

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110422\
 Data File : BN022514.D
 Acq On : 04 Nov 2022 19:00
 Operator : CG/JU
 Sample : N5414-01DL 20X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW3DL

Quant Time: Nov 05 01:58:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 03:28:17 2022
 Response via : Initial Calibration

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

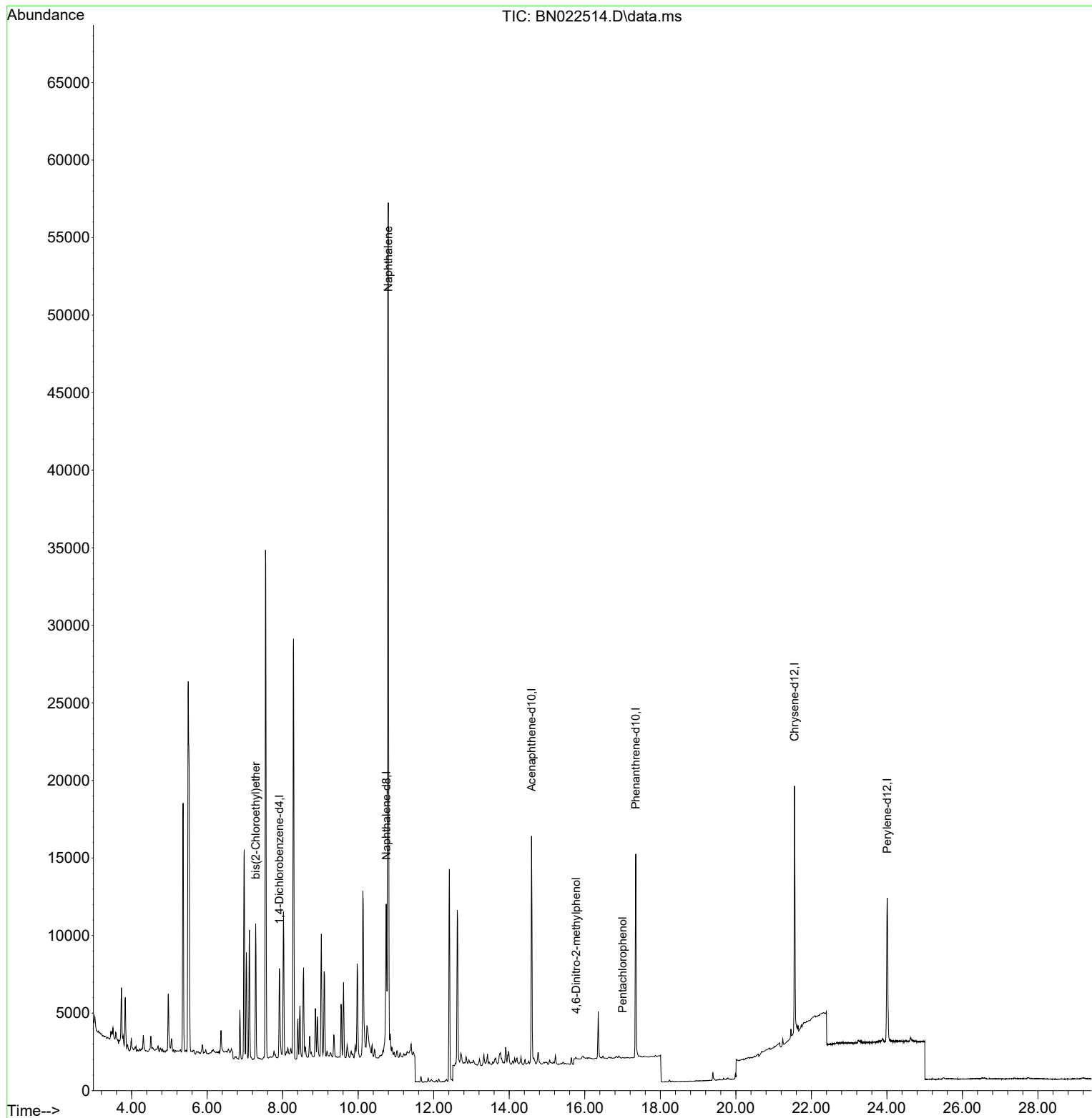
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.913	152	2832	0.400	ng	0.00
7) Naphthalene-d8	10.741	136	12844	0.400	ng	-0.01
13) Acenaphthene-d10	14.589	164	8121	0.400	ng	-0.01
19) Phenanthrene-d10	17.350	188	17413	0.400	ng	# 0.00
29) Chrysene-d12	21.555	240	14023	0.400	ng	0.00
35) Perylene-d12	24.008	264	13749	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.436	112	106	0.013	ng	-0.01
5) Phenol-d6	7.119	99	112	0.011	ng	0.03
8) Nitrobenzene-d5	9.097	82	107	0.009	ng	-0.01
11) 2-Methylnaphthalene-d10	12.342	152	193	0.009	ng	0.00
14) 2,4,6-Tribromophenol	16.096	330	47	0.011	ng	0.00
15) 2-Fluorobiphenyl	13.210	172	353	0.010	ng	-0.01
27) Fluoranthene-d10	19.390	212	532	0.011	ng	0.00
31) Terphenyl-d14	19.989	244	523	0.012	ng	0.00
Target Compounds						Qvalue
6) bis(2-Chloroethyl)ether	7.285	93	544	0.060	ng	# 1
9) Naphthalene	10.795	128	75873	1.950	ng	97
20) 4,6-Dinitro-2-methylph...	15.774	198	7	0.233	ng	# 1
24) Pentachlorophenol	17.003	266	26	0.174	ng	# 88

