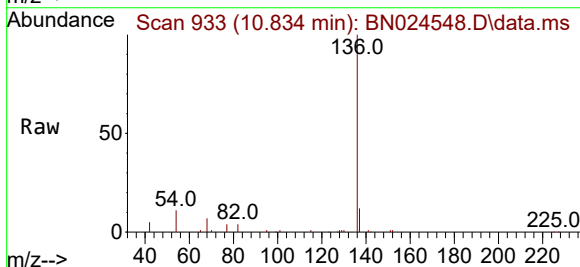
Instrument :
BNA_N
ClientSampleId :
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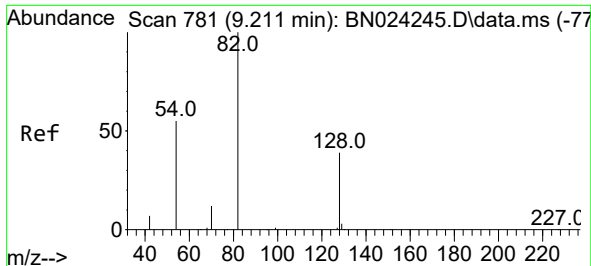
Tgt Ion: 93 Resp: 886
Ion Ratio Lower Upper
93 100
63 87.4 65.4 98.2
95 32.5 25.8 38.8



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.834 min Scan# 933
Delta R.T. -0.000 min
Lab File: BN024548.D
Acq: 24 Mar 2023 16:18

Tgt Ion: 136 Resp: 22950
Ion Ratio Lower Upper
136 100
137 11.5 8.9 13.3
54 11.3 7.1 10.7#
68 7.5 5.3 7.9

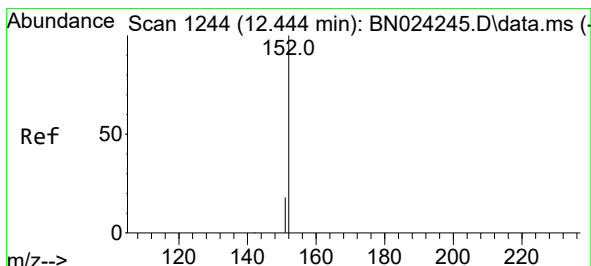
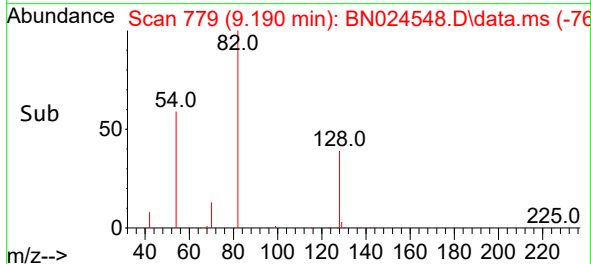
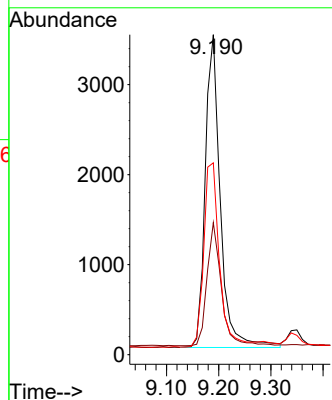
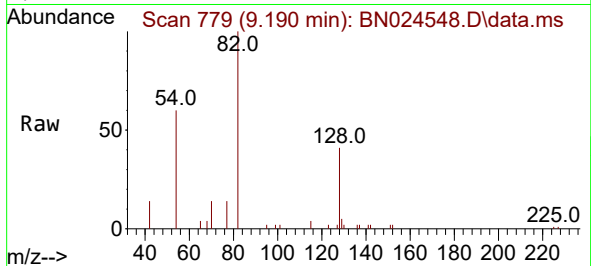




#8
Nitrobenzene-d5
Concen: 0.454 ng
RT: 9.190 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN024548.D
Acq: 24 Mar 2023 16:18

