

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062622\
 Data File : BN020485.D
 Acq On : 27 Jun 2022 05:45
 Operator : CG/JU
 Sample : N3354-12
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-56

Quant Time: Jun 27 07:50:13 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)

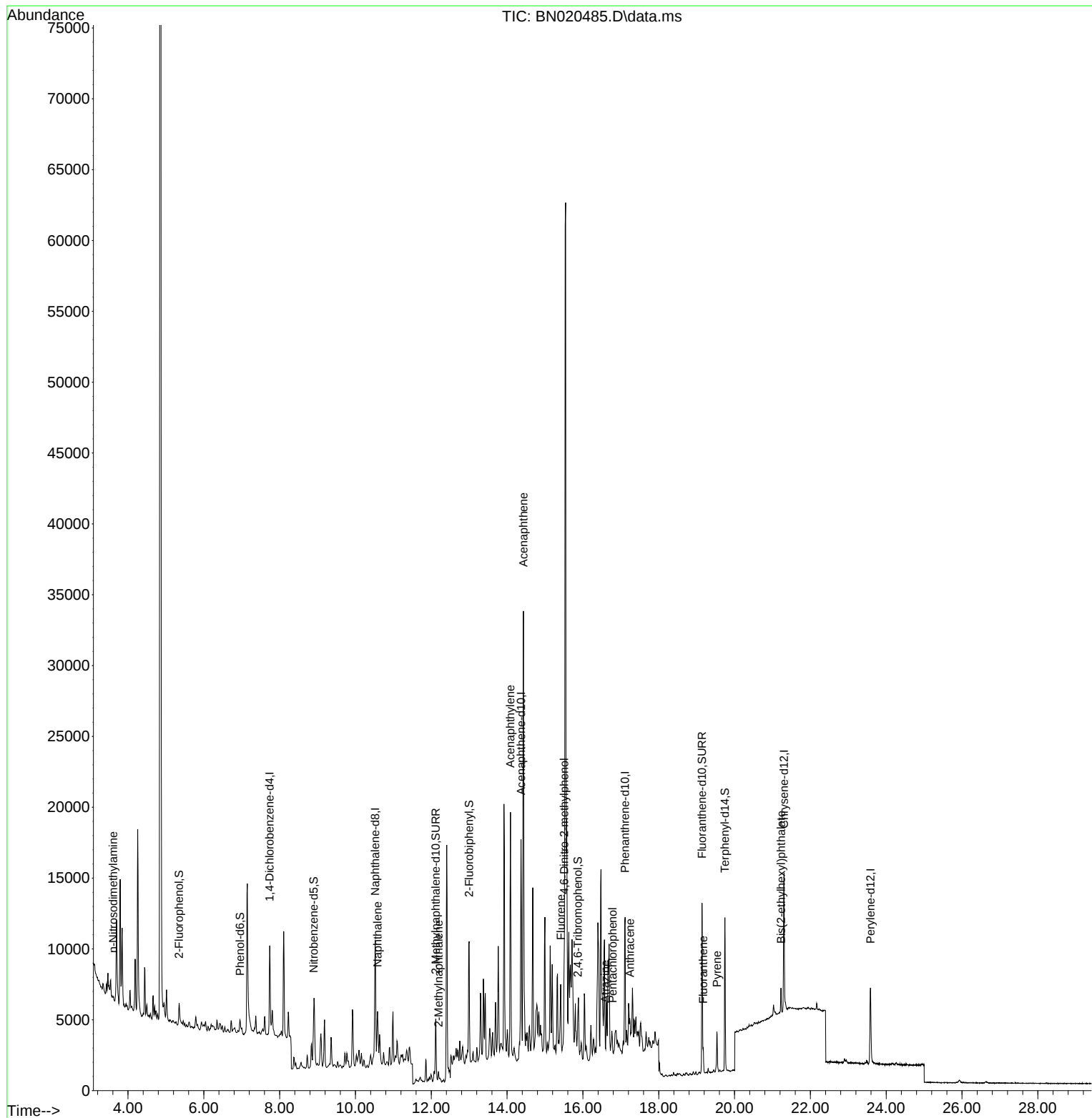
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.739	152	3369	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	10823	0.400	ng	# 0.00
13) Acenaphthene-d10	14.367	164	7187	0.400	ng	0.00
19) Phenanthrene-d10	17.113	188	12514	0.400	ng	0.00
29) Chrysene-d12	21.306	240	9707	0.400	ng	# 0.00
35) Perylene-d12	23.586	264	7807	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	1515	0.162	ng	0.00
5) Phenol-d6	6.952	99	1097	0.098	ng	0.00
8) Nitrobenzene-d5	8.897	82	2622	0.299	ng	0.00
11) 2-Methylnaphthalene-d10	12.117	152	6549	0.353	ng	0.00
14) 2,4,6-Tribromophenol	15.861	330	823	0.304	ng	0.00
15) 2-Fluorobiphenyl	12.998	172	8718	0.294	ng	0.00
27) Fluoranthene-d10	19.143	212	13118	0.353	ng	0.00
31) Terphenyl-d14	19.746	244	11820	0.510	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.608	42	185	0.046	ng	# 11
9) Naphthalene	10.584	128	1646	0.051	ng	# 7
12) 2-Methylnaphthalene	12.193	142	514	0.024	ng	# 56
16) Acenaphthylene	14.089	152	2567	0.074	ng	# 19
17) Acenaphthene	14.431	154	15806	0.673	ng	96
18) Fluorene	15.415	166	1924	0.063	ng	# 91
20) 4,6-Dinitro-2-methylph...	15.511	198	15	0.231	ng	# 1
23) Atrazine	16.590	200	247	0.043	ng	# 1
24) Pentachlorophenol	16.785	266	337	0.314	ng	# 72
26) Anthracene	17.246	178	3614	0.099	ng	# 80
28) Fluoranthene	19.173	202	1413	0.031	ng	98
30) Pyrene	19.535	202	2705	0.066	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.225	149	1583	0.081	ng	# 96

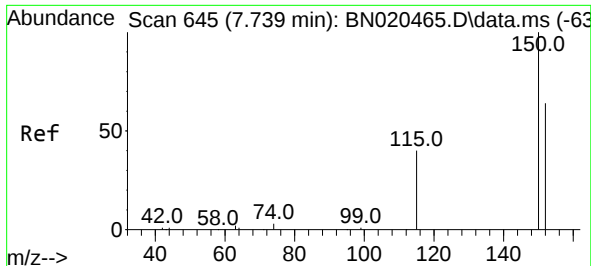
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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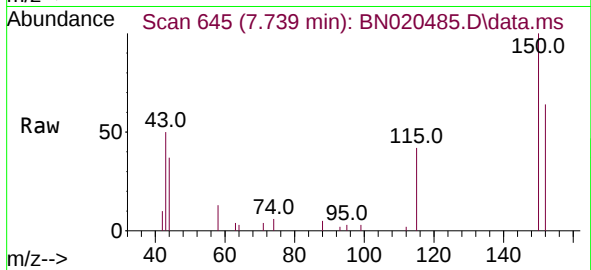
Quant Time: Jun 27 07:50:13 2022
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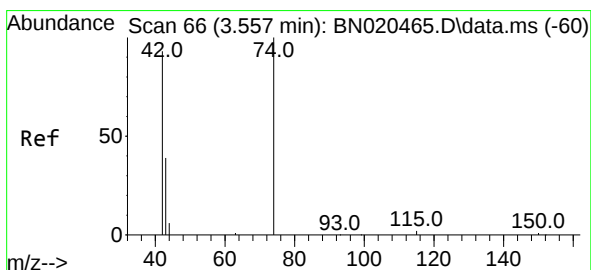
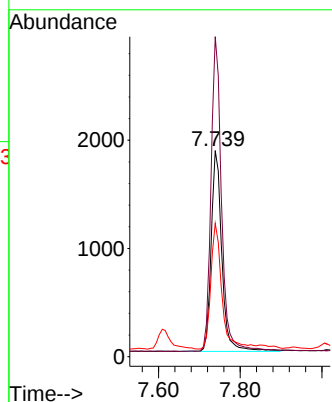


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.739 min Scan# 64
Delta R.T. -0.000 min
Lab File: BN020485.D
Acq: 27 Jun 2022 05:45

