

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041823\
 Data File : BN024985.D
 Acq On : 18 Apr 2023 19:06
 Operator : CG/JU
 Sample : 02354-01DL 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20230413DL

Quant Time: Apr 19 05:21:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN040523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 18 05:29:26 2023
 Response via : Initial Calibration

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

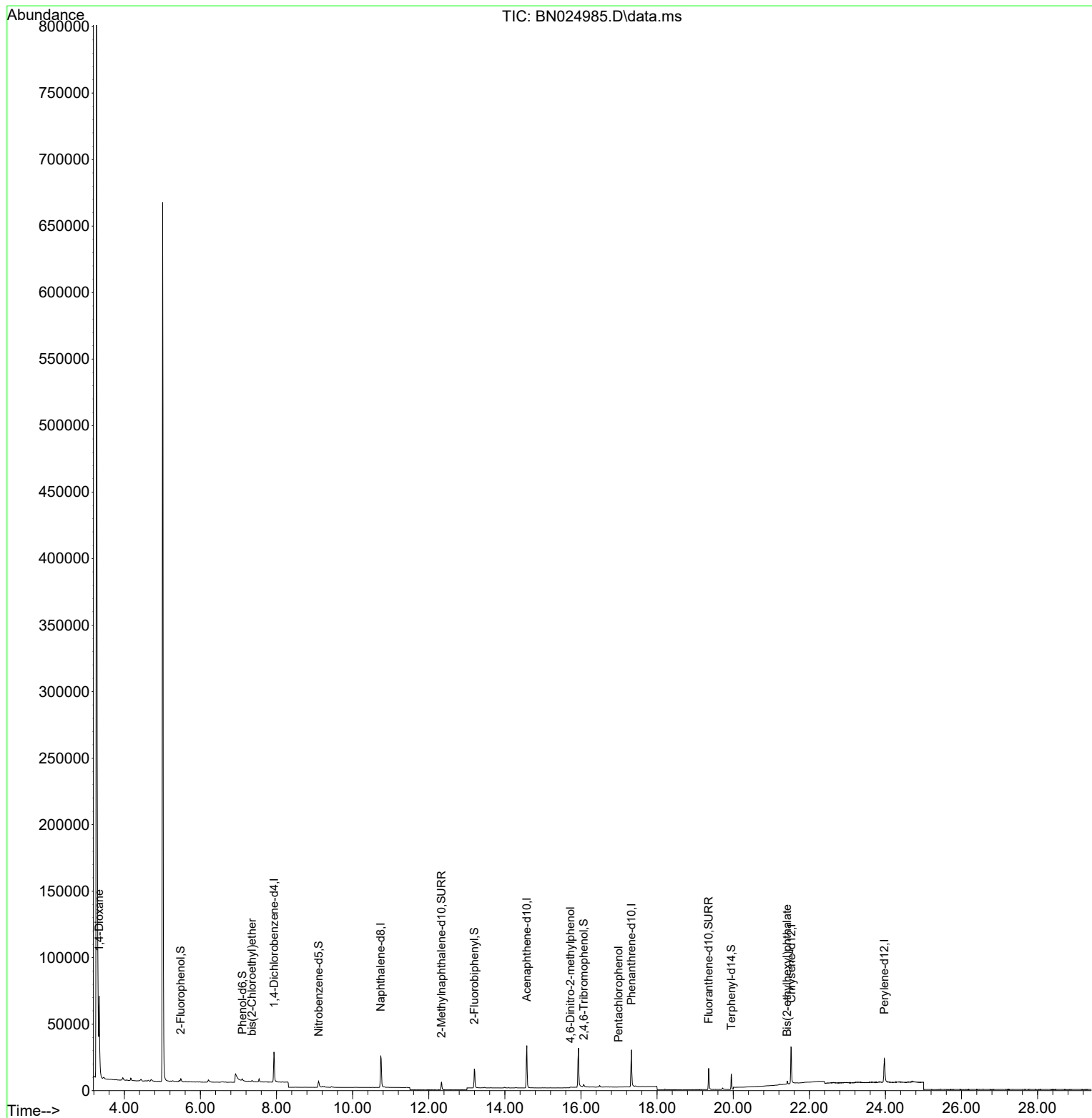
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.933	152	11242	0.400	ng	0.00
7) Naphthalene-d8	10.739	136	33808	0.400	ng	#-0.01
13) Acenaphthene-d10	14.577	164	18248	0.400	ng	0.00
19) Phenanthrene-d10	17.323	188	38463	0.400	ng	0.00
29) Chrysene-d12	21.527	240	29578	0.400	ng	0.00
35) Perylene-d12	23.971	264	25607	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.484	112	2077	0.080	ng	0.00
5) Phenol-d6	7.102	99	1480	0.045	ng	0.00
8) Nitrobenzene-d5	9.106	82	4764	0.175	ng	0.00
11) 2-Methylnaphthalene-d10	12.332	152	8882	0.198	ng	0.00
14) 2,4,6-Tribromophenol	16.070	330	1235	0.151	ng	0.00
15) 2-Fluorobiphenyl	13.197	172	13811	0.198	ng	-0.01
27) Fluoranthene-d10	19.355	212	18546	0.213	ng	0.00
31) Terphenyl-d14	19.954	244	16928	0.252	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.340	88	31797	2.574	ng	98
6) bis(2-Chloroethyl)ether	7.355	93	697	0.021	ng	96
20) 4,6-Dinitro-2-methylph...	15.722	198	3	0.175	ng	# 1
24) Pentachlorophenol	16.988	266	36	0.222	ng	# 65
34) Bis(2-ethylhexyl)phtha...	21.419	149	2556	0.048	ng	# 95

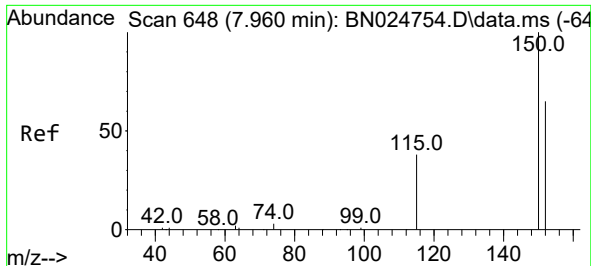
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041823\
Data File : BN024985.D
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Misc :
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Instrument :
BNA_N
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SP-100-20230413DL

