

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110322\
 Data File : BN022488.D
 Acq On : 03 Nov 2022 21:45
 Operator : CG/JU
 Sample : N5414-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW3

Quant Time: Nov 04 04:08:42 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

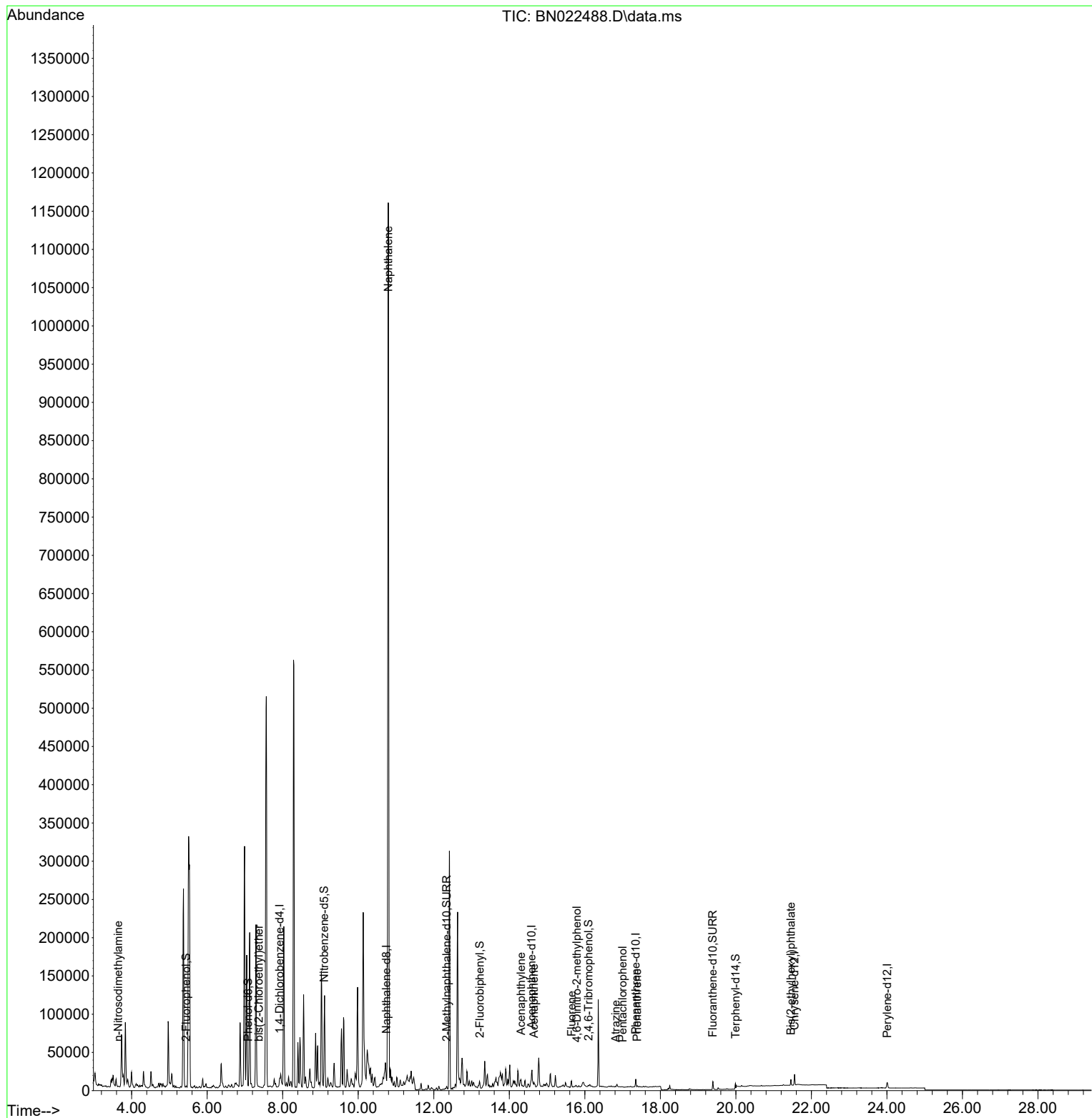
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.920	152	2925	0.400	ng	0.00
7) Naphthalene-d8	10.741	136	10626	0.400	ng	#-0.01
13) Acenaphthene-d10	14.589	164	9956	0.400	ng	#-0.01
19) Phenanthrene-d10	17.350	188	12334	0.400	ng	# 0.00
29) Chrysene-d12	21.555	240	11919	0.400	ng	# 0.00
35) Perylene-d12	24.008	264	10441	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.443	112	1888	0.229	ng	0.00
5) Phenol-d6	7.083	99	745	0.072	ng	0.00
8) Nitrobenzene-d5	9.097	82	2523	0.263	ng	-0.01
11) 2-Methylnaphthalene-d10	12.342	152	4130	0.232	ng	0.00
14) 2,4,6-Tribromophenol	16.096	330	1153	0.221	ng	0.00
15) 2-Fluorobiphenyl	13.221	172	7294	0.176	ng	0.00
27) Fluoranthene-d10	19.390	212	10674	0.317	ng	0.00
31) Terphenyl-d14	19.989	244	9914	0.267	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.645	42	926	0.203	ng	# 1
6) bis(2-Chloroethyl)ether	7.372	93	692	0.074	ng	# 25
9) Naphthalene	10.795	128	1467879	45.600	ng	# 98
16) Acenaphthylene	14.311	152	1654	0.033	ng	# 71
17) Acenaphthene	14.653	154	2648	0.081	ng	# 87
18) Fluorene	15.647	166	5382	0.118	ng	# 96
20) 4,6-Dinitro-2-methylph...	15.786	198	53	0.248	ng	# 1
23) Atrazine	16.816	200	153	0.022	ng	# 1
24) Pentachlorophenol	17.002	266	34	0.178	ng	95
25) Phenanthrene	17.387	178	1753	0.043	ng	96
34) Bis(2-ethylhexyl)phtha...	21.457	149	6518	0.161	ng	99

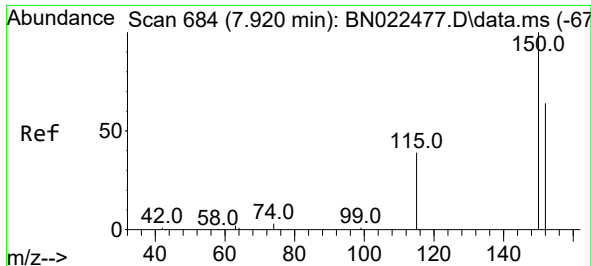
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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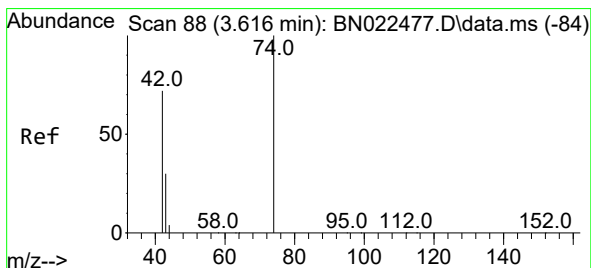
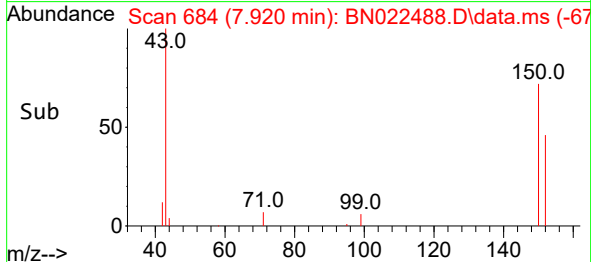
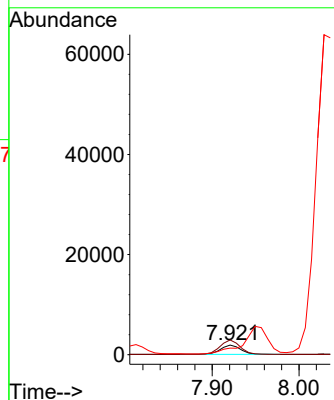
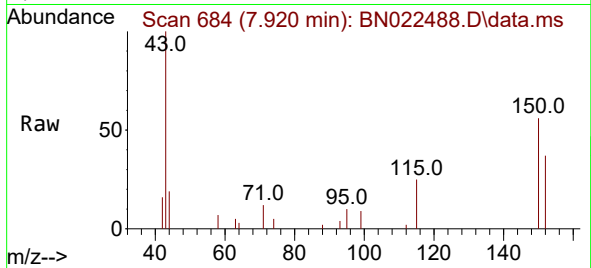