Instrument :
BNA_F
ClientSampleId :
MW-56

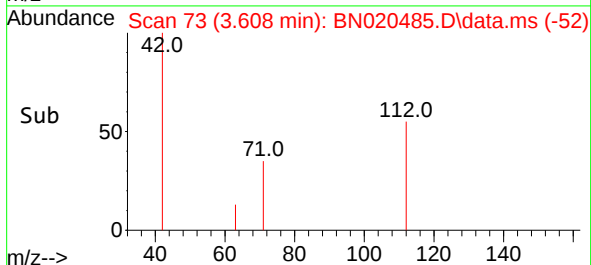
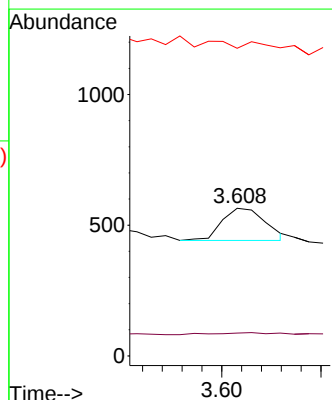
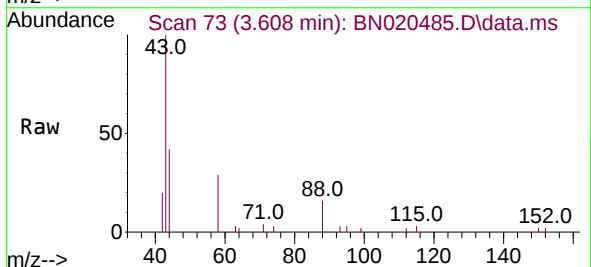


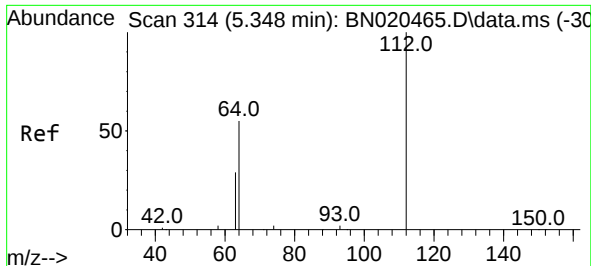
Tgt Ion:152 Resp: 3369
Ion Ratio Lower Upper
152 100
150 155.3 127.9 191.9
115 64.7 51.4 77.2



#3
n-Nitrosodimethylamine
Concen: 0.046 ng
RT: 3.608 min Scan# 73
Delta R.T. 0.051 min
Lab File: BN020485.D
Acq: 27 Jun 2022 05:45

Tgt Ion: 42 Resp: 185
Ion Ratio Lower Upper
42 100
74 7.0 84.0 126.0#
44 0.0 9.8 14.8#

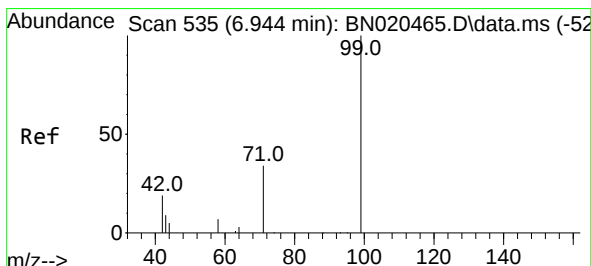
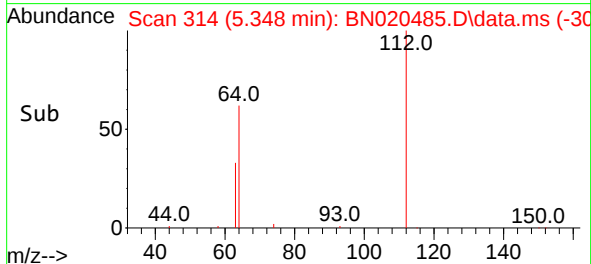
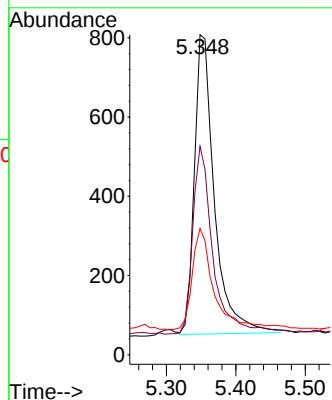
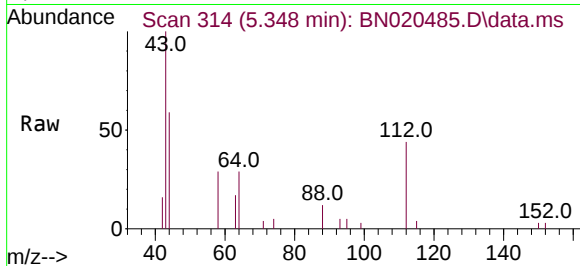




#4
2-Fluorophenol
Concen: 0.162 ng
RT: 5.348 min Scan# 314
Delta R.T. 0.000 min
Lab File: BN020485.D
Acq: 27 Jun 2022 05:45

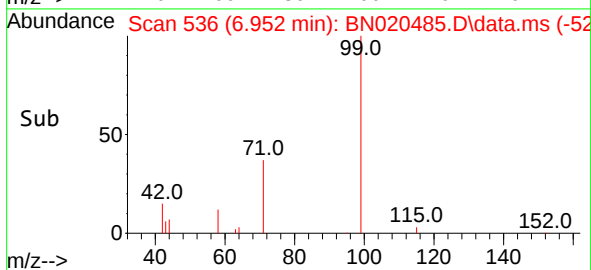
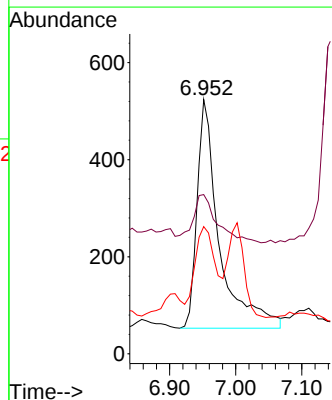
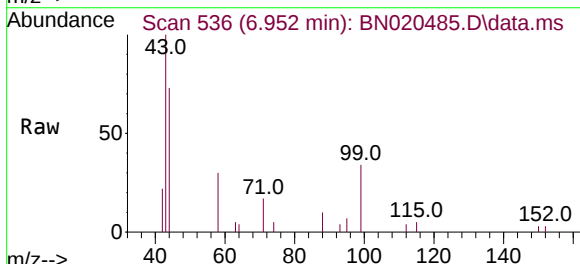
Instrument :
BNA_F
ClientSampleId :
MW-56

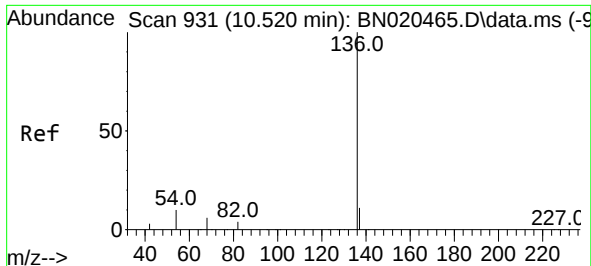
Tgt Ion:112 Resp: 1515
Ion Ratio Lower Upper
112 100
64 64.2 49.1 73.7
63 37.5 26.3 39.5



#5
Phenol-d6
Concen: 0.098 ng
RT: 6.952 min Scan# 536
Delta R.T. 0.007 min
Lab File: BN020485.D
Acq: 27 Jun 2022 05:45

Tgt Ion: 99 Resp: 1097
Ion Ratio Lower Upper
99 100
42 22.8 19.3 28.9
71 37.6 27.5 41.3

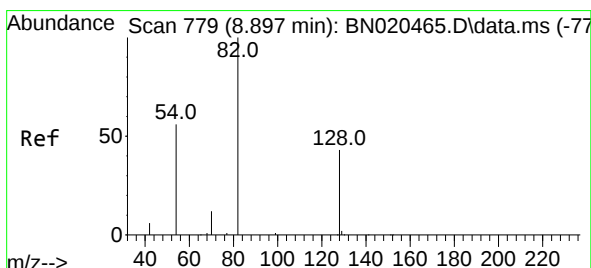
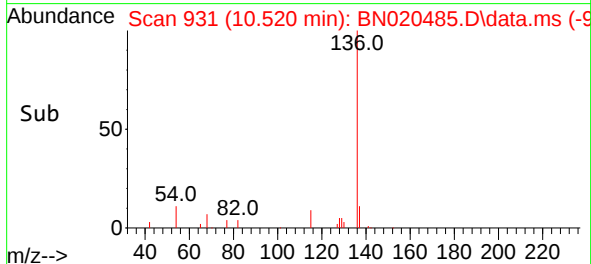
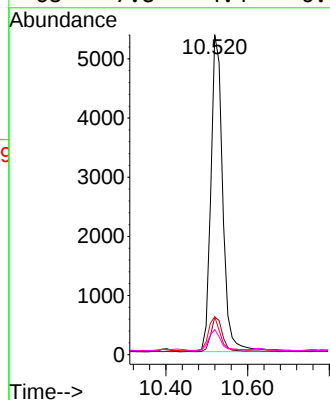
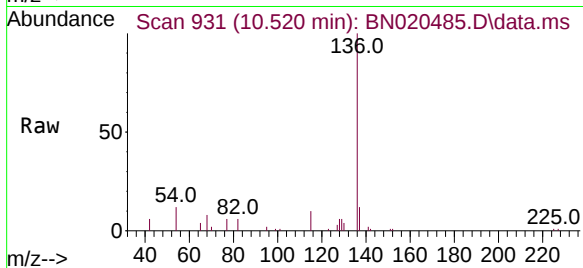




