

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062622\
 Data File : BN020473.D
 Acq On : 26 Jun 2022 20:05
 Operator : CG/JU
 Sample : N3387-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-303-20220616

Quant Time: Jun 27 02:51:29 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)

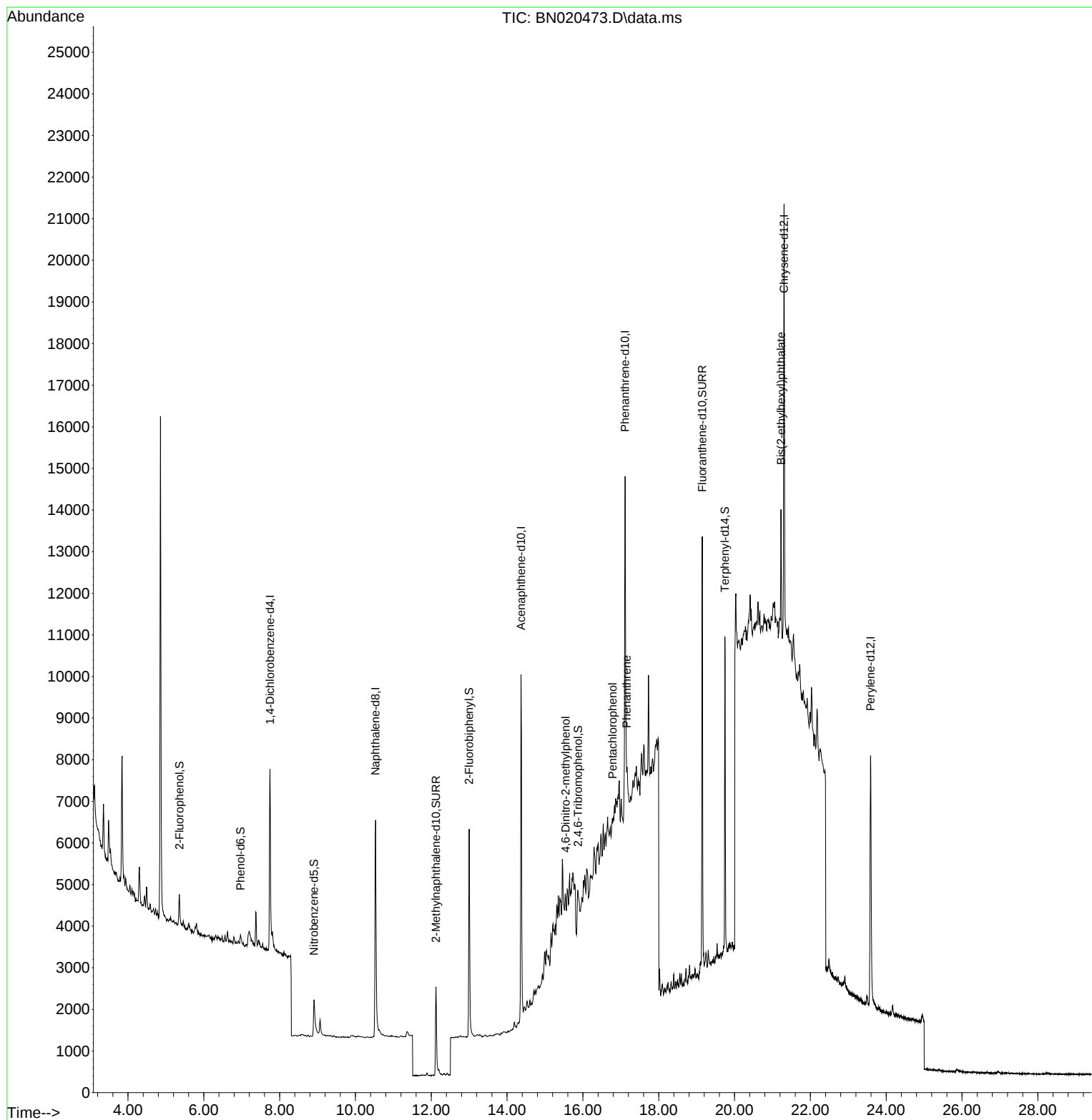
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	2760	0.400	ng	0.00
7) Naphthalene-d8	10.530	136	8624	0.400	ng	# 0.01
13) Acenaphthene-d10	14.367	164	5364	0.400	ng	0.00
19) Phenanthrene-d10	17.113	188	11592	0.400	ng	# 0.00
29) Chrysene-d12	21.306	240	10533	0.400	ng	# 0.00
35) Perylene-d12	23.589	264	9416	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.355	112	817	0.107	ng	0.00
5) Phenol-d6	6.966	99	458	0.050	ng	0.02
8) Nitrobenzene-d5	8.907	82	1249	0.179	ng	0.01
11) 2-Methylnaphthalene-d10	12.125	152	3753	0.254	ng	0.00
14) 2,4,6-Tribromophenol	15.872	330	481	0.238	ng	0.01
15) 2-Fluorobiphenyl	12.998	172	5005	0.226	ng	0.00
27) Fluoranthene-d10	19.147	212	11531	0.335	ng	0.00
31) Terphenyl-d14	19.746	244	8563	0.340	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.543	198	25	0.236	ng	# 1
24) Pentachlorophenol	16.784	266	14	0.190	ng	# 1
25) Phenanthrene	17.154	178	931	0.024	ng	# 81
34) Bis(2-ethylhexyl)phtha...	21.225	149	3067	0.145	ng	98

