

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062622\
 Data File : BN020476.D
 Acq On : 26 Jun 2022 21:54
 Operator : CG/JU
 Sample : N3354-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-49

Quant Time: Jun 27 02:52:12 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)

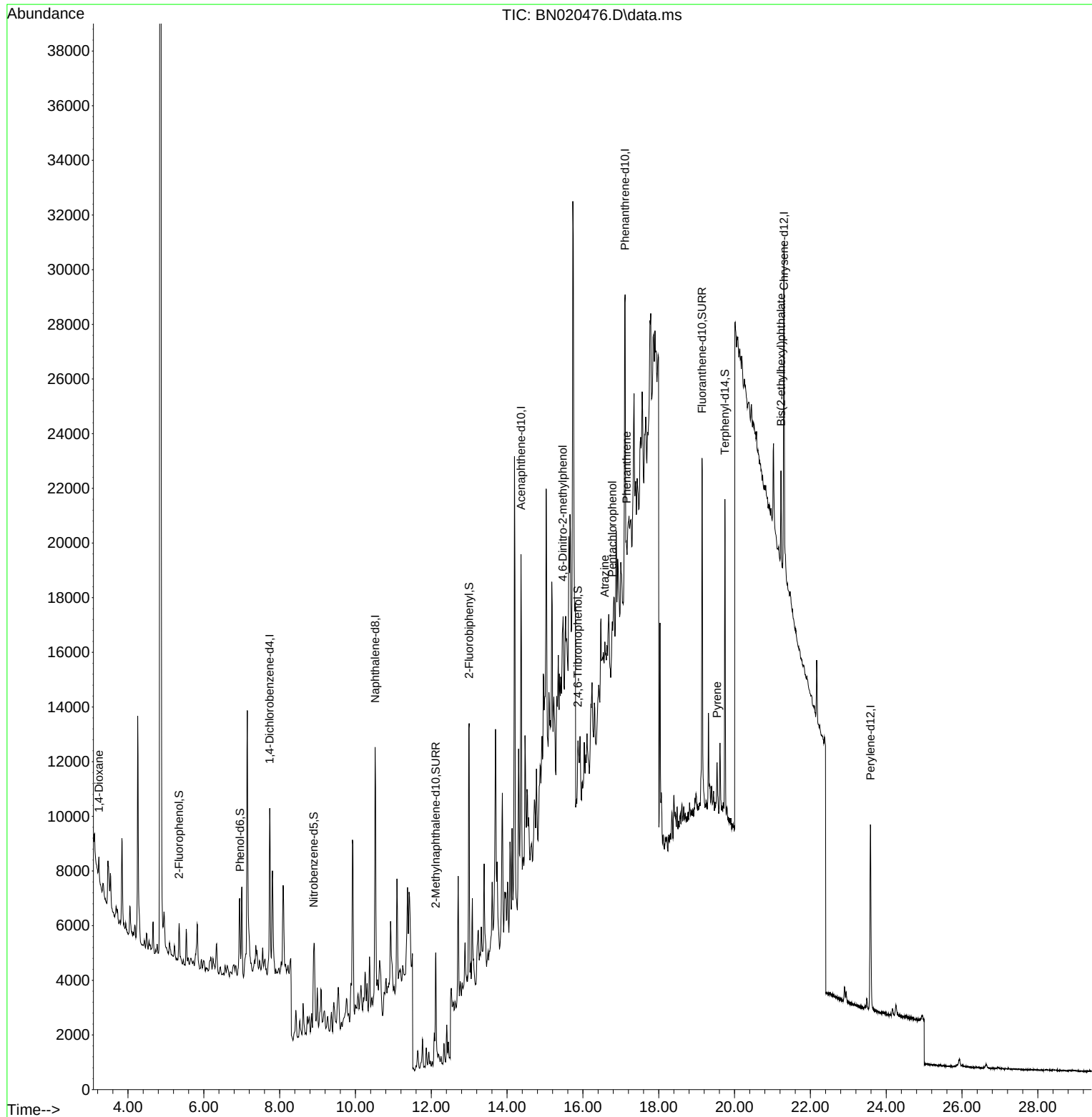
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.739	152	3107	0.400	ng	0.00
7) Naphthalene-d8	10.519	136	10525	0.400	ng	# 0.00
13) Acenaphthene-d10	14.367	164	7158	0.400	ng	0.00
19) Phenanthrene-d10	17.113	188	13442	0.400	ng	# 0.00
29) Chrysene-d12	21.306	240	11561	0.400	ng	0.00
35) Perylene-d12	23.586	264	9216	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	1322	0.153	ng	0.00
5) Phenol-d6	6.951	99	1133	0.110	ng	0.00
8) Nitrobenzene-d5	8.896	82	2436	0.286	ng	0.00
11) 2-Methylnaphthalene-d10	12.117	152	6588	0.365	ng	0.00
14) 2,4,6-Tribromophenol	15.861	330	1113	0.413	ng	0.00
15) 2-Fluorobiphenyl	12.998	172	8242	0.279	ng	0.00
27) Fluoranthene-d10	19.143	212	14593	0.365	ng	0.00
31) Terphenyl-d14	19.746	244	12257	0.444	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.232	88	251	0.062	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.468	198	36	0.239	ng	# 1
23) Atrazine	16.579	200	489	0.079	ng	# 1
24) Pentachlorophenol	16.774	266	28	0.194	ng	# 55
25) Phenanthrene	17.154	178	1618	0.036	ng	# 62
30) Pyrene	19.539	202	1998	0.041	ng	# 87
34) Bis(2-ethylhexyl)phtha...	21.225	149	3029	0.130	ng	# 99

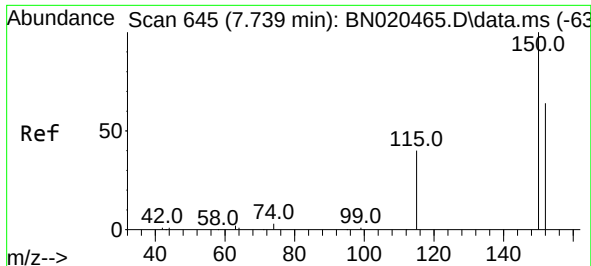
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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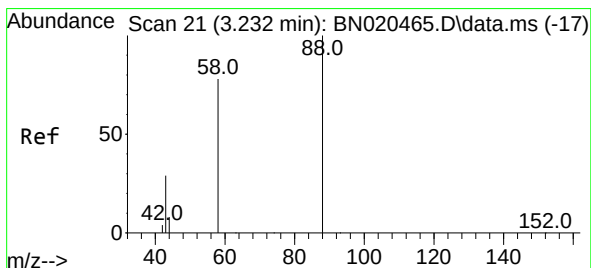
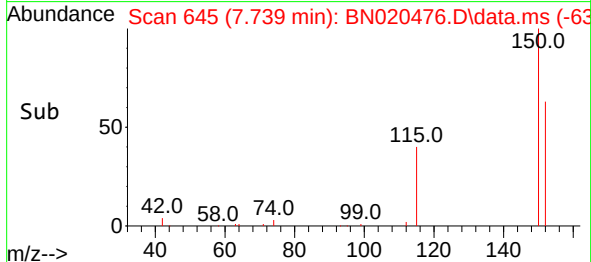
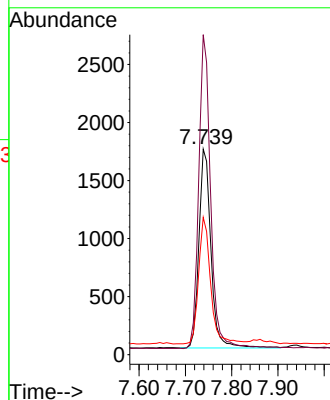
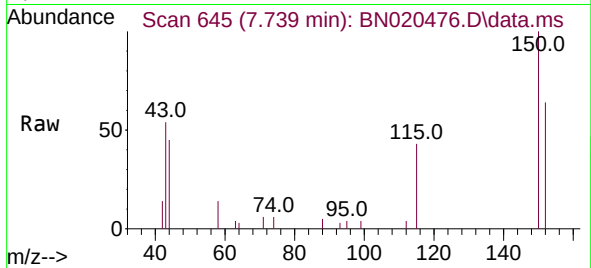