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.920 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN022488.D
Acq: 03 Nov 2022 21:45

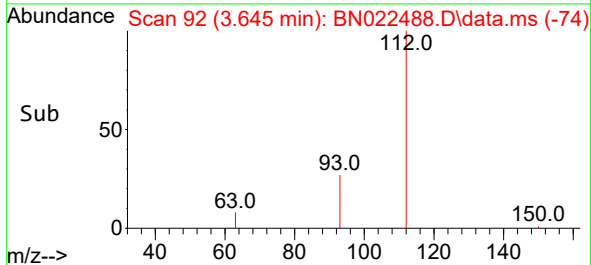
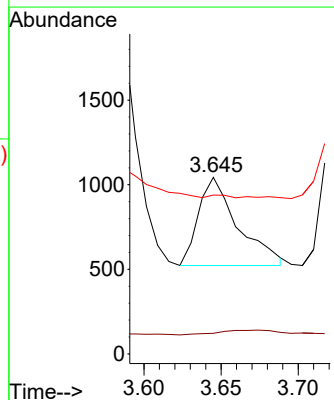
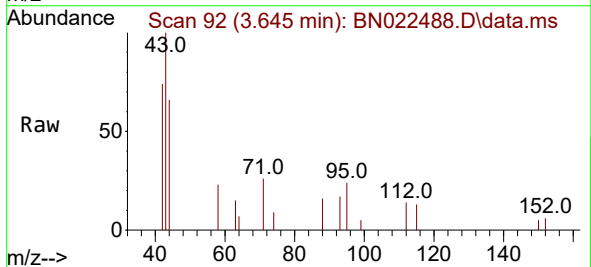
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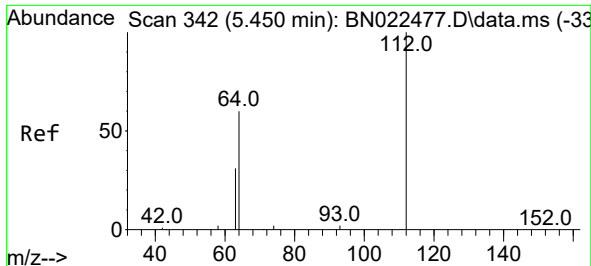
Tgt Ion:152 Resp: 2925
Ion Ratio Lower Upper
152 100
150 153.3 123.4 185.2
115 68.5 54.9 82.3



#3
n-Nitrosodimethylamine
Concen: 0.203 ng
RT: 3.645 min Scan# 92
Delta R.T. 0.029 min
Lab File: BN022488.D
Acq: 03 Nov 2022 21:45

Tgt Ion: 42 Resp: 926
Ion Ratio Lower Upper
42 100
74 0.0 110.6 165.8#
44 1.6 8.6 13.0#

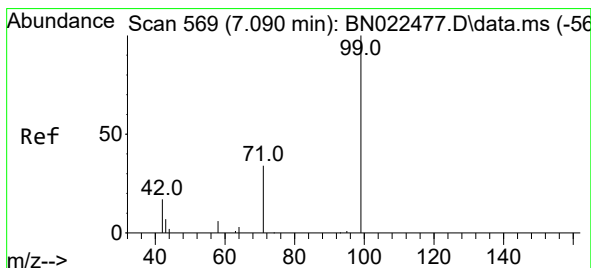
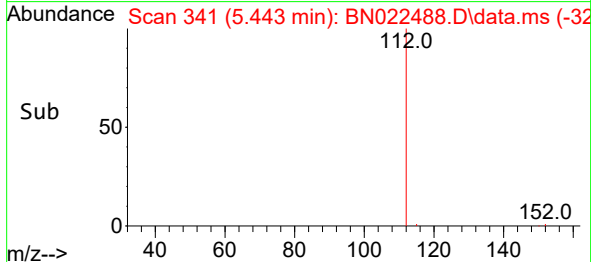
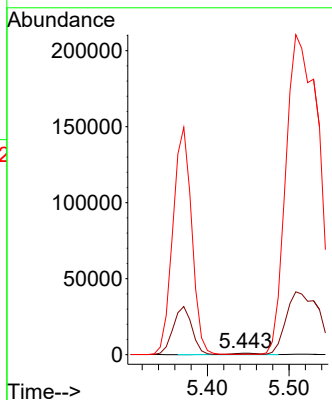
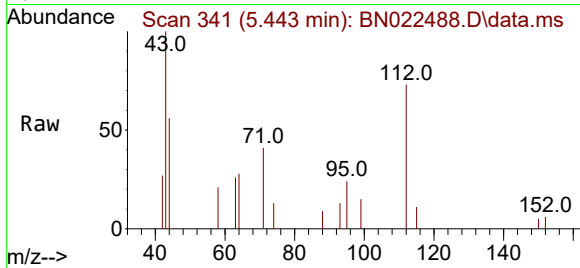




#4
2-Fluorophenol
Concen: 0.229 ng
RT: 5.443 min Scan# 341
Delta R.T. -0.007 min
Lab File: BN022488.D
Acq: 03 Nov 2022 21:45

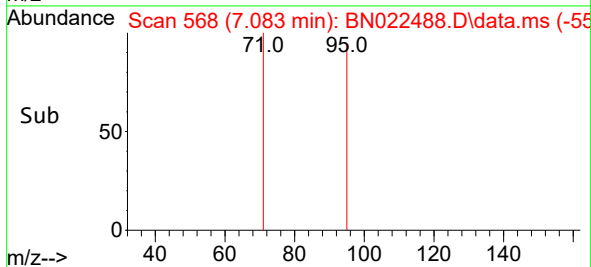
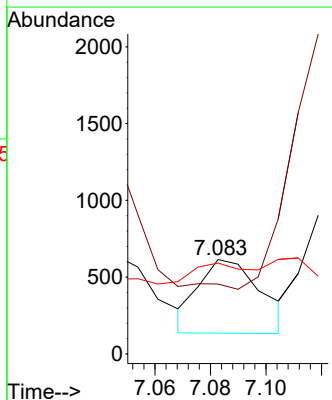
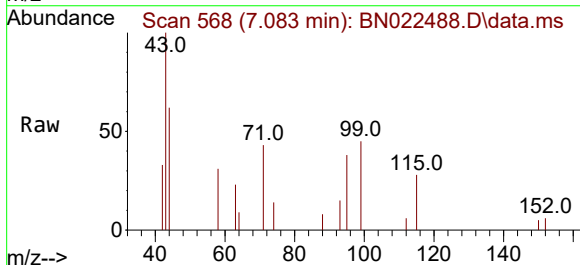
Instrument :
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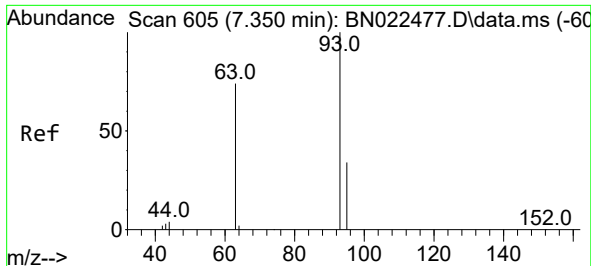
Tgt Ion:112 Resp: 1888
Ion Ratio Lower Upper
112 100
64 0.0 47.1 70.7#
63 0.0 24.6 36.8#



#5
Phenol-d6
Concen: 0.072 ng
RT: 7.083 min Scan# 568
Delta R.T. -0.007 min
Lab File: BN022488.D
Acq: 03 Nov 2022 21:45

Tgt Ion: 99 Resp: 745
Ion Ratio Lower Upper
99 100
42 0.0 14.7 22.1#
71 26.3 27.0 40.6#