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

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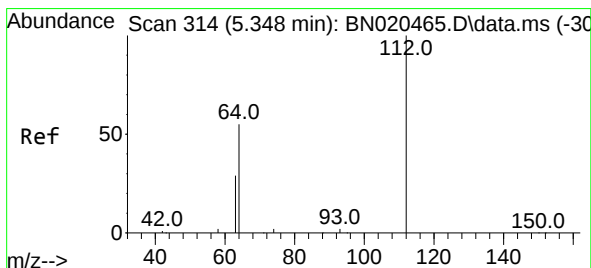
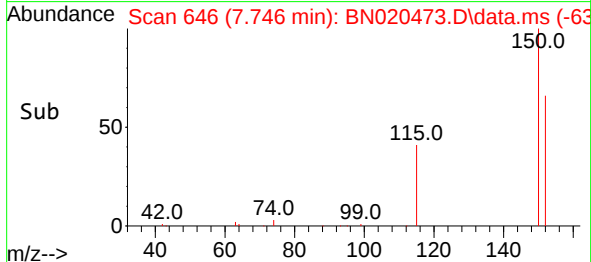
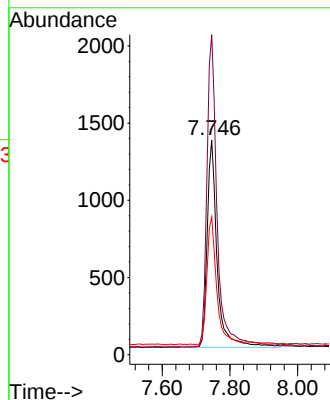
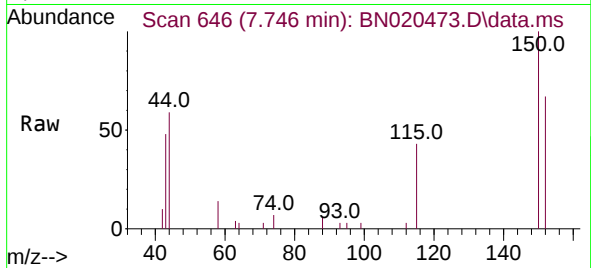




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.746 min Scan# 645
 Delta R.T. 0.007 min
 Lab File: BN020473.D
 Acq: 26 Jun 2022 20:05

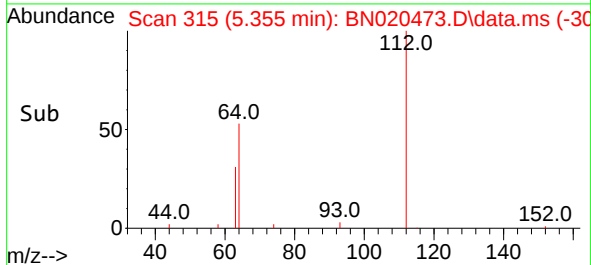
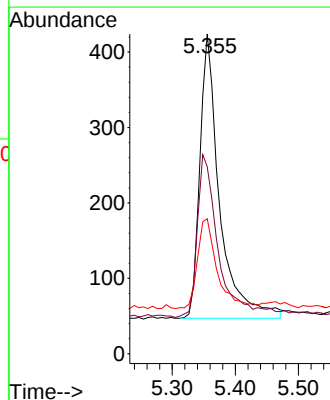
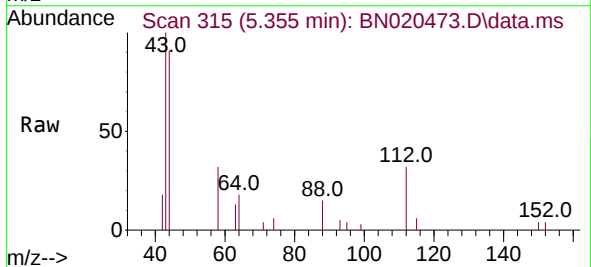
Instrument :
 BNA_N
 ClientSampleId :
 SP-303-20220616

Tgt Ion:152 Resp: 2760
 Ion Ratio Lower Upper
 152 100
 150 149.0 127.9 191.9
 115 64.2 51.4 77.2



#4
 2-Fluorophenol
 Concen: 0.107 ng
 RT: 5.355 min Scan# 315
 Delta R.T. 0.007 min
 Lab File: BN020473.D
 Acq: 26 Jun 2022 20:05

Tgt Ion:112 Resp: 817
 Ion Ratio Lower Upper
 112 100
 64 61.8 49.1 73.7
 63 31.8 26.3 39.5