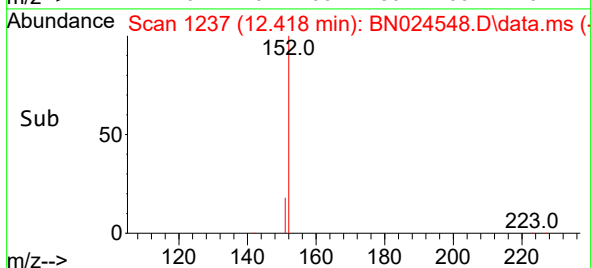
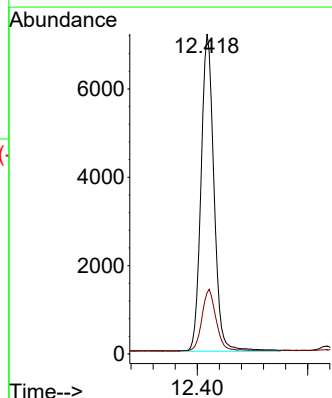
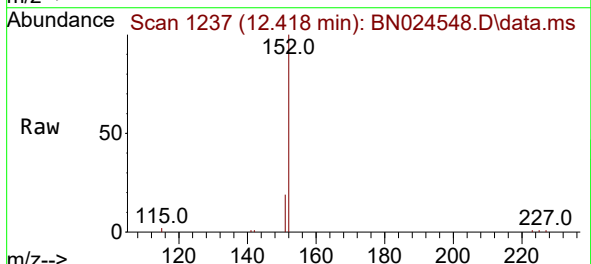
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ClientSampleId :
SP-100-20230316

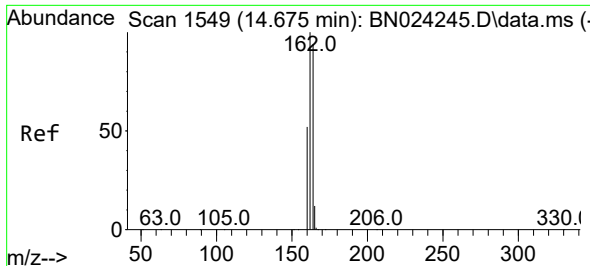
Tgt Ion: 82 Resp: 6969
Ion Ratio Lower Upper
82 100
128 41.2 32.4 48.6
54 59.9 45.2 67.8



#11
2-Methylnaphthalene-d10
Concen: 0.416 ng
RT: 12.418 min Scan# 1237
Delta R.T. -0.000 min
Lab File: BN024548.D
Acq: 24 Mar 2023 16:18

Tgt Ion: 152 Resp: 11727
Ion Ratio Lower Upper
152 100
151 20.9 16.8 25.2

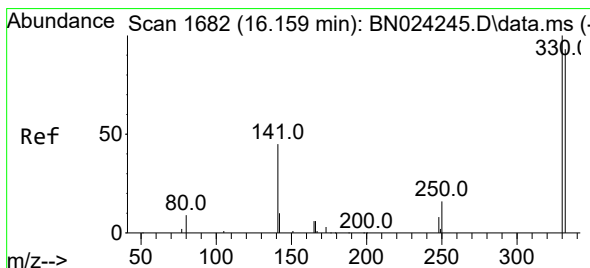
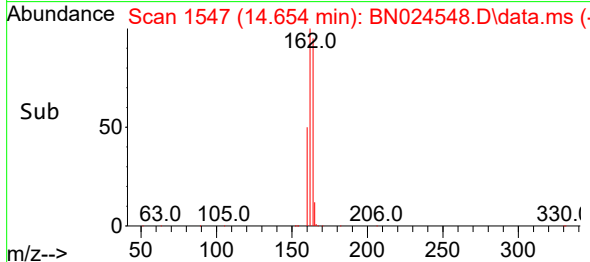
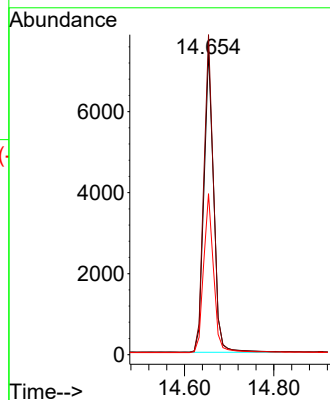
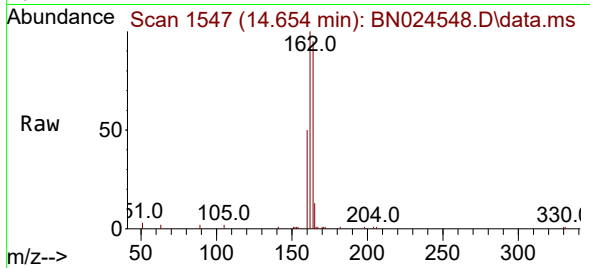