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.520 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN020485.D
Acq: 27 Jun 2022 05:45

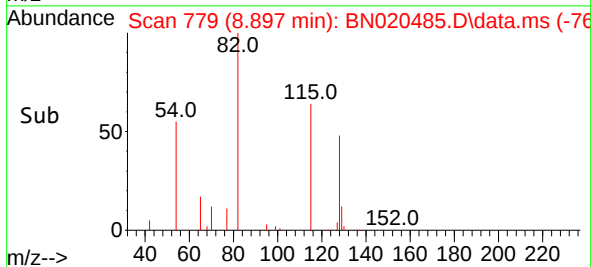
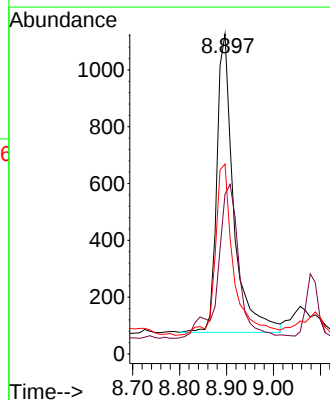
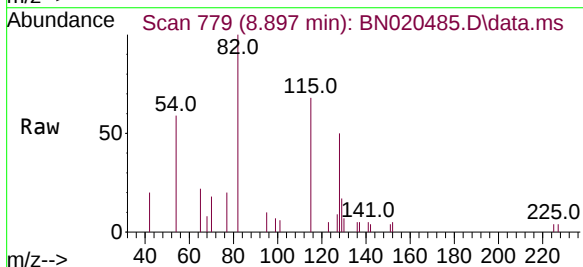
Instrument :
BNA_F
ClientSampleId :
MW-56

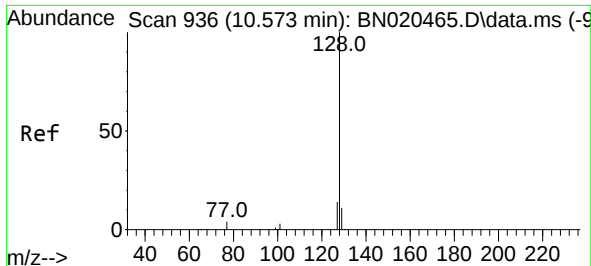
Tgt Ion:	136	Resp:	10823
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.0	13.6
54	11.9	6.2	9.2#
68	7.8	4.4	6.6#



#8
Nitrobenzene-d5
Concen: 0.299 ng
RT: 8.897 min Scan# 779
Delta R.T. 0.000 min
Lab File: BN020485.D
Acq: 27 Jun 2022 05:45

Tgt Ion:	82	Resp:	2622
Ion	Ratio	Lower	Upper
82	100		
128	50.0	35.0	52.6
54	59.4	46.2	69.4

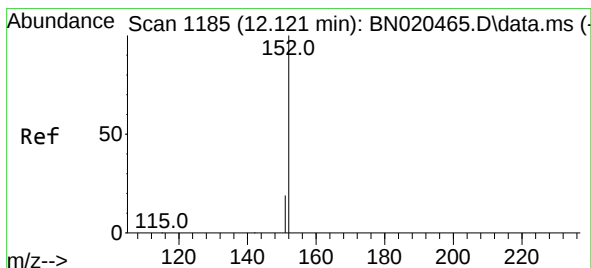
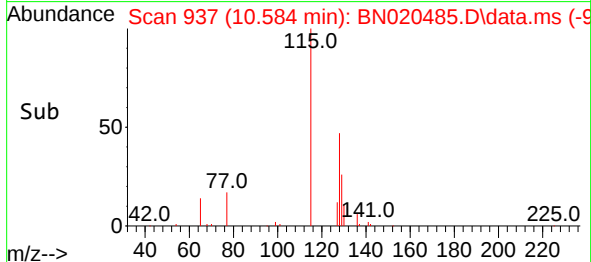
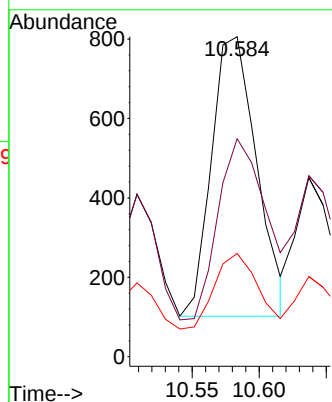
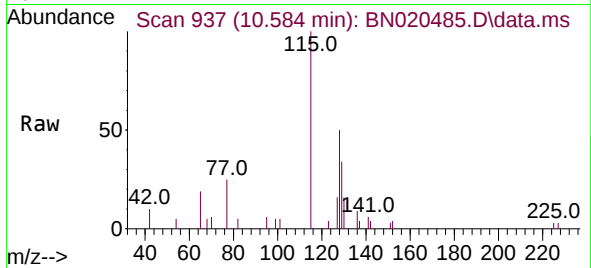




#9
Naphthalene
Concen: 0.051 ng
RT: 10.584 min Scan# 91
Delta R.T. 0.011 min
Lab File: BN020485.D
Acq: 27 Jun 2022 05:45

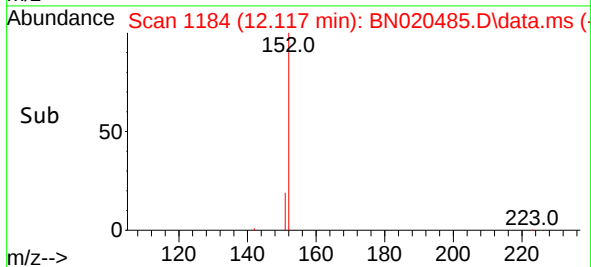
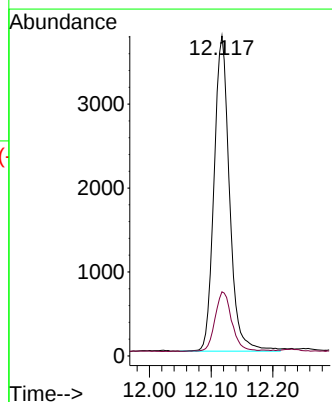
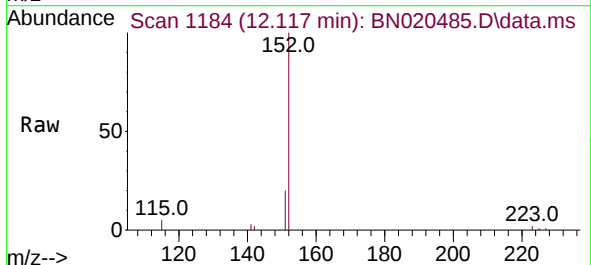
Instrument :
BNA_F
ClientSampleId :
MW-56

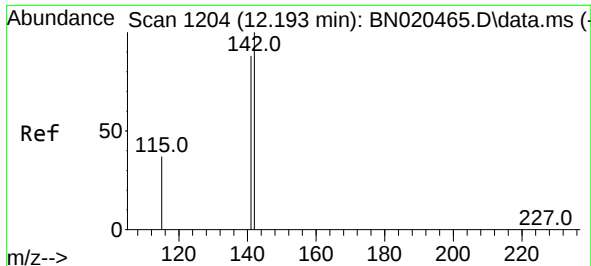
Tgt Ion:128 Resp: 1646
Ion Ratio Lower Upper
128 100
129 68.1 8.9 13.3#
127 32.3 10.8 16.2#



#11
2-Methylnaphthalene-d10
Concen: 0.353 ng
RT: 12.117 min Scan# 1184
Delta R.T. -0.004 min
Lab File: BN020485.D
Acq: 27 Jun 2022 05:45

Tgt Ion:152 Resp: 6549
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4





#12

2-Methylnaphthalene

Concen: 0.024 ng

RT: 12.193 min Scan# 1204

Delta R.T. 0.000 min

Lab File: BN020485.D

Acq: 27 Jun 2022 05:45

Instrument :

BNA_F

ClientSampleId :