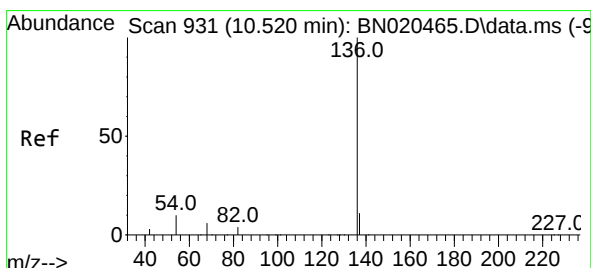
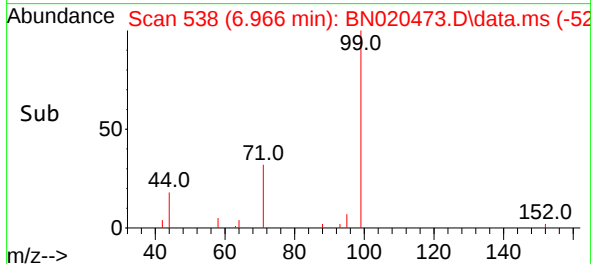
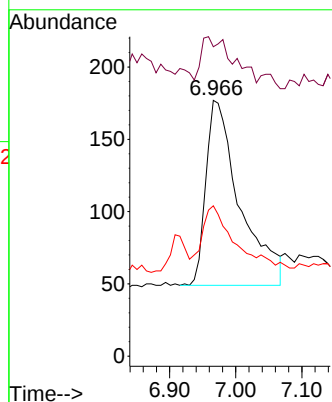
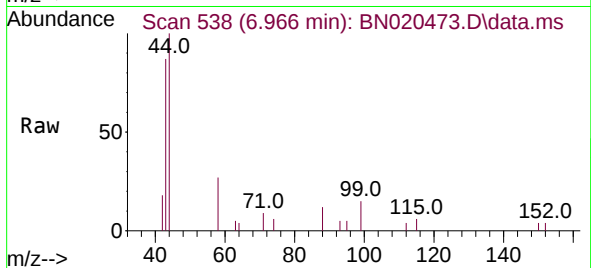




#5
Phenol-d6
Concen: 0.050 ng
RT: 6.966 min Scan# 51
Delta R.T. 0.022 min
Lab File: BN020473.D
Acq: 26 Jun 2022 20:05

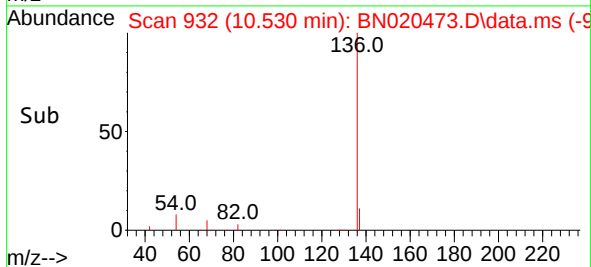
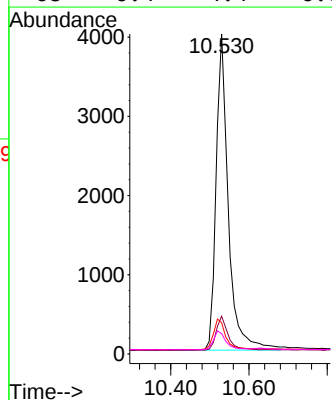
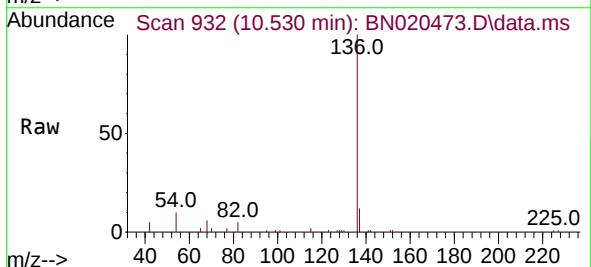
Instrument :
BNA_N
ClientSampleId :
SP-303-20220616

Tgt Ion: 99 Resp: 458
Ion Ratio Lower Upper
99 100
42 22.3 19.3 28.9
71 30.8 27.5 41.3



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.530 min Scan# 932
Delta R.T. 0.011 min
Lab File: BN020473.D
Acq: 26 Jun 2022 20:05

Tgt Ion: 136 Resp: 8624
Ion Ratio Lower Upper
136 100
137 11.8 9.0 13.6
54 9.8 6.2 9.2#
68 6.4 4.4 6.6

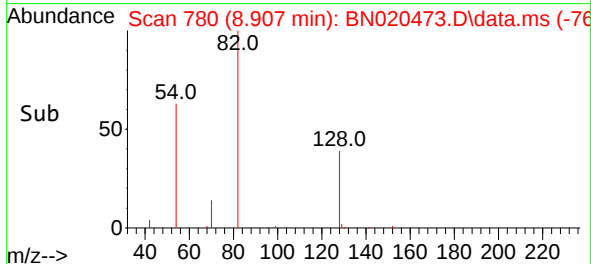
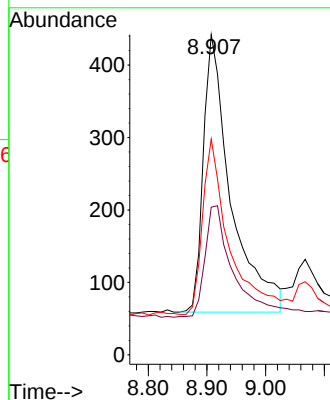
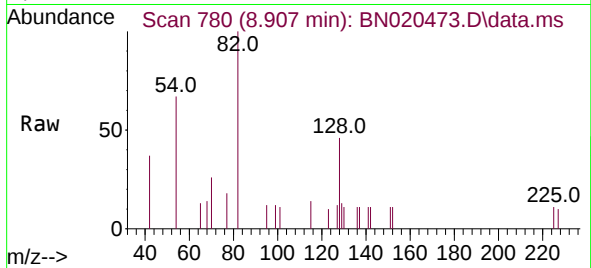




#8
Nitrobenzene-d5
Concen: 0.179 ng
RT: 8.907 min Scan# 779
Delta R.T. 0.011 min
Lab File: BN020473.D
Acq: 26 Jun 2022 20:05