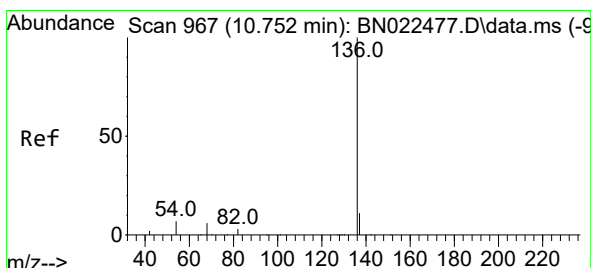
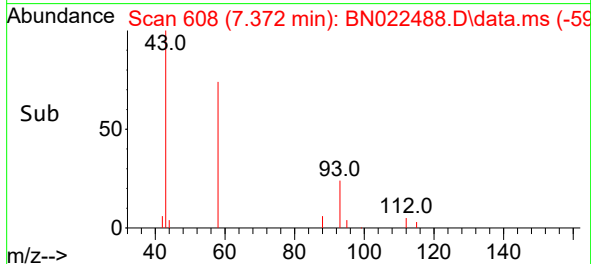
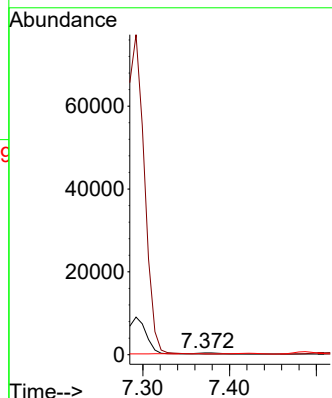
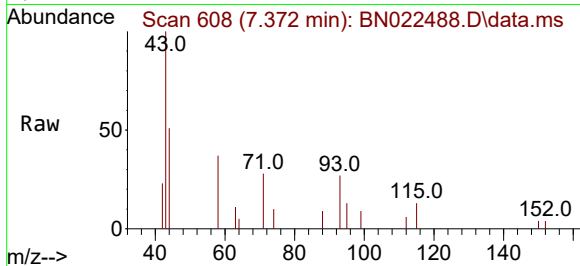




#6
bis(2-Chloroethyl)ether
Concen: 0.074 ng
RT: 7.372 min Scan# 605
Delta R.T. 0.022 min
Lab File: BN022488.D
Acq: 03 Nov 2022 21:45

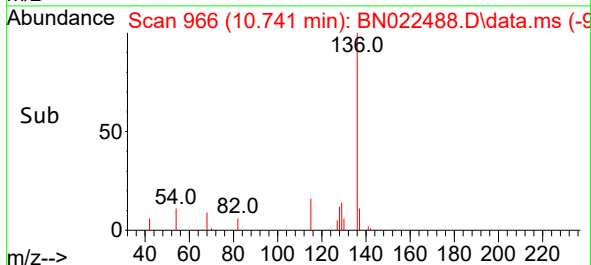
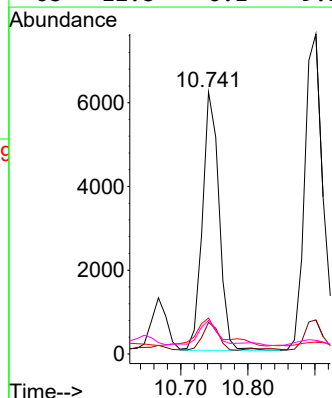
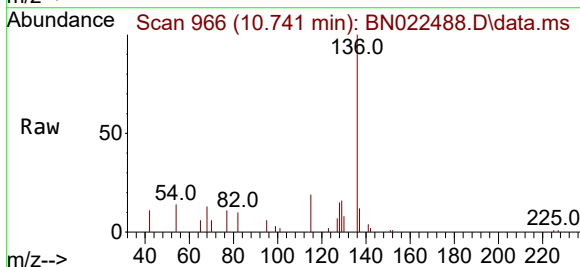
Instrument :
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ClientSampleId :
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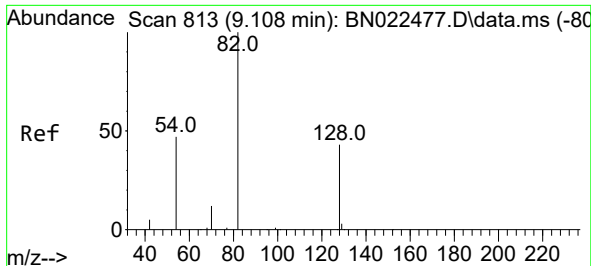
Tgt Ion: 93 Resp: 692
Ion Ratio Lower Upper
93 100
63 0.0 61.2 91.8#
95 8.4 25.7 38.5#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.741 min Scan# 966
Delta R.T. -0.011 min
Lab File: BN022488.D
Acq: 03 Nov 2022 21:45

Tgt Ion:136 Resp: 10626
Ion Ratio Lower Upper
136 100
137 12.0 9.5 14.3
54 13.7 7.1 10.7#
68 12.8 6.1 9.1#

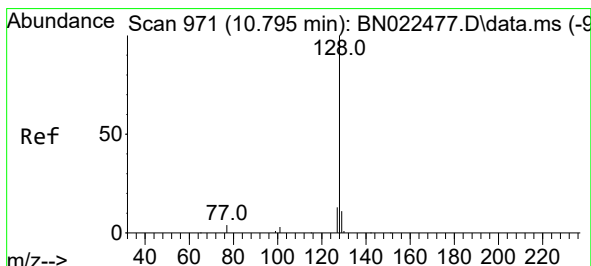
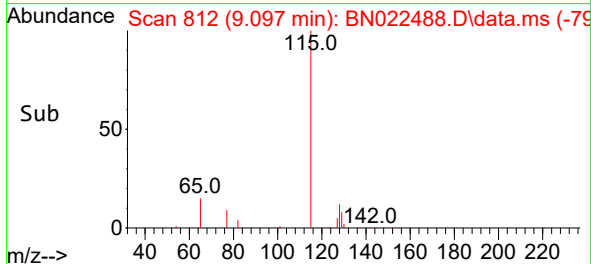
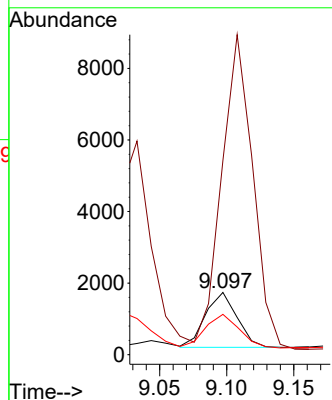
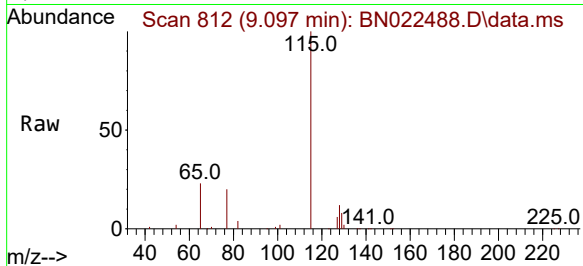




#8
Nitrobenzene-d5
Concen: 0.263 ng
RT: 9.097 min Scan# 813
Delta R.T. -0.011 min
Lab File: BN022488.D
Acq: 03 Nov 2022 21:45

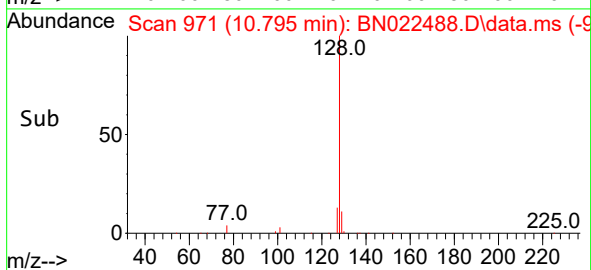
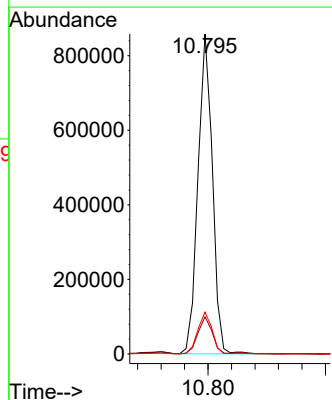
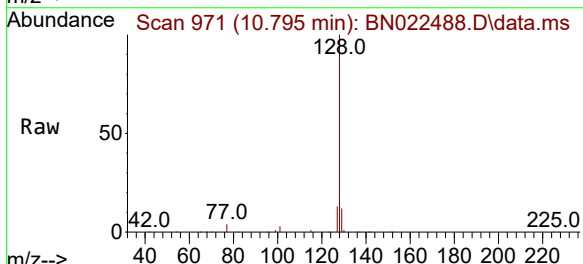
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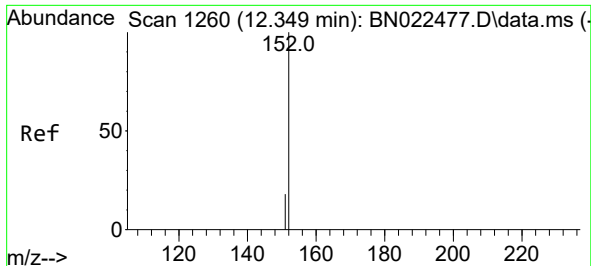
Tgt Ion: 82 Resp: 2523
Ion Ratio Lower Upper
82 100
128 312.1 37.3 55.9#
54 64.9 40.0 60.0#