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

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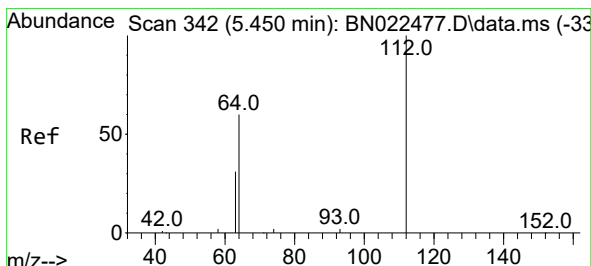
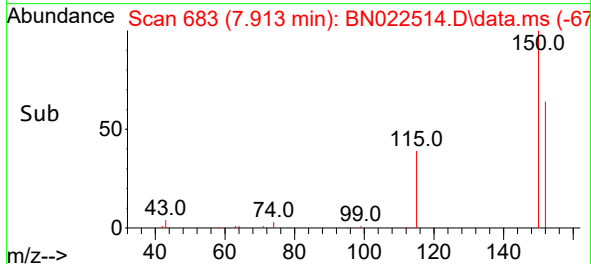
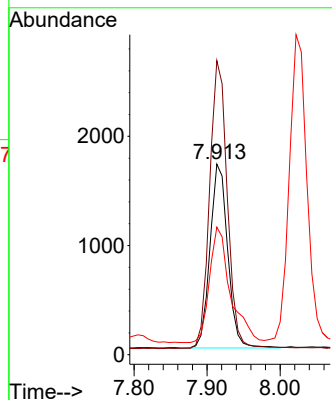
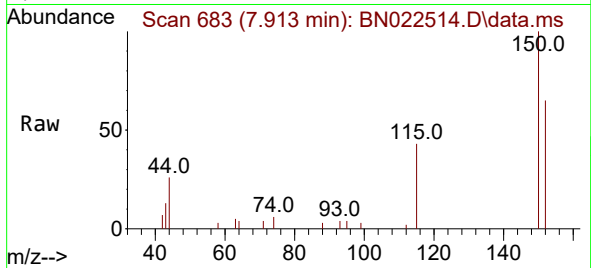




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.913 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN022514.D
Acq: 04 Nov 2022 19:00

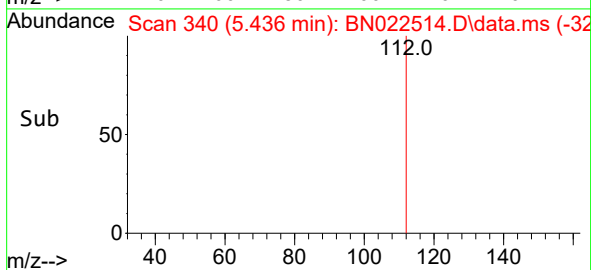
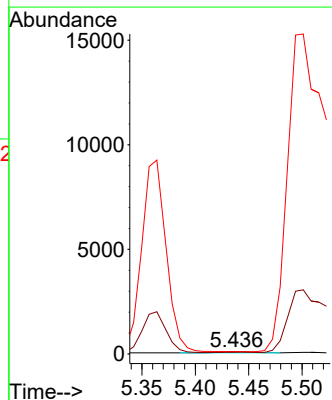
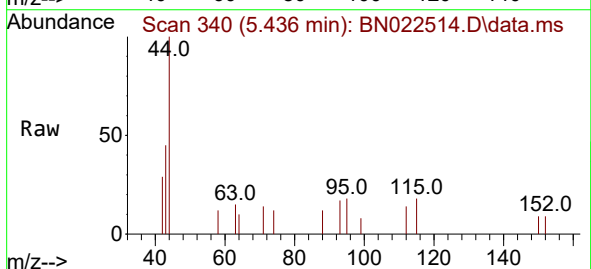
Instrument :
BNA_N
ClientSampleId :
MW3DL

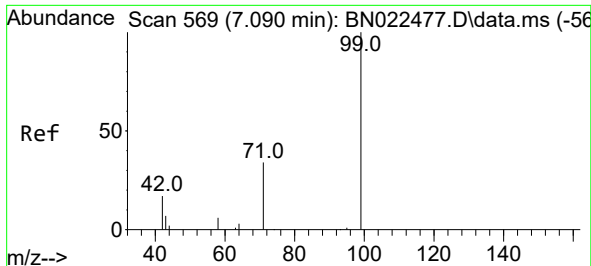
Tgt Ion:152 Resp: 2832
Ion Ratio Lower Upper
152 100
150 154.4 123.4 185.2
115 66.9 54.9 82.3



#4
2-Fluorophenol
Concen: 0.013 ng
RT: 5.436 min Scan# 340
Delta R.T. -0.014 min
Lab File: BN022514.D
Acq: 04 Nov 2022 19:00

Tgt Ion:112 Resp: 106
Ion Ratio Lower Upper
112 100
64 0.0 47.1 70.7#
63 0.0 24.6 36.8#

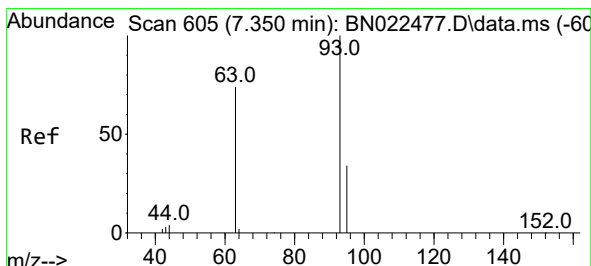
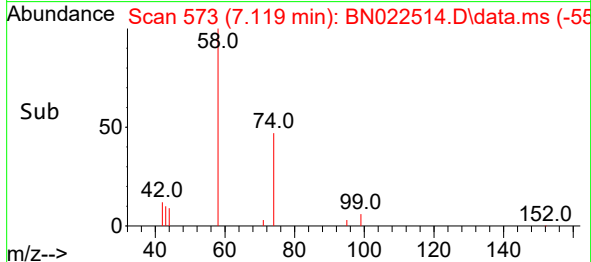
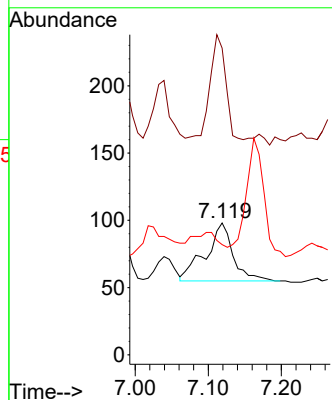
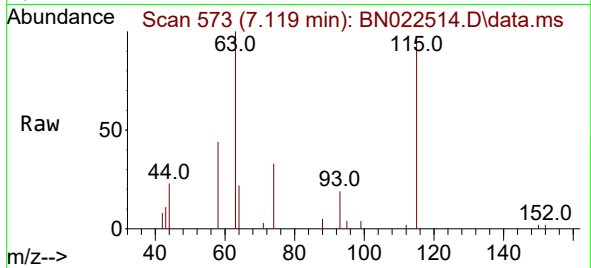