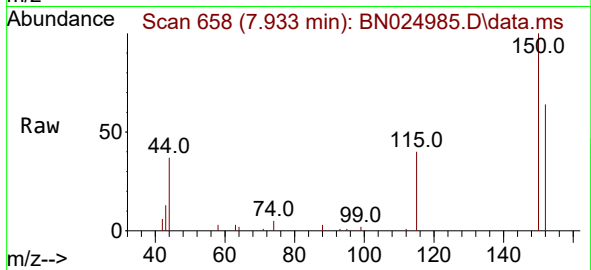
Quant Time: Apr 19 05:21:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN040523.M
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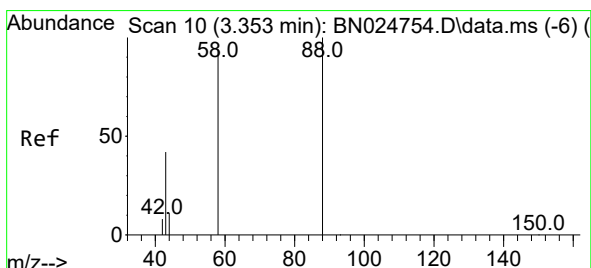
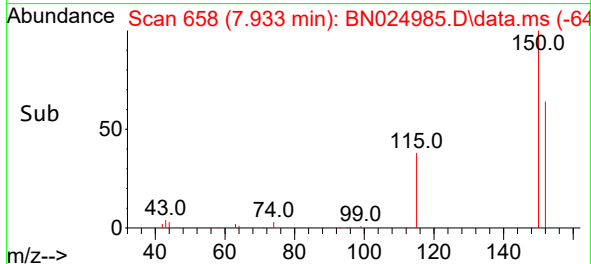
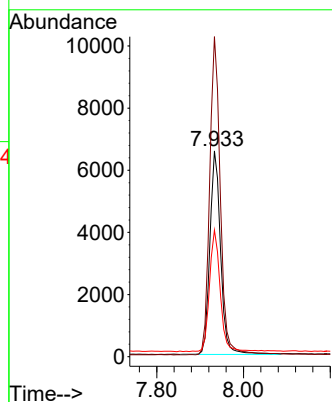


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.933 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN024985.D
Acq: 18 Apr 2023 19:06

Instrument :
BNA_N
ClientSampleId :
SP-100-20230413DL

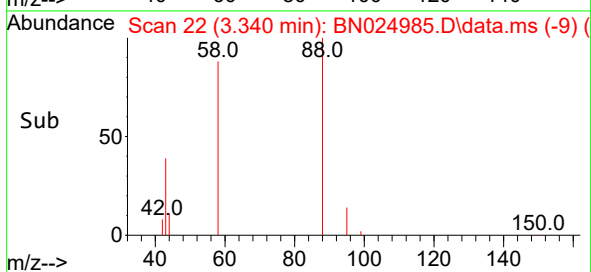
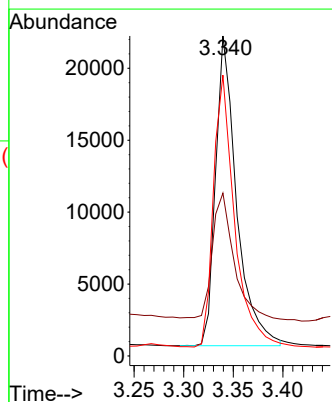
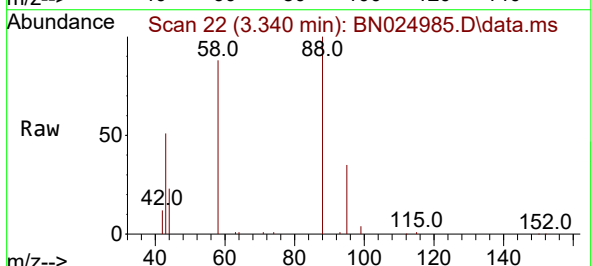


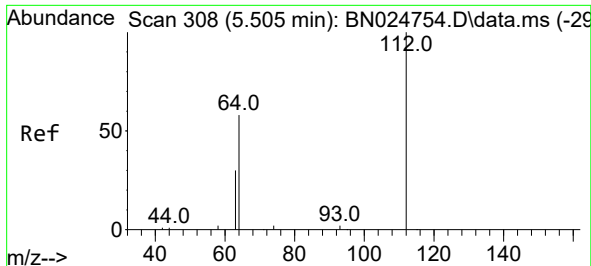
Tgt Ion:152 Resp: 11242
Ion Ratio Lower Upper
152 100
150 155.5 121.8 182.8
115 61.5 48.3 72.5



#2
1,4-Dioxane
Concen: 2.574 ng
RT: 3.340 min Scan# 22
Delta R.T. -0.007 min
Lab File: BN024985.D
Acq: 18 Apr 2023 19:06

Tgt Ion: 88 Resp: 31797
Ion Ratio Lower Upper
88 100
43 41.3 35.2 52.8
58 87.8 71.4 107.2

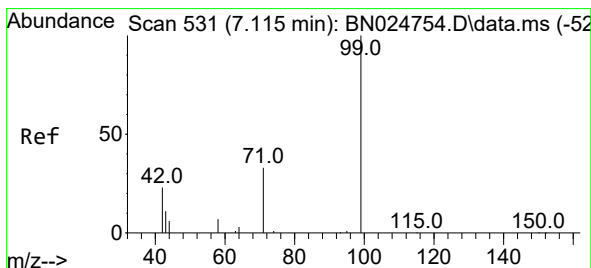
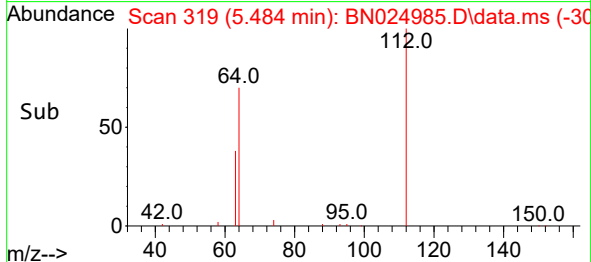
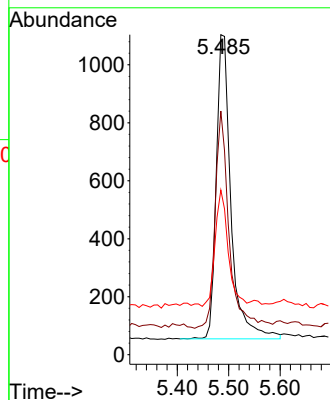
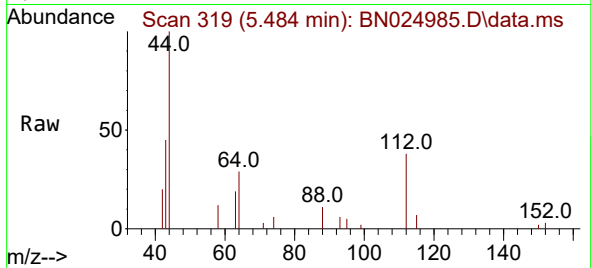