#9
Naphthalene
Concen: 45.600 ng
RT: 10.795 min Scan# 971
Delta R.T. 0.000 min
Lab File: BN022488.D
Acq: 03 Nov 2022 21:45

Tgt Ion:128 Resp: 1467879
Ion Ratio Lower Upper
128 100
129 11.6 9.8 14.6
127 13.1 11.4 17.2

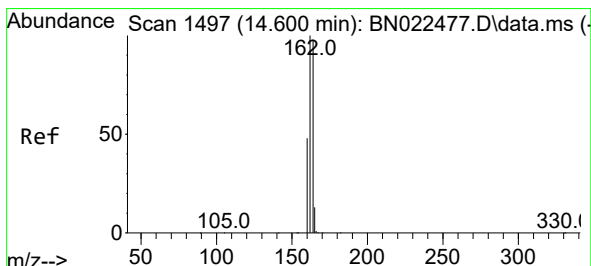
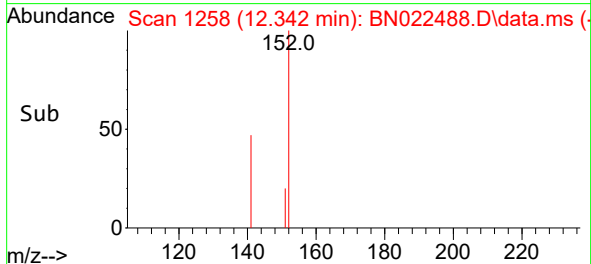
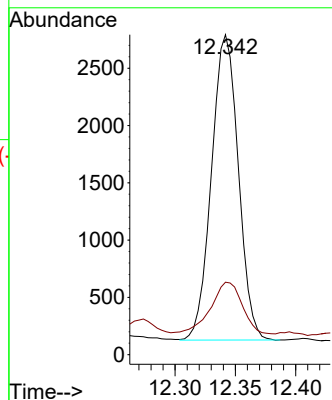
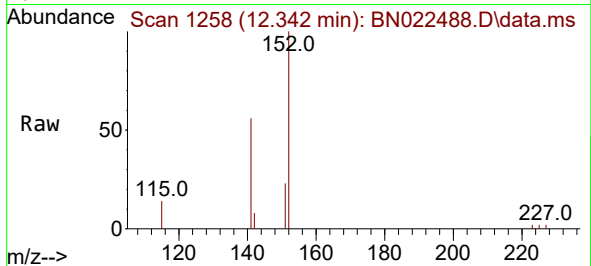




#11
2-Methylnaphthalene-d10
Concen: 0.232 ng
RT: 12.342 min Scan# 11
Delta R.T. -0.007 min
Lab File: BN022488.D
Acq: 03 Nov 2022 21:45

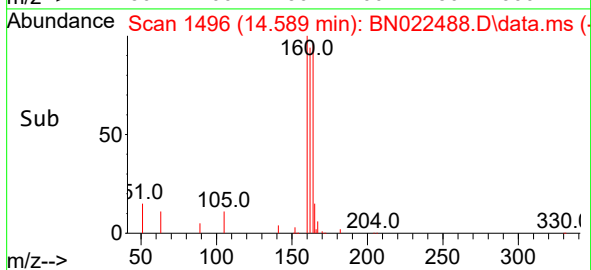
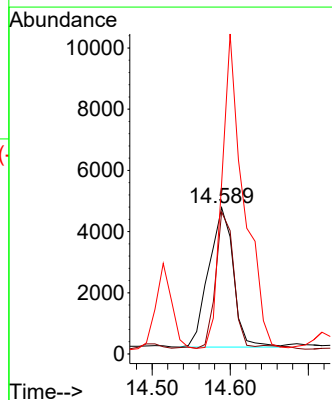
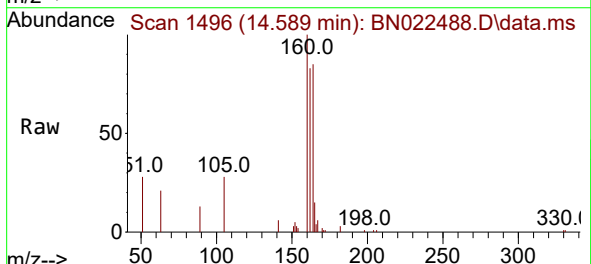
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ClientSampleId :
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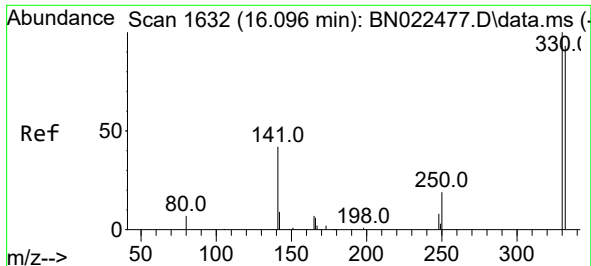
Tgt Ion:152 Resp: 4130
Ion Ratio Lower Upper
152 100
151 21.3 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.589 min Scan# 1496
Delta R.T. -0.011 min
Lab File: BN022488.D
Acq: 03 Nov 2022 21:45

Tgt Ion:164 Resp: 9956
Ion Ratio Lower Upper
164 100
162 97.0 82.0 123.0
160 117.0 39.4 59.2#

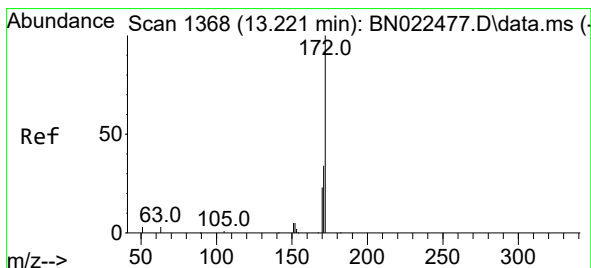
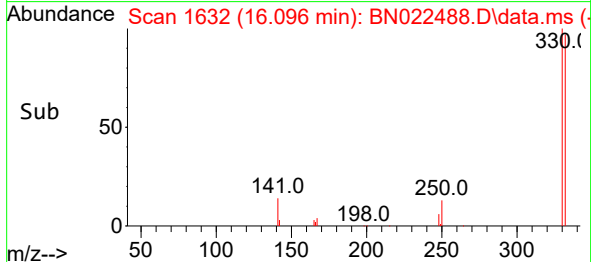
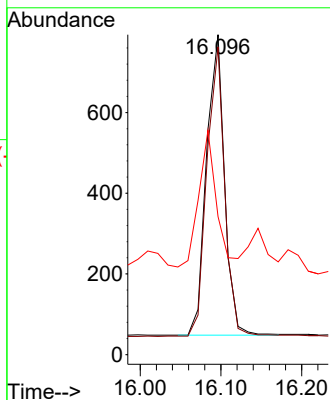
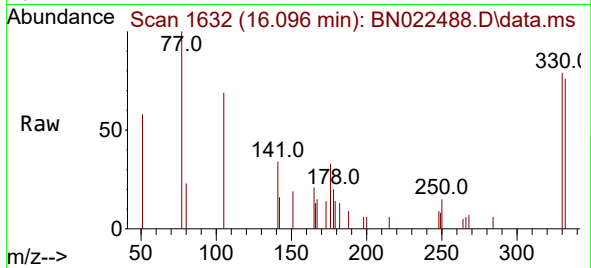




#14
2,4,6-Tribromophenol
Concen: 0.221 ng
RT: 16.096 min Scan# 1632
Delta R.T. 0.000 min
Lab File: BN022488.D
Acq: 03 Nov 2022 21:45