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.654 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN024548.D
Acq: 24 Mar 2023 16:18

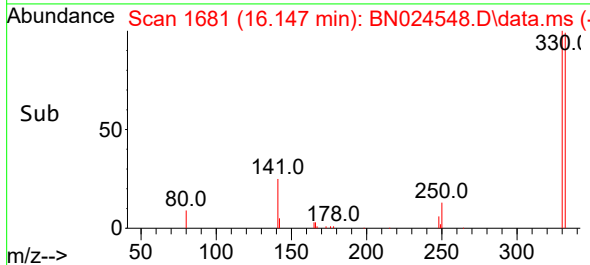
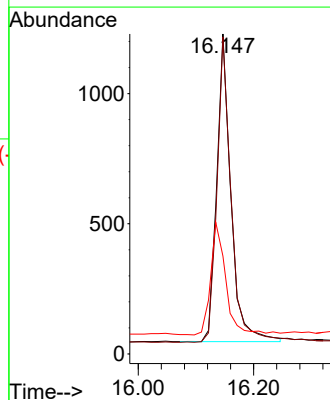
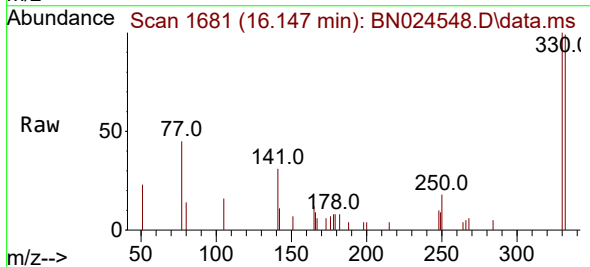
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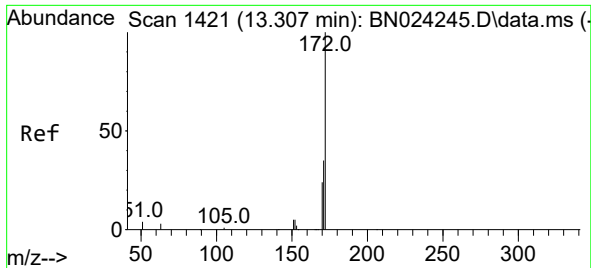
Tgt Ion:164 Resp: 11346
Ion Ratio Lower Upper
164 100
162 105.2 84.7 127.1
160 52.9 44.6 66.8



#14
2,4,6-Tribromophenol
Concen: 0.348 ng
RT: 16.147 min Scan# 1681
Delta R.T. -0.000 min
Lab File: BN024548.D
Acq: 24 Mar 2023 16:18

Tgt Ion:330 Resp: 2018
Ion Ratio Lower Upper
330 100
332 98.8 78.0 117.0
141 39.0 30.8 46.2