MW-56

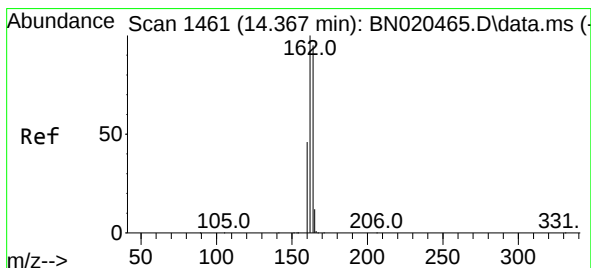
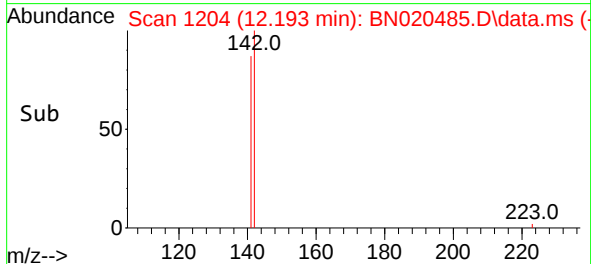
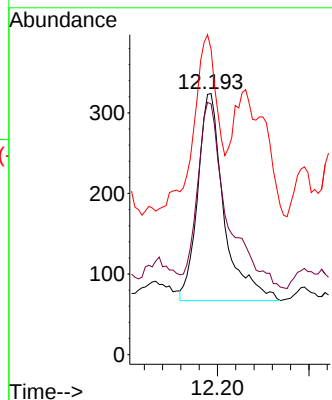
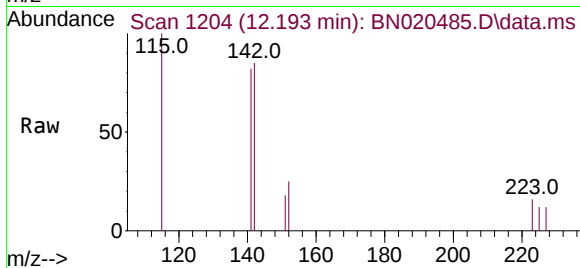
Tgt Ion:142 Resp: 514

Ion Ratio Lower Upper

142 100

141 96.0 71.6 107.4

115 117.0 29.8 44.8#



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.367 min Scan# 1461

Delta R.T. 0.000 min

Lab File: BN020485.D

Acq: 27 Jun 2022 05:45

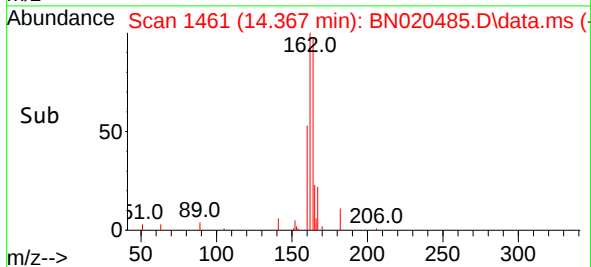
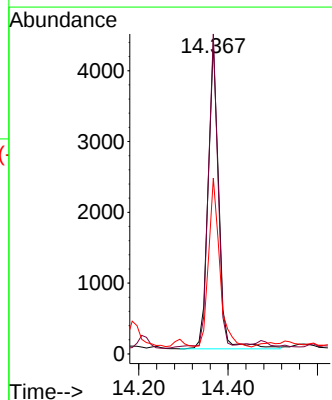
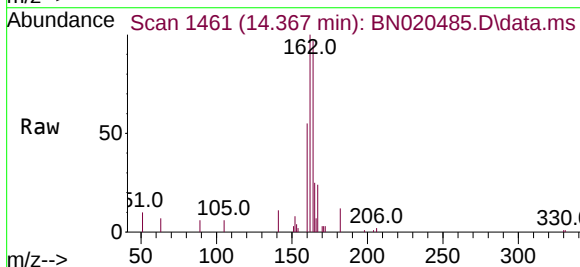
Tgt Ion:164 Resp: 7187

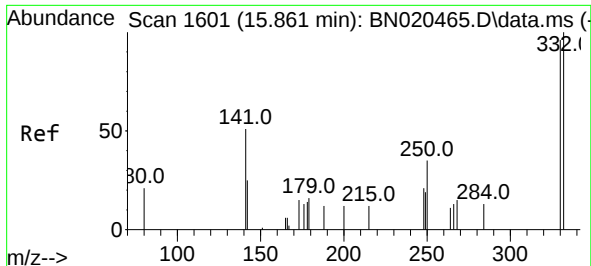
Ion Ratio Lower Upper

164 100

162 102.6 82.1 123.1

160 56.4 38.6 58.0

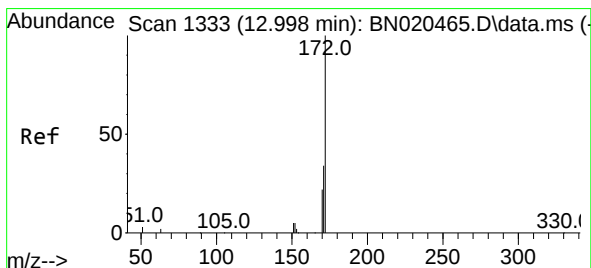
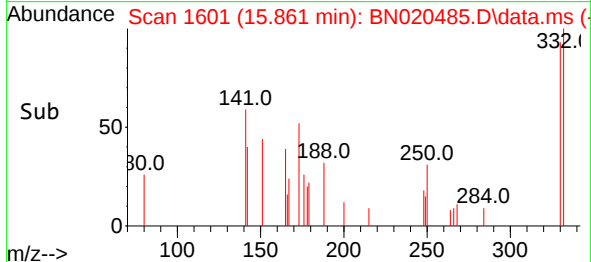
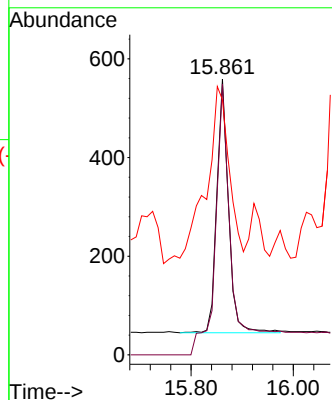
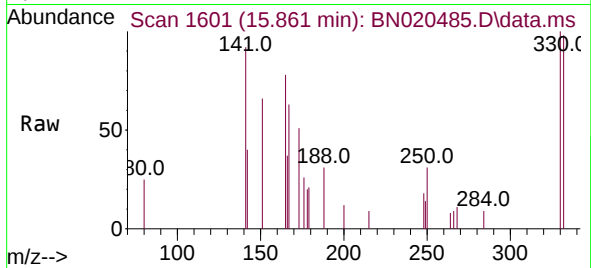




#14
2,4,6-Tribromophenol
Concen: 0.304 ng
RT: 15.861 min Scan# 1601
Delta R.T. 0.000 min
Lab File: BN020485.D
Acq: 27 Jun 2022 05:45

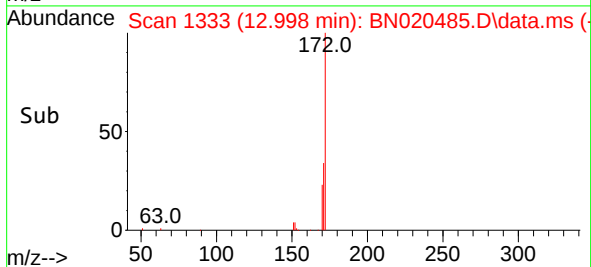
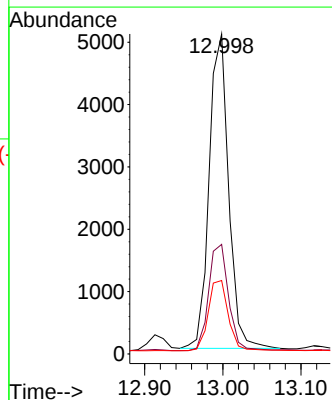
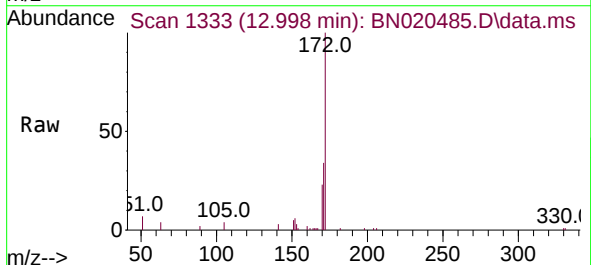
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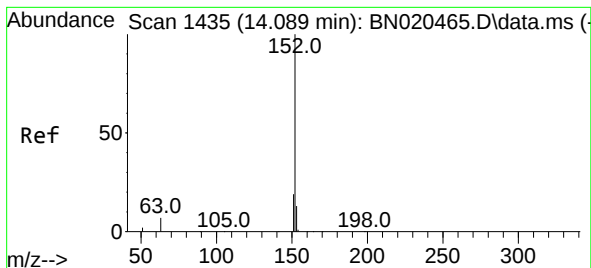
Tgt Ion: 330 Resp: 823
Ion Ratio Lower Upper
330 100
332 150.2 77.6 116.4#
141 127.3 41.0 61.4#



#15
2-Fluorobiphenyl
Concen: 0.294 ng
RT: 12.998 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BN020485.D
Acq: 27 Jun 2022 05:45

Tgt Ion: 172 Resp: 8718
Ion Ratio Lower Upper
172 100
171 34.2 27.2 40.8
170 23.0 18.2 27.4