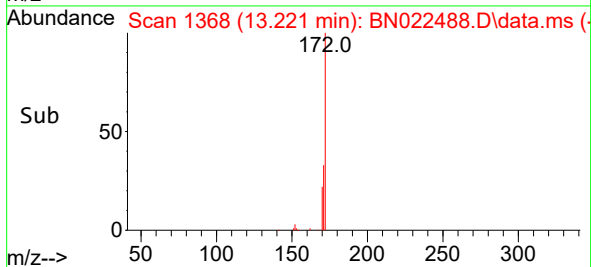
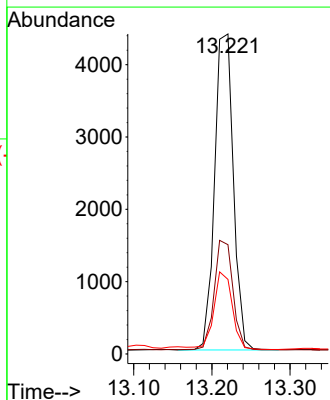
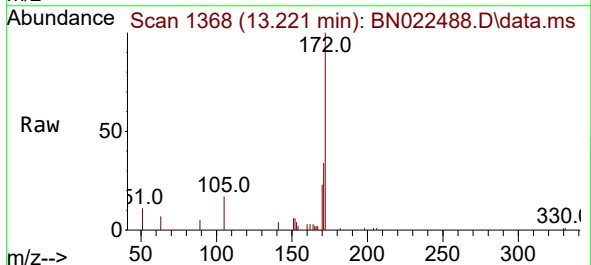
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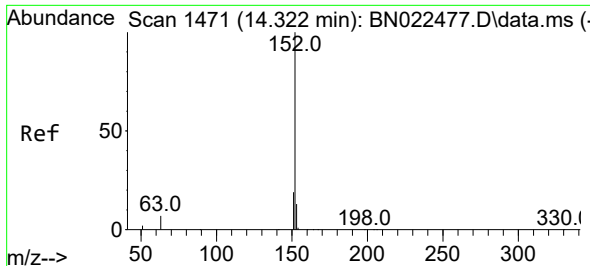
Tgt Ion:330 Resp: 1153
Ion Ratio Lower Upper
330 100
332 95.8 77.8 116.8
141 44.5 35.0 52.6



#15
2-Fluorobiphenyl
Concen: 0.176 ng
RT: 13.221 min Scan# 1368
Delta R.T. 0.000 min
Lab File: BN022488.D
Acq: 03 Nov 2022 21:45

Tgt Ion:172 Resp: 7294
Ion Ratio Lower Upper
172 100
171 34.1 27.9 41.9
170 23.3 19.2 28.8

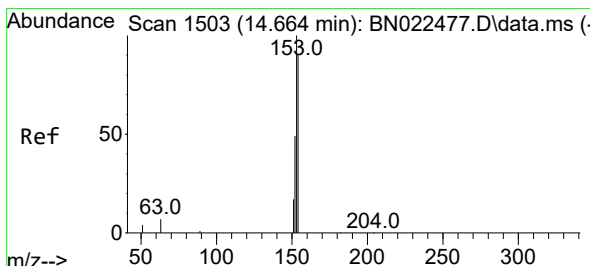
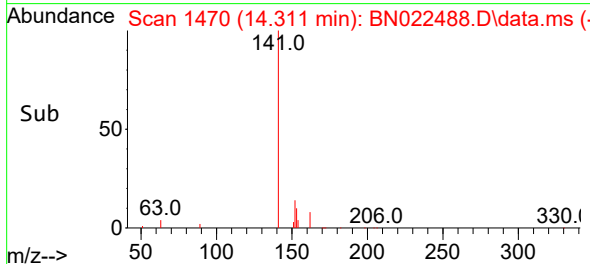
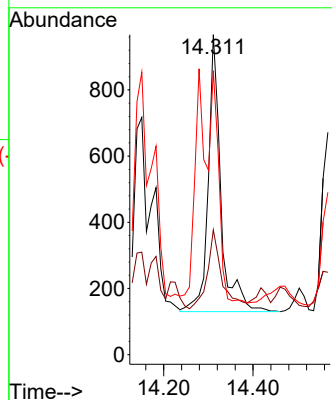
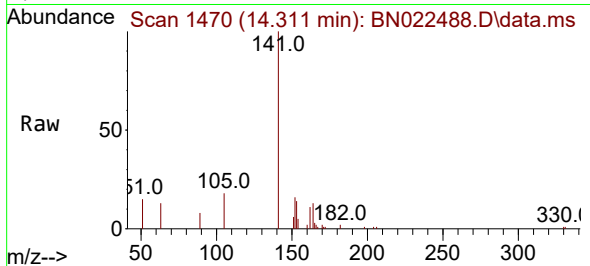




#16
Acenaphthylene
Concen: 0.033 ng
RT: 14.311 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN022488.D
Acq: 03 Nov 2022 21:45

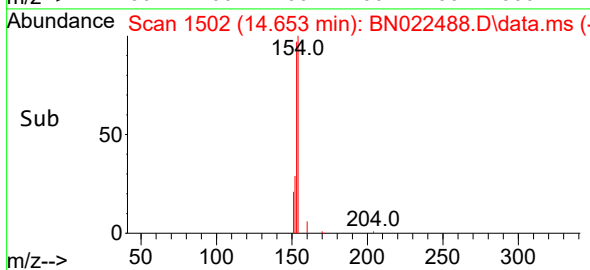
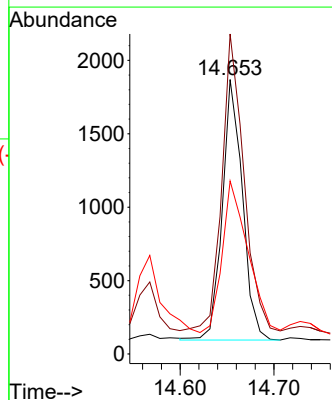
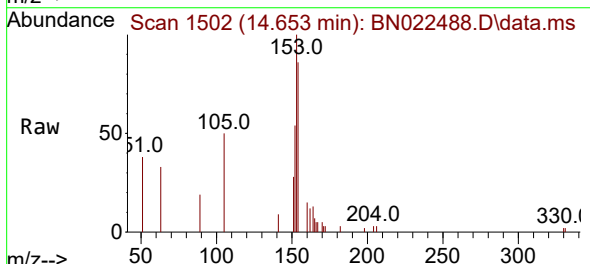
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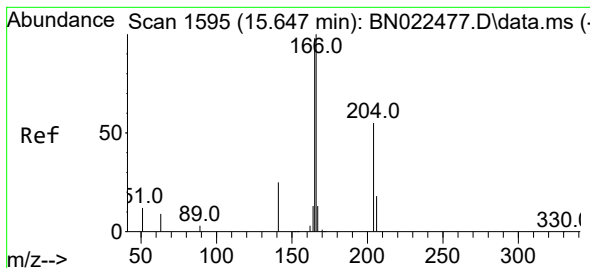
Tgt Ion:152 Resp: 1654
Ion Ratio Lower Upper
152 100
151 32.2 15.8 23.6#
153 0.0 10.3 15.5#



#17
Acenaphthene
Concen: 0.081 ng
RT: 14.653 min Scan# 1502
Delta R.T. -0.011 min
Lab File: BN022488.D
Acq: 03 Nov 2022 21:45

Tgt Ion:154 Resp: 2648
Ion Ratio Lower Upper
154 100
153 123.8 91.8 137.8
152 74.4 45.7 68.5#





#18

Fluorene

Concen: 0.118 ng

RT: 15.647 min Scan# 1595

Delta R.T. 0.000 min

Lab File: BN022488.D

Acq: 03 Nov 2022 21:45

Instrument :

BNA_N

ClientSampleId :