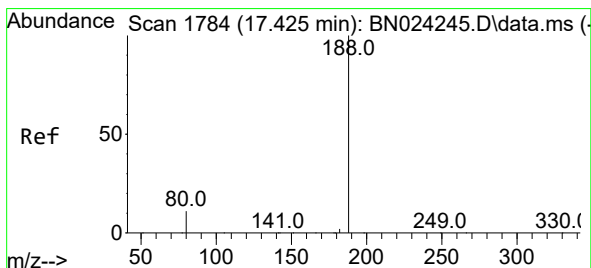
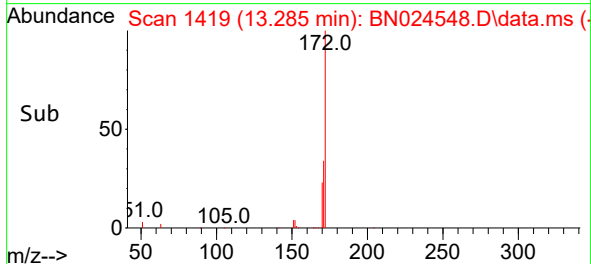
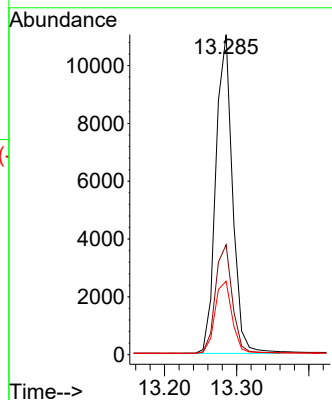
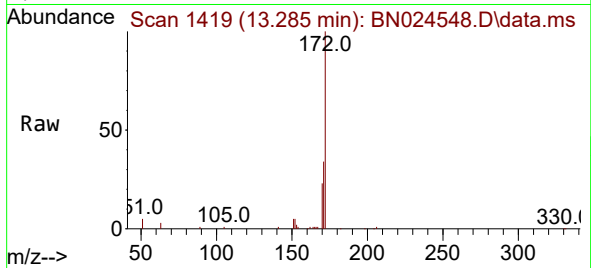




#15
2-Fluorobiphenyl
Concen: 0.412 ng
RT: 13.285 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BN024548.D
Acq: 24 Mar 2023 16:18

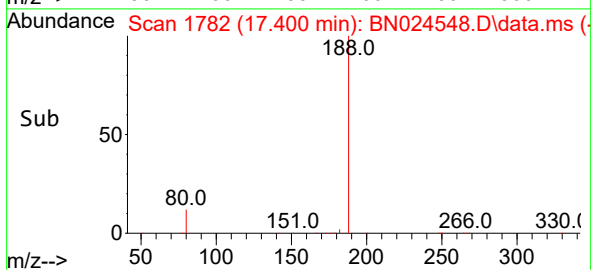
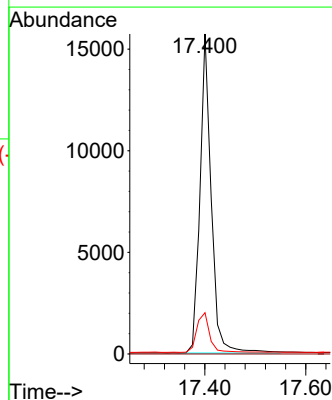
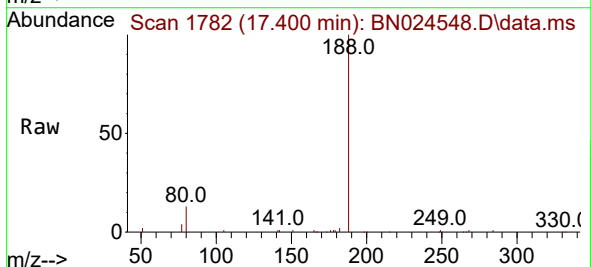
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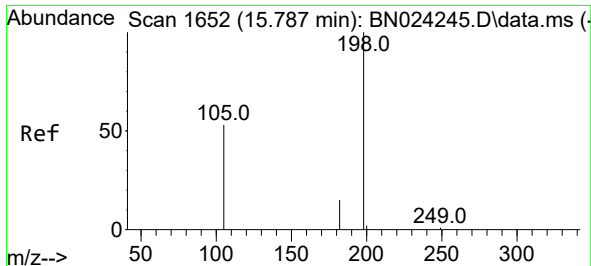
Tgt Ion:172 Resp: 17669
Ion Ratio Lower Upper
172 100
171 34.4 27.8 41.8
170 23.0 19.0 28.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.400 min Scan# 1782
Delta R.T. -0.000 min
Lab File: BN024548.D
Acq: 24 Mar 2023 16:18