#16

Acenaphthylene

Concen: 0.074 ng

RT: 14.089 min Scan# 1435

Delta R.T. 0.000 min

Lab File: BN020485.D

Acq: 27 Jun 2022 05:45

Instrument :

BNA_F

ClientSampleId :

MW-56

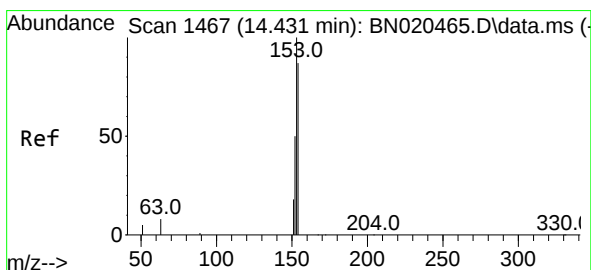
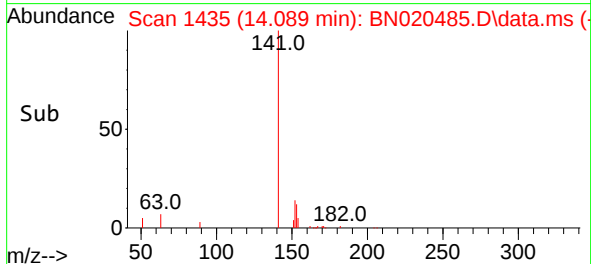
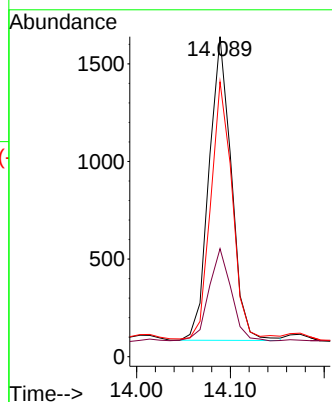
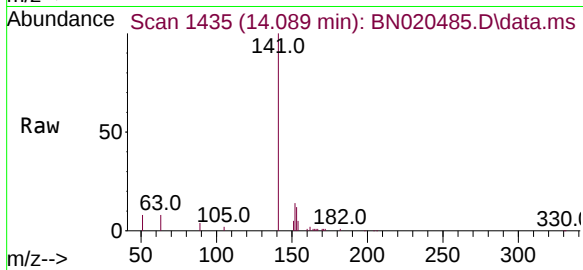
Tgt Ion:152 Resp: 2567

Ion Ratio Lower Upper

152 100

151 30.5 16.2 24.4#

153 82.0 10.7 16.1#



#17

Acenaphthene

Concen: 0.673 ng

RT: 14.431 min Scan# 1467

Delta R.T. 0.000 min

Lab File: BN020485.D

Acq: 27 Jun 2022 05:45

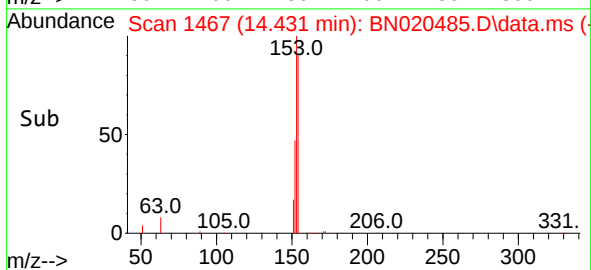
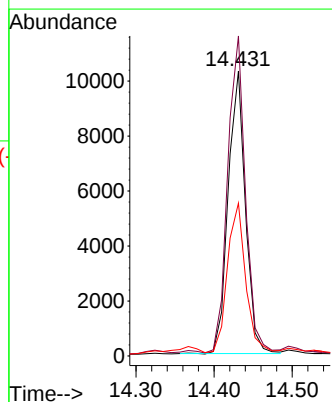
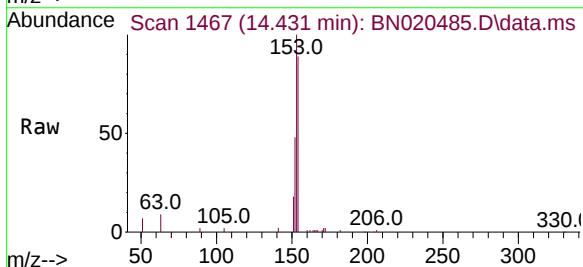
Tgt Ion:154 Resp: 15806

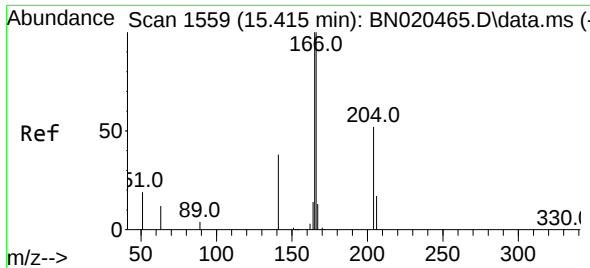
Ion Ratio Lower Upper

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153 115.2 87.5 131.3

152 55.8 43.8 65.6

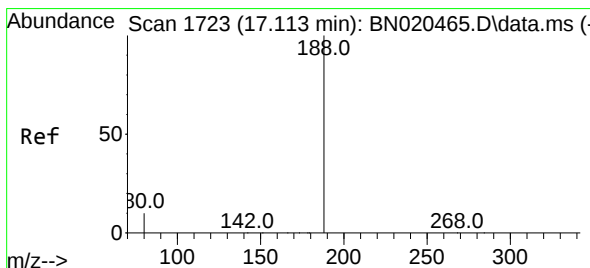
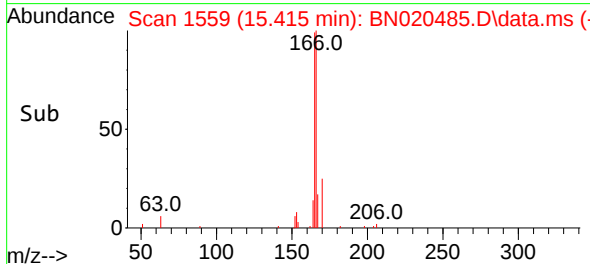
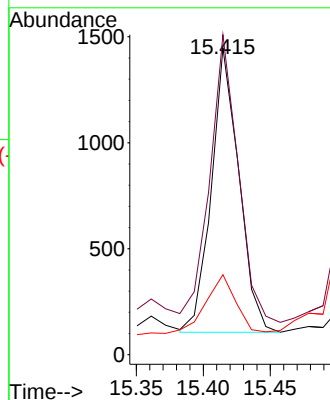
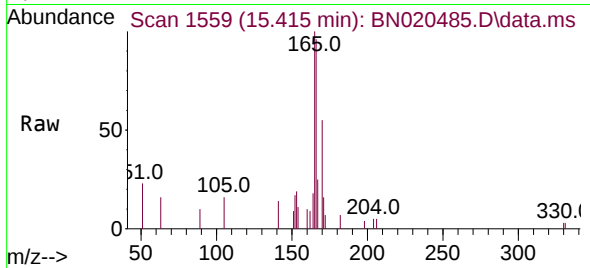




#18
 Fluorene
 Concen: 0.063 ng
 RT: 15.415 min Scan# 1559
 Delta R.T. 0.000 min
 Lab File: BN020485.D
 Acq: 27 Jun 2022 05:45

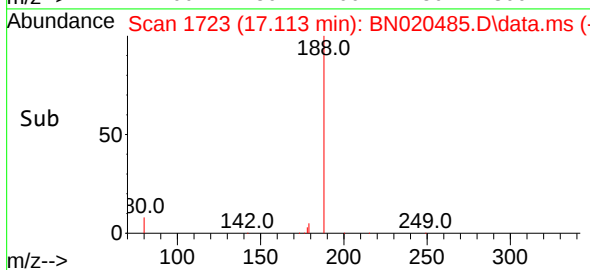
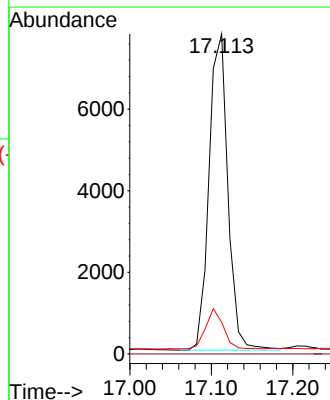
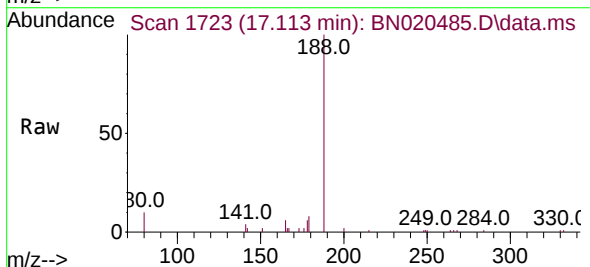
Instrument :
 BNA_F
 ClientSampleId :
 MW-56