MW3

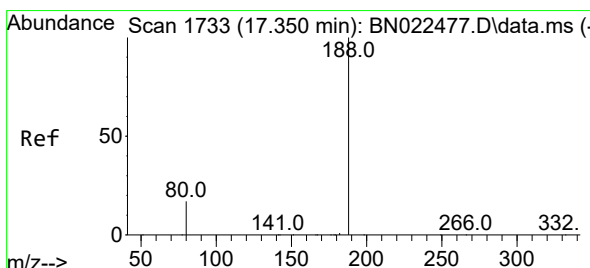
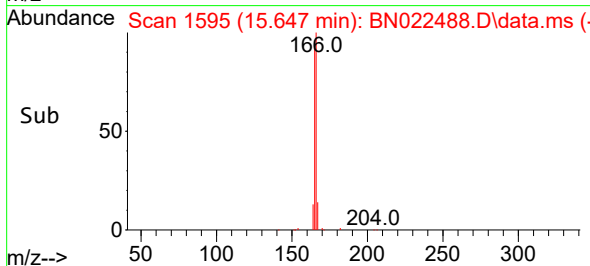
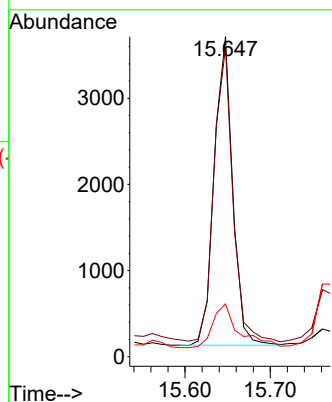
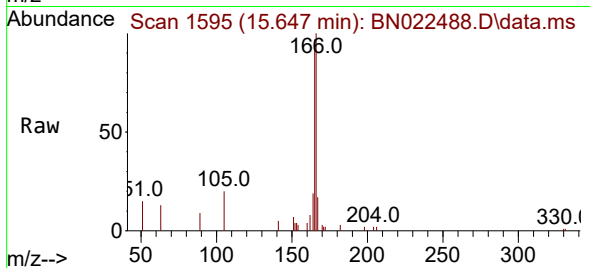
Tgt Ion:166 Resp: 5382

Ion Ratio Lower Upper

166 100

165 96.8 78.7 118.1

167 20.0 10.2 15.2#



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.350 min Scan# 1733

Delta R.T. 0.000 min

Lab File: BN022488.D

Acq: 03 Nov 2022 21:45

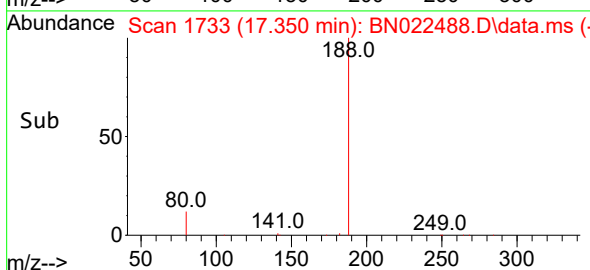
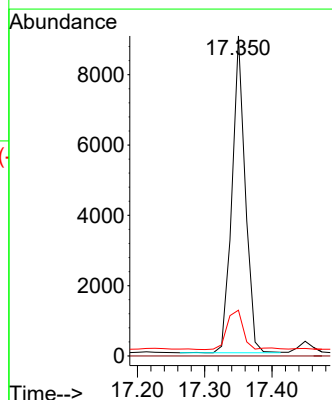
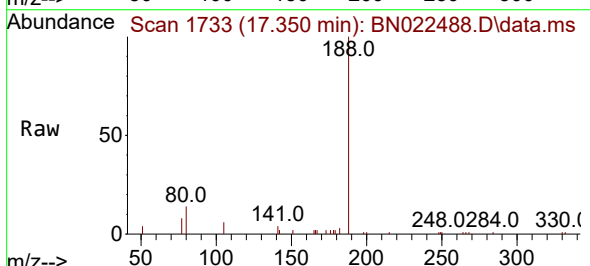
Tgt Ion:188 Resp: 12334

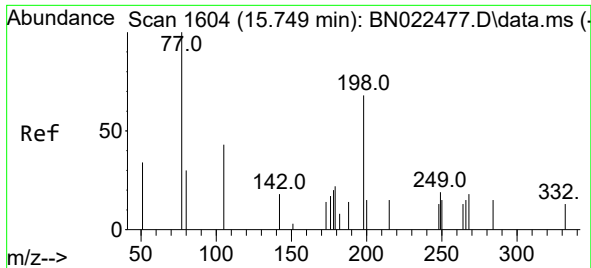
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.3 14.6 21.8#

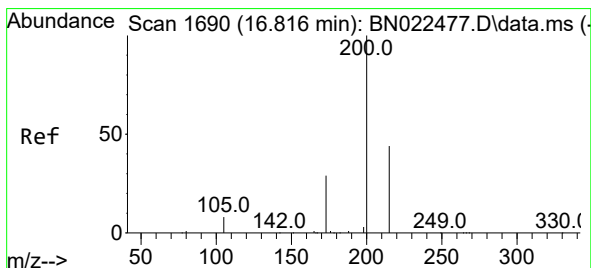
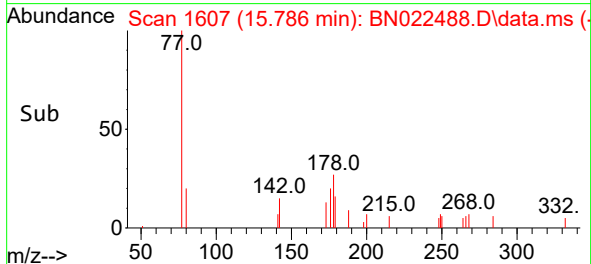
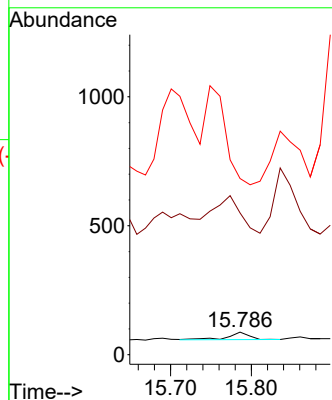
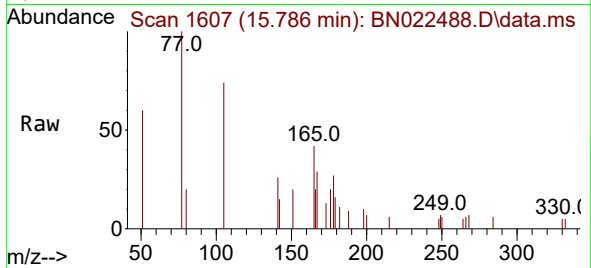




#20
4,6-Dinitro-2-methylphenol
Concen: 0.248 ng
RT: 15.786 min Scan# 1607
Delta R.T. 0.037 min
Lab File: BN022488.D
Acq: 03 Nov 2022 21:45

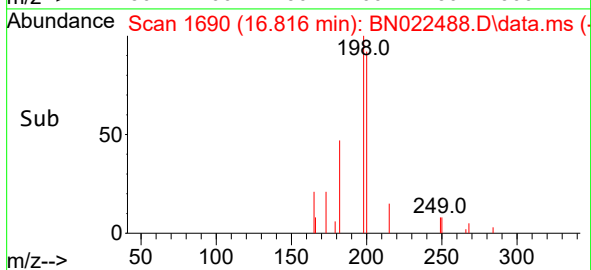
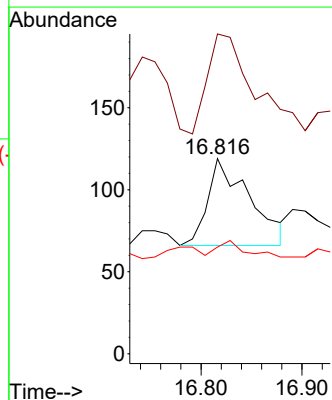
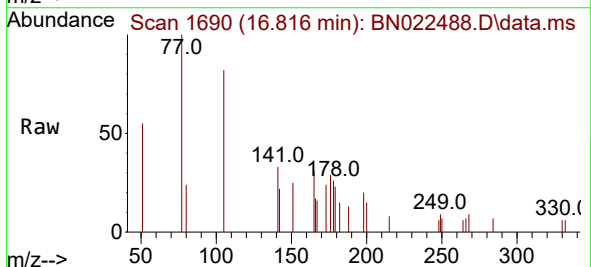
Instrument :
BNA_N
ClientSampleId :
MW3