#5
Phenol-d6
Concen: 0.011 ng
RT: 7.119 min Scan# 511
Delta R.T. 0.029 min
Lab File: BN022514.D
Acq: 04 Nov 2022 19:00

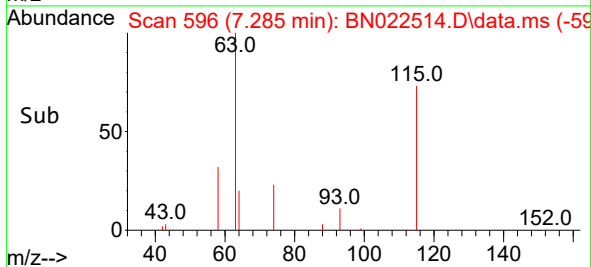
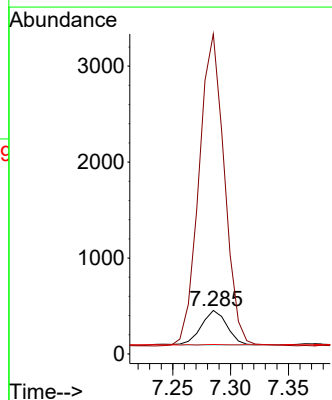
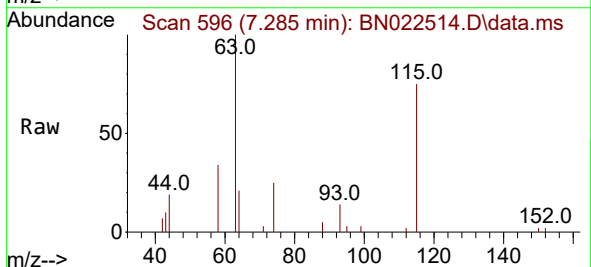
Instrument :
BNA_N
ClientSampleId :
MW3DL

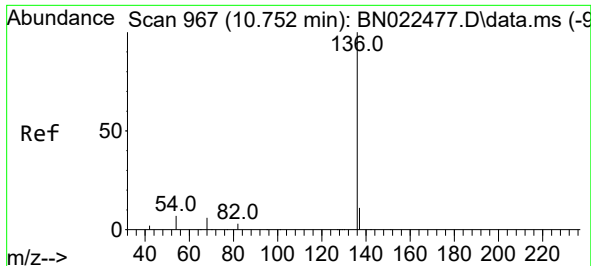
Tgt Ion: 99 Resp: 112
Ion Ratio Lower Upper
99 100
42 108.9 14.7 22.1#
71 0.0 27.0 40.6#



#6
bis(2-Chloroethyl)ether
Concen: 0.060 ng
RT: 7.285 min Scan# 596
Delta R.T. -0.065 min
Lab File: BN022514.D
Acq: 04 Nov 2022 19:00

Tgt Ion: 93 Resp: 544
Ion Ratio Lower Upper
93 100
63 908.6 61.2 91.8#
95 1.7 25.7 38.5#

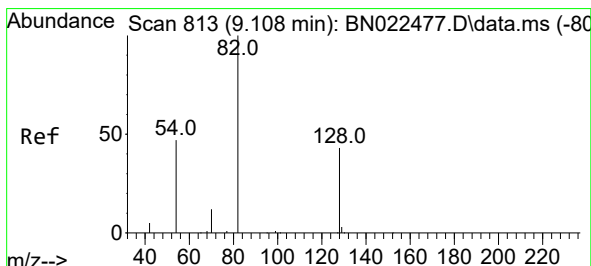
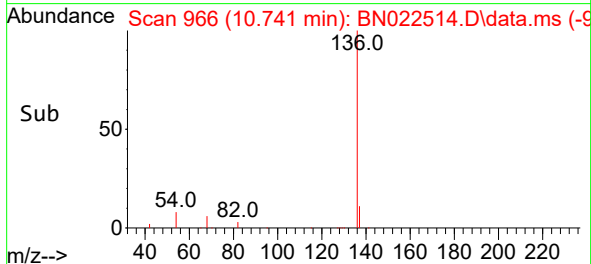
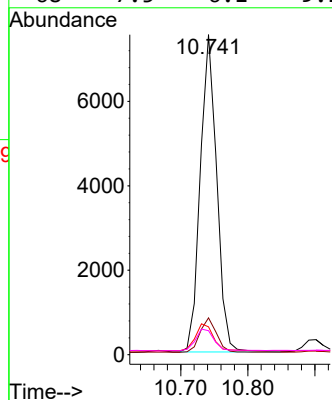
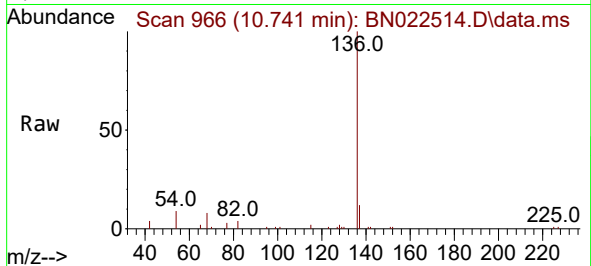




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.741 min Scan# 90
Delta R.T. -0.011 min
Lab File: BN022514.D
Acq: 04 Nov 2022 19:00