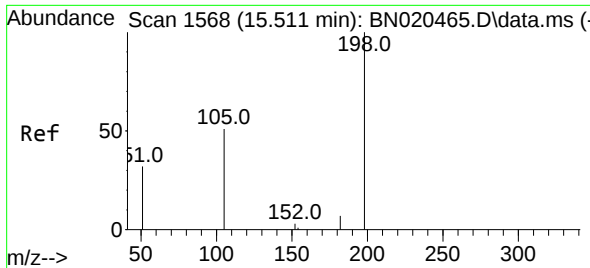
Tgt Ion:166 Resp: 1924
 Ion Ratio Lower Upper
 166 100
 165 103.4 78.6 118.0
 167 0.0 10.8 16.2#



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.113 min Scan# 1723
 Delta R.T. -0.000 min
 Lab File: BN020485.D
 Acq: 27 Jun 2022 05:45

Tgt Ion:188 Resp: 12514
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 9.9 7.4 11.2

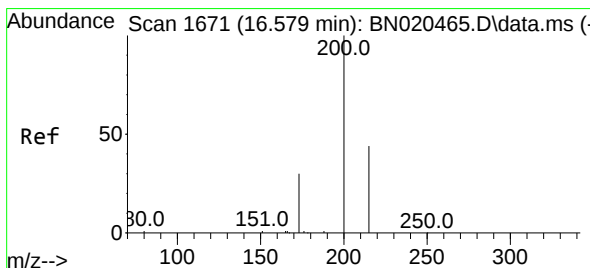
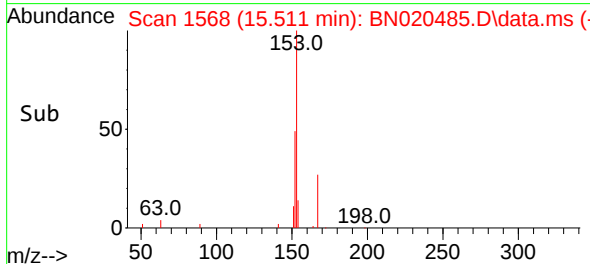
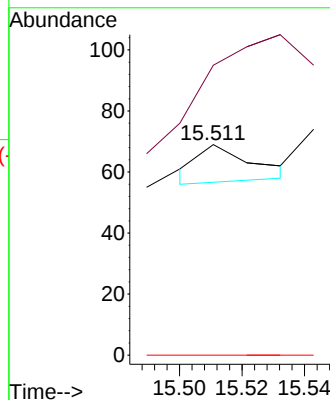
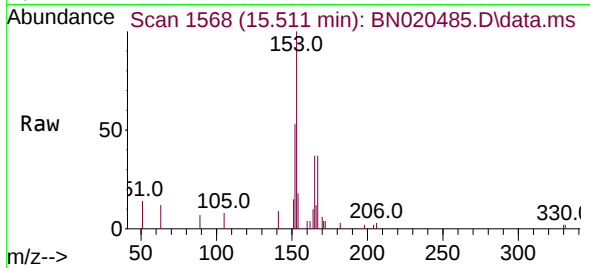




#20
4,6-Dinitro-2-methylphenol
Concen: 0.231 ng
RT: 15.511 min Scan# 1568
Delta R.T. -0.000 min
Lab File: BN020485.D
Acq: 27 Jun 2022 05:45

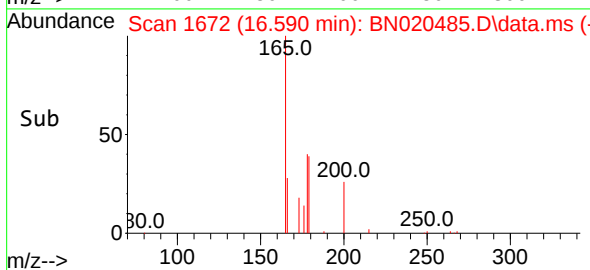
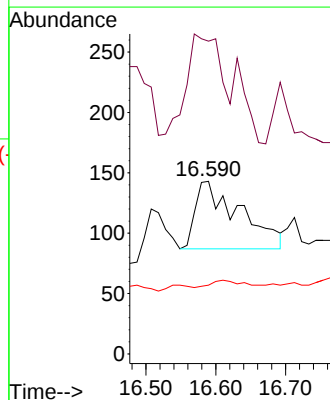
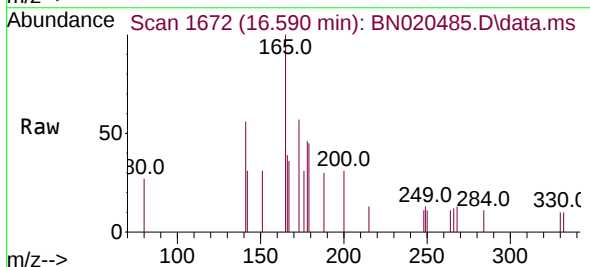
Instrument :
BNA_F
ClientSampleId :
MW-56

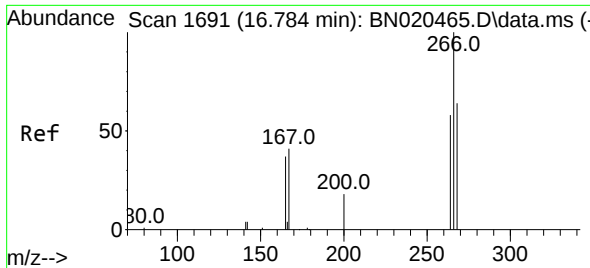
Tgt Ion:198 Resp: 15
Ion Ratio Lower Upper
198 100
182 137.7 12.1 18.1#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.043 ng
RT: 16.590 min Scan# 1672
Delta R.T. 0.010 min
Lab File: BN020485.D
Acq: 27 Jun 2022 05:45

Tgt Ion:200 Resp: 247
Ion Ratio Lower Upper
200 100
173 181.1 23.6 35.4#
215 39.9 36.6 54.8

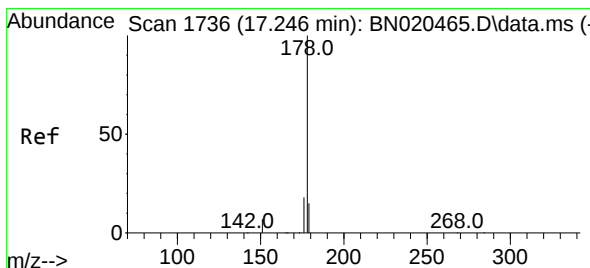
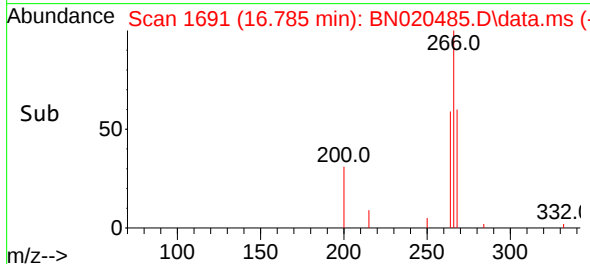
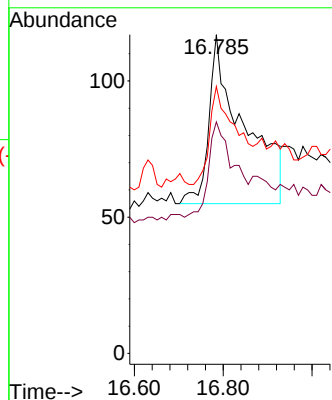
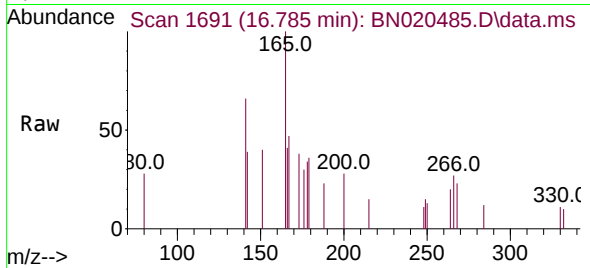




#24
 Pentachlorophenol
 Concen: 0.314 ng
 RT: 16.785 min Scan# 1691
 Delta R.T. 0.001 min
 Lab File: BN020485.D
 Acq: 27 Jun 2022 05:45