#4
2-Fluorophenol
Concen: 0.080 ng
RT: 5.484 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN024985.D
Acq: 18 Apr 2023 19:06

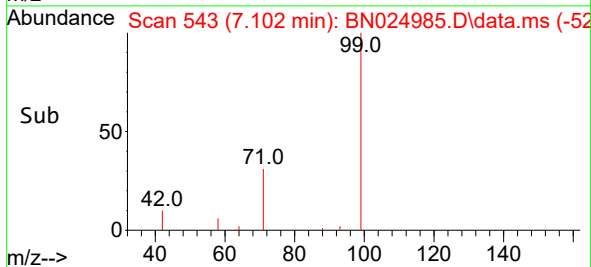
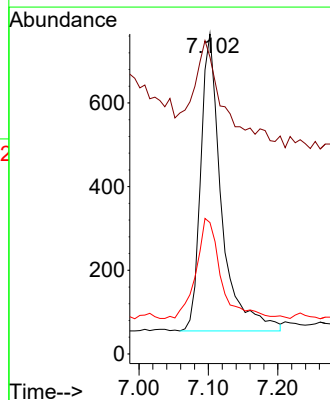
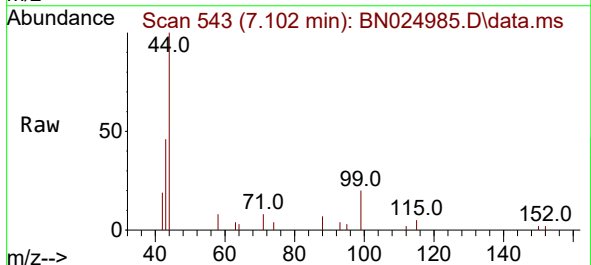
Instrument :
BNA_N
ClientSampleId :
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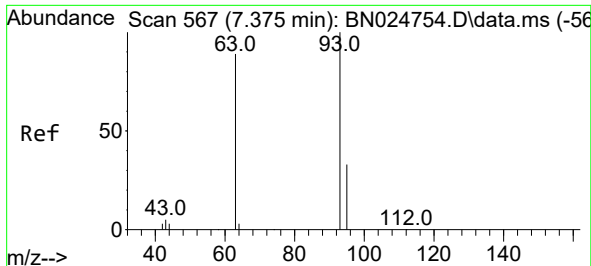
Tgt Ion:112 Resp: 2077
Ion Ratio Lower Upper
112 100
64 68.7 52.5 78.7
63 33.9 27.9 41.9



#5
Phenol-d6
Concen: 0.045 ng
RT: 7.102 min Scan# 543
Delta R.T. 0.000 min
Lab File: BN024985.D
Acq: 18 Apr 2023 19:06

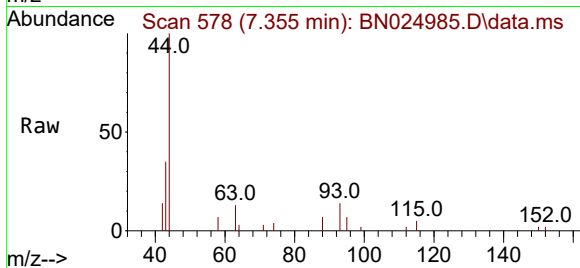
Tgt Ion: 99 Resp: 1480
Ion Ratio Lower Upper
99 100
42 44.4 22.8 34.2#
71 40.0 28.2 42.2



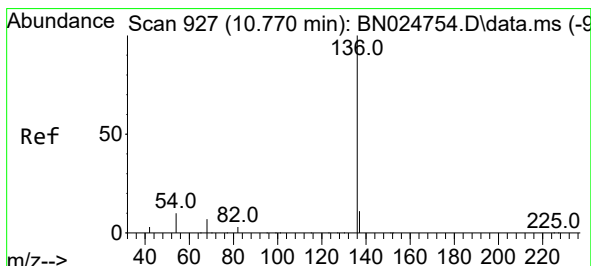
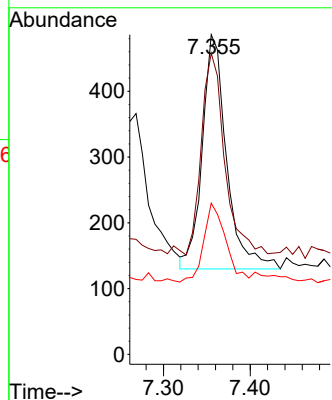
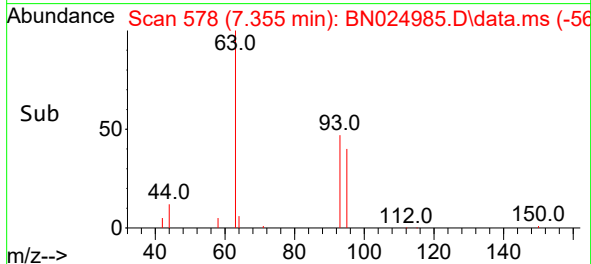


#6
bis(2-Chloroethyl)ether
Concen: 0.021 ng
RT: 7.355 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN024985.D
Acq: 18 Apr 2023 19:06

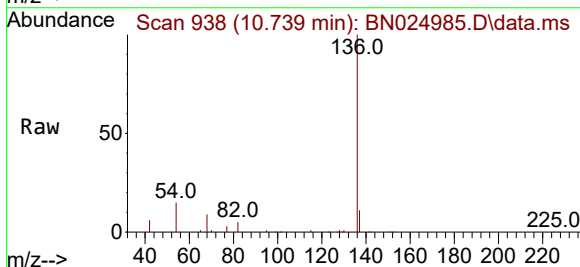
Instrument :
BNA_N
ClientSampleId :
SP-100-20230413DL