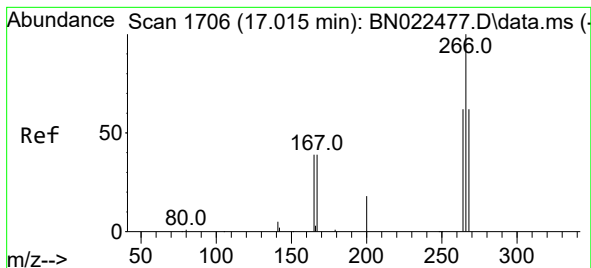
Tgt Ion:198 Resp: 53
Ion Ratio Lower Upper
198 100
51 625.0 83.8 125.8#
105 776.1 71.4 107.2#



#23
Atrazine
Concen: 0.022 ng
RT: 16.816 min Scan# 1690
Delta R.T. 0.000 min
Lab File: BN022488.D
Acq: 03 Nov 2022 21:45

Tgt Ion:200 Resp: 153
Ion Ratio Lower Upper
200 100
173 163.9 25.2 37.8#
215 54.6 36.6 55.0





#24

Pentachlorophenol

Concen: 0.178 ng

RT: 17.002 min Scan# 1705

Delta R.T. -0.013 min

Lab File: BN022488.D

Acq: 03 Nov 2022 21:45

Instrument :

BNA_N

ClientSampleId :

MW3

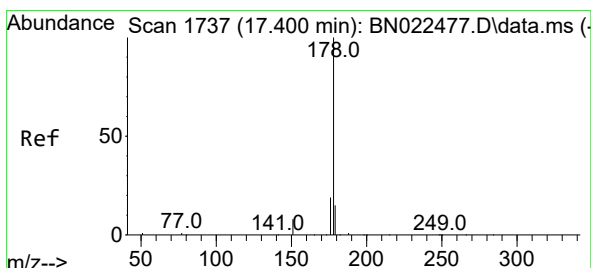
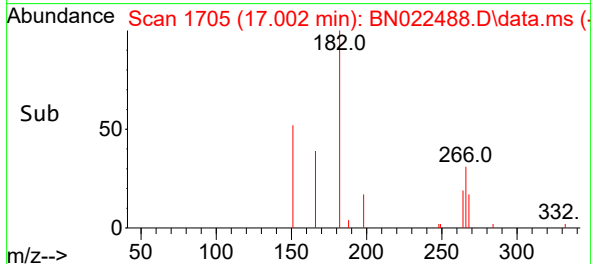
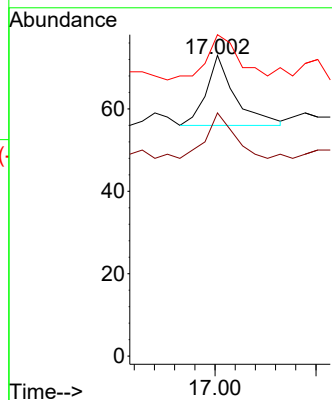
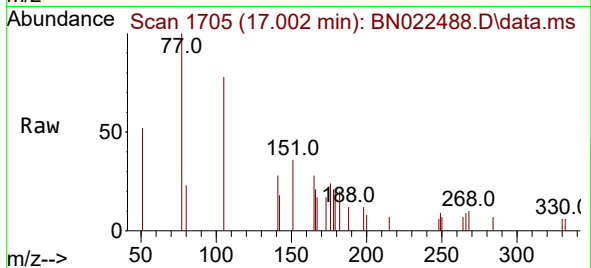
Tgt Ion:266 Resp: 34

Ion Ratio Lower Upper

266 100

264 61.8 50.6 75.8

268 73.5 54.1 81.1



#25

Phenanthrene

Concen: 0.043 ng

RT: 17.387 min Scan# 1736

Delta R.T. -0.013 min

Lab File: BN022488.D

Acq: 03 Nov 2022 21:45

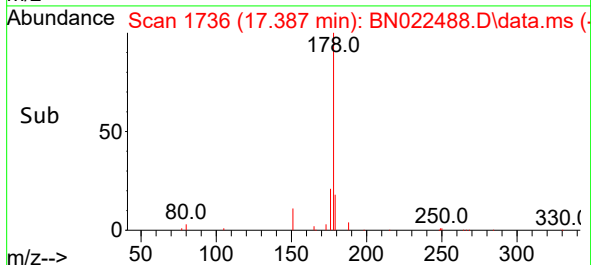
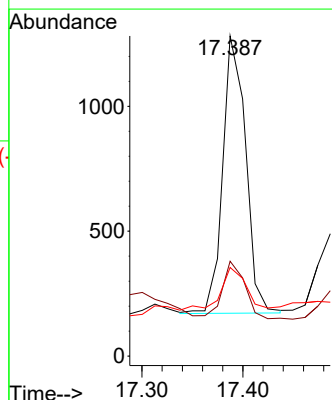
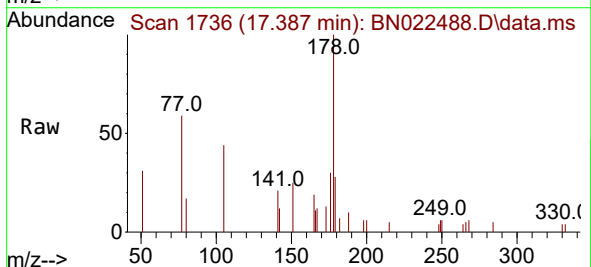
Tgt Ion:178 Resp: 1753

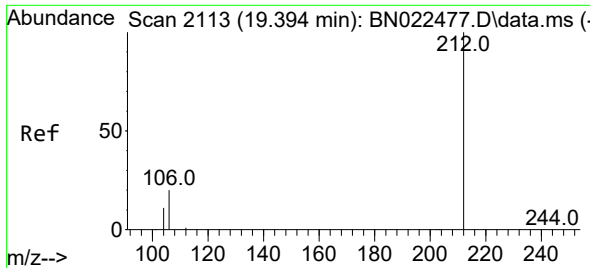
Ion Ratio Lower Upper

178 100

176 21.0 15.4 23.2

179 16.8 12.2 18.4

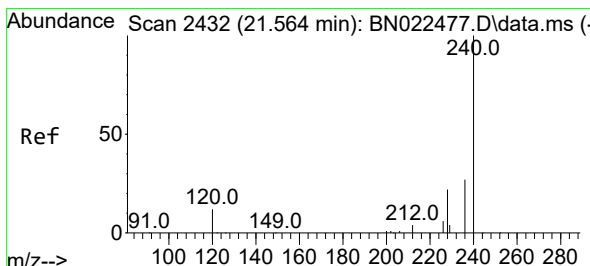
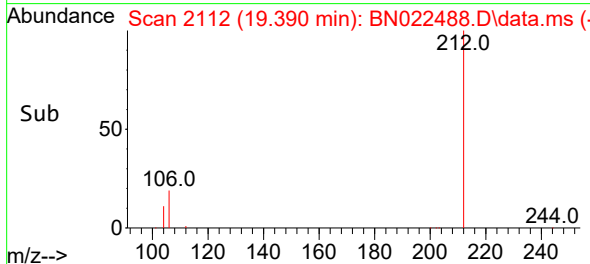
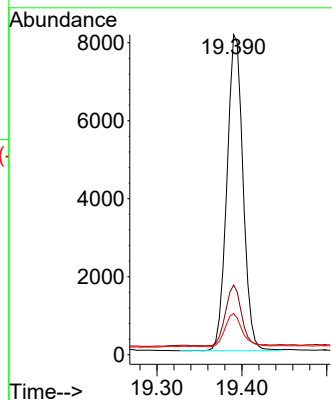
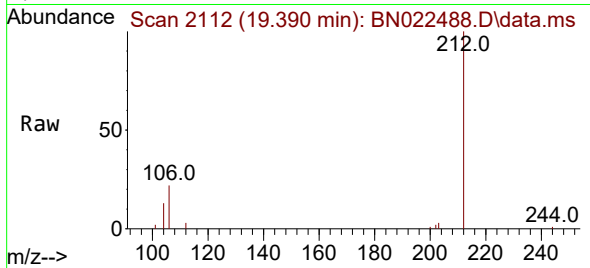




#27
Fluoranthene-d10
Concen: 0.317 ng
RT: 19.390 min Scan# 2113
Delta R.T. -0.004 min
Lab File: BN022488.D
Acq: 03 Nov 2022 21:45