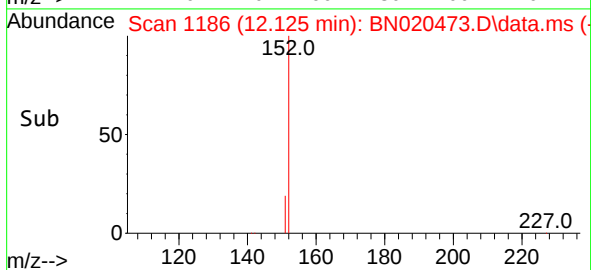
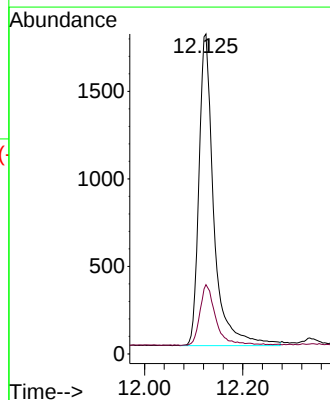
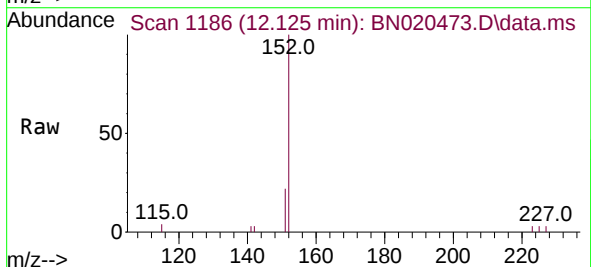
Instrument :
BNA_N
ClientSampleId :
SP-303-20220616

Tgt Ion: 82 Resp: 1249
Ion Ratio Lower Upper
82 100
128 46.2 35.0 52.6
54 67.4 46.2 69.4



#11
2-Methylnaphthalene-d10
Concen: 0.254 ng
RT: 12.125 min Scan# 1186
Delta R.T. 0.004 min
Lab File: BN020473.D
Acq: 26 Jun 2022 20:05

Tgt Ion: 152 Resp: 3753
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4

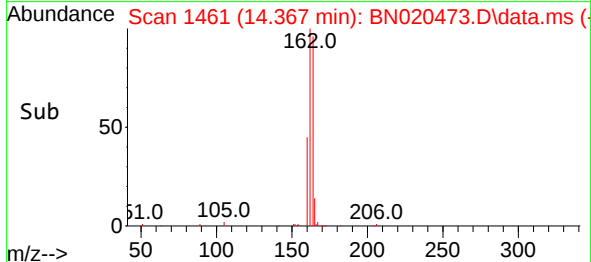
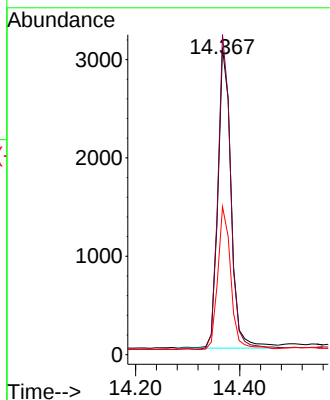
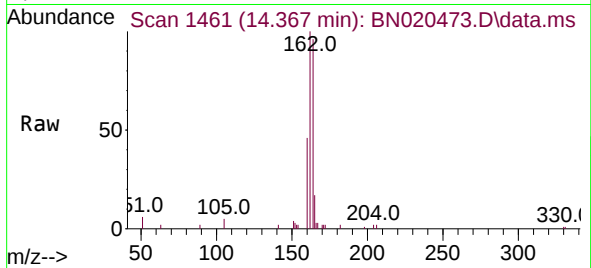




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.367 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN020473.D
Acq: 26 Jun 2022 20:05

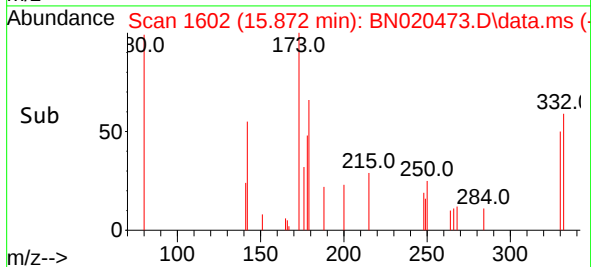
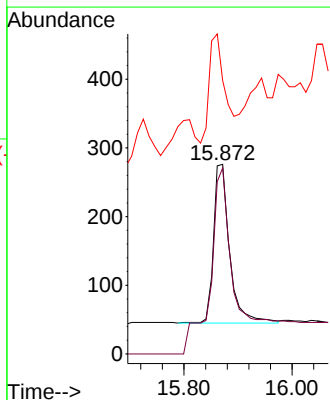
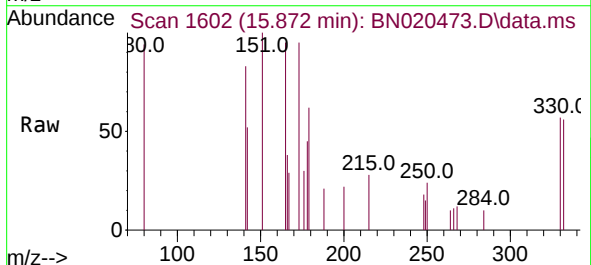
Instrument :
BNA_N
ClientSampleId :
SP-303-20220616

Tgt Ion:164 Resp: 5364
Ion Ratio Lower Upper
164 100
162 104.2 82.1 123.1
160 48.2 38.6 58.0