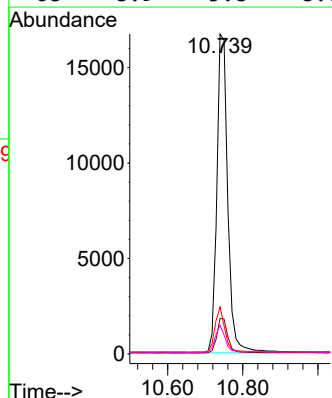
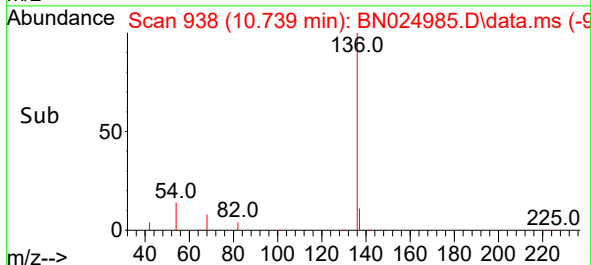
Tgt Ion: 93 Resp: 697
Ion Ratio Lower Upper
93 100
63 81.6 68.8 103.2
95 30.3 25.4 38.2

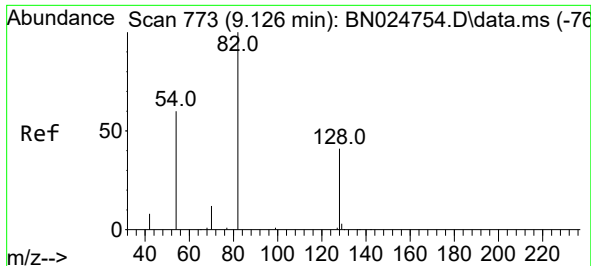


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.739 min Scan# 938
Delta R.T. -0.011 min
Lab File: BN024985.D
Acq: 18 Apr 2023 19:06



Tgt Ion: 136 Resp: 33808
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 14.7 8.2 12.4#
68 8.9 5.8 8.6#

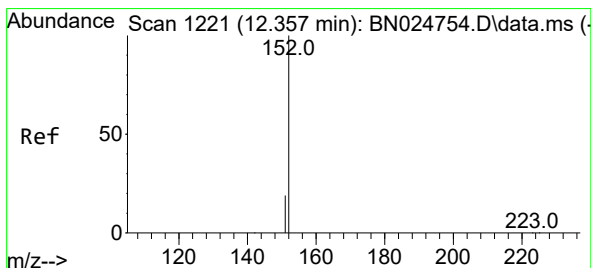
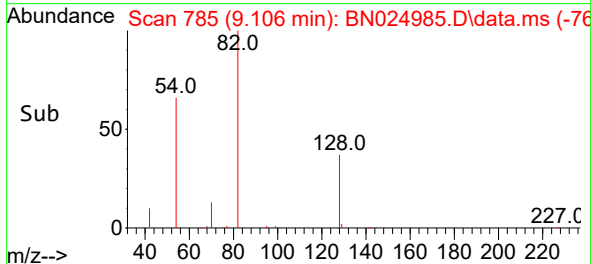
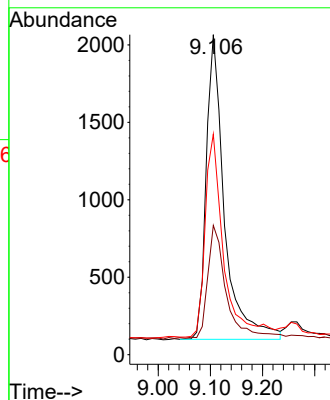
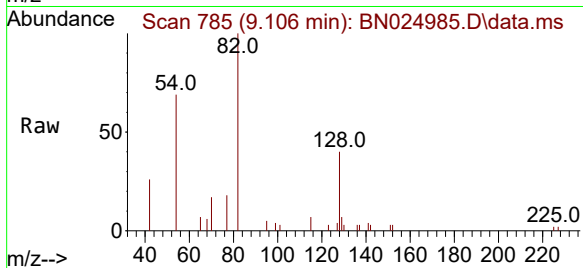




#8
Nitrobenzene-d5
Concen: 0.175 ng
RT: 9.106 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN024985.D
Acq: 18 Apr 2023 19:06

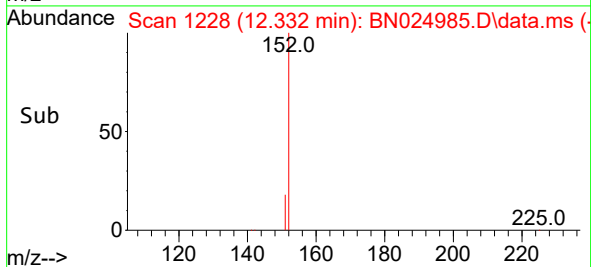
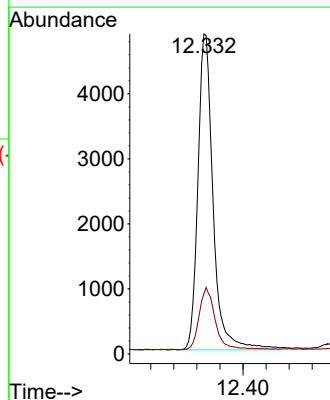
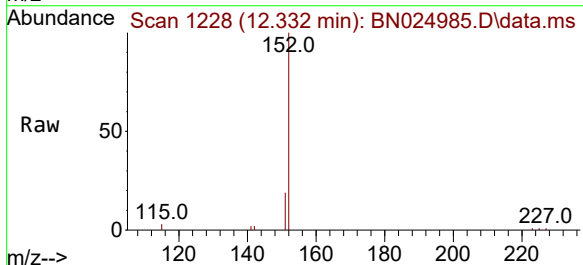
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BNA_N
ClientSampleId :
SP-100-20230413DL

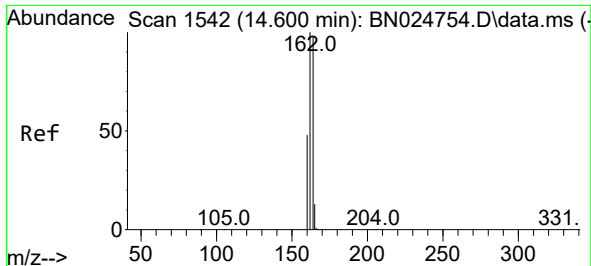
Tgt Ion: 82 Resp: 4764
Ion Ratio Lower Upper
82 100
128 40.4 33.8 50.6
54 68.9 49.4 74.0



