

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062822\
 Data File : BN020546.D
 Acq On : 28 Jun 2022 22:37
 Operator : CG/JU
 Sample : N3458-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW17811-20220621

Quant Time: Jun 29 00:19:27 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 02:03:21 2022
 Response via : Initial Calibration

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

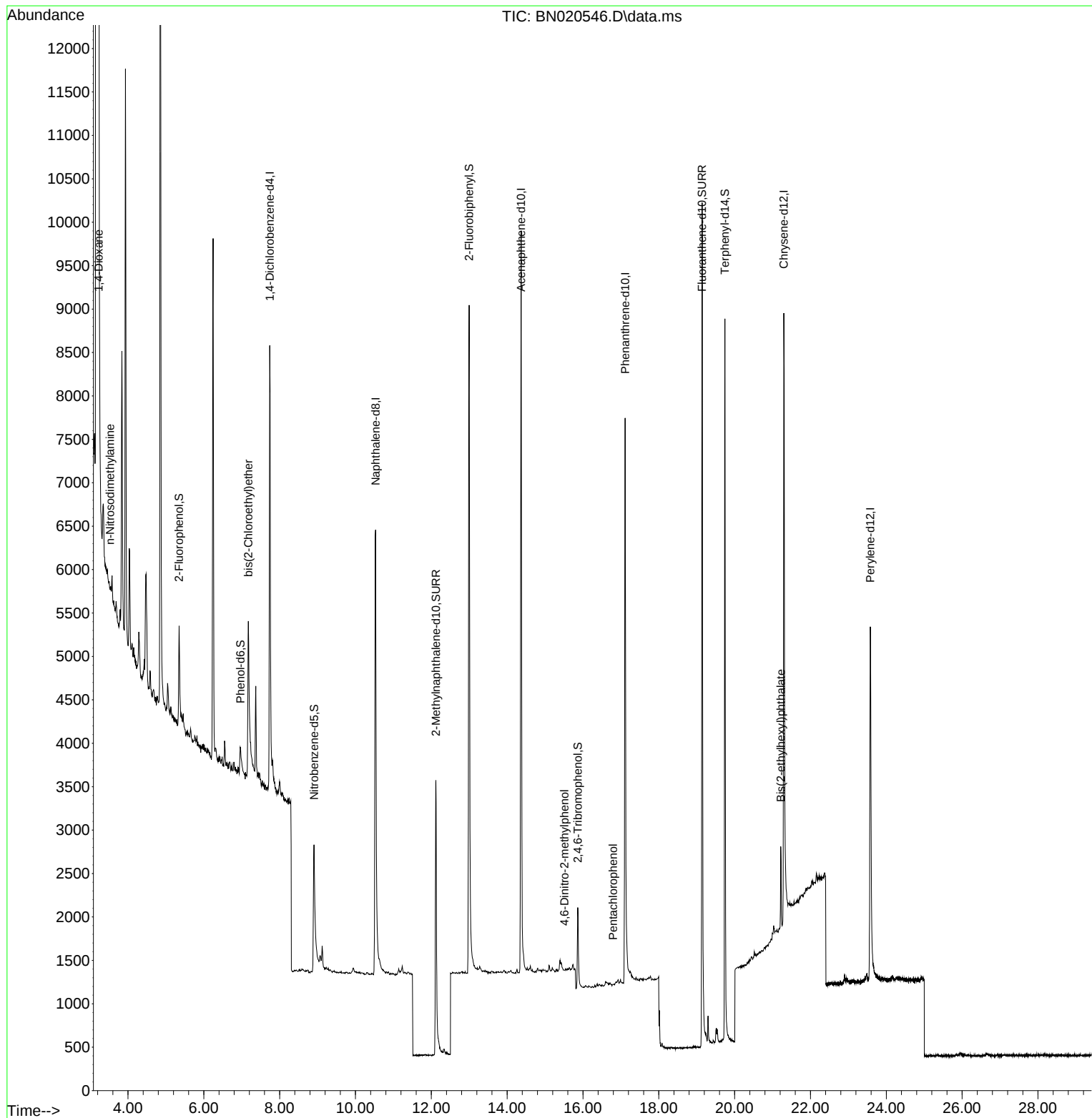
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.739	152	3156	0.400	ng	0.00
7) Naphthalene-d8	10.530	136	9565	0.400	ng	0.01
13) Acenaphthene-d10	14.367	164	5442	0.400	ng	0.00
19) Phenanthrene-d10	17.113	188	11038	0.400	ng	0.00
29) Chrysene-d12	21.297	240	8670	0.400	ng	0.00
35) Perylene-d12	23.580	264	6710	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	1240	0.142	ng	0.00
5) Phenol-d6	6.966	99	668	0.064	ng	0.02
8) Nitrobenzene-d5	8.907	82	2276	0.294	ng	0.01
11) 2-Methylnaphthalene-d10	12.121	152	5881	0.359	ng	0.00
14) 2,4,6-Tribromophenol	15.861	330	611	0.298	ng	0.00
15) 2-Fluorobiphenyl	12.999	172	8618	0.384	ng	0.00
27) Fluoranthene-d10	19.143	212	12462	0.380	ng	0.00
31) Terphenyl-d14	19.742	244	9871	0.476	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.225	88	4166	1.007	ng	95
3) n-Nitrosodimethylamine	3.528	42	101	0.027	ng	# 5
6) bis(2-Chloroethyl)ether	7.176	93	1779	0.198	ng	99
20) 4,6-Dinitro-2-methylph...	15.511	198	4	0.227	ng	# 1
24) Pentachlorophenol	16.795	266	3	0.185	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.216	149	975	0.056	ng	# 93