Tgt Ion:188 Resp: 24382
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.9 8.9 13.3

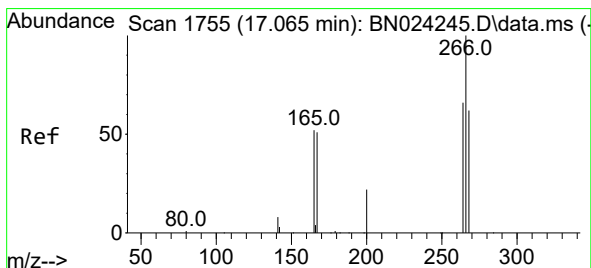
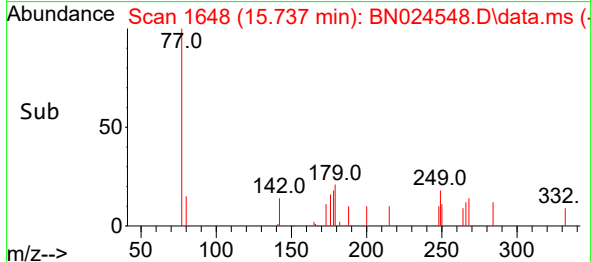
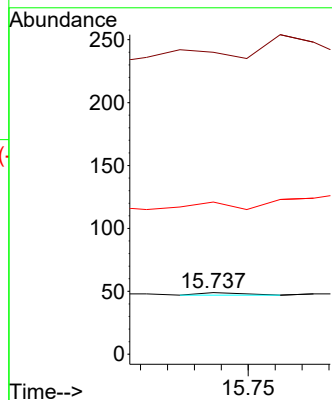
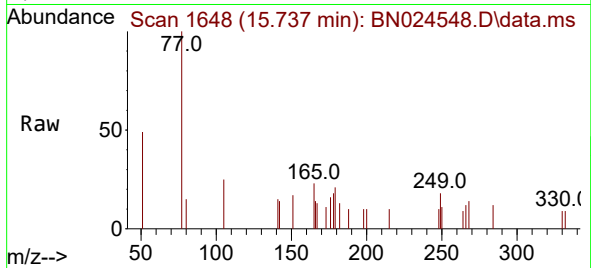




#20
4,6-Dinitro-2-methylphenol
Concen: 0.179 ng
RT: 15.737 min Scan# 1648
Delta R.T. -0.037 min
Lab File: BN024548.D
Acq: 24 Mar 2023 16:18

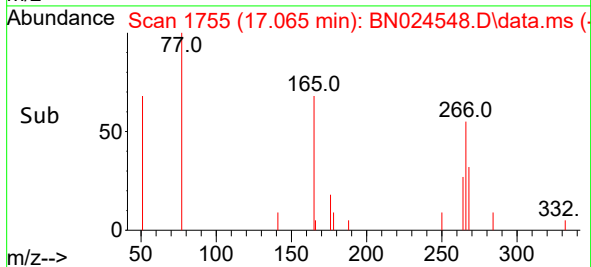
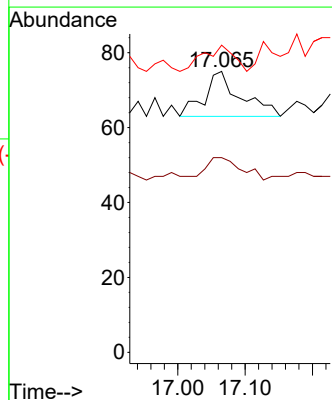
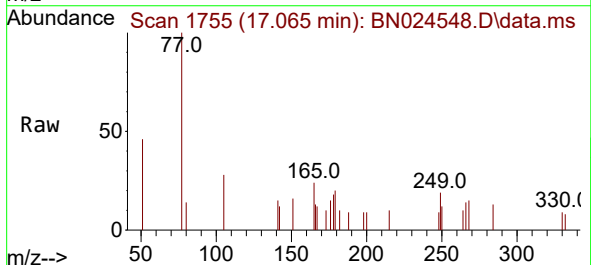
Instrument :
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SP-100-20230316