#14
2,4,6-Tribromophenol
Concen: 0.238 ng
RT: 15.872 min Scan# 1602
Delta R.T. 0.010 min
Lab File: BN020473.D
Acq: 26 Jun 2022 20:05

Tgt Ion:330 Resp: 481
Ion Ratio Lower Upper
330 100
332 185.0 77.6 116.4#
141 66.1 41.0 61.4#

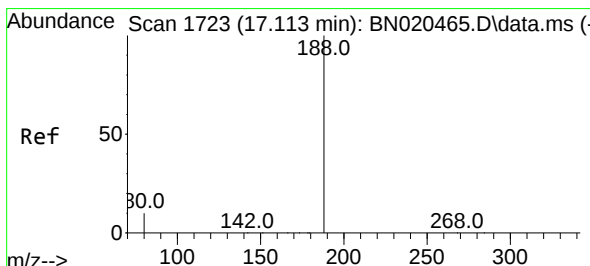
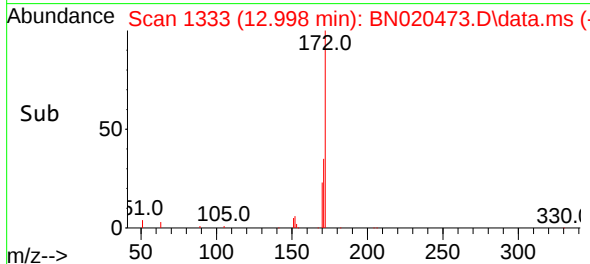
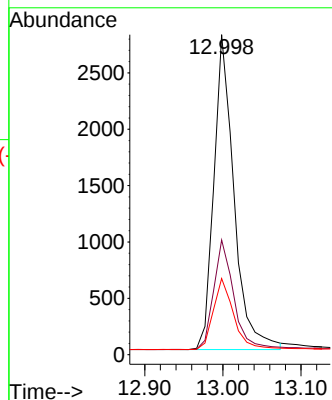
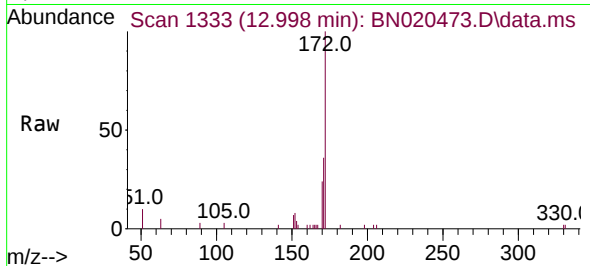




#15
2-Fluorobiphenyl
Concen: 0.226 ng
RT: 12.998 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN020473.D
Acq: 26 Jun 2022 20:05

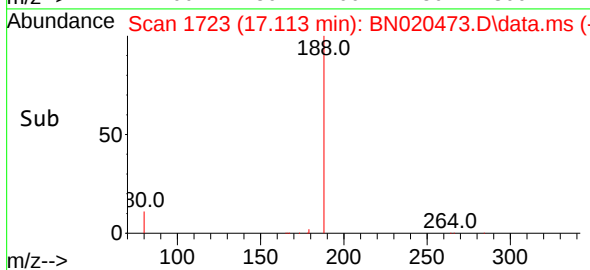
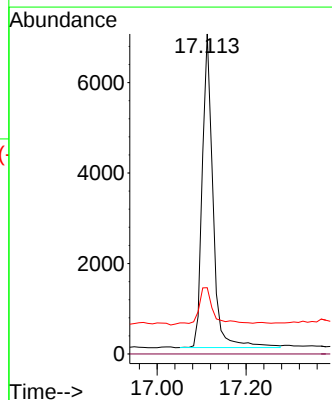
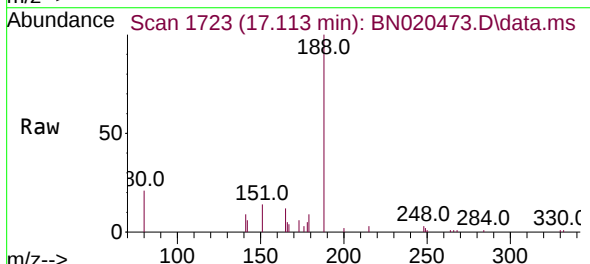
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BNA_N
ClientSampleId :
SP-303-20220616

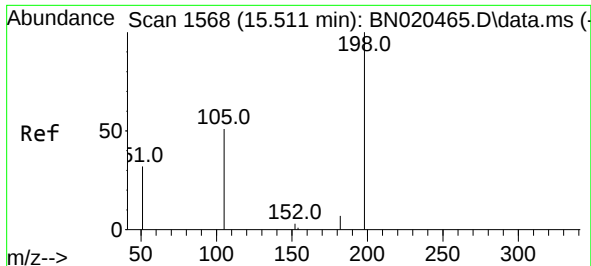
Tgt Ion:	172	Resp:	5005
Ion	Ratio	Lower	Upper
172	100		
171	35.9	27.2	40.8
170	23.8	18.2	27.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.113 min Scan# 1723
Delta R.T. -0.000 min
Lab File: BN020473.D
Acq: 26 Jun 2022 20:05

Tgt Ion:	188	Resp:	11592
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	20.7	7.4	11.2





#20

4,6-Dinitro-2-methylphenol

Concen: 0.236 ng

RT: 15.543 min Scan# 1571

Delta R.T. 0.032 min

Lab File: BN020473.D

Acq: 26 Jun 2022 20:05

Instrument :