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.739 min Scan# 645
 Delta R.T. -0.000 min
 Lab File: BN020476.D
 Acq: 26 Jun 2022 21:54

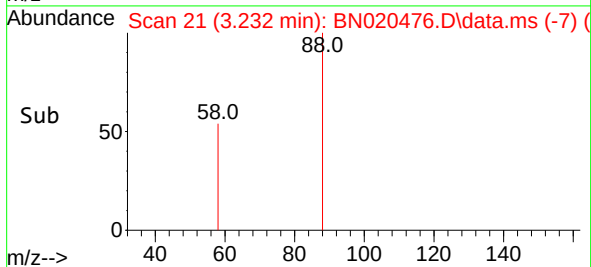
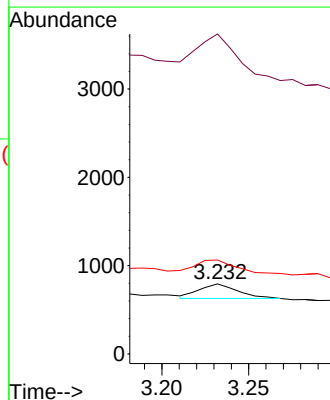
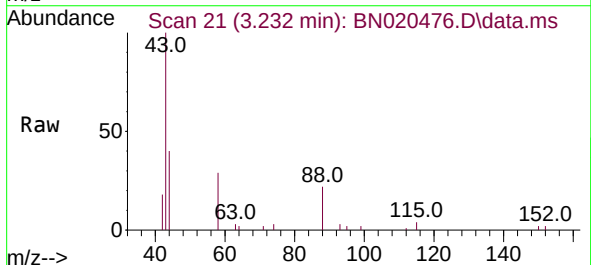
Instrument :
 BNA_N
 ClientSampleId :
 MW-49

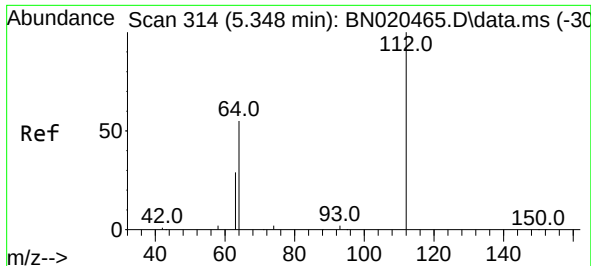
Tgt Ion:152 Resp: 3107
 Ion Ratio Lower Upper
 152 100
 150 155.6 127.9 191.9
 115 66.8 51.4 77.2



#2
 1,4-Dioxane
 Concen: 0.062 ng
 RT: 3.232 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN020476.D
 Acq: 26 Jun 2022 21:54

Tgt Ion: 88 Resp: 251
 Ion Ratio Lower Upper
 88 100
 43 340.6 30.2 45.2#
 58 98.8 73.0 109.6

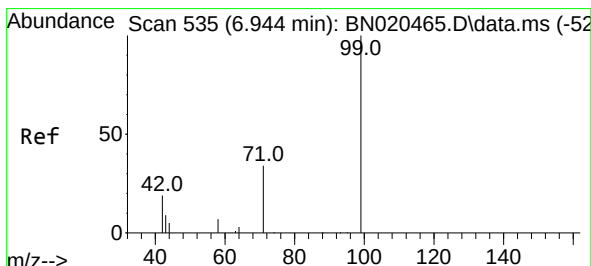
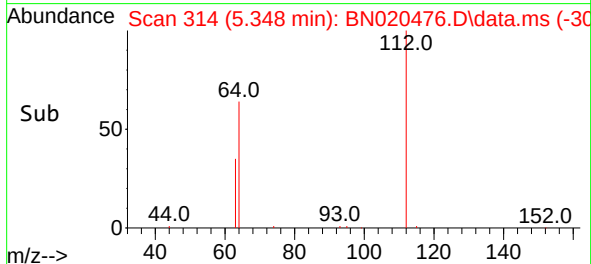
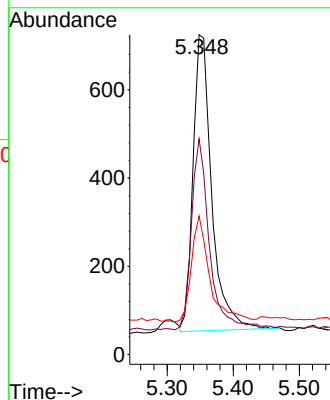
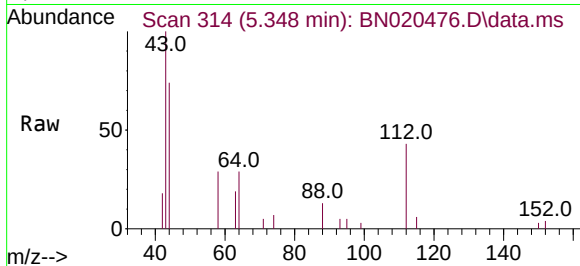




#4
2-Fluorophenol
Concen: 0.153 ng
RT: 5.348 min Scan# 314
Delta R.T. -0.000 min
Lab File: BN020476.D
Acq: 26 Jun 2022 21:54