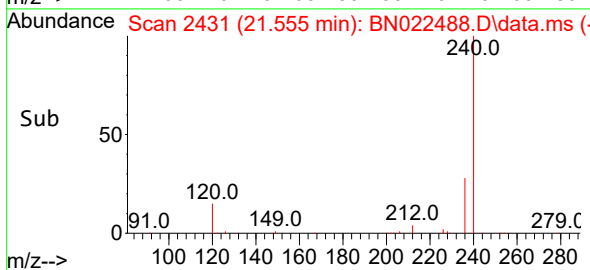
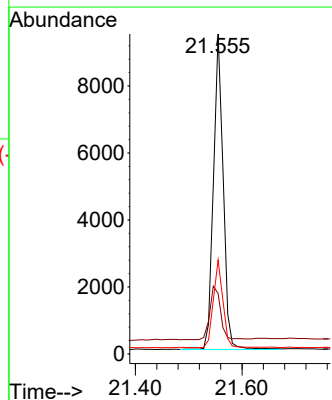
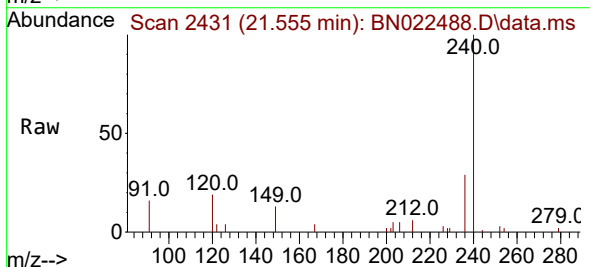
Instrument :
BNA_N
ClientSampleId :
MW3

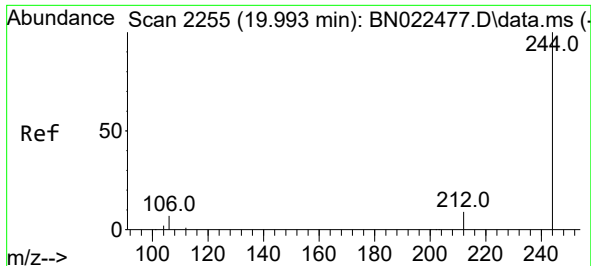
Tgt Ion:212 Resp: 10674
Ion Ratio Lower Upper
212 100
106 19.0 15.2 22.8
104 11.6 8.6 12.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.555 min Scan# 2431
Delta R.T. -0.009 min
Lab File: BN022488.D
Acq: 03 Nov 2022 21:45

Tgt Ion:240 Resp: 11919
Ion Ratio Lower Upper
240 100
120 18.9 12.4 18.6#
236 29.3 22.7 34.1

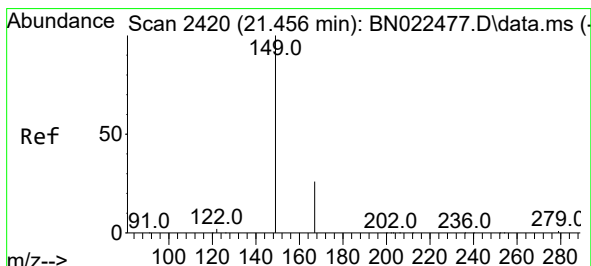
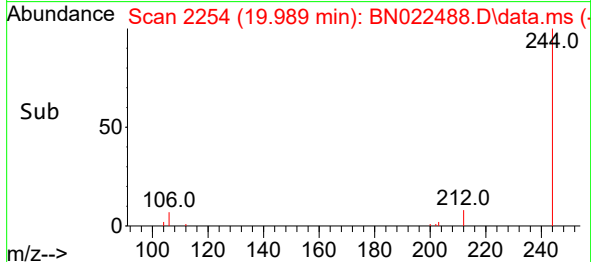
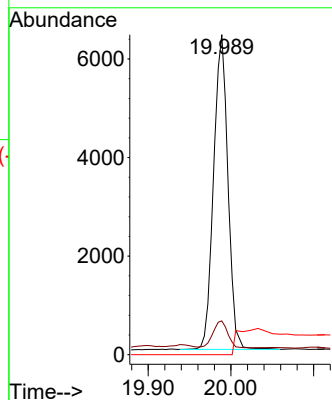
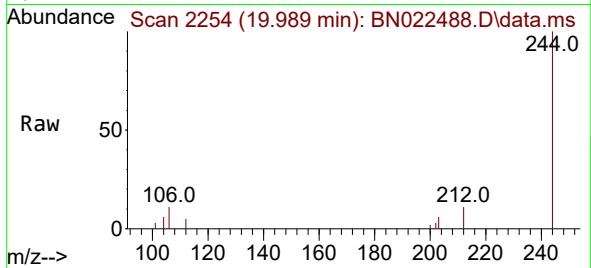




#31
 Terphenyl-d14
 Concen: 0.267 ng
 RT: 19.989 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BN022488.D
 Acq: 03 Nov 2022 21:45

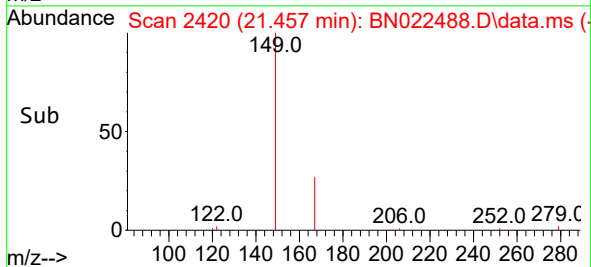
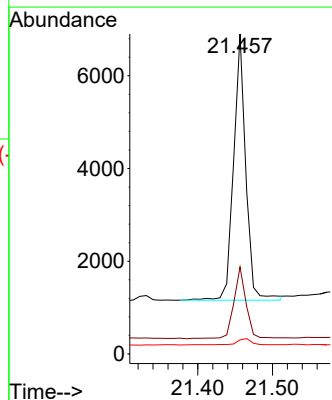
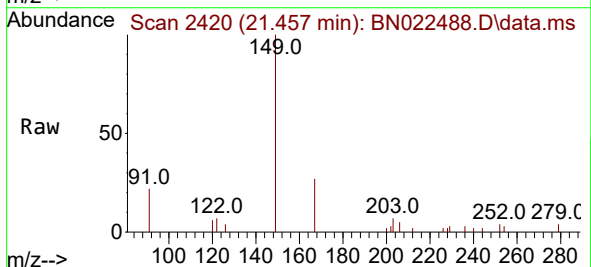
Instrument :
 BNA_N
 ClientSampleId :
 MW3

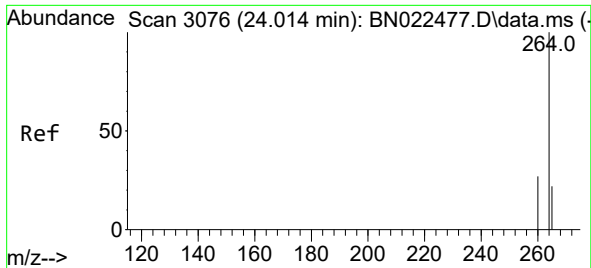
Tgt Ion:244 Resp: 9914
 Ion Ratio Lower Upper
 244 100
 212 10.5 7.8 11.8
 122 0.0 0.0 0.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.161 ng
 RT: 21.457 min Scan# 2420
 Delta R.T. 0.000 min
 Lab File: BN022488.D
 Acq: 03 Nov 2022 21:45

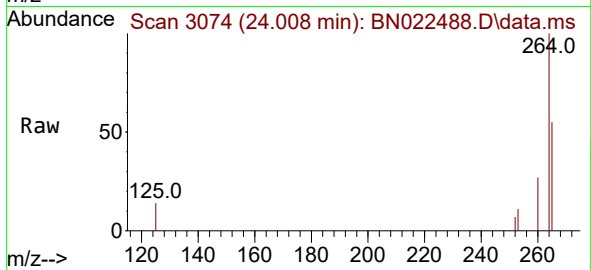
Tgt Ion:149 Resp: 6518
 Ion Ratio Lower Upper
 149 100
 167 27.1 21.3 31.9
 279 2.8 2.7 4.1





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.008 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: BN022488.D
 Acq: 03 Nov 2022 21:45

Instrument :
 BNA_N
 ClientSampleId :
 MW3



Tgt Ion:264 Resp: 10441
 Ion Ratio Lower Upper
 264 100
 260 27.5 22.4 33.6
 265 55.2 44.4 66.6