BNA_N

ClientSampleId :

SP-303-20220616

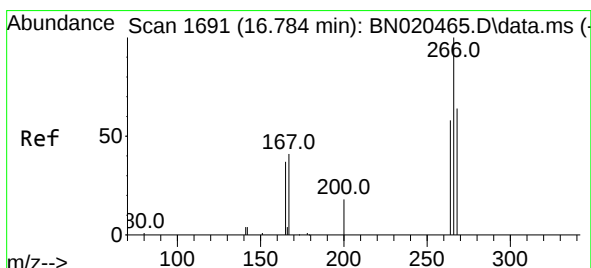
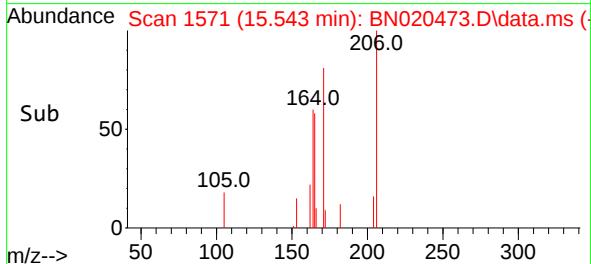
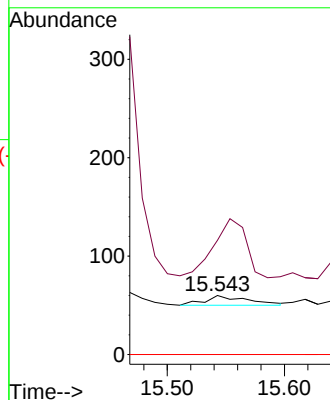
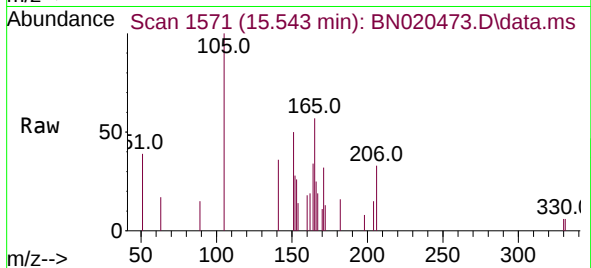
Tgt Ion:198 Resp: 25

Ion Ratio Lower Upper

198 100

182 193.3 12.1 18.1#

77 0.0 0.0 0.0



#24

Pentachlorophenol

Concen: 0.190 ng

RT: 16.784 min Scan# 1691

Delta R.T. 0.000 min

Lab File: BN020473.D

Acq: 26 Jun 2022 20:05

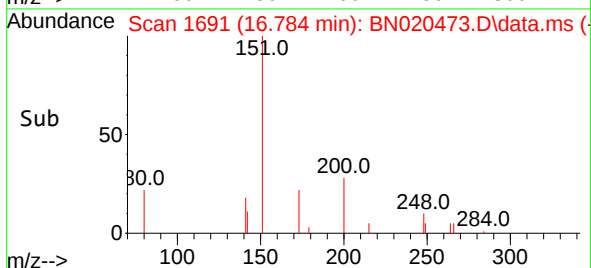
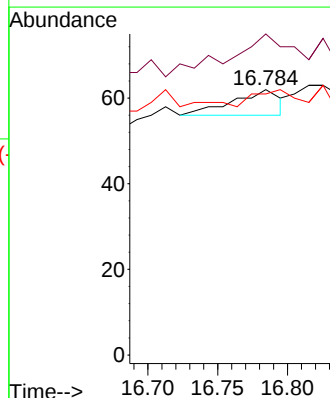
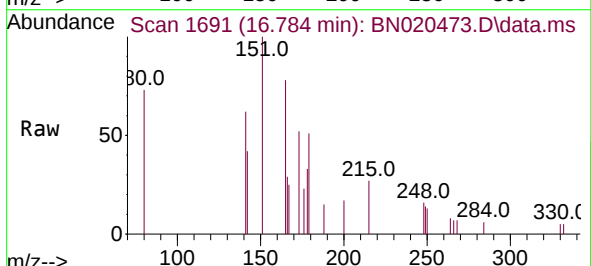
Tgt Ion:266 Resp: 14