#11
2-Methylnaphthalene-d10
Concen: 0.198 ng
RT: 12.332 min Scan# 1228
Delta R.T. -0.004 min
Lab File: BN024985.D
Acq: 18 Apr 2023 19:06

Tgt Ion: 152 Resp: 8882
Ion Ratio Lower Upper
152 100
151 20.8 16.6 25.0

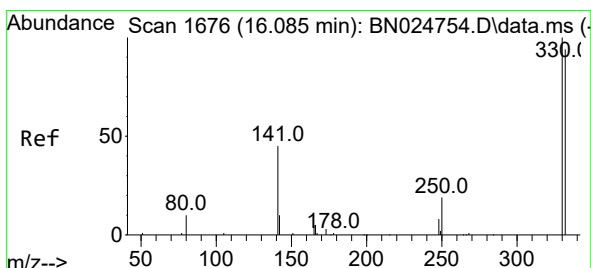
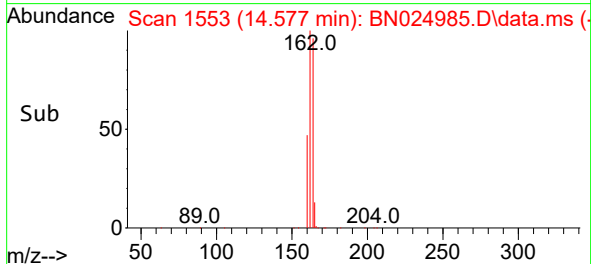
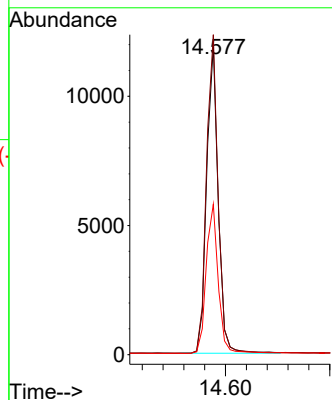
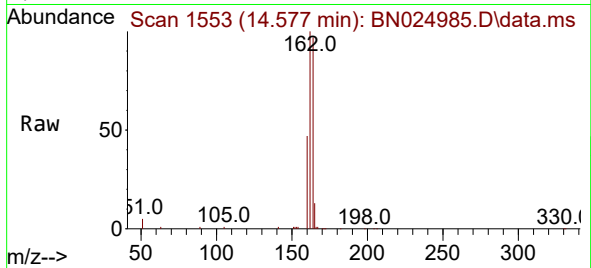




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.577 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN024985.D
Acq: 18 Apr 2023 19:06

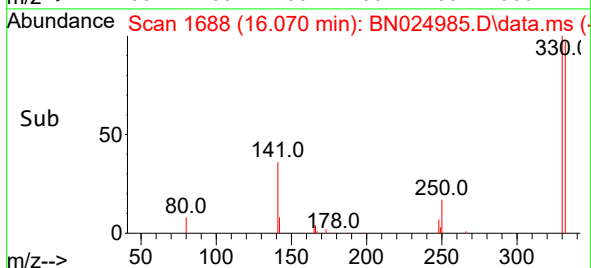
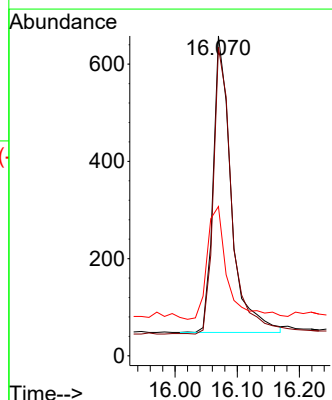
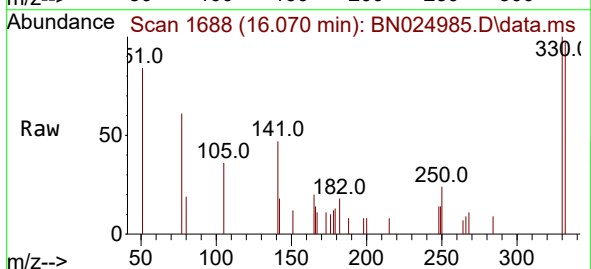
Instrument :
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ClientSampleId :
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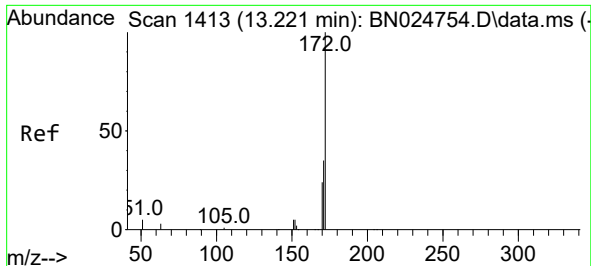
Tgt Ion:164 Resp: 18248
Ion Ratio Lower Upper
164 100
162 103.5 81.9 122.9
160 48.7 39.2 58.8



#14
2,4,6-Tribromophenol
Concen: 0.151 ng
RT: 16.070 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN024985.D
Acq: 18 Apr 2023 19:06

Tgt Ion:330 Resp: 1235
Ion Ratio Lower Upper
330 100
332 97.7 77.9 116.9
141 43.2 31.0 46.6

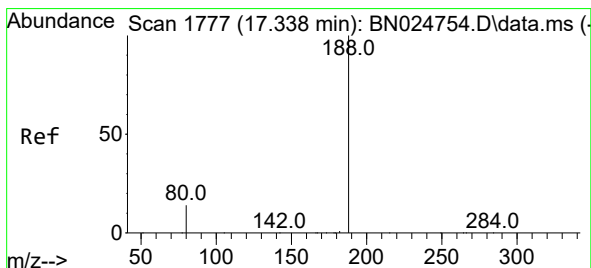
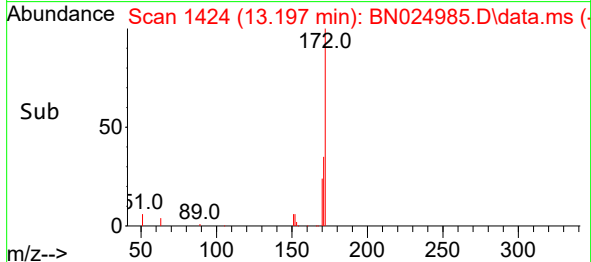
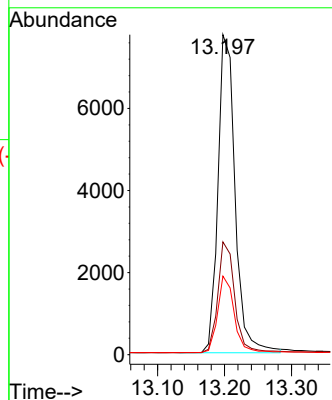
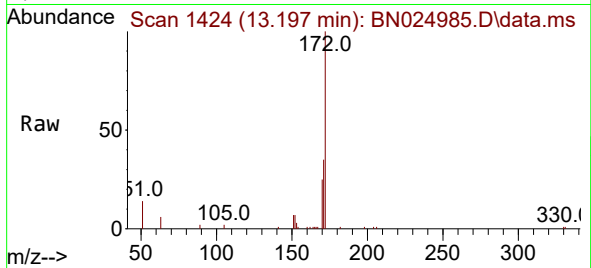