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

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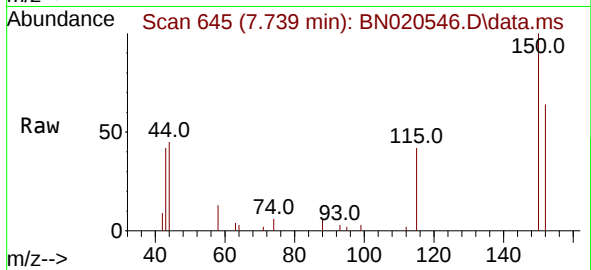
Quant Time: Jun 29 00:19:27 2022
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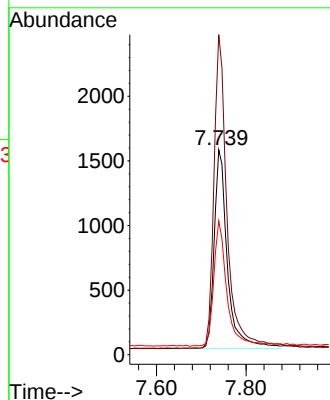
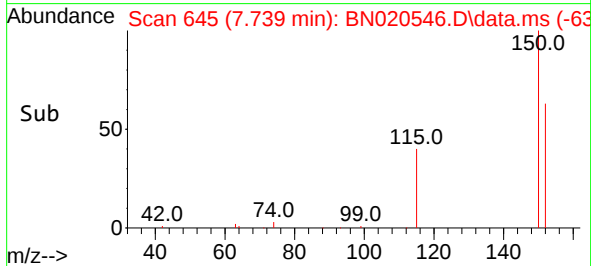


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.739 min Scan# 64
 Delta R.T. -0.000 min
 Lab File: BN020546.D
 Acq: 28 Jun 2022 22:37

Instrument :
 BNA_N
 ClientSampleId :
 MW17811-20220621

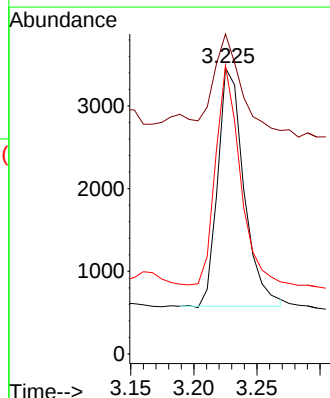
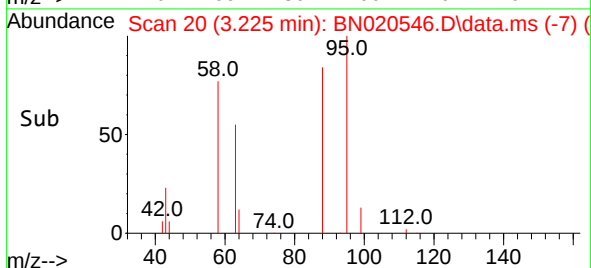
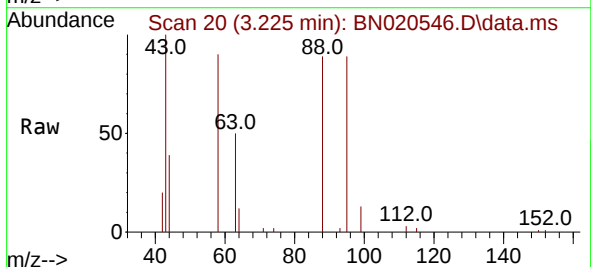


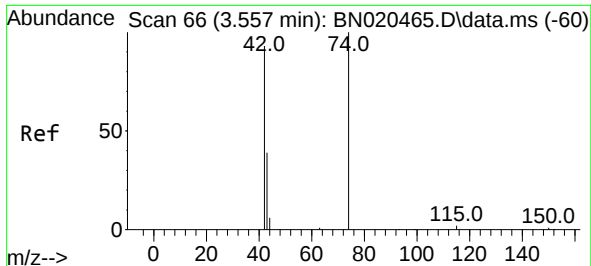
Tgt Ion:152 Resp: 3156
 Ion Ratio Lower Upper
 152 100
 150 156.1 127.9 191.9
 115 65.3 51.4 77.2



#2
 1,4-Dioxane
 Concen: 1.007 ng
 RT: 3.225 min Scan# 20
 Delta R.T. -0.007 min
 Lab File: BN020546.D
 Acq: 28 Jun 2022 22:37

Tgt Ion: 88 Resp: 4166
 Ion Ratio Lower Upper
 88 100
 43 39.3 30.2 45.2
 58 85.8 73.0 109.6

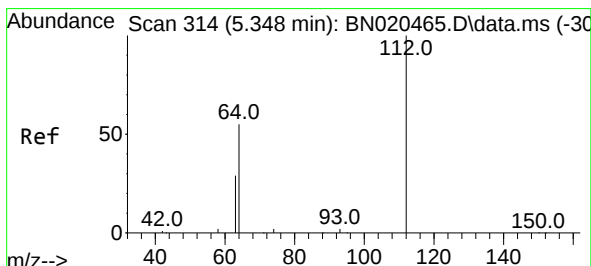
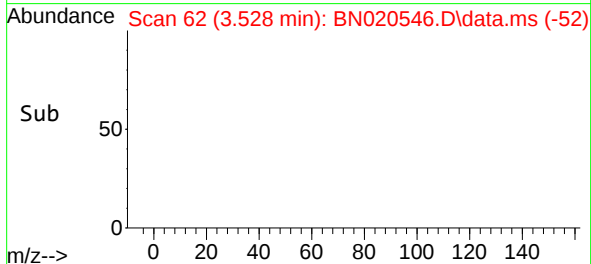
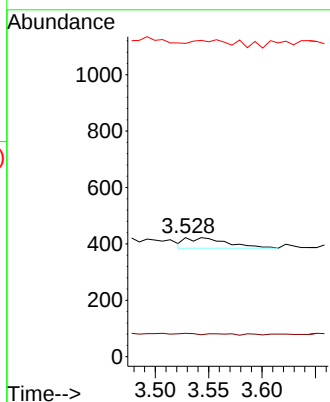
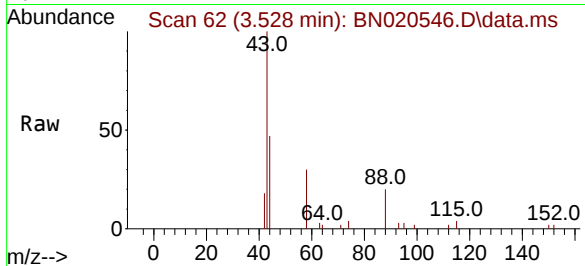




#3
 n-Nitrosodimethylamine
 Concen: 0.027 ng
 RT: 3.528 min Scan# 61
 Delta R.T. -0.029 min
 Lab File: BN020546.D
 Acq: 28 Jun 2022 22:37