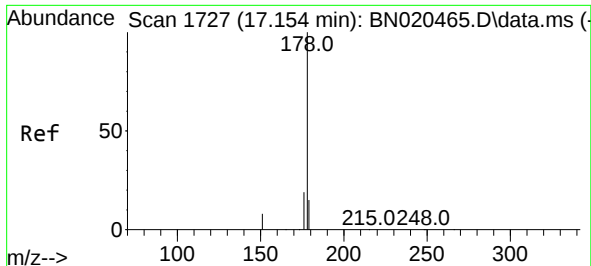
Ion Ratio Lower Upper

266 100

264 235.7 51.3 76.9#

268 57.1 52.6 79.0

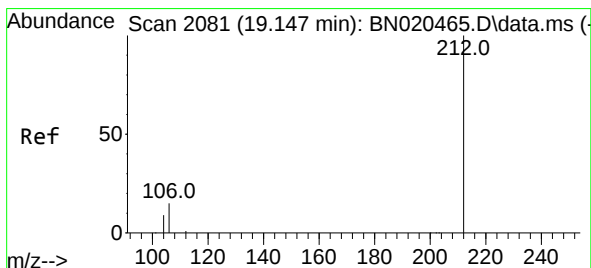
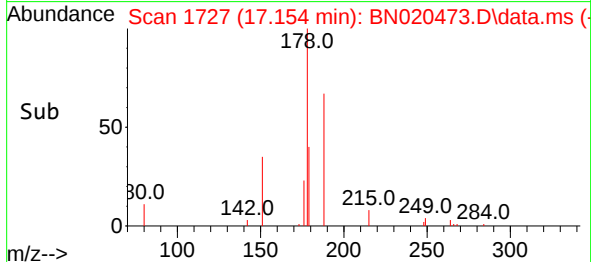
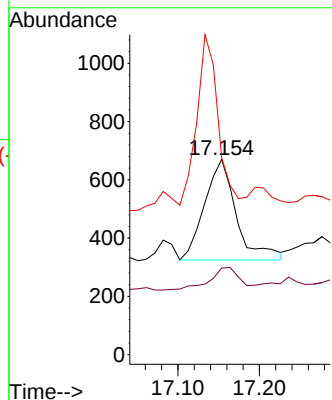
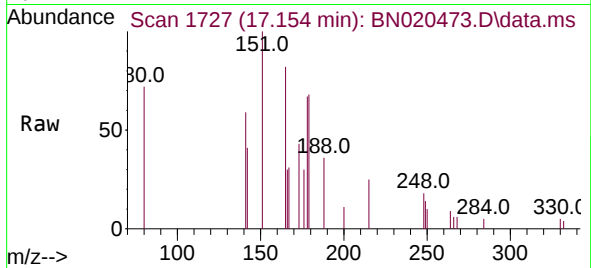




#25
Phenanthrene
Concen: 0.024 ng
RT: 17.154 min Scan# 1727
Delta R.T. -0.000 min
Lab File: BN020473.D
Acq: 26 Jun 2022 20:05

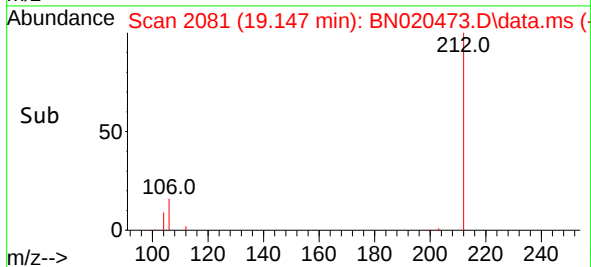
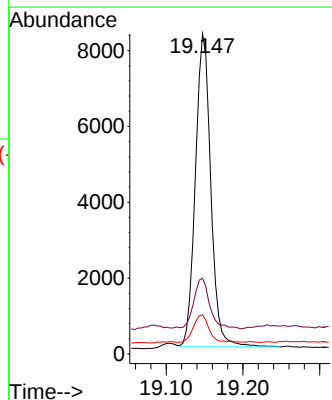
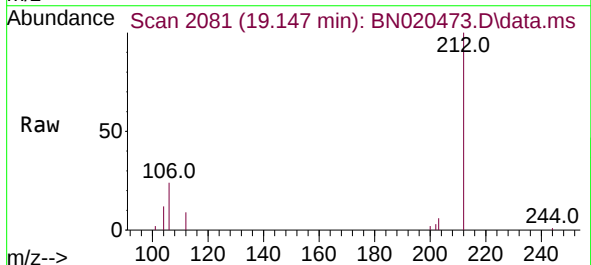
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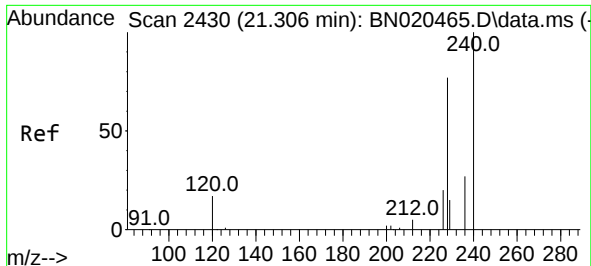
Tgt Ion:178 Resp: 931
Ion Ratio Lower Upper
178 100
176 21.3 15.3 22.9
179 0.0 12.2 18.4#



#27
Fluoranthene-d10
Concen: 0.335 ng
RT: 19.147 min Scan# 2081
Delta R.T. -0.000 min
Lab File: BN020473.D
Acq: 26 Jun 2022 20:05

Tgt Ion:212 Resp: 11531
Ion Ratio Lower Upper
212 100
106 16.8 12.6 19.0
104 9.0 7.2 10.8