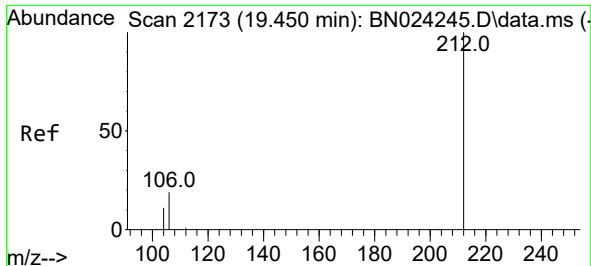
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
51 489.8 68.2 102.2#
105 246.9 51.6 77.4#



#24
Pentachlorophenol
Concen: 0.133 ng
RT: 17.065 min Scan# 1755
Delta R.T. 0.012 min
Lab File: BN024548.D
Acq: 24 Mar 2023 16:18

Tgt Ion:266 Resp: 45
Ion Ratio Lower Upper
266 100
264 33.3 51.1 76.7#
268 48.9 52.2 78.4#

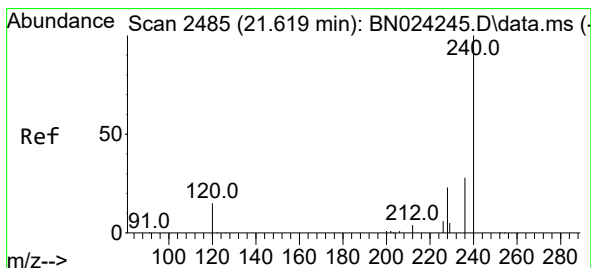
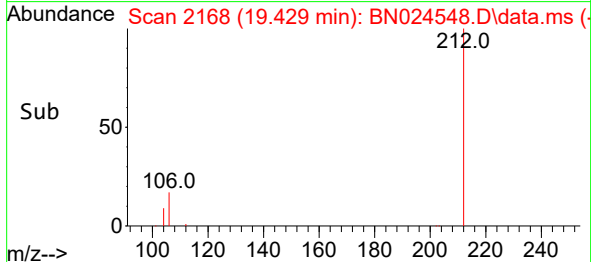
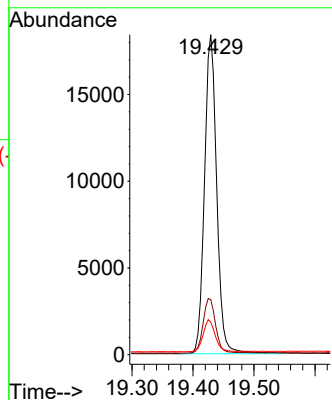
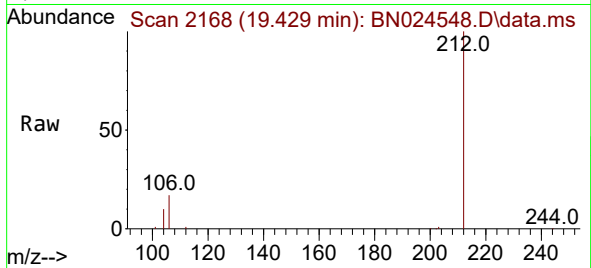




#27
Fluoranthene-d10
Concen: 0.497 ng
RT: 19.429 min Scan# 2173
Delta R.T. -0.000 min
Lab File: BN024548.D
Acq: 24 Mar 2023 16:18