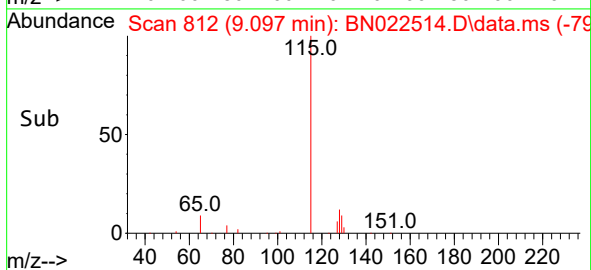
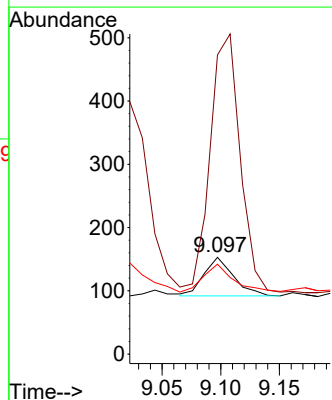
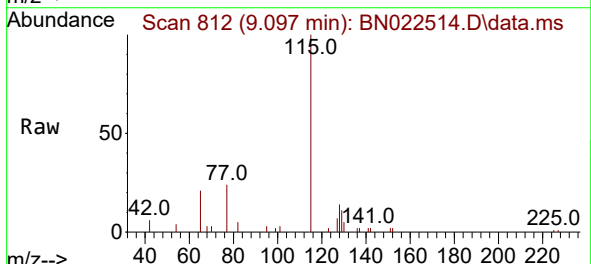
Instrument :
BNA_N
ClientSampleId :
MW3DL

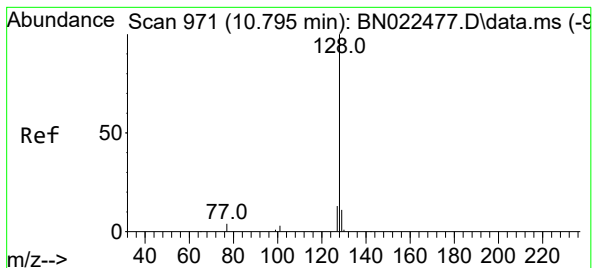
Tgt Ion:136 Resp: 12844
Ion Ratio Lower Upper
136 100
137 11.5 9.5 14.3
54 8.7 7.1 10.7
68 7.5 6.1 9.1



#8
Nitrobenzene-d5
Concen: 0.009 ng
RT: 9.097 min Scan# 812
Delta R.T. -0.011 min
Lab File: BN022514.D
Acq: 04 Nov 2022 19:00

Tgt Ion: 82 Resp: 107
Ion Ratio Lower Upper
82 100
128 309.2 37.3 55.9#
54 92.8 40.0 60.0#





#9

Naphthalene

Concen: 1.950 ng

RT: 10.795 min Scan# 91

Delta R.T. 0.000 min

Lab File: BN022514.D

Acq: 04 Nov 2022 19:00

Instrument :

BNA_N

ClientSampleId :

MW3DL

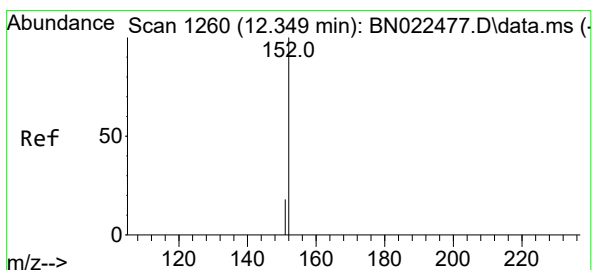
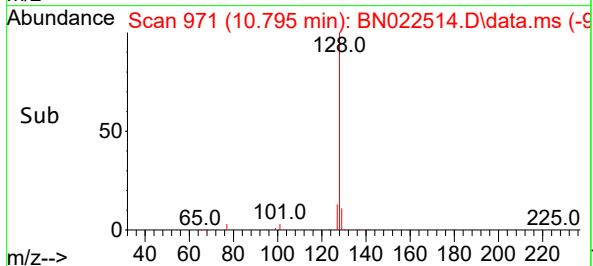
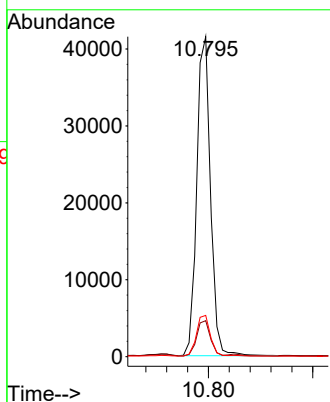
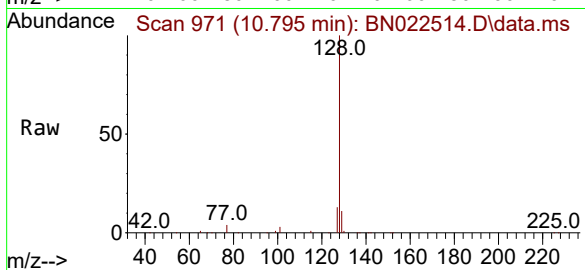
Tgt Ion:128 Resp: 75873

Ion Ratio Lower Upper

128 100

129 11.3 9.8 14.6

127 12.9 11.4 17.2



#11

2-Methylnaphthalene-d10

Concen: 0.009 ng

RT: 12.342 min Scan# 1258

Delta R.T. -0.007 min

Lab File: BN022514.D

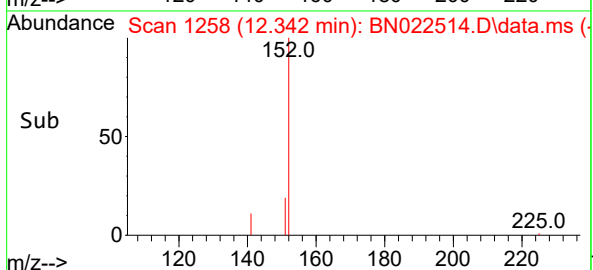
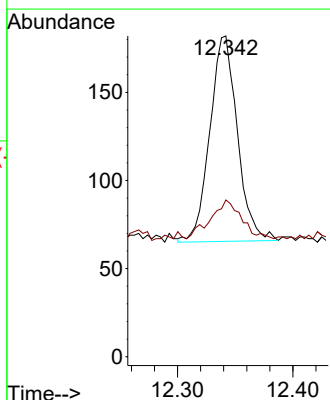
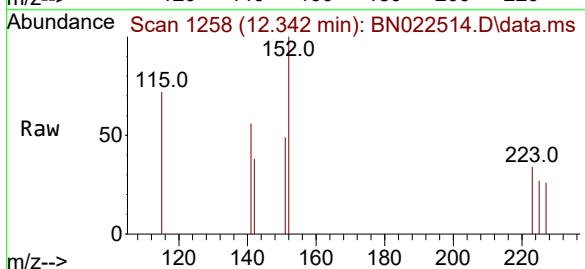
Acq: 04 Nov 2022 19:00