#15
2-Fluorobiphenyl
Concen: 0.198 ng
RT: 13.197 min Scan# 1413
Delta R.T. -0.011 min
Lab File: BN024985.D
Acq: 18 Apr 2023 19:06

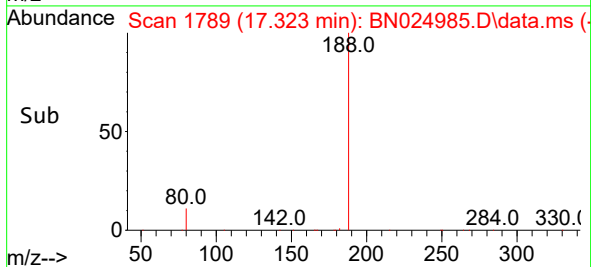
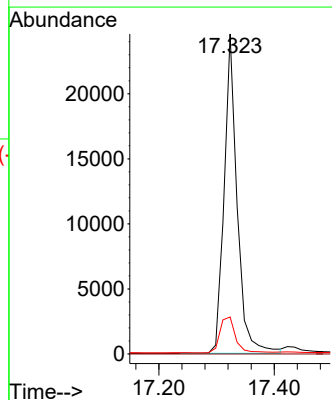
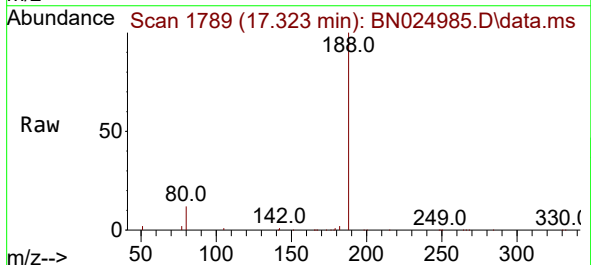
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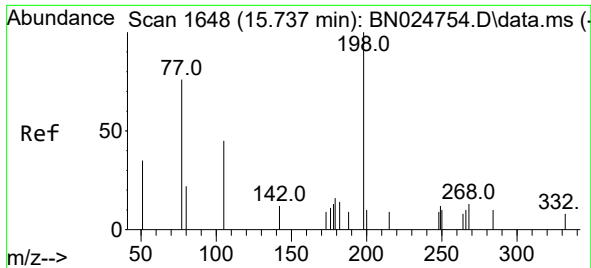
Tgt Ion:172 Resp: 13811
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 24.6 19.2 28.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.323 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BN024985.D
Acq: 18 Apr 2023 19:06

Tgt Ion:188 Resp: 38463
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.6 11.3 16.9

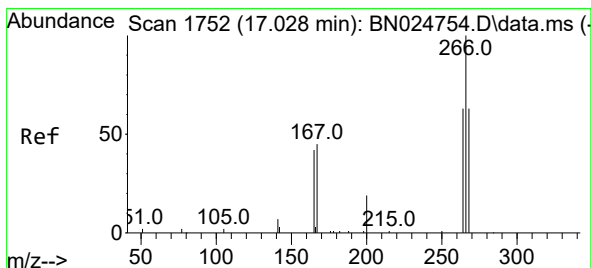
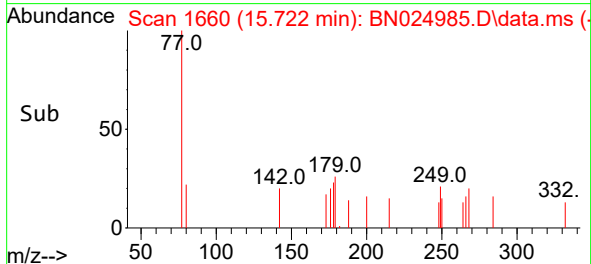
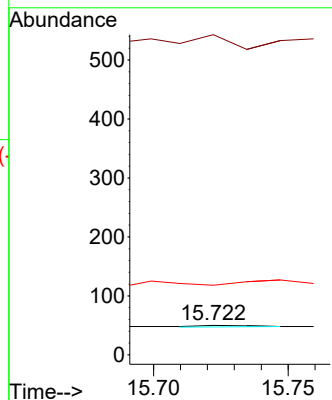
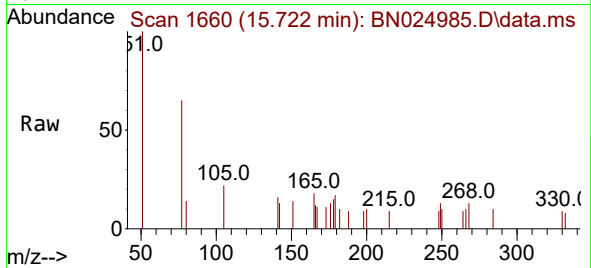




#20
4,6-Dinitro-2-methylphenol
Concen: 0.175 ng
RT: 15.722 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN024985.D
Acq: 18 Apr 2023 19:06