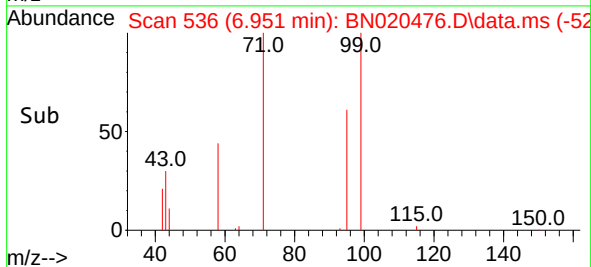
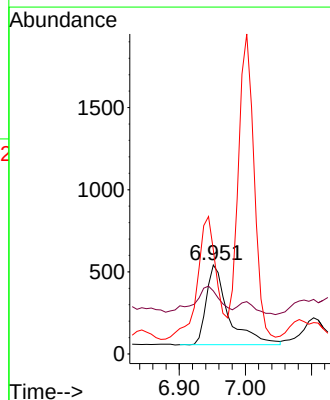
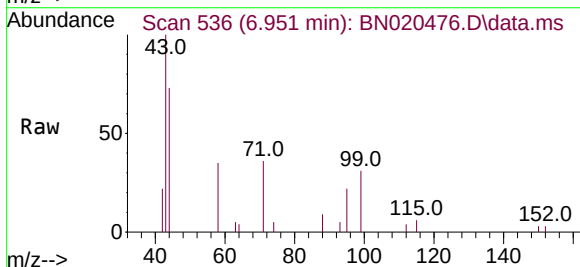
Instrument :
BNA_N
ClientSampleId :
MW-49

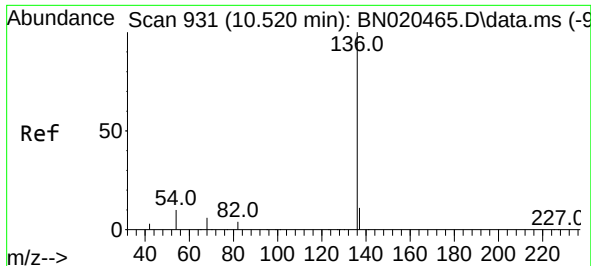
Tgt Ion:112 Resp: 1322
Ion Ratio Lower Upper
112 100
64 63.2 49.1 73.7
63 34.9 26.3 39.5



#5
Phenol-d6
Concen: 0.110 ng
RT: 6.951 min Scan# 536
Delta R.T. 0.007 min
Lab File: BN020476.D
Acq: 26 Jun 2022 21:54

Tgt Ion: 99 Resp: 1133
Ion Ratio Lower Upper
99 100
42 35.8 19.3 28.9#
71 134.7 27.5 41.3#

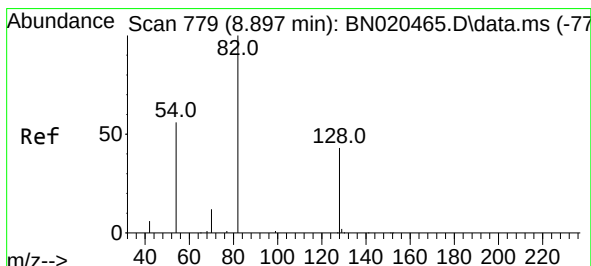
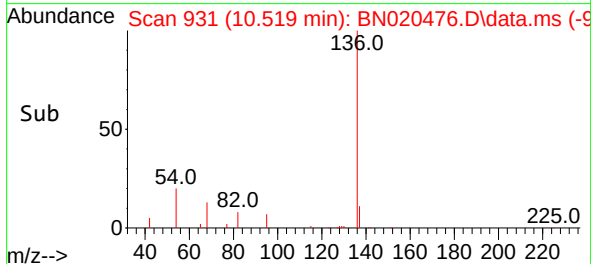
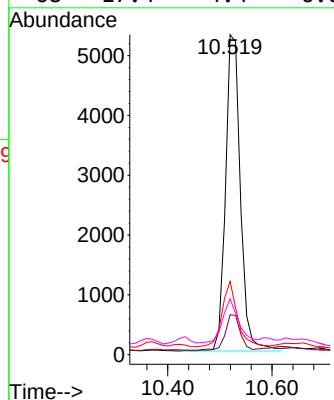
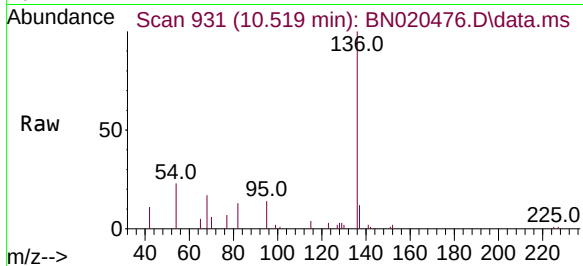




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.519 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN020476.D
Acq: 26 Jun 2022 21:54

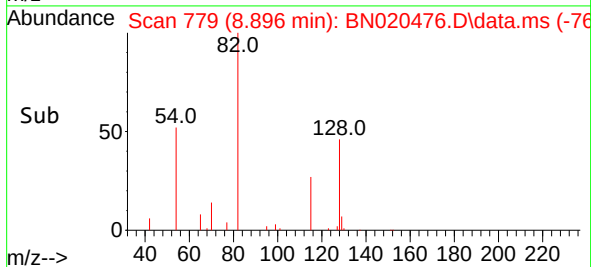
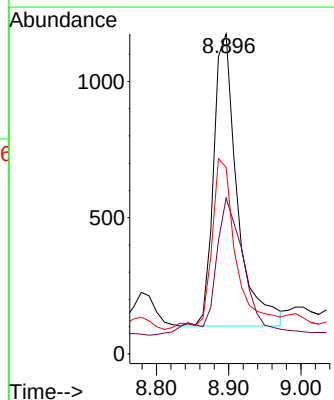
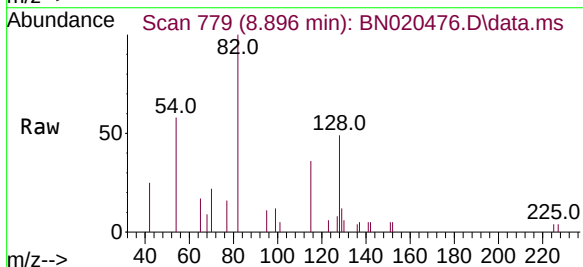
Instrument :
BNA_N
ClientSampleId :
MW-49

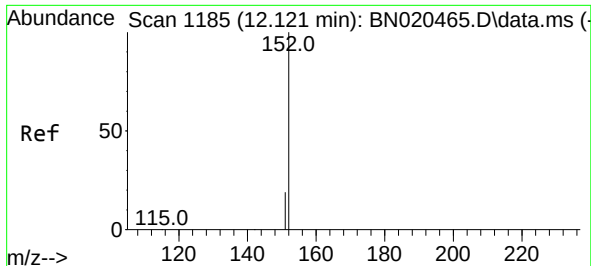
Tgt Ion:	136	Resp:	10525
Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.0	13.6
54	22.9	6.2	9.2#
68	17.4	4.4	6.6#



#8
Nitrobenzene-d5
Concen: 0.286 ng
RT: 8.896 min Scan# 779
Delta R.T. -0.000 min
Lab File: BN020476.D
Acq: 26 Jun 2022 21:54

Tgt Ion:	82	Resp:	2436
Ion	Ratio	Lower	Upper
82	100		
128	48.7	35.0	52.6
54	58.3	46.2	69.4