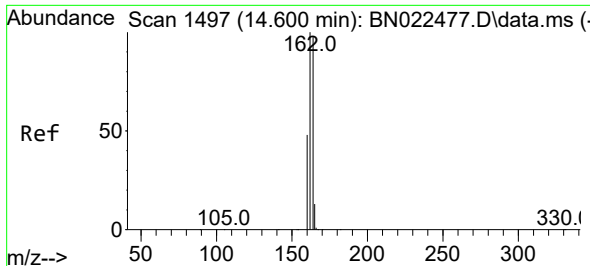
Tgt Ion:152 Resp: 193

Ion Ratio Lower Upper

152 100

151 22.3 16.6 25.0

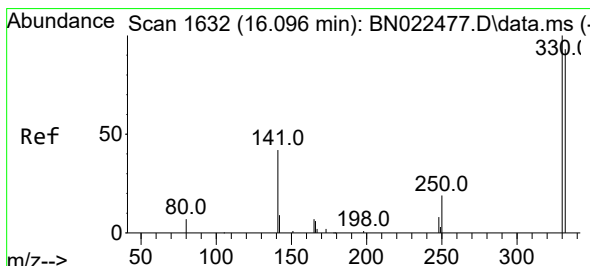
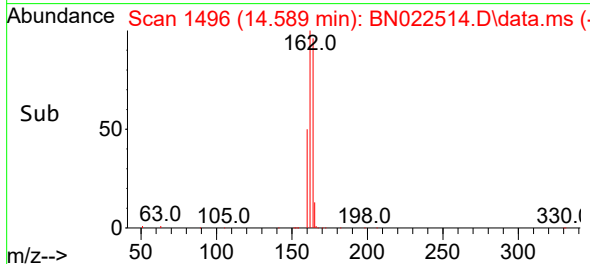
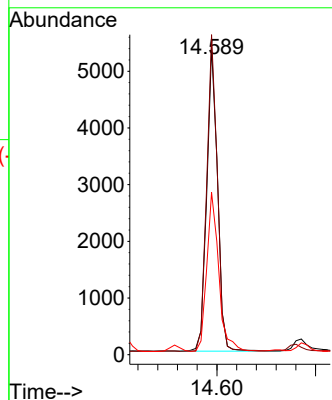
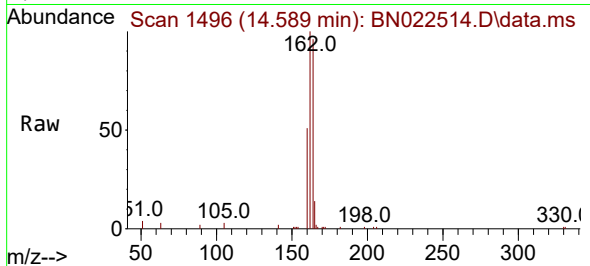




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.589 min Scan# 1496
Delta R.T. -0.011 min
Lab File: BN022514.D
Acq: 04 Nov 2022 19:00

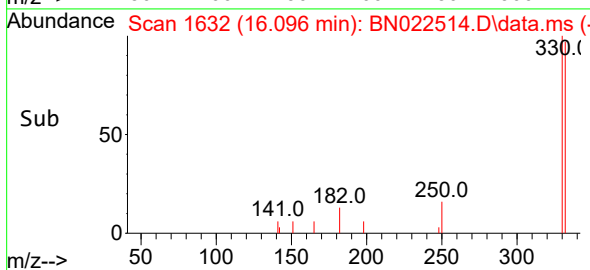
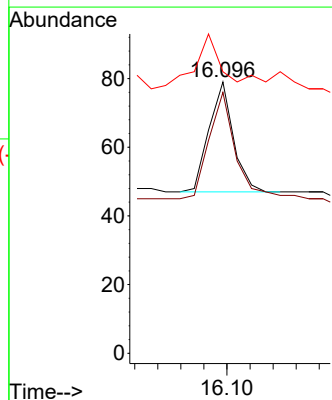
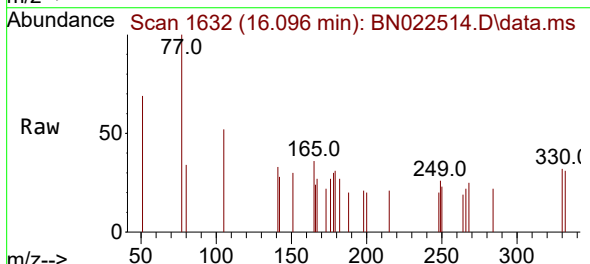
Instrument :
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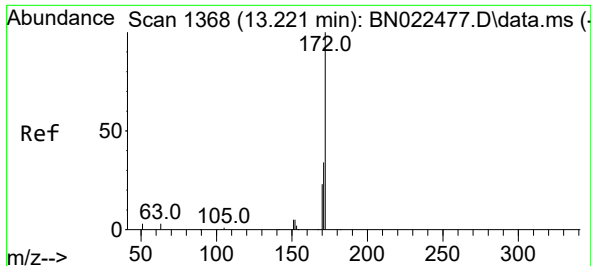
Tgt Ion:164 Resp: 8121
Ion Ratio Lower Upper
164 100
162 104.1 82.0 123.0
160 52.8 39.4 59.2