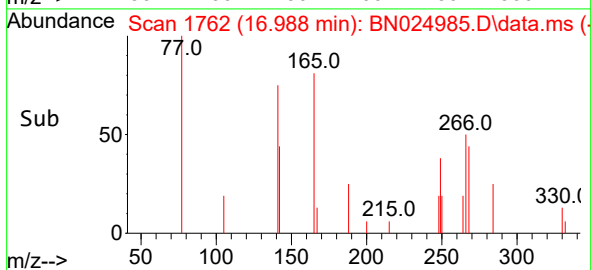
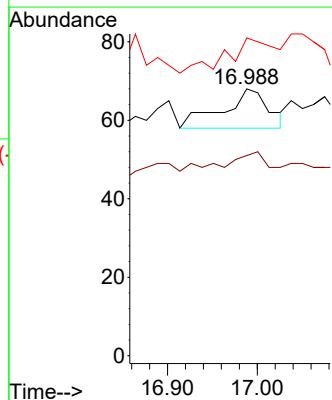
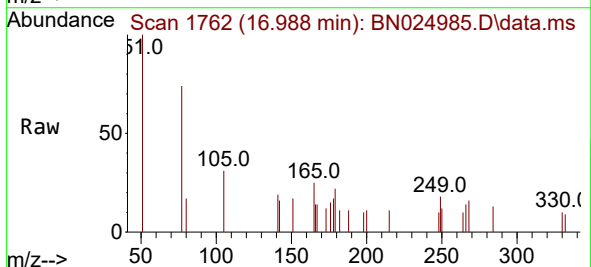
Instrument :
BNA_N
ClientSampleId :
SP-100-20230413DL

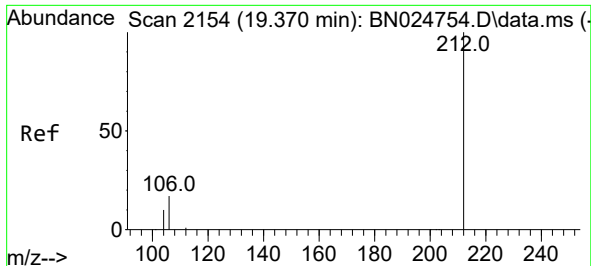
Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 1086.0 99.8 149.8#
105 236.0 49.4 74.0#



#24
Pentachlorophenol
Concen: 0.222 ng
RT: 16.988 min Scan# 1762
Delta R.T. 0.012 min
Lab File: BN024985.D
Acq: 18 Apr 2023 19:06

Tgt Ion:266 Resp: 36
Ion Ratio Lower Upper
266 100
264 41.7 46.1 69.1#
268 94.4 46.7 70.1#

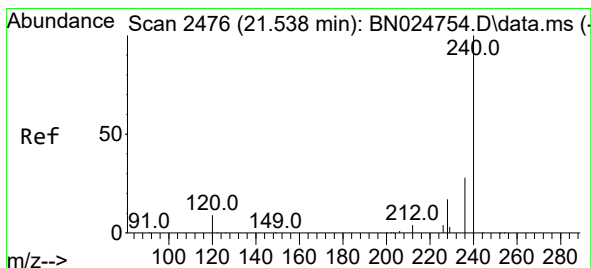
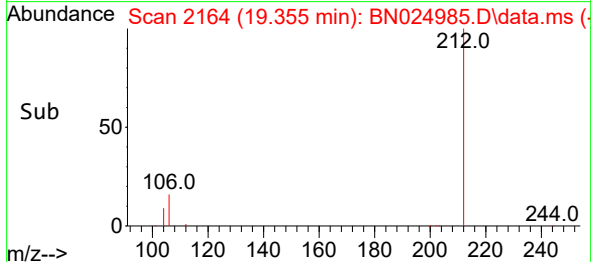
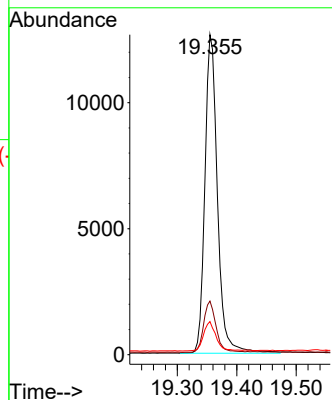
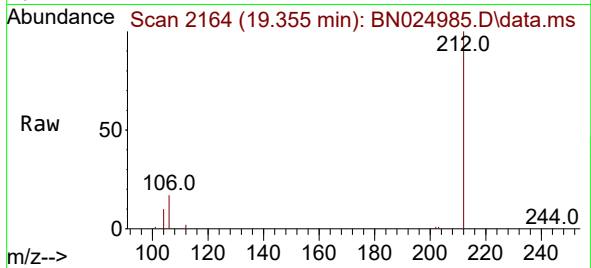




#27
Fluoranthene-d10
Concen: 0.213 ng
RT: 19.355 min Scan# 2154
Delta R.T. -0.004 min
Lab File: BN024985.D
Acq: 18 Apr 2023 19:06

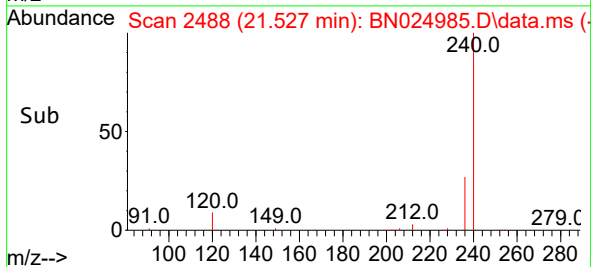
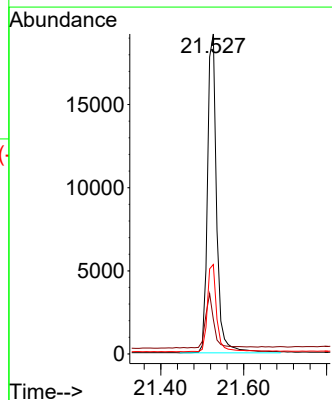
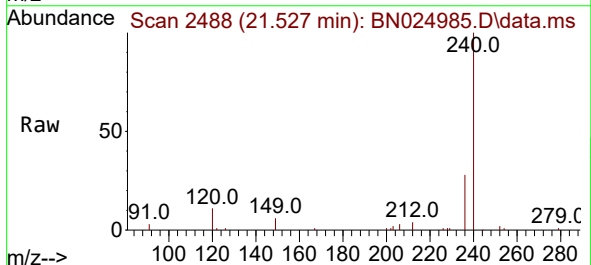
Instrument :
BNA_N
ClientSampleId :
SP-100-20230413DL

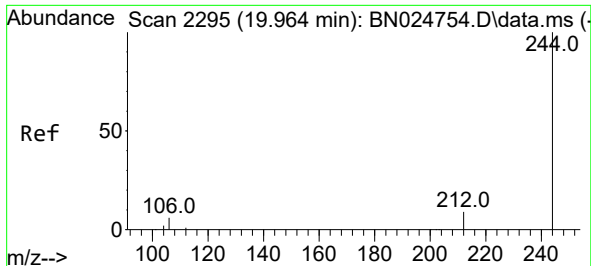
Tgt Ion:212 Resp: 18546
Ion Ratio Lower Upper
212 100
106 16.0 13.2 19.8
104 9.1 7.6 11.4