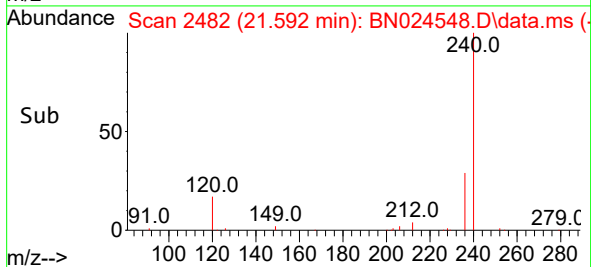
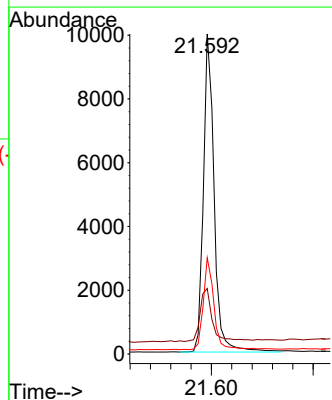
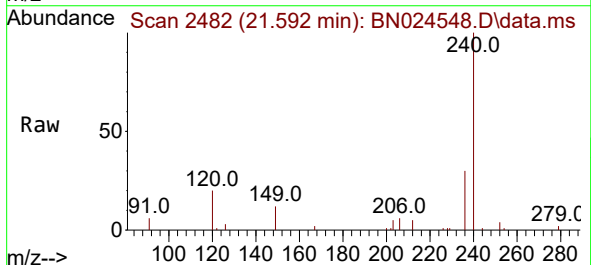
Instrument :
BNA_N
ClientSampleId :
SP-100-20230316

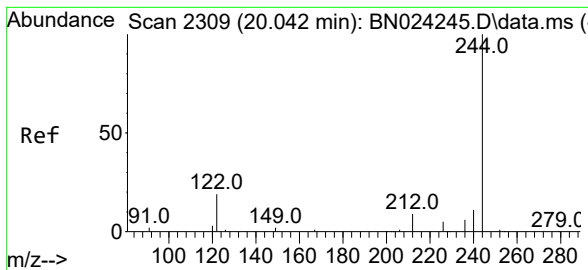
Tgt Ion:212 Resp: 25667
Ion Ratio Lower Upper
212 100
106 17.6 15.4 23.2
104 9.9 8.6 13.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.592 min Scan# 2482
Delta R.T. -0.000 min
Lab File: BN024548.D
Acq: 24 Mar 2023 16:18

Tgt Ion:240 Resp: 14611
Ion Ratio Lower Upper
240 100
120 20.5 12.8 19.2#
236 30.1 22.5 33.7





#31

Terphenyl-d14

Concen: 0.627 ng

RT: 20.024 min Scan# 21

Delta R.T. 0.009 min

Lab File: BN024548.D

Acq: 24 Mar 2023 16:18

Instrument :

BNA_N

ClientSampleId :

SP-100-20230316

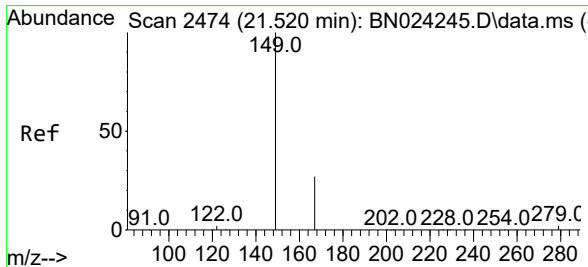
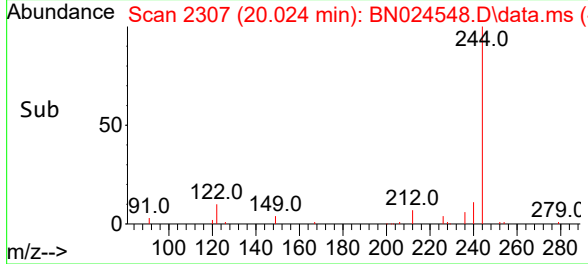
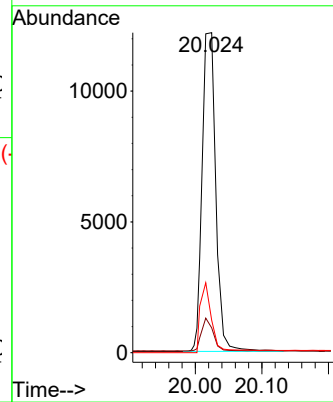
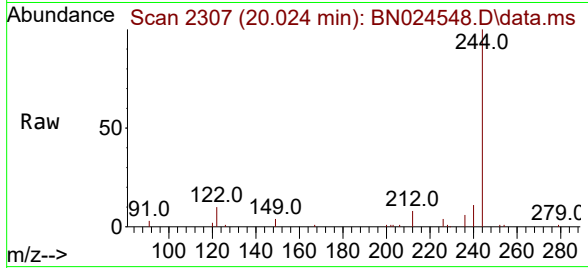
Tgt Ion:244 Resp: 15438