#14
2,4,6-Tribromophenol
Concen: 0.011 ng
RT: 16.096 min Scan# 1632
Delta R.T. 0.000 min
Lab File: BN022514.D
Acq: 04 Nov 2022 19:00

Tgt Ion:330 Resp: 47
Ion Ratio Lower Upper
330 100
332 106.4 77.8 116.8
141 53.2 35.0 52.6#

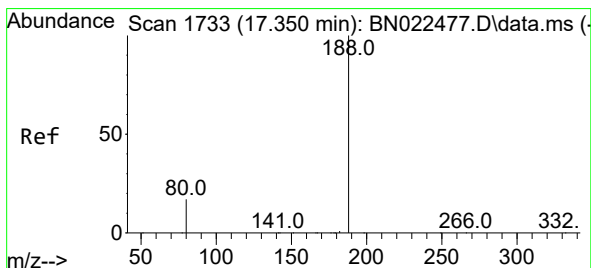
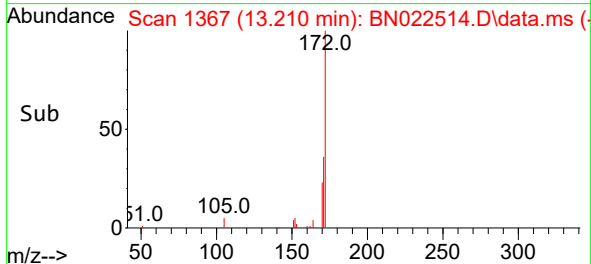
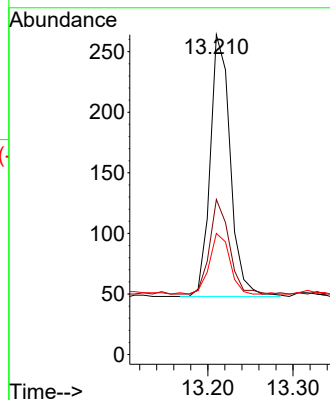
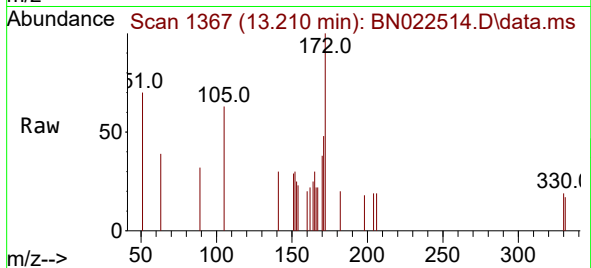




#15
2-Fluorobiphenyl
Concen: 0.010 ng
RT: 13.210 min Scan# 1367
Delta R.T. -0.011 min
Lab File: BN022514.D
Acq: 04 Nov 2022 19:00

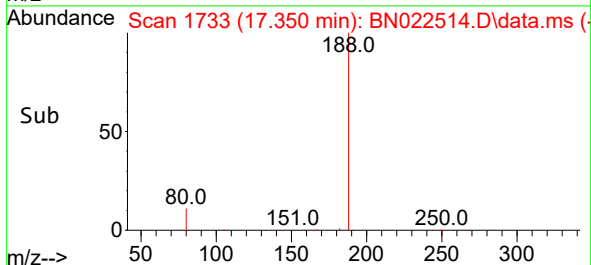
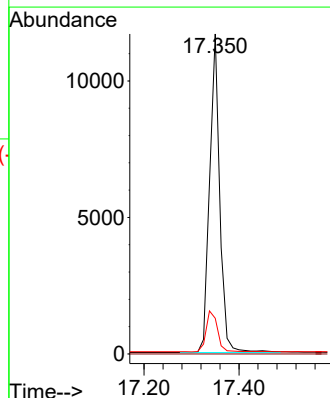
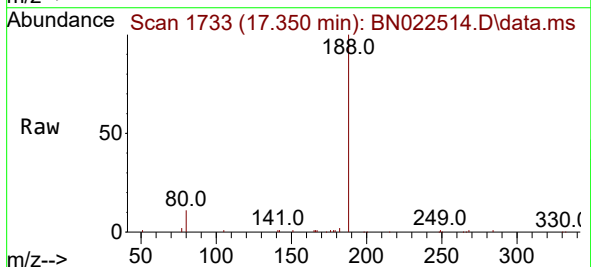
Instrument :
BNA_N
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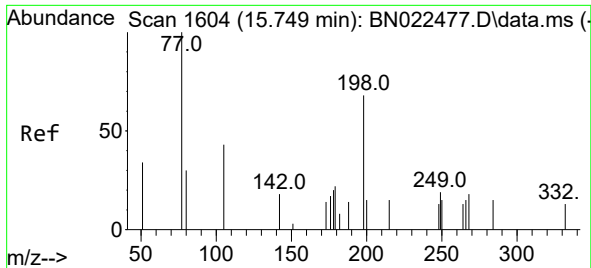
Tgt Ion:172 Resp: 353
Ion Ratio Lower Upper
172 100
171 48.5 27.9 41.9#
170 37.9 19.2 28.8#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.350 min Scan# 1733
Delta R.T. 0.000 min
Lab File: BN022514.D
Acq: 04 Nov 2022 19:00

Tgt Ion:188 Resp: 17413
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.2 14.6 21.8#