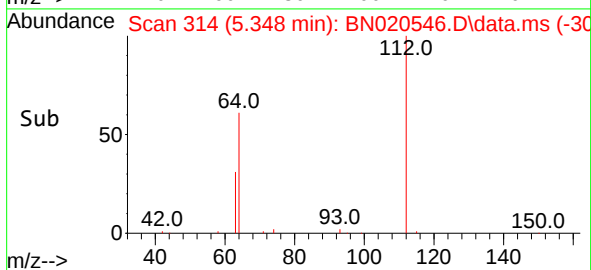
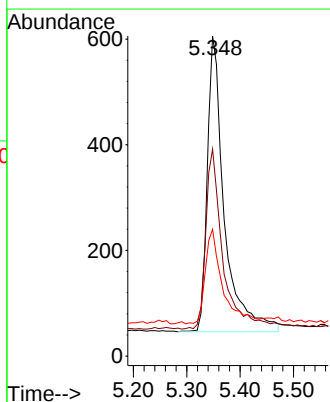
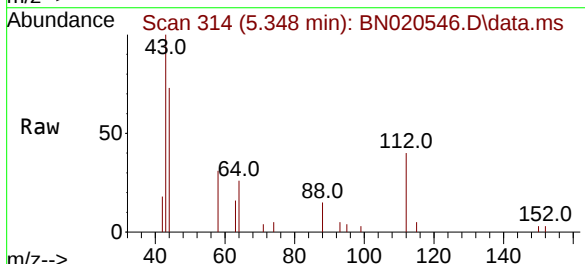
Instrument :
 BNA_N
 ClientSampleId :
 MW17811-20220621

Tgt Ion: 42 Resp: 101
 Ion Ratio Lower Upper
 42 100
 74 0.0 84.0 126.0#
 44 0.0 9.8 14.8#



#4
 2-Fluorophenol
 Concen: 0.142 ng
 RT: 5.348 min Scan# 314
 Delta R.T. 0.000 min
 Lab File: BN020546.D
 Acq: 28 Jun 2022 22:37

Tgt Ion: 112 Resp: 1240
 Ion Ratio Lower Upper
 112 100
 64 61.7 49.1 73.7
 63 32.4 26.3 39.5

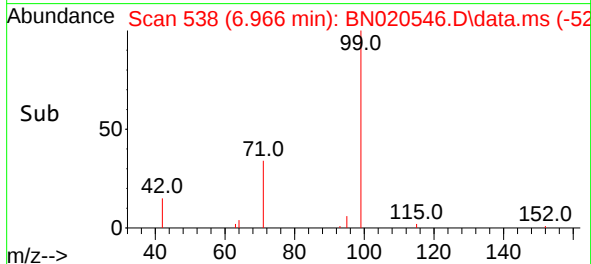
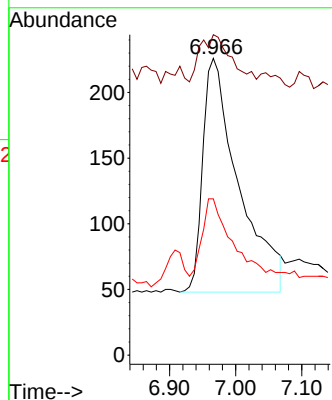
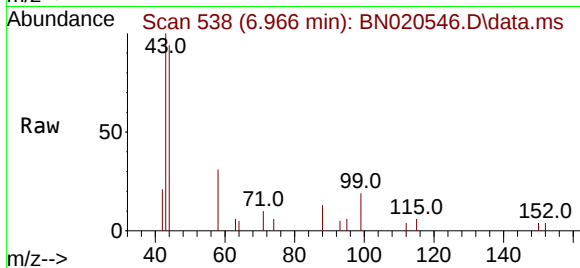




#5
Phenol-d6
Concen: 0.064 ng
RT: 6.966 min Scan# 51
Delta R.T. 0.022 min
Lab File: BN020546.D
Acq: 28 Jun 2022 22:37

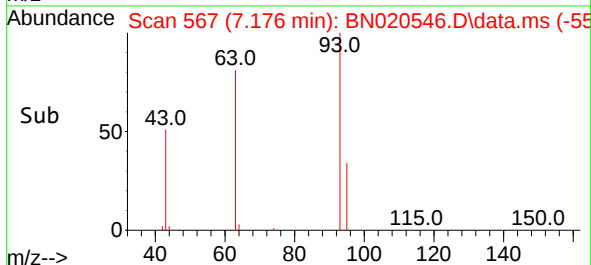
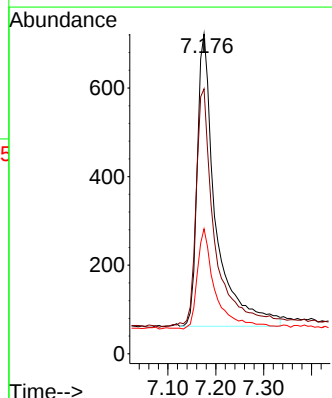
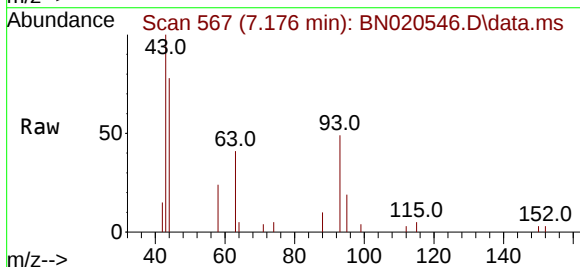
Instrument :
BNA_N
ClientSampleId :
MW17811-20220621

Tgt Ion: 99 Resp: 668
Ion Ratio Lower Upper
99 100
42 17.1 19.3 28.9#
71 29.6 27.5 41.3



#6
bis(2-Chloroethyl)ether
Concen: 0.198 ng
RT: 7.176 min Scan# 567
Delta R.T. 0.007 min
Lab File: BN020546.D
Acq: 28 Jun 2022 22:37

Tgt Ion: 93 Resp: 1779
Ion Ratio Lower Upper
93 100
63 84.8 67.4 101.0
95 33.8 26.5 39.7