#11

2-Methylnaphthalene-d10

Concen: 0.365 ng

RT: 12.117 min Scan# 1184

Delta R.T. -0.004 min

Lab File: BN020476.D

Acq: 26 Jun 2022 21:54

Instrument :

BNA_N

ClientSampleId :

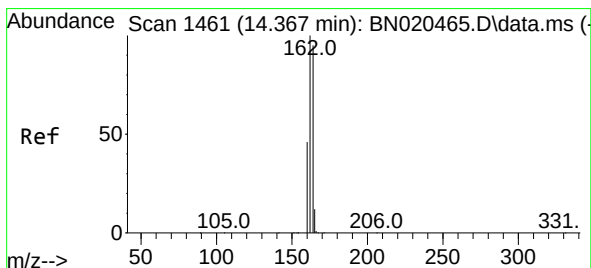
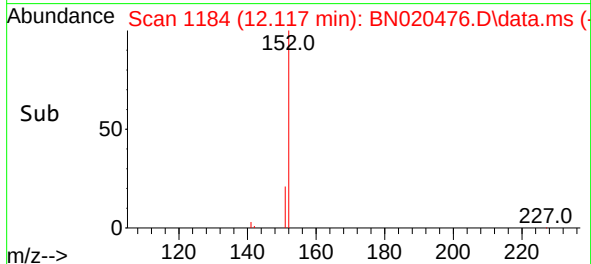
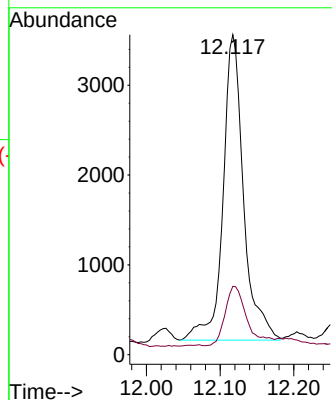
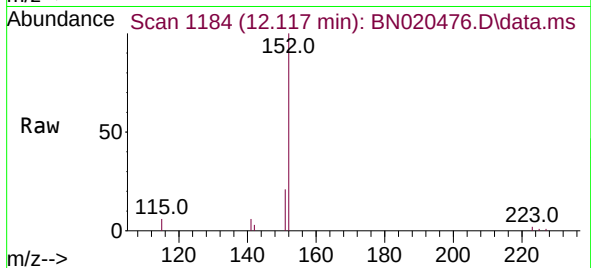
MW-49

Tgt Ion:152 Resp: 6588

Ion Ratio Lower Upper

152 100

151 20.8 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: BN020476.D

Acq: 26 Jun 2022 21:54

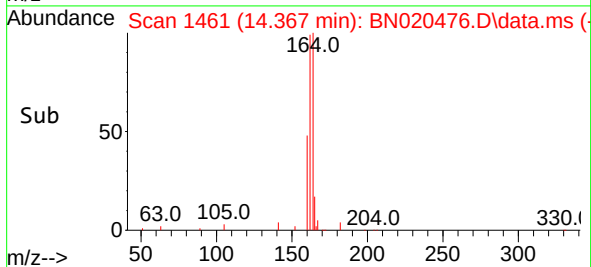
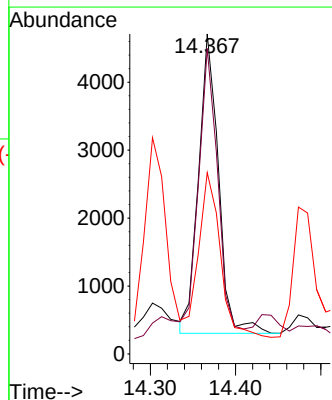
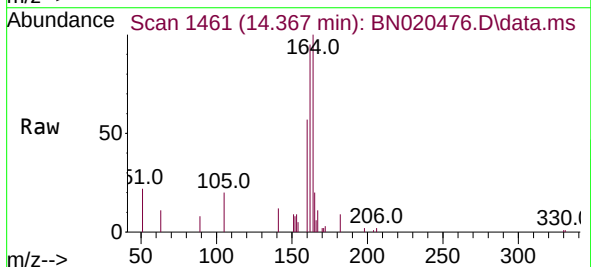
Tgt Ion:164 Resp: 7158

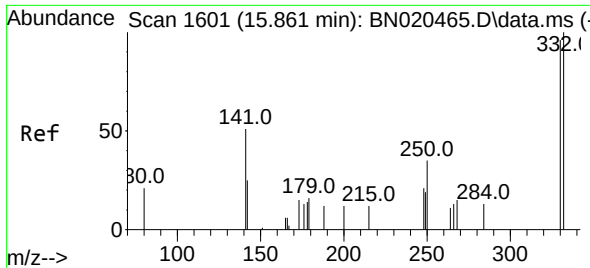
Ion Ratio Lower Upper

164 100

162 95.4 82.1 123.1

160 56.6 38.6 58.0

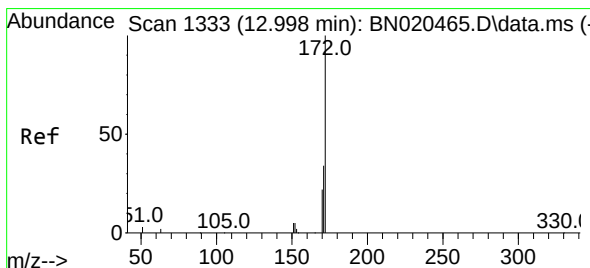
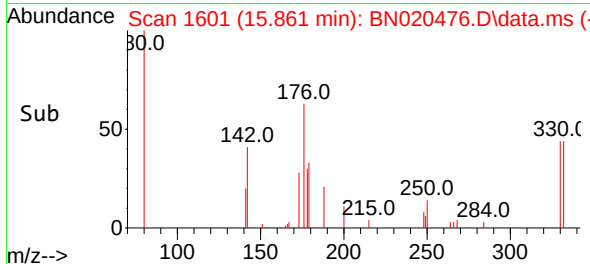
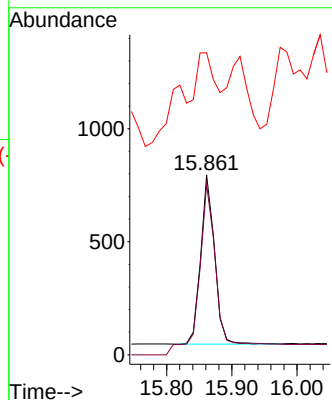
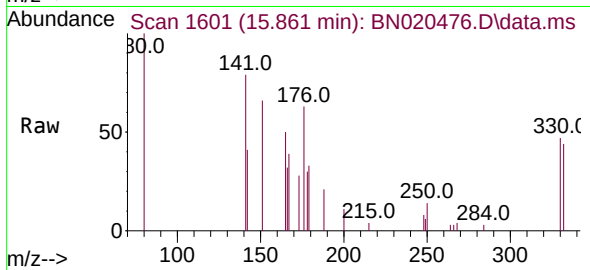