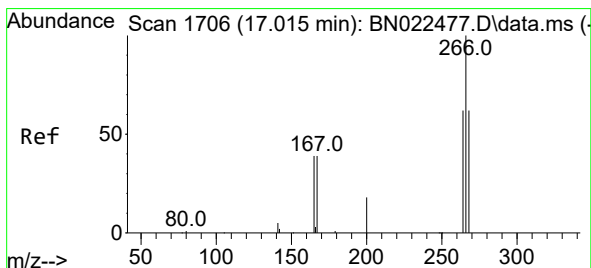
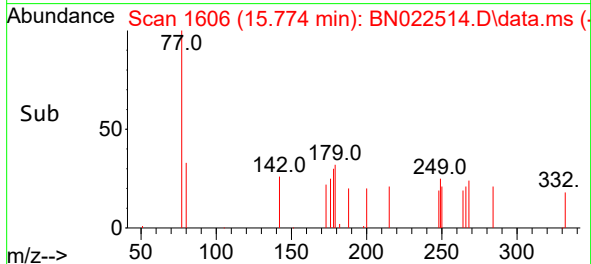
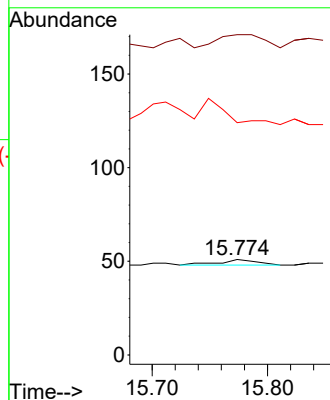
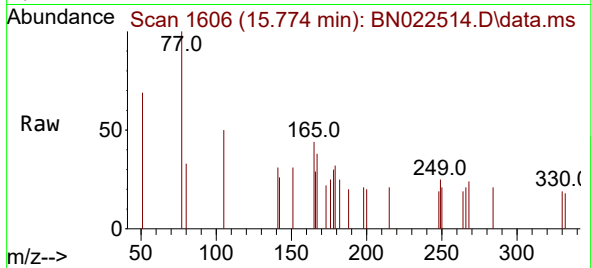




#20
4,6-Dinitro-2-methylphenol
Concen: 0.233 ng
RT: 15.774 min Scan# 1
Delta R.T. 0.025 min
Lab File: BN022514.D
Acq: 04 Nov 2022 19:00

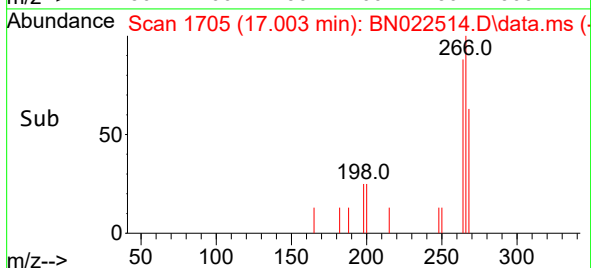
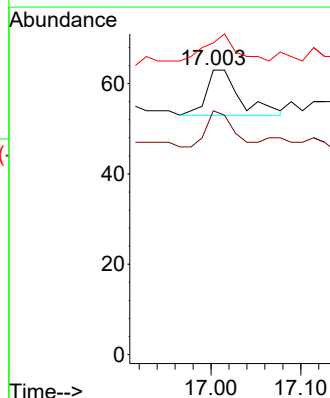
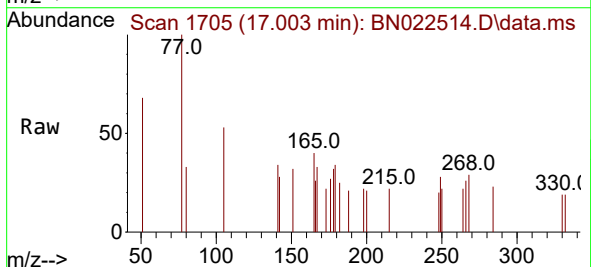
Instrument :
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MW3DL

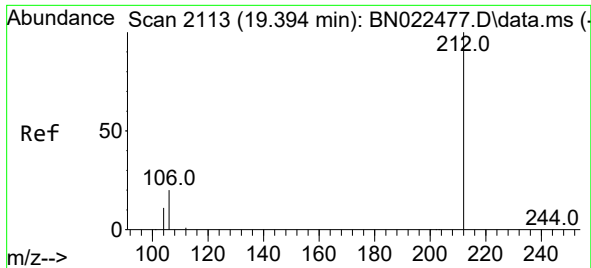
Tgt Ion:198 Resp: 7
Ion Ratio Lower Upper
198 100
51 335.3 83.8 125.8#
105 243.1 71.4 107.2#



#24
Pentachlorophenol
Concen: 0.174 ng
RT: 17.003 min Scan# 1705
Delta R.T. -0.012 min
Lab File: BN022514.D
Acq: 04 Nov 2022 19:00

Tgt Ion:266 Resp: 26
Ion Ratio Lower Upper
266 100
264 61.5 50.6 75.8
268 50.0 54.1 81.1#

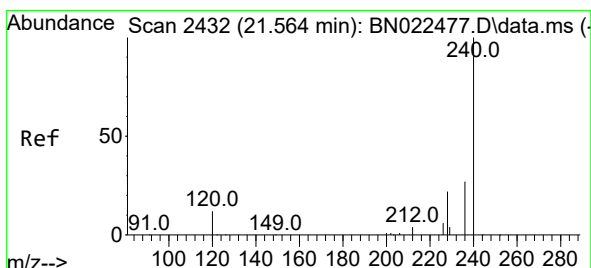
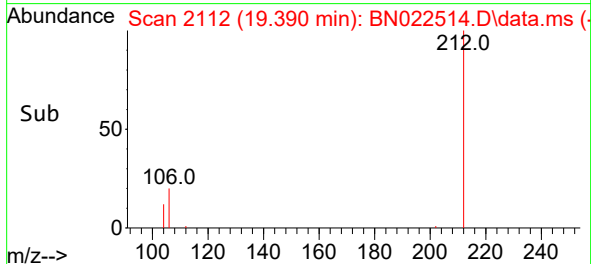
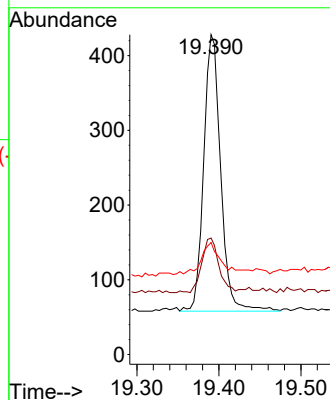
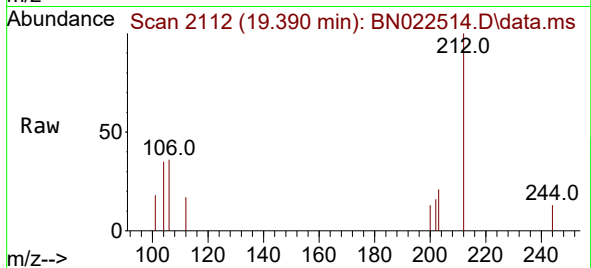