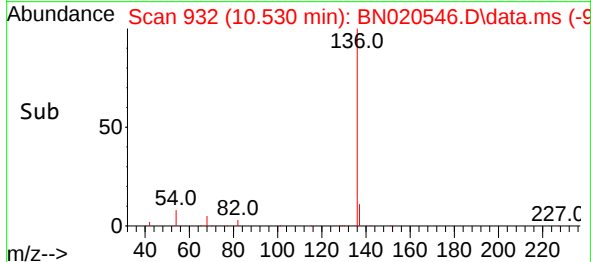
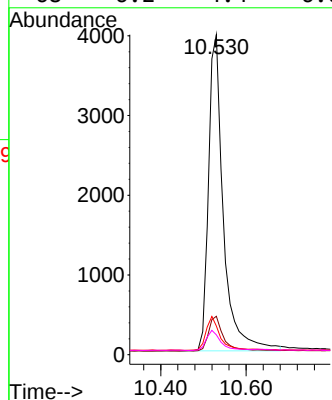
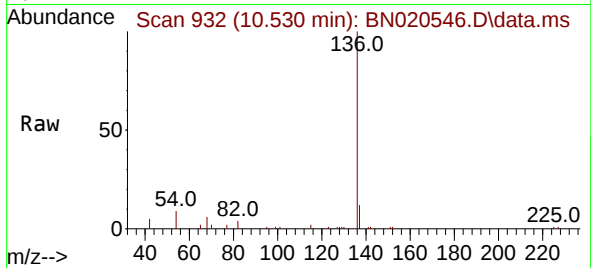




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.530 min Scan# 91
Delta R.T. 0.011 min
Lab File: BN020546.D
Acq: 28 Jun 2022 22:37

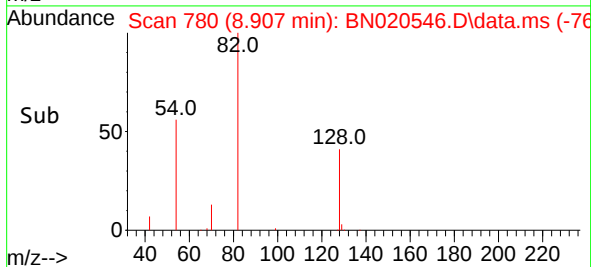
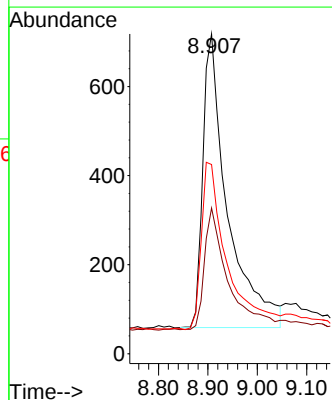
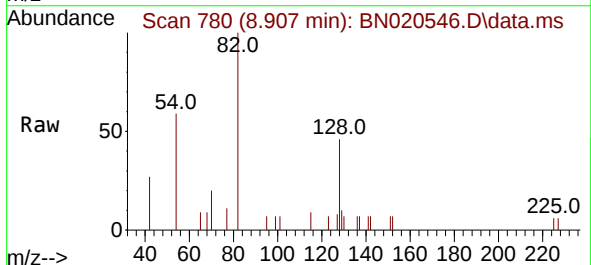
Instrument :
BNA_N
ClientSampleId :
MW17811-20220621

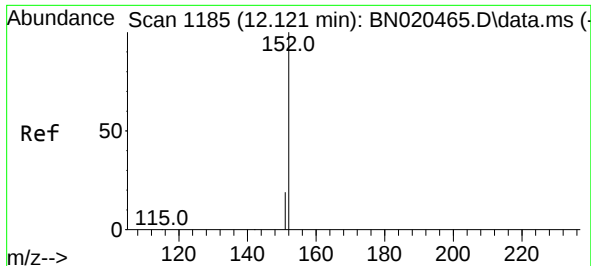
Tgt Ion:136	Resp:	9565
Ion Ratio	Lower	Upper
136	100	
137	12.0	9.0 13.6
54	9.0	6.2 9.2
68	6.2	4.4 6.6



#8
Nitrobenzene-d5
Concen: 0.294 ng
RT: 8.907 min Scan# 780
Delta R.T. 0.011 min
Lab File: BN020546.D
Acq: 28 Jun 2022 22:37

Tgt Ion: 82	Resp:	2276
Ion Ratio	Lower	Upper
82	100	
128	45.5	35.0 52.6
54	59.2	46.2 69.4

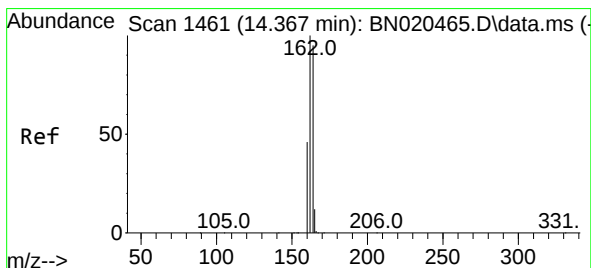
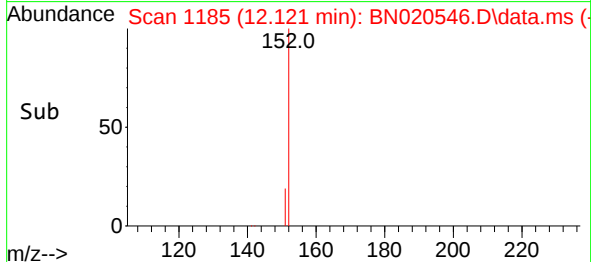
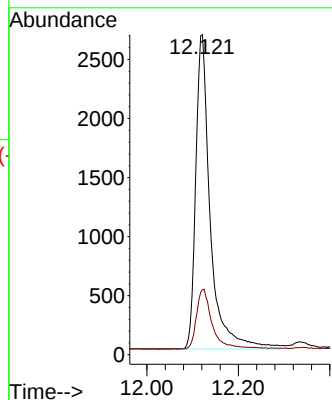
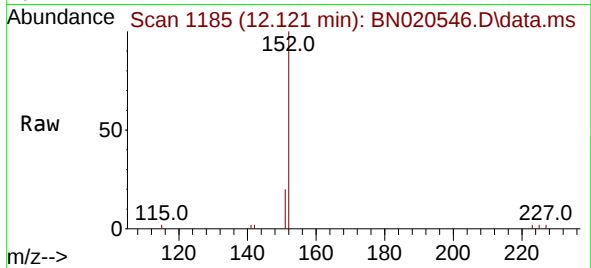