#14
2,4,6-Tribromophenol
Concen: 0.413 ng
RT: 15.861 min Scan# 1601
Delta R.T. -0.000 min
Lab File: BN020476.D
Acq: 26 Jun 2022 21:54

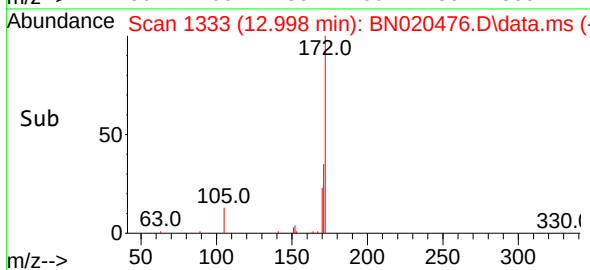
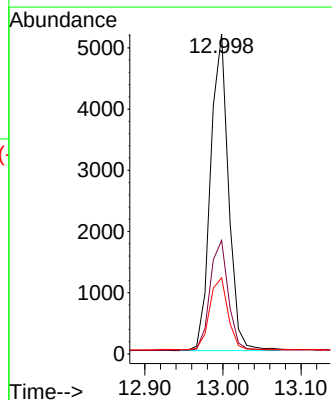
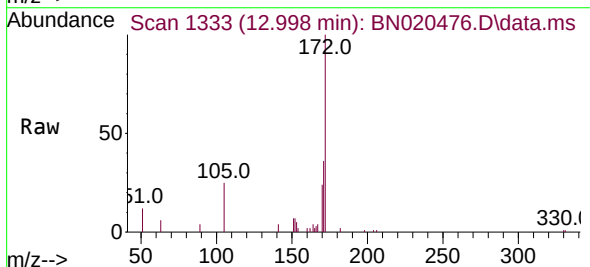
Instrument :
BNA_N
ClientSampleId :
MW-49

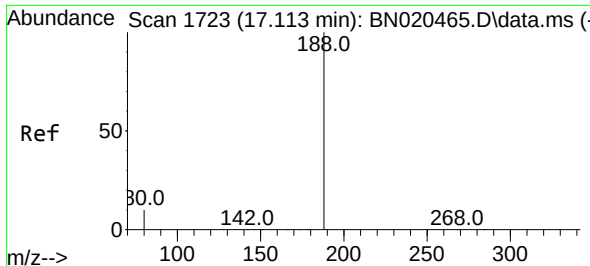
Tgt Ion:330 Resp: 1113
Ion Ratio Lower Upper
330 100
332 136.7 77.6 116.4#
141 74.1 41.0 61.4#



#15
2-Fluorobiphenyl
Concen: 0.279 ng
RT: 12.998 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BN020476.D
Acq: 26 Jun 2022 21:54

Tgt Ion:172 Resp: 8242
Ion Ratio Lower Upper
172 100
171 35.5 27.2 40.8
170 23.8 18.2 27.4

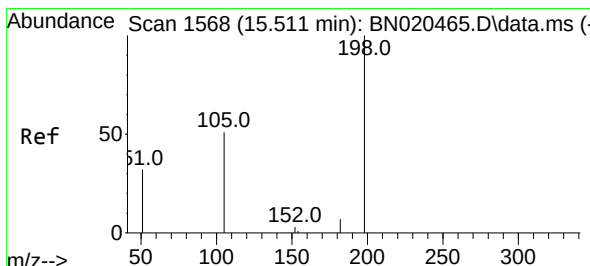
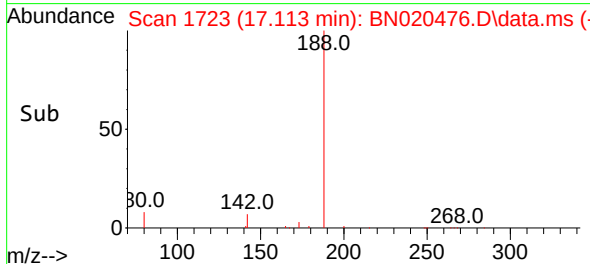
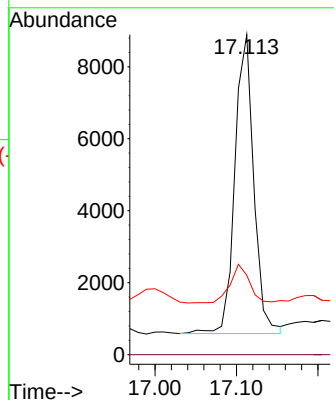
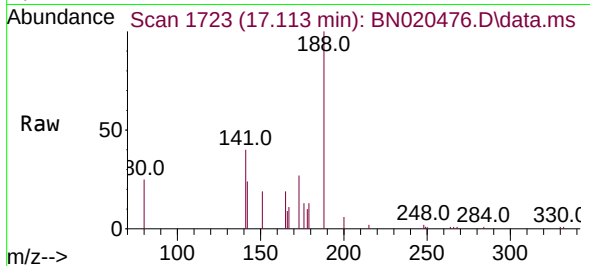




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.113 min Scan# 1723
Delta R.T. -0.000 min
Lab File: BN020476.D
Acq: 26 Jun 2022 21:54

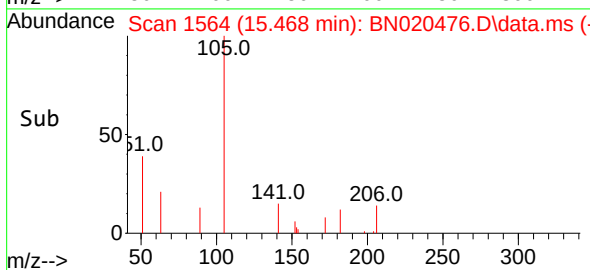
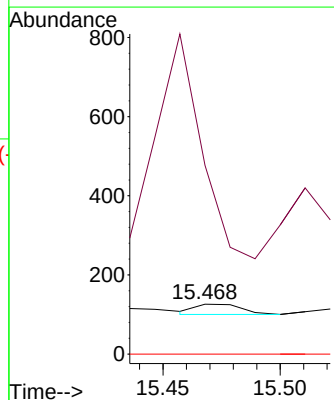
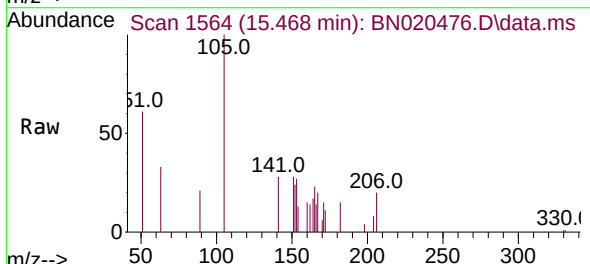
Instrument :
BNA_N
ClientSampleId :
MW-49