Ion Ratio Lower Upper

244 100

212 7.8 7.6 11.4

122 10.2 15.1 22.7#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.145 ng

RT: 21.493 min Scan# 2471

Delta R.T. 0.009 min

Lab File: BN024548.D

Acq: 24 Mar 2023 16:18

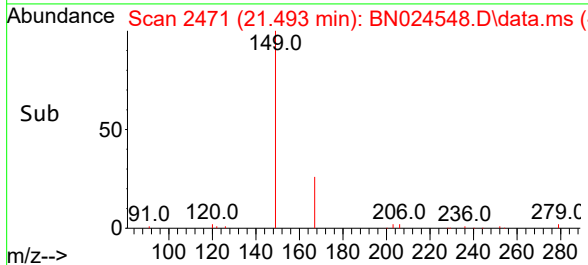
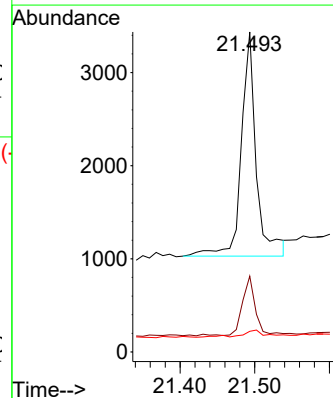
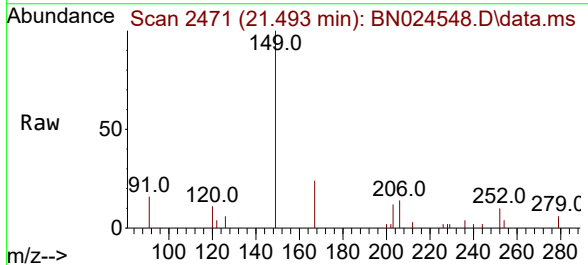
Tgt Ion:149 Resp: 3331

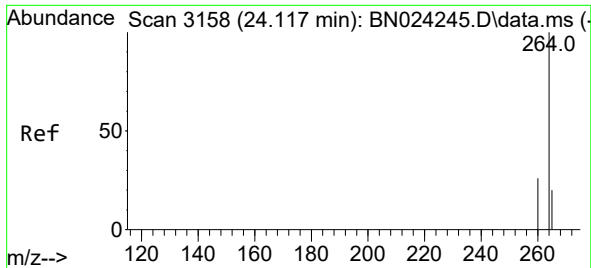
Ion Ratio Lower Upper

149 100

167 23.0 21.2 31.8

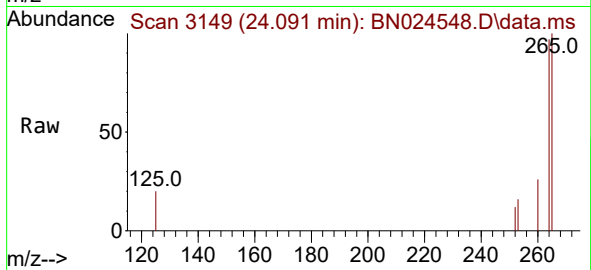
279 4.4 1.8 2.8#





#35
Perylene-d12
Concen: 0.400 ng
RT: 24.091 min Scan# 31
Delta R.T. -0.006 min
Lab File: BN024548.D
Acq: 24 Mar 2023 16:18

Instrument :
BNA_N
ClientSampleId :
SP-100-20230316



Tgt Ion:264 Resp: 11803
Ion Ratio Lower Upper
264 100
260 26.7 21.4 32.2
265 102.8 35.7 53.5#