#11
2-Methylnaphthalene-d10
Concen: 0.359 ng
RT: 12.121 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN020546.D
Acq: 28 Jun 2022 22:37

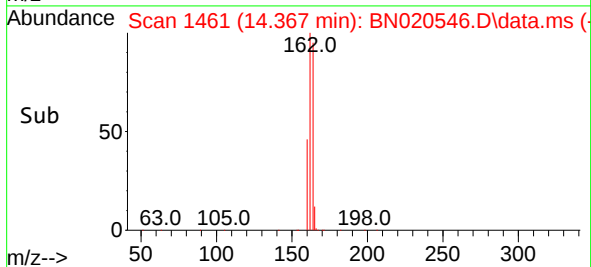
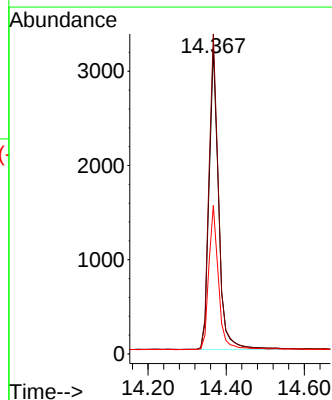
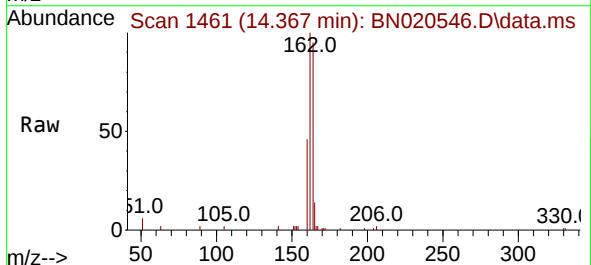
Instrument :
BNA_N
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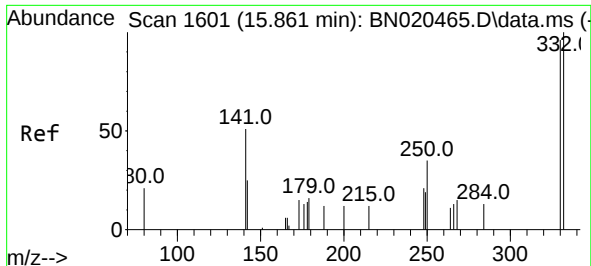
Tgt Ion:152 Resp: 5881
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.367 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BN020546.D
Acq: 28 Jun 2022 22:37

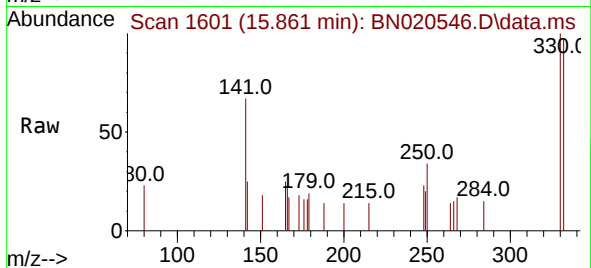
Tgt Ion:164 Resp: 5442
Ion Ratio Lower Upper
164 100
162 104.7 82.1 123.1
160 48.6 38.6 58.0



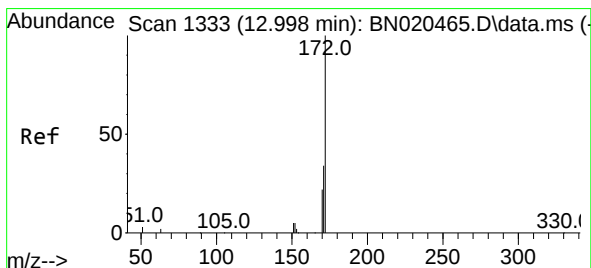
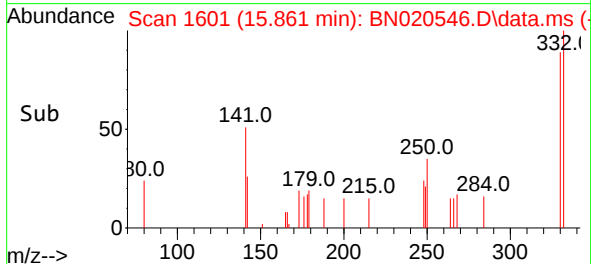
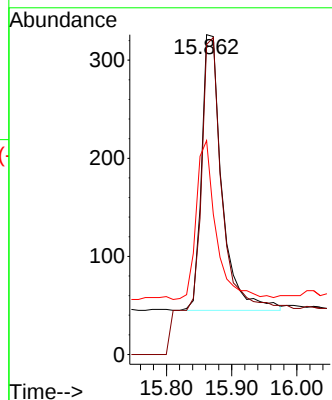


#14
2,4,6-Tribromophenol
Concen: 0.298 ng
RT: 15.861 min Scan# 1601
Delta R.T. 0.000 min
Lab File: BN020546.D
Acq: 28 Jun 2022 22:37

Instrument :
BNA_N
ClientSampleId :
MW17811-20220621

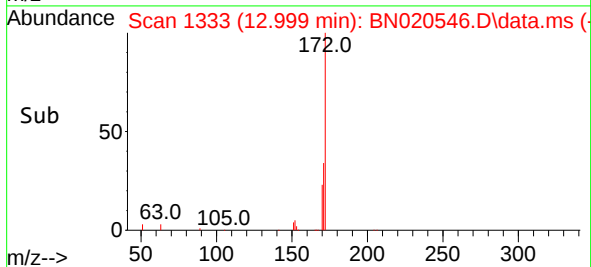
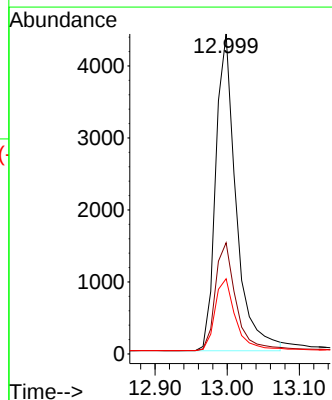
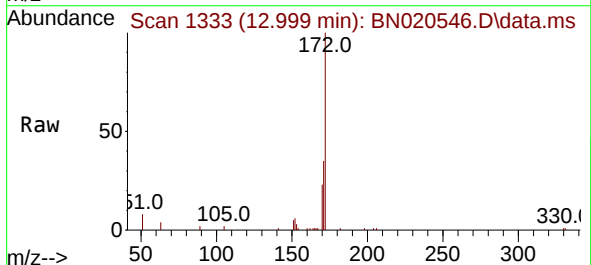