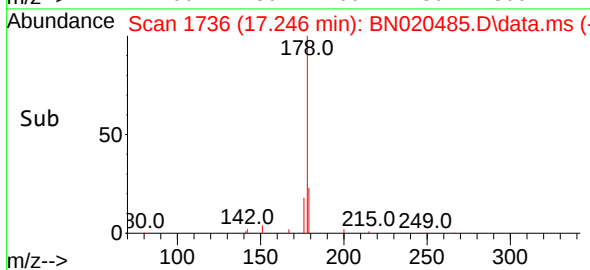
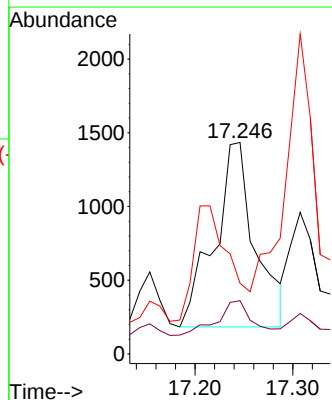
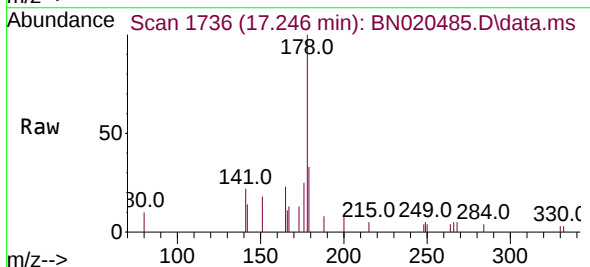
Instrument :
 BNA_F
 ClientSampleId :
 MW-56

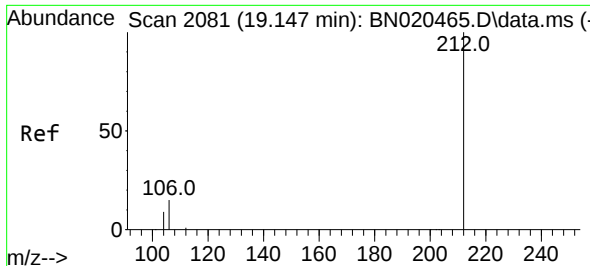
Tgt Ion:266 Resp: 337
 Ion Ratio Lower Upper
 266 100
 264 41.5 51.3 76.9#
 268 44.8 52.6 79.0#



#26
 Anthracene
 Concen: 0.099 ng
 RT: 17.246 min Scan# 1736
 Delta R.T. 0.000 min
 Lab File: BN020485.D
 Acq: 27 Jun 2022 05:45

Tgt Ion:178 Resp: 3614
 Ion Ratio Lower Upper
 178 100
 176 15.9 14.9 22.3
 179 0.0 12.2 18.4#

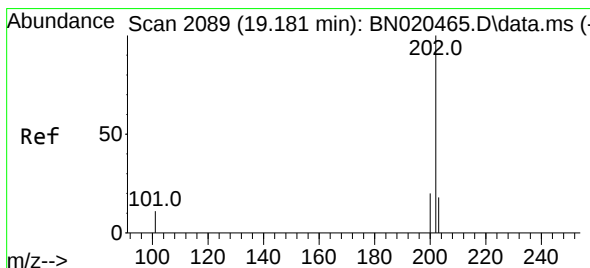
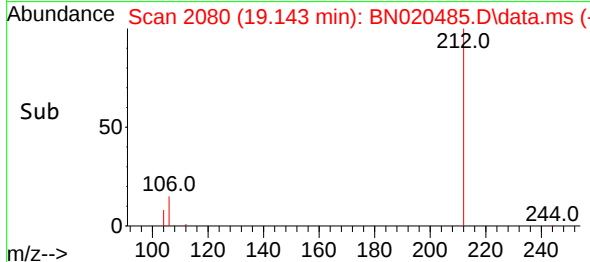
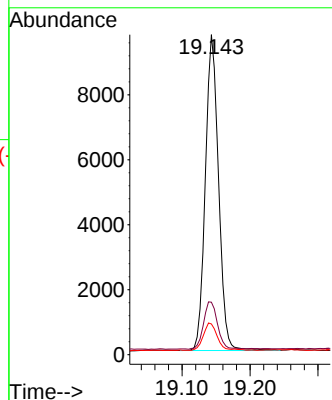
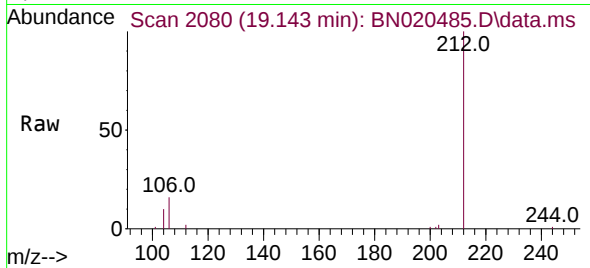




#27
Fluoranthene-d10
Concen: 0.353 ng
RT: 19.143 min Scan# 2081
Delta R.T. -0.004 min
Lab File: BN020485.D
Acq: 27 Jun 2022 05:45

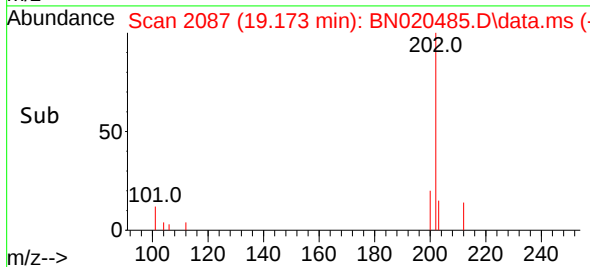
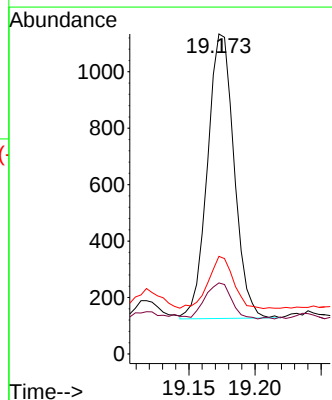
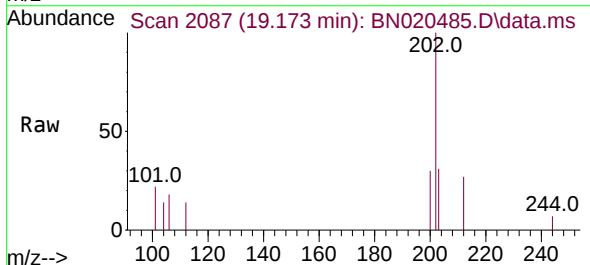
Instrument :
BNA_F
ClientSampleId :
MW-56

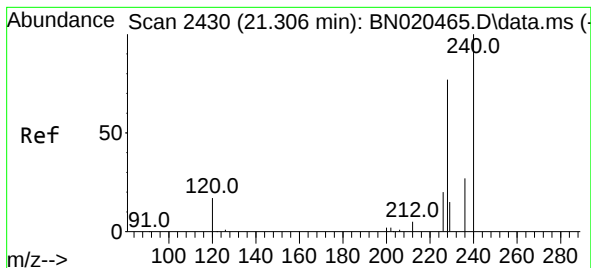
Tgt Ion:212 Resp: 13118
Ion Ratio Lower Upper
212 100
106 15.8 12.6 19.0
104 9.2 7.2 10.8



#28
Fluoranthene
Concen: 0.031 ng
RT: 19.173 min Scan# 2087
Delta R.T. -0.008 min
Lab File: BN020485.D
Acq: 27 Jun 2022 05:45

Tgt Ion:202 Resp: 1413
Ion Ratio Lower Upper
202 100
101 12.8 9.6 14.4
203 17.8 13.5 20.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.306 min Scan# 2430

Delta R.T. 0.000 min

Lab File: BN020485.D

Acq: 27 Jun 2022 05:45

Instrument :

BNA_F

ClientSampleId :

MW-56

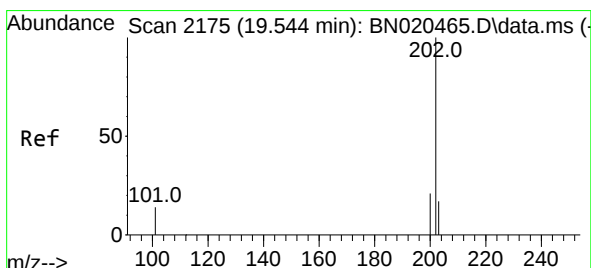
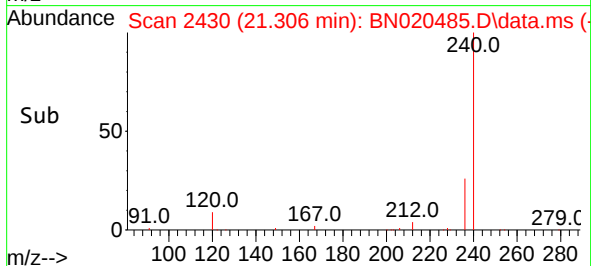
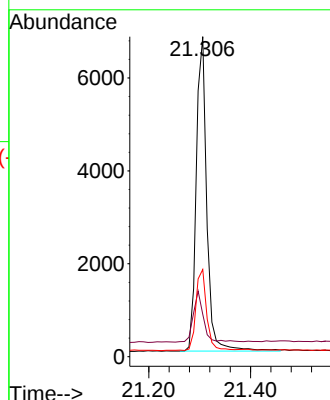
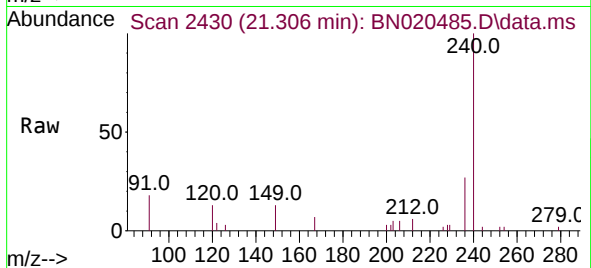
Tgt Ion:240 Resp: 9707