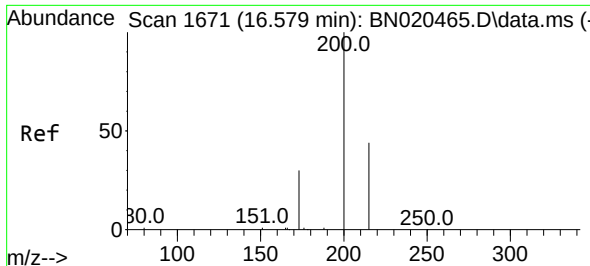
Tgt Ion:188 Resp: 13442
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 24.8 7.4 11.2#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.239 ng
RT: 15.468 min Scan# 1564
Delta R.T. -0.043 min
Lab File: BN020476.D
Acq: 26 Jun 2022 21:54

Tgt Ion:198 Resp: 36
Ion Ratio Lower Upper
198 100
182 378.6 12.1 18.1#
77 0.0 0.0 0.0

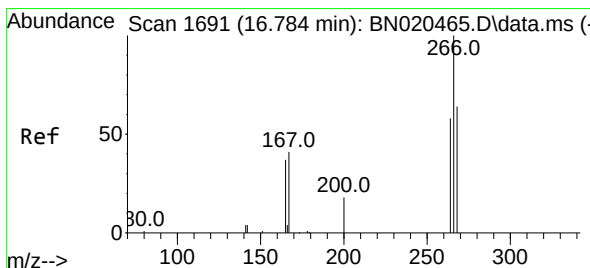
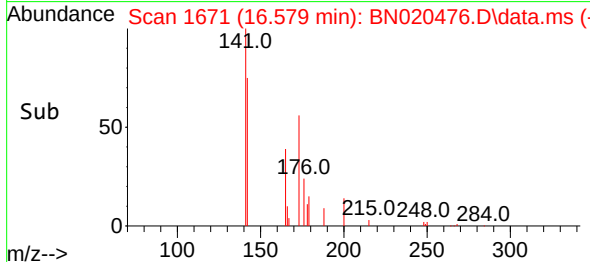
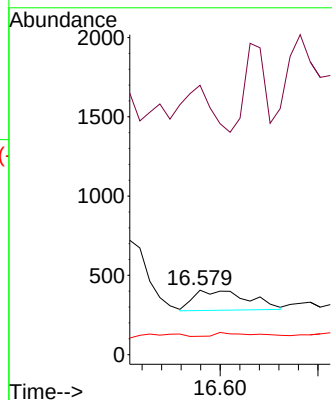
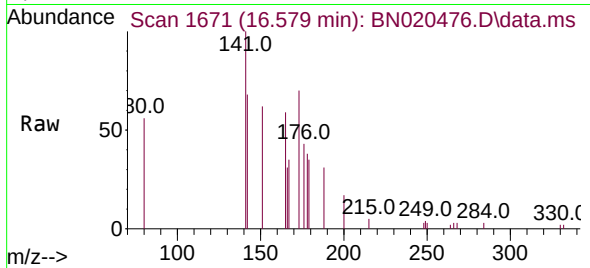




#23
 Atrazine
 Concen: 0.079 ng
 RT: 16.579 min Scan# 1671
 Delta R.T. -0.000 min
 Lab File: BN020476.D
 Acq: 26 Jun 2022 21:54

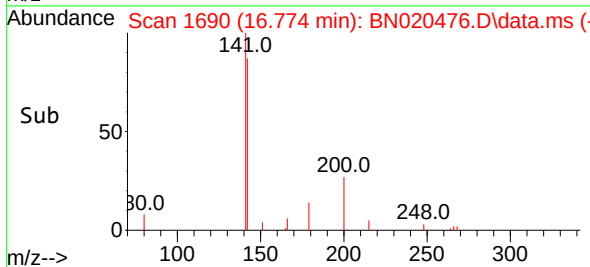
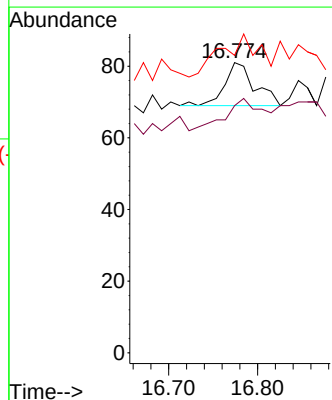
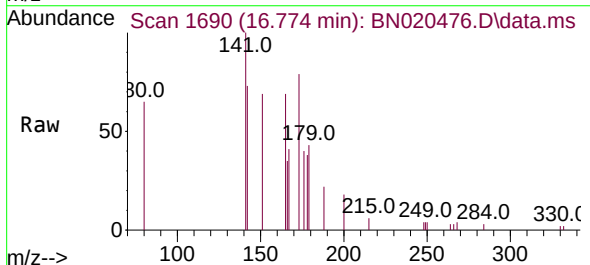
Instrument :
 BNA_N
 ClientSampleId :
 MW-49

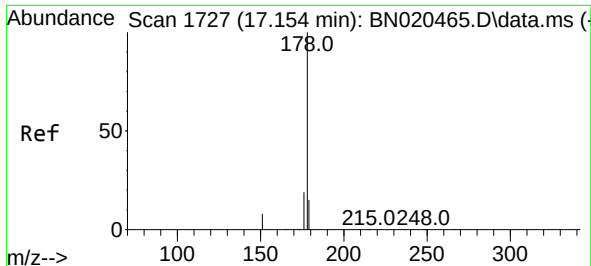
Tgt Ion:200 Resp: 489
 Ion Ratio Lower Upper
 200 100
 173 418.5 23.6 35.4#
 215 28.6 36.6 54.8#



#24
 Pentachlorophenol
 Concen: 0.194 ng
 RT: 16.774 min Scan# 1690
 Delta R.T. -0.010 min
 Lab File: BN020476.D
 Acq: 26 Jun 2022 21:54

Tgt Ion:266 Resp: 28
 Ion Ratio Lower Upper
 266 100
 264 71.4 51.3 76.9
 268 128.6 52.6 79.0#

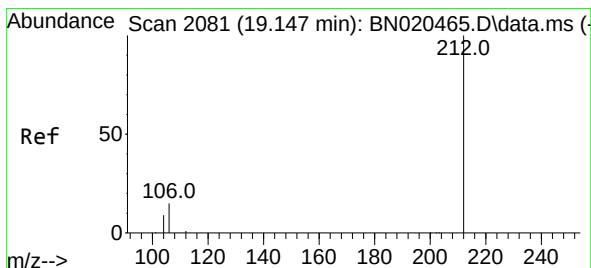
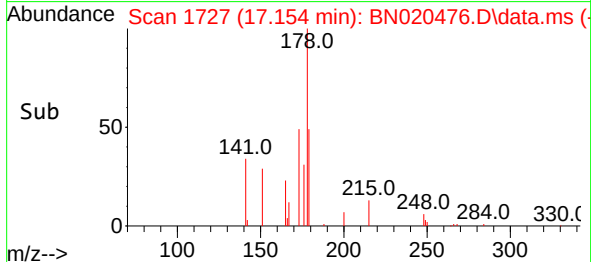
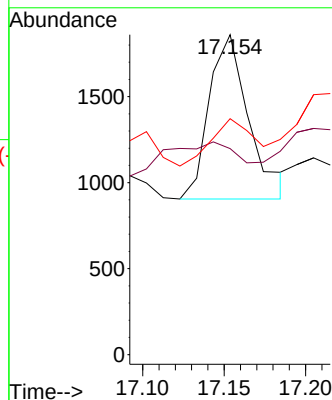
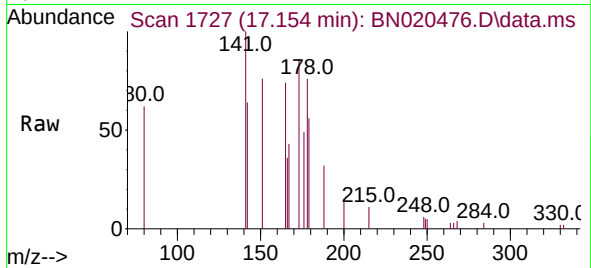