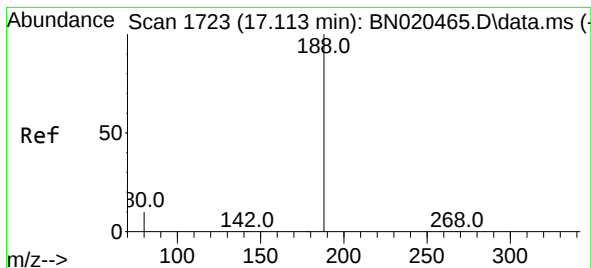
Tgt Ion:330 Resp: 611
Ion Ratio Lower Upper
330 100
332 169.1 77.6 116.4#
141 56.3 41.0 61.4



#15
2-Fluorobiphenyl
Concen: 0.384 ng
RT: 12.999 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BN020546.D
Acq: 28 Jun 2022 22:37

Tgt Ion:172 Resp: 8618
Ion Ratio Lower Upper
172 100
171 34.7 27.2 40.8
170 23.5 18.2 27.4





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.113 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN020546.D

Acq: 28 Jun 2022 22:37

Instrument :

BNA_N

ClientSampleId :

MW17811-20220621

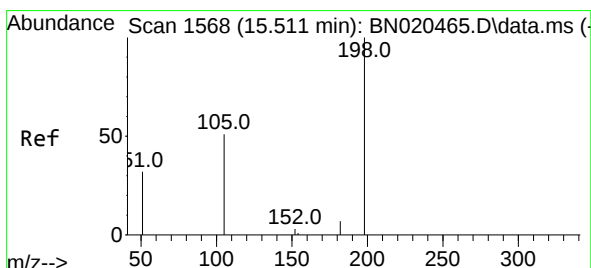
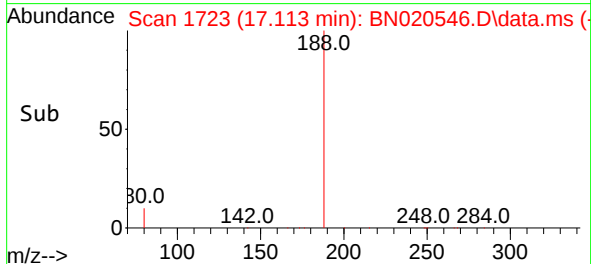
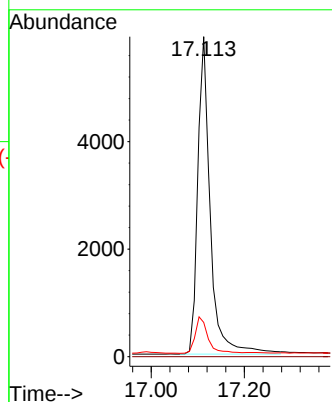
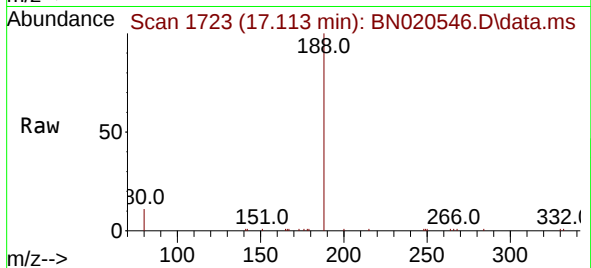
Tgt Ion:188 Resp: 11038

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.7 7.4 11.2



#20

4,6-Dinitro-2-methylphenol

Concen: 0.227 ng

RT: 15.511 min Scan# 1568

Delta R.T. -0.000 min

Lab File: BN020546.D

Acq: 28 Jun 2022 22:37

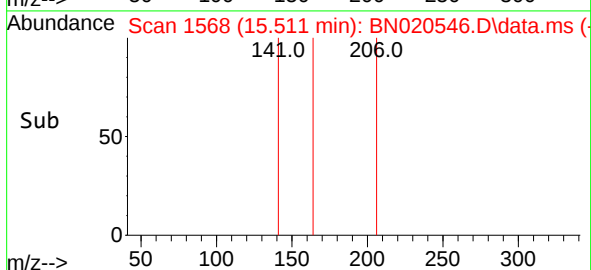
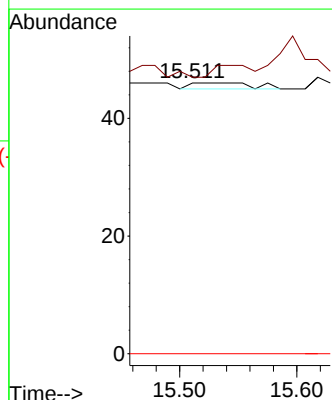
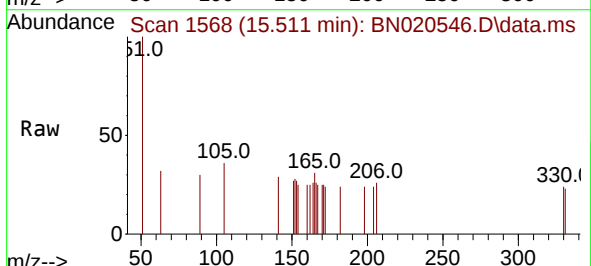
Tgt Ion:198 Resp: 4

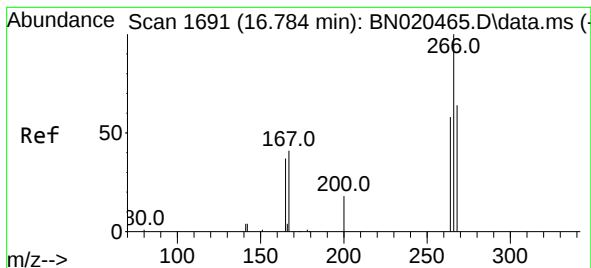
Ion Ratio Lower Upper

198 100

182 102.2 12.1 18.1#

77 0.0 0.0 0.0





#24

Pentachlorophenol

Concen: 0.185 ng

RT: 16.795 min Scan# 1

Delta R.T. 0.011 min

Lab File: BN020546.D

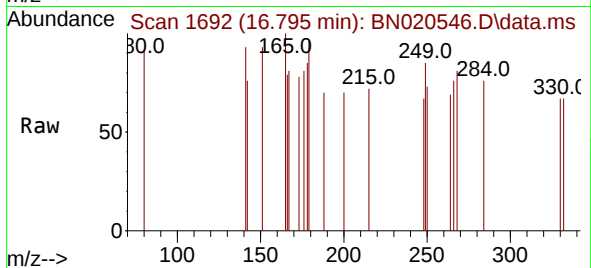
Acq: 28 Jun 2022 22:37

Instrument :