Ion Ratio Lower Upper

240 100

120 13.3 14.6 21.8#

236 27.2 22.6 33.8



#30

Pyrene

Concen: 0.066 ng

RT: 19.535 min Scan# 2173

Delta R.T. -0.008 min

Lab File: BN020485.D

Acq: 27 Jun 2022 05:45

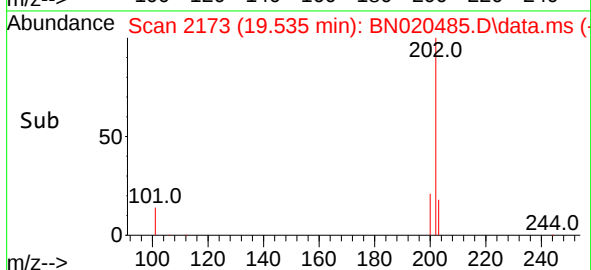
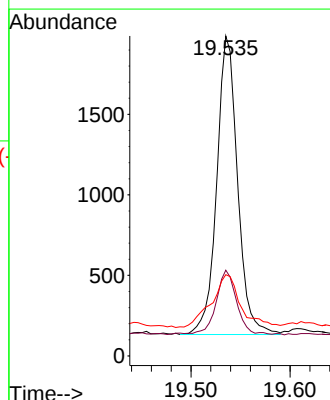
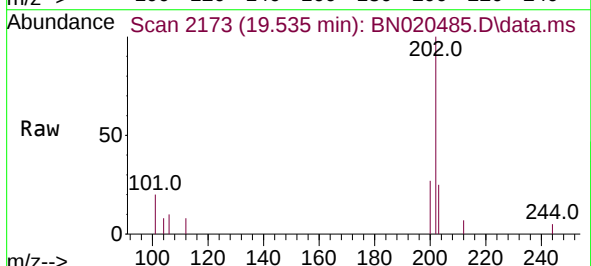
Tgt Ion:202 Resp: 2705

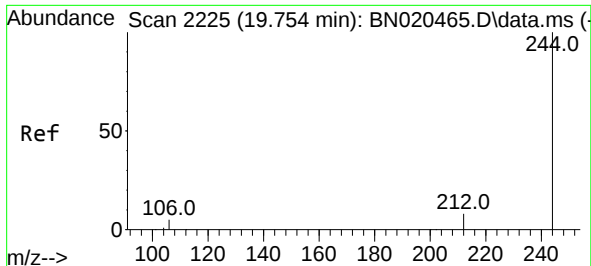
Ion Ratio Lower Upper

202 100

200 20.5 16.6 25.0

203 24.7 14.2 21.2#

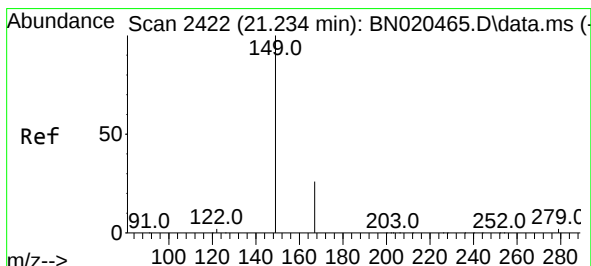
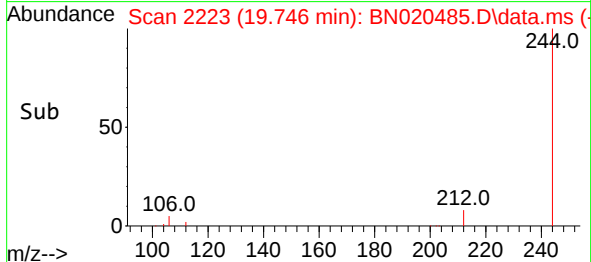
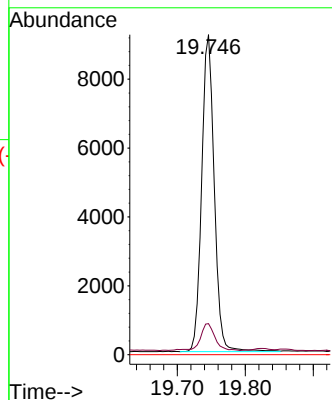
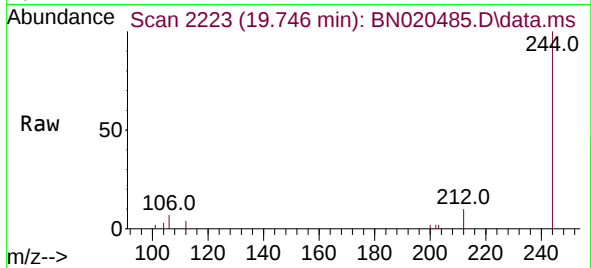




#31
 Terphenyl-d14
 Concen: 0.510 ng
 RT: 19.746 min Scan# 211
 Delta R.T. -0.008 min
 Lab File: BN020485.D
 Acq: 27 Jun 2022 05:45

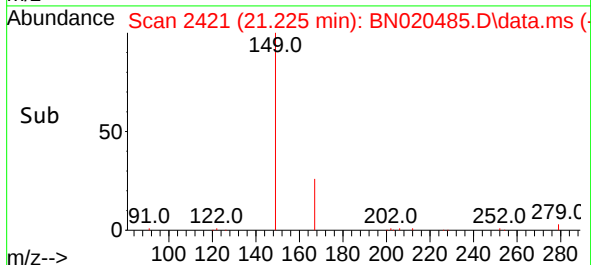
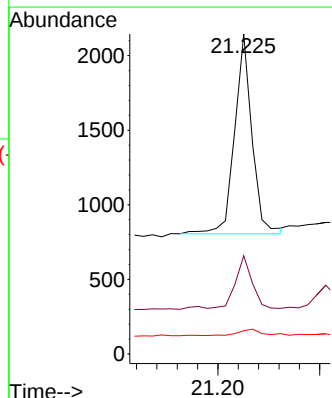
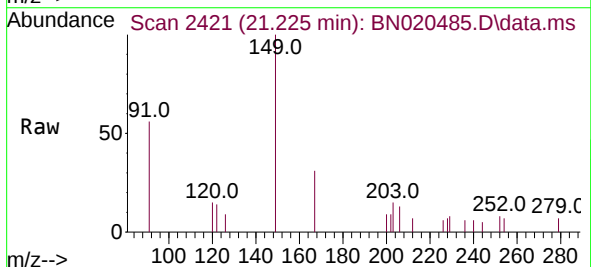
Instrument :
 BNA_F
 ClientSampleId :
 MW-56

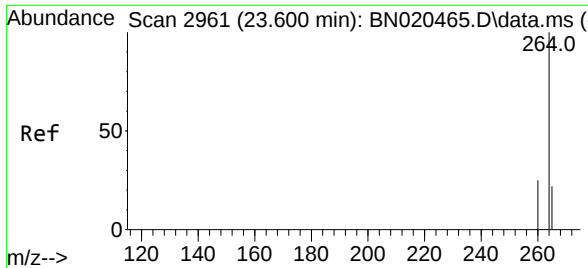
Tgt Ion:244 Resp: 11820
 Ion Ratio Lower Upper
 244 100
 212 9.7 7.1 10.7
 122 0.0 0.0 0.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.081 ng
 RT: 21.225 min Scan# 2421
 Delta R.T. -0.009 min
 Lab File: BN020485.D
 Acq: 27 Jun 2022 05:45

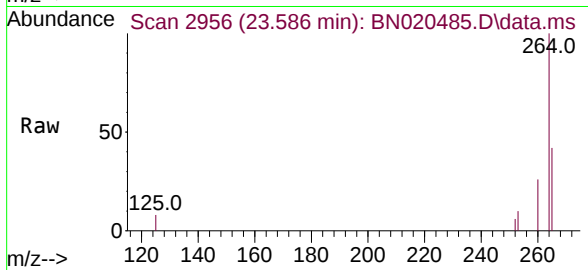
Tgt Ion:149 Resp: 1583
 Ion Ratio Lower Upper
 149 100
 167 25.1 21.7 32.5
 279 4.8 2.2 3.2#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.586 min Scan# 2956
Delta R.T. -0.015 min
Lab File: BN020485.D
Acq: 27 Jun 2022 05:45

Instrument :
BNA_F
ClientSampleId :
MW-56



Tgt Ion:264 Resp: 7807
Ion Ratio Lower Upper
264 100
260 26.1 20.9 31.3
265 42.2 28.0 42.0#