#25
Phenanthrene
Concen: 0.036 ng
RT: 17.154 min Scan# 1727
Delta R.T. -0.000 min
Lab File: BN020476.D
Acq: 26 Jun 2022 21:54

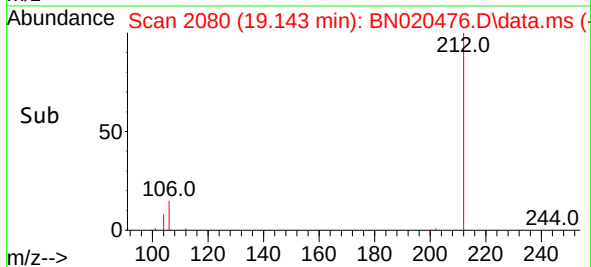
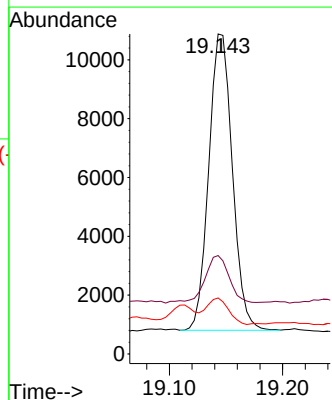
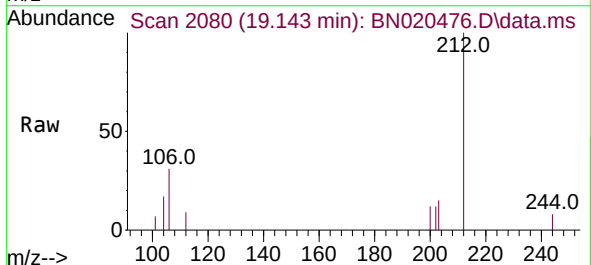
Instrument :
BNA_N
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MW-49

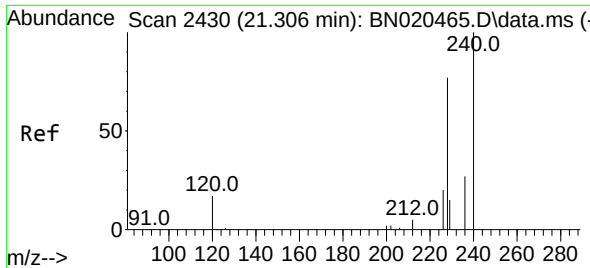
Tgt Ion:178 Resp: 1618
Ion Ratio Lower Upper
178 100
176 36.2 15.3 22.9#
179 31.1 12.2 18.4#



#27
Fluoranthene-d10
Concen: 0.365 ng
RT: 19.143 min Scan# 2080
Delta R.T. -0.004 min
Lab File: BN020476.D
Acq: 26 Jun 2022 21:54

Tgt Ion:212 Resp: 14593
Ion Ratio Lower Upper
212 100
106 16.4 12.6 19.0
104 8.2 7.2 10.8

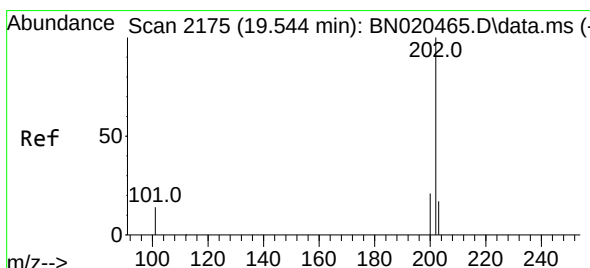
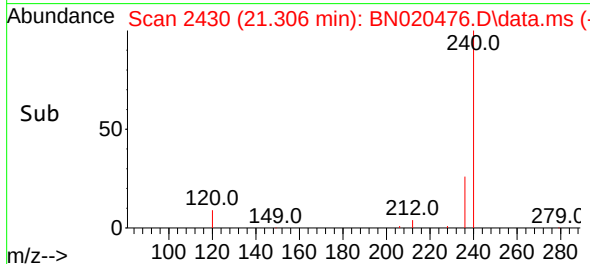
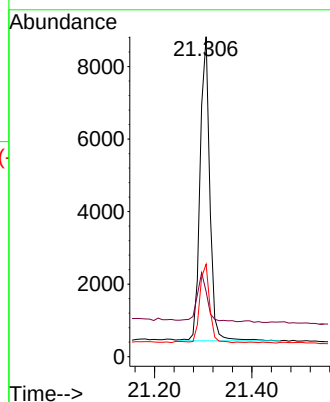
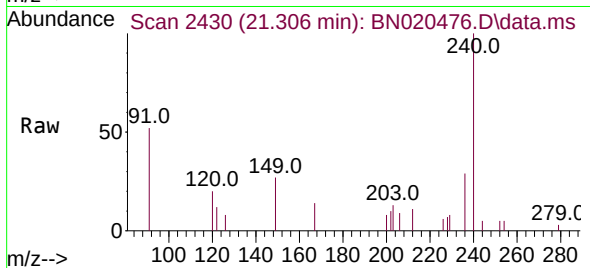




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.306 min Scan# 2430
Delta R.T. -0.000 min
Lab File: BN020476.D
Acq: 26 Jun 2022 21:54

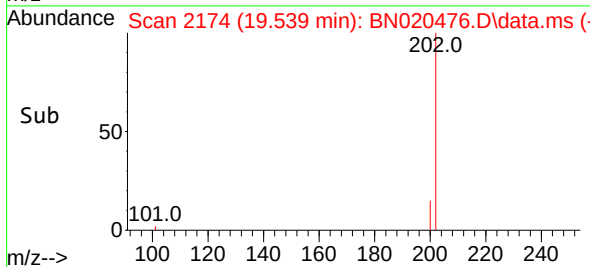
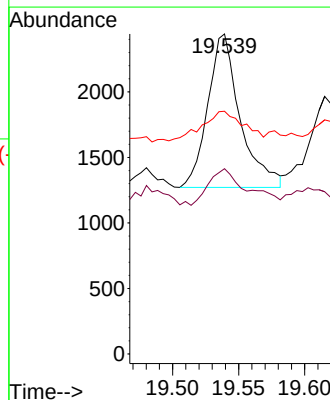
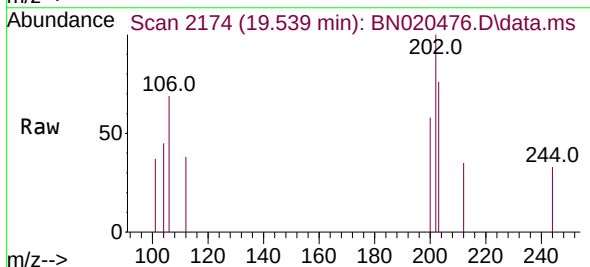
Instrument :
BNA_N
ClientSampleId :
MW-49