BNA_N

ClientSampleId :

MW17811-20220621



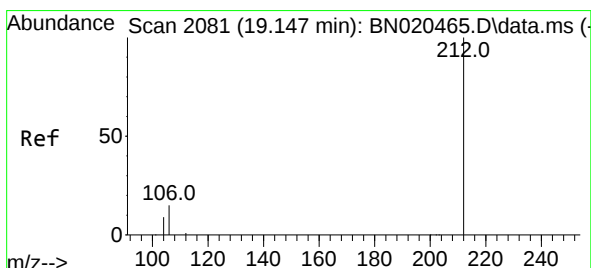
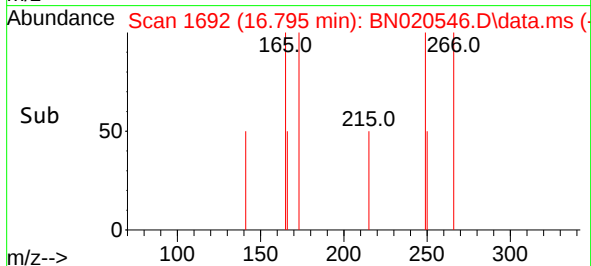
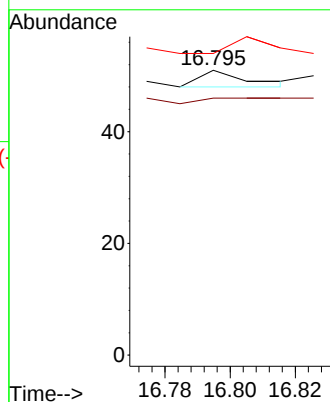
Tgt Ion:266 Resp: 3

Ion Ratio Lower Upper

266 100

264 0.0 51.3 76.9#

268 200.0 52.6 79.0#



#27

Fluoranthene-d10

Concen: 0.380 ng

RT: 19.143 min Scan# 2080

Delta R.T. -0.004 min

Lab File: BN020546.D

Acq: 28 Jun 2022 22:37

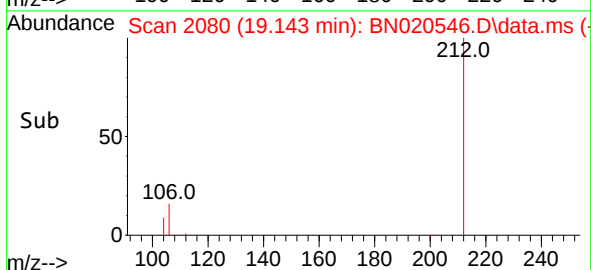
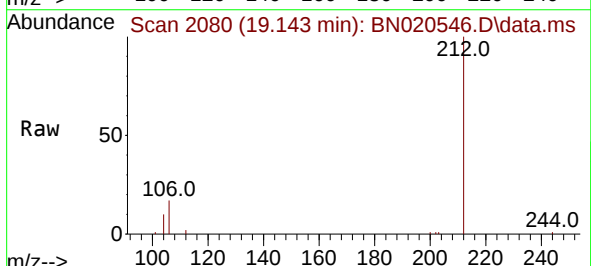
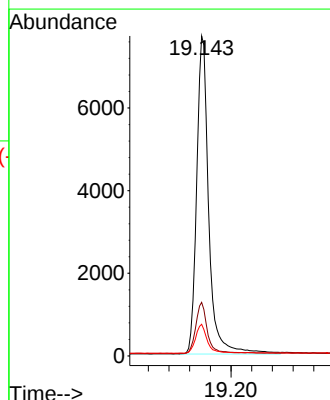
Tgt Ion:212 Resp: 12462

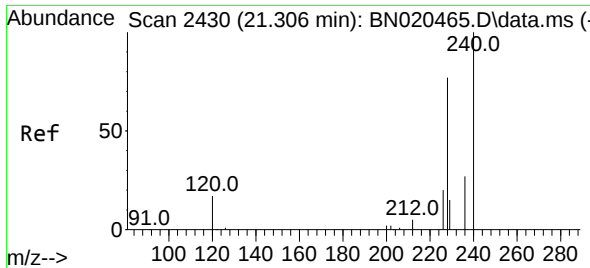
Ion Ratio Lower Upper

212 100

106 15.5 12.6 19.0

104 8.7 7.2 10.8

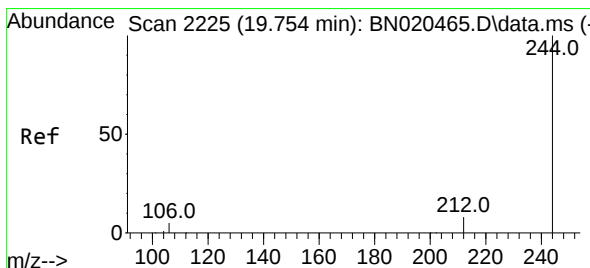
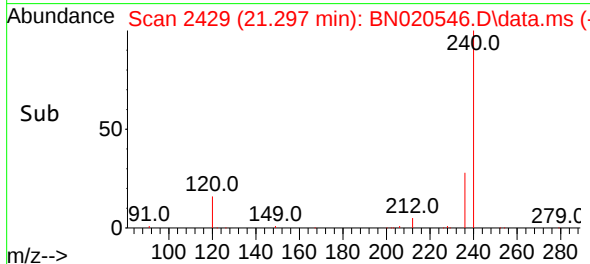
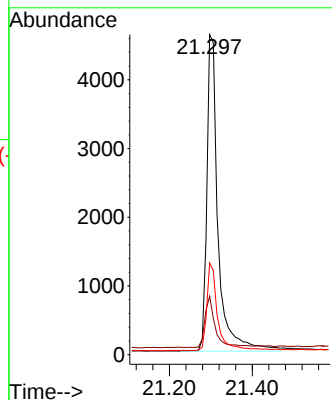
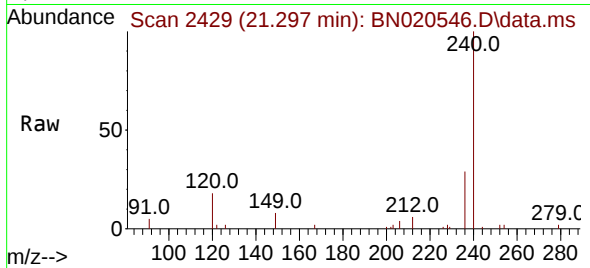