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.527 min Scan# 2488
Delta R.T. 0.005 min
Lab File: BN024985.D
Acq: 18 Apr 2023 19:06

Tgt Ion:240 Resp: 29578
Ion Ratio Lower Upper
240 100
120 10.8 8.8 13.2
236 28.0 22.6 34.0

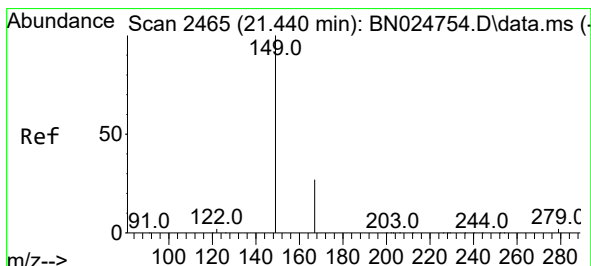
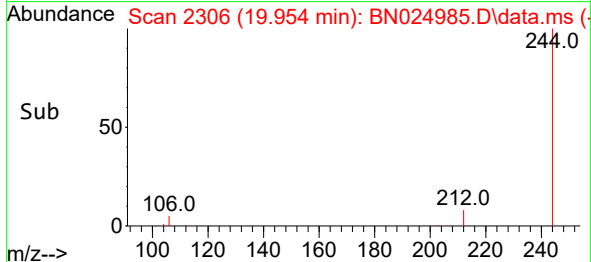
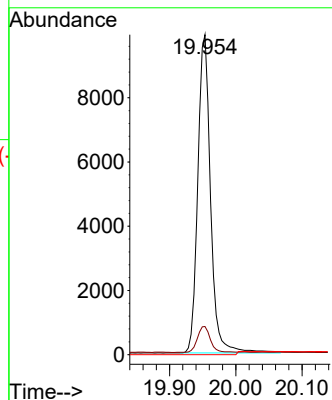
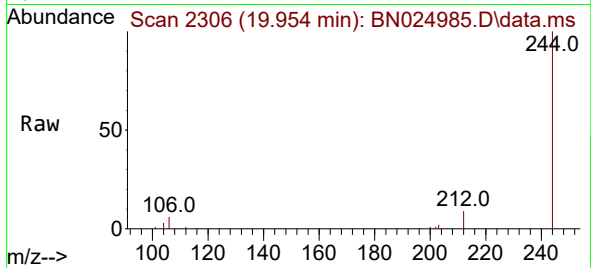




#31
 Terphenyl-d14
 Concen: 0.252 ng
 RT: 19.954 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN024985.D
 Acq: 18 Apr 2023 19:06

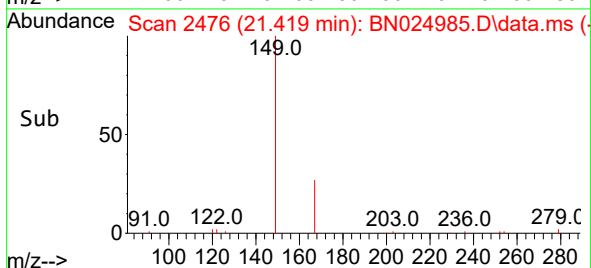
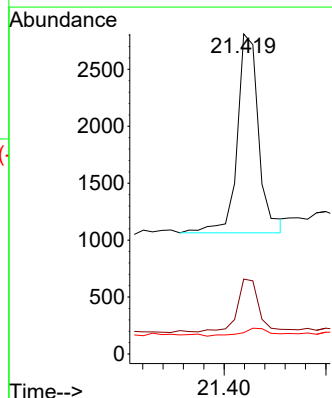
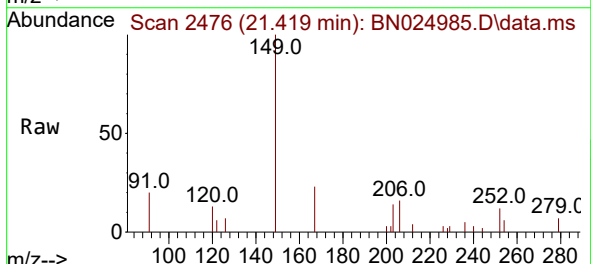
Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20230413DL

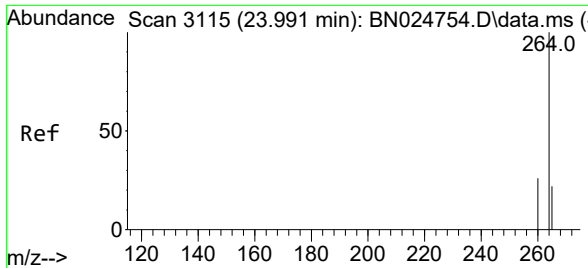
Tgt Ion:244 Resp: 16928
 Ion Ratio Lower Upper
 244 100
 212 8.8 7.4 11.0
 122 0.0 0.0 0.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.048 ng
 RT: 21.419 min Scan# 2476
 Delta R.T. -0.004 min
 Lab File: BN024985.D
 Acq: 18 Apr 2023 19:06

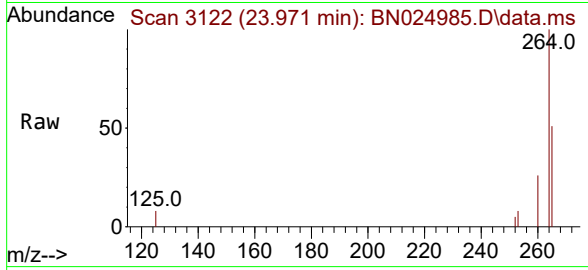
Tgt Ion:149 Resp: 2556
 Ion Ratio Lower Upper
 149 100
 167 29.2 21.4 32.2
 279 5.4 2.6 4.0#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.971 min Scan# 31
 Delta R.T. -0.001 min
 Lab File: BN024985.D
 Acq: 18 Apr 2023 19:06

Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20230413DL



Tgt Ion:264 Resp: 25607
 Ion Ratio Lower Upper
 264 100
 260 26.0 20.8 31.2
 265 50.9 46.5 69.7