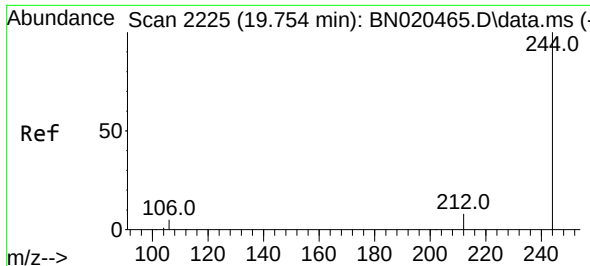
Tgt Ion:240 Resp: 11561
Ion Ratio Lower Upper
240 100
120 20.4 14.6 21.8
236 28.9 22.6 33.8



#30
Pyrene
Concen: 0.041 ng
RT: 19.539 min Scan# 2174
Delta R.T. -0.004 min
Lab File: BN020476.D
Acq: 26 Jun 2022 21:54

Tgt Ion:202 Resp: 1998
Ion Ratio Lower Upper
202 100
200 28.2 16.6 25.0#
203 22.0 14.2 21.2#

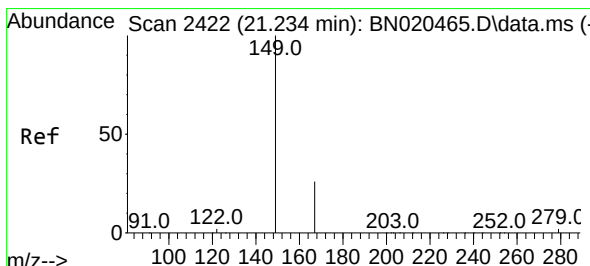
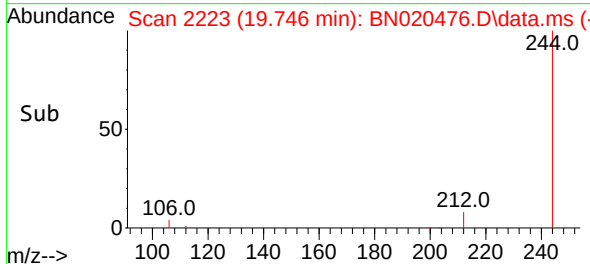
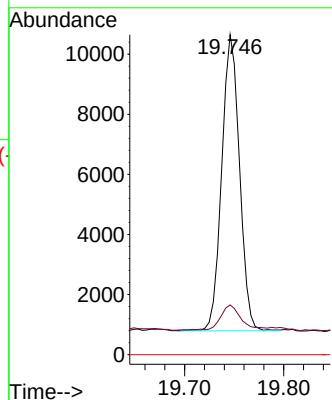
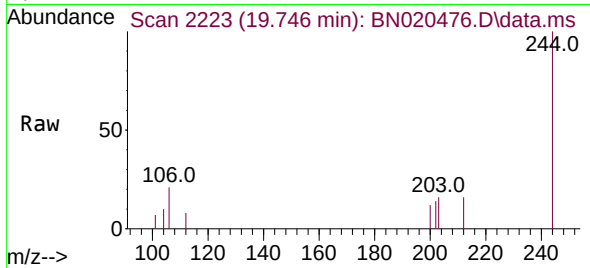




#31
 Terphenyl-d14
 Concen: 0.444 ng
 RT: 19.746 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN020476.D
 Acq: 26 Jun 2022 21:54

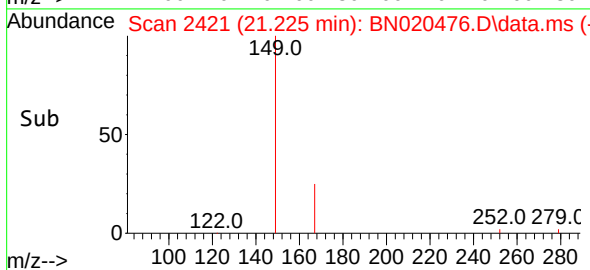
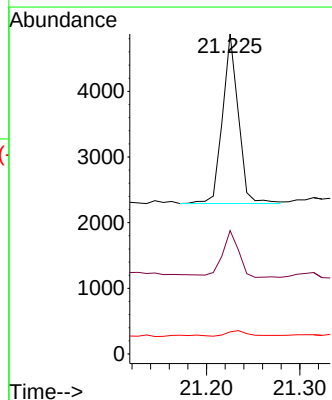
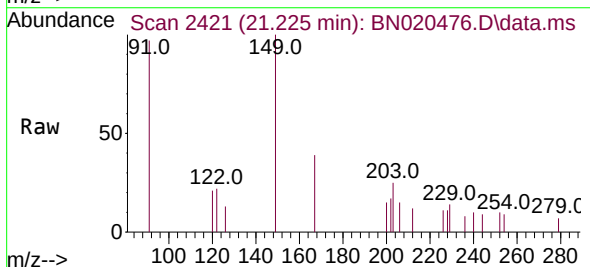
Instrument :
 BNA_N
 ClientSampleId :
 MW-49

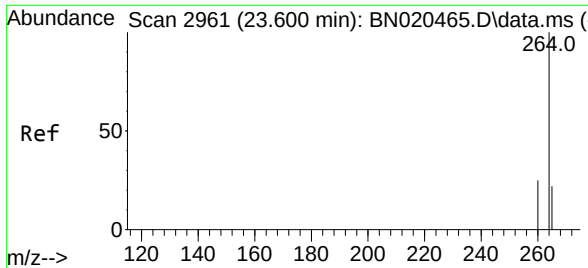
Tgt Ion:244 Resp: 12257
 Ion Ratio Lower Upper
 244 100
 212 15.6 7.1 10.7#
 122 0.0 0.0 0.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.130 ng
 RT: 21.225 min Scan# 2421
 Delta R.T. -0.009 min
 Lab File: BN020476.D
 Acq: 26 Jun 2022 21:54

Tgt Ion:149 Resp: 3029
 Ion Ratio Lower Upper
 149 100
 167 27.6 21.7 32.5
 279 4.5 2.2 3.2#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.586 min Scan# 2956
 Delta R.T. -0.015 min
 Lab File: BN020476.D
 Acq: 26 Jun 2022 21:54

Instrument :
 BNA_N
 ClientSampleId :
 MW-49

Tgt Ion:264	Resp:	9216
Ion Ratio	Lower	Upper
264	100	
260	27.1	20.9 31.3
265	45.5	28.0 42.0#