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.297 min Scan# 2429
Delta R.T. -0.009 min
Lab File: BN020546.D
Acq: 28 Jun 2022 22:37

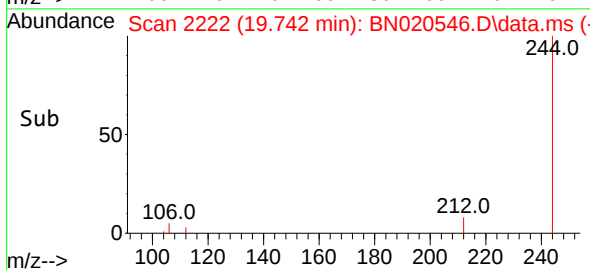
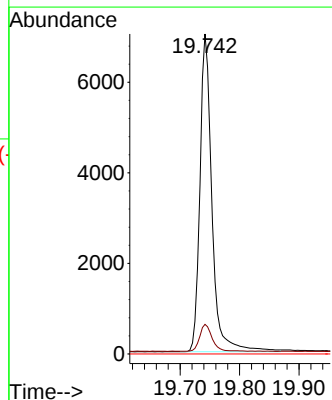
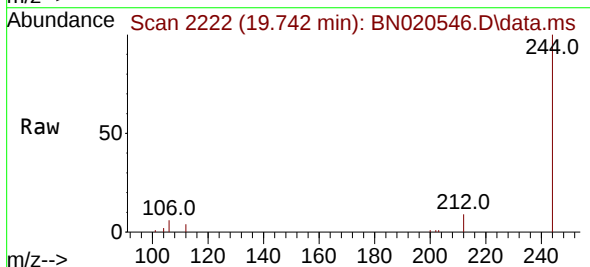
Instrument :
BNA_N
ClientSampleId :
MW17811-20220621

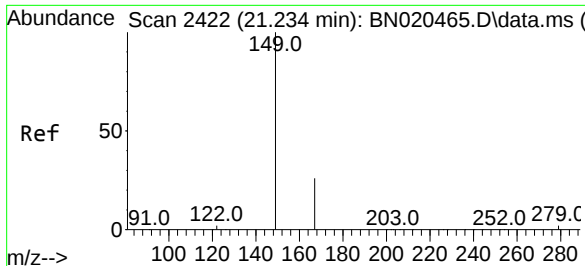
Tgt Ion:240 Resp: 8670
Ion Ratio Lower Upper
240 100
120 18.2 14.6 21.8
236 28.6 22.6 33.8



#31
Terphenyl-d14
Concen: 0.476 ng
RT: 19.742 min Scan# 2222
Delta R.T. -0.013 min
Lab File: BN020546.D
Acq: 28 Jun 2022 22:37

Tgt Ion:244 Resp: 9871
Ion Ratio Lower Upper
244 100
212 9.3 7.1 10.7
122 0.0 0.0 0.0

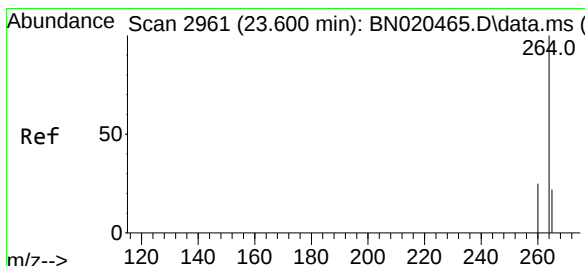
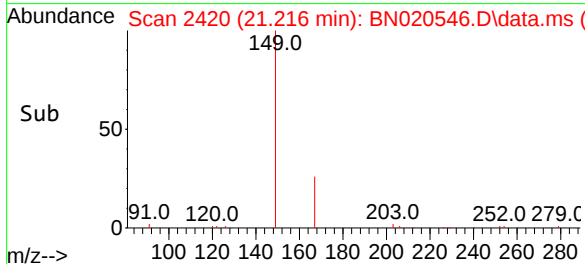
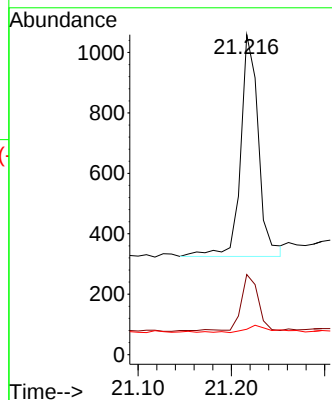
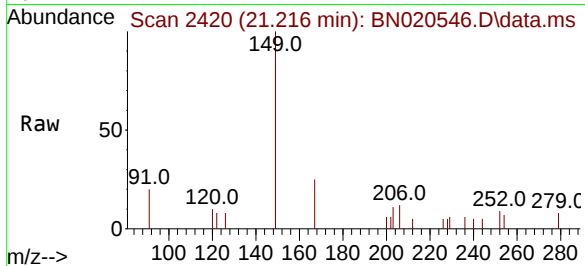




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.056 ng
 RT: 21.216 min Scan# 2422
 Delta R.T. -0.018 min
 Lab File: BN020546.D
 Acq: 28 Jun 2022 22:37

Instrument :
 BNA_N
 ClientSampleId :
 MW17811-20220621

Tgt Ion:149 Resp: 975
 Ion Ratio Lower Upper
 149 100
 167 23.2 21.7 32.5
 279 4.8 2.2 3.2#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.580 min Scan# 2954
 Delta R.T. -0.020 min
 Lab File: BN020546.D
 Acq: 28 Jun 2022 22:37

Tgt Ion:264 Resp: 6710
 Ion Ratio Lower Upper
 264 100
 260 26.8 20.9 31.3
 265 42.6 28.0 42.0#