#27
Fluoranthene-d10
Concen: 0.011 ng
RT: 19.390 min Scan# 2112
Delta R.T. -0.004 min
Lab File: BN022514.D
Acq: 04 Nov 2022 19:00

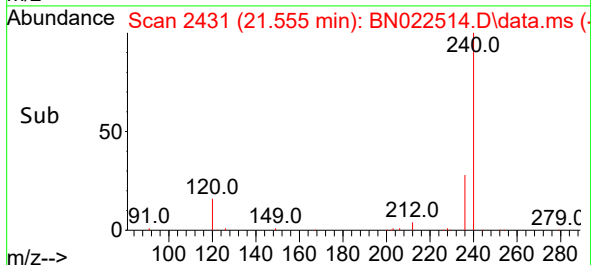
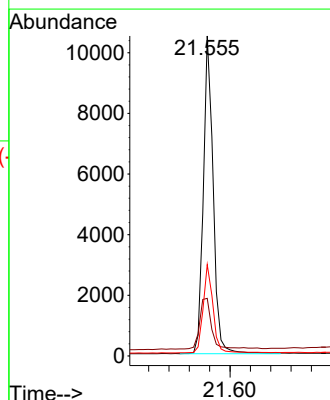
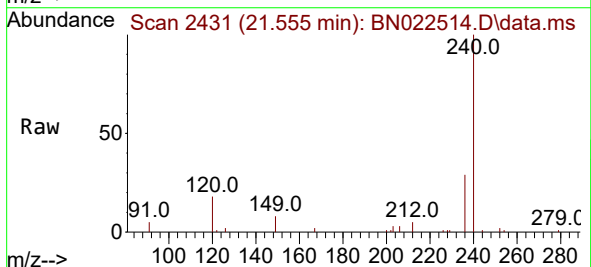
Instrument :
BNA_N
ClientSampleId :
MW3DL

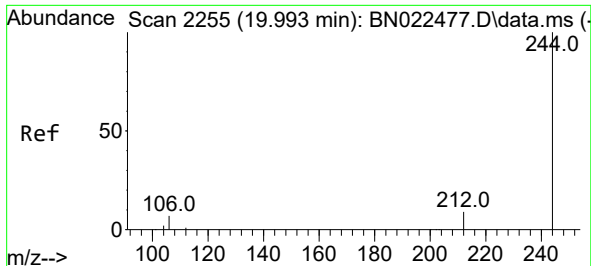
Tgt Ion:212 Resp: 532
Ion Ratio Lower Upper
212 100
106 19.0 15.2 22.8
104 13.2 8.6 12.8#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.555 min Scan# 2431
Delta R.T. -0.009 min
Lab File: BN022514.D
Acq: 04 Nov 2022 19:00

Tgt Ion:240 Resp: 14023
Ion Ratio Lower Upper
240 100
120 18.0 12.4 18.6
236 28.6 22.7 34.1

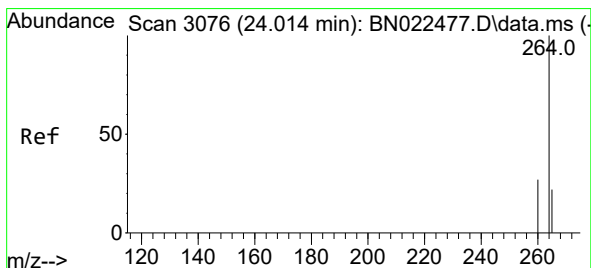
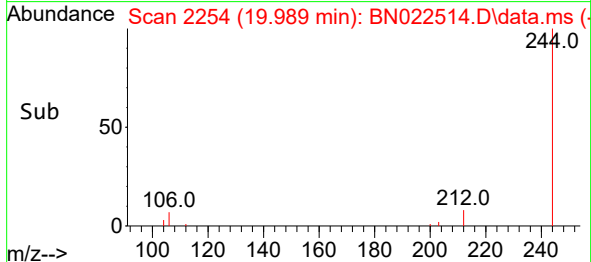
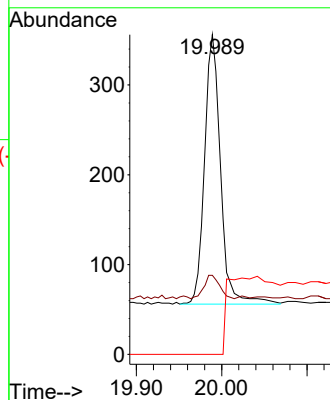
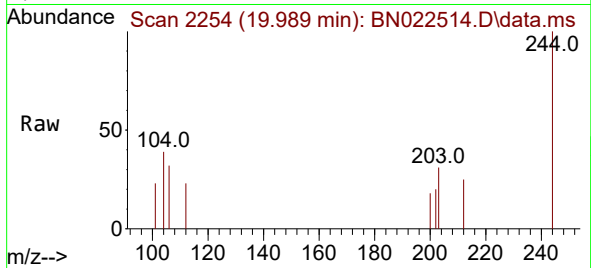




#31
 Terphenyl-d14
 Concen: 0.012 ng
 RT: 19.989 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BN022514.D
 Acq: 04 Nov 2022 19:00

Instrument :
 BNA_N
 ClientSampleId :
 MW3DL

Tgt Ion:244 Resp: 523
 Ion Ratio Lower Upper
 244 100
 212 24.7 7.8 11.8#
 122 0.0 0.0 0.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.008 min Scan# 3074
 Delta R.T. -0.006 min
 Lab File: BN022514.D
 Acq: 04 Nov 2022 19:00

Tgt Ion:264 Resp: 13749
 Ion Ratio Lower Upper
 264 100
 260 26.5 22.4 33.6
 265 46.2 44.4 66.6