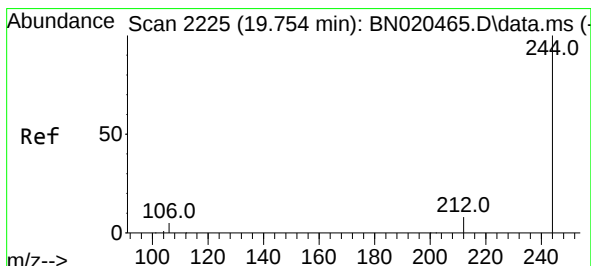
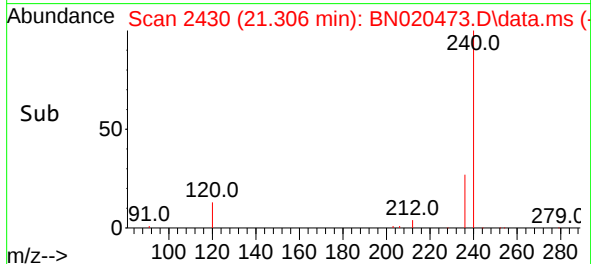
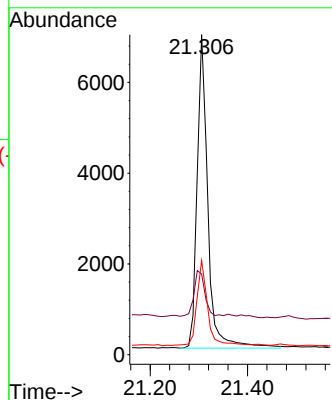
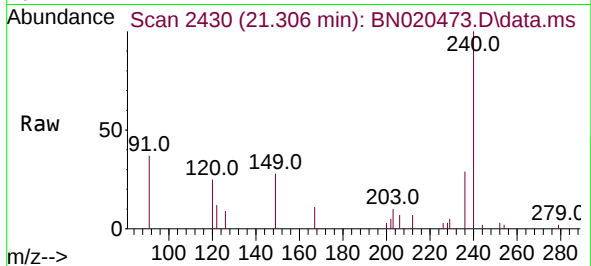




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.306 min Scan# 2430
Delta R.T. -0.000 min
Lab File: BN020473.D
Acq: 26 Jun 2022 20:05

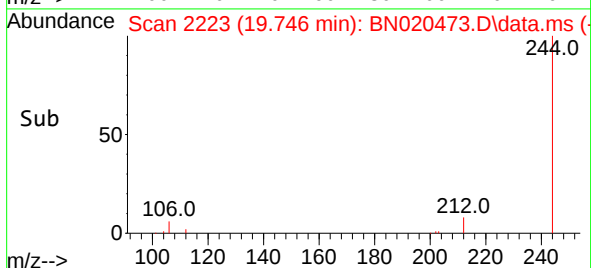
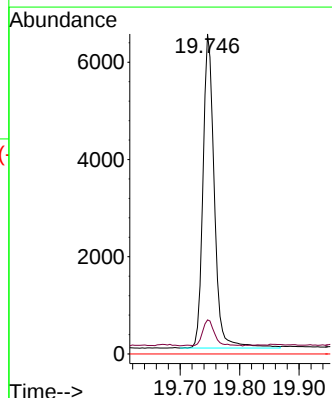
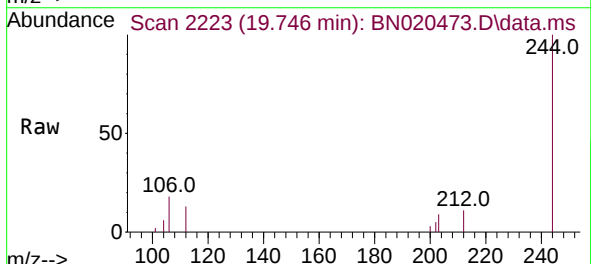
Instrument :
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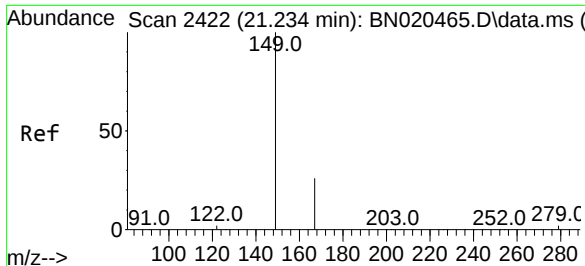
Tgt Ion:240 Resp: 10533
Ion Ratio Lower Upper
240 100
120 25.2 14.6 21.8#
236 29.4 22.6 33.8



#31
Terphenyl-d14
Concen: 0.340 ng
RT: 19.746 min Scan# 2223
Delta R.T. -0.008 min
Lab File: BN020473.D
Acq: 26 Jun 2022 20:05

Tgt Ion:244 Resp: 8563
Ion Ratio Lower Upper
244 100
212 10.7 7.1 10.7#
122 0.0 0.0 0.0

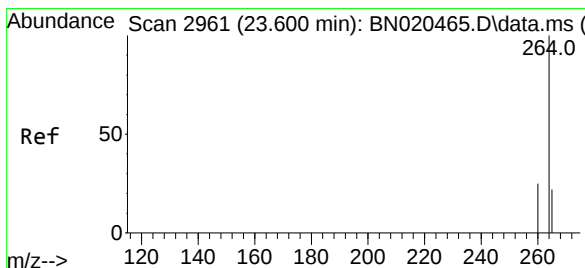
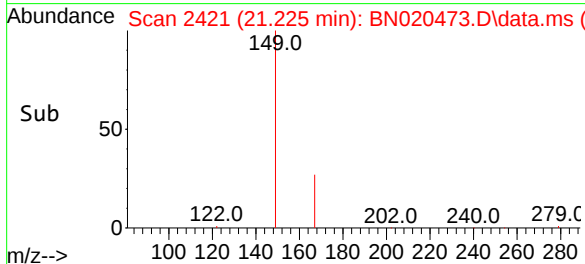
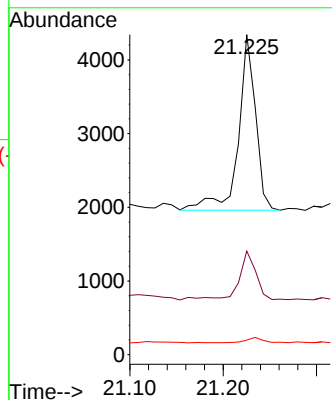
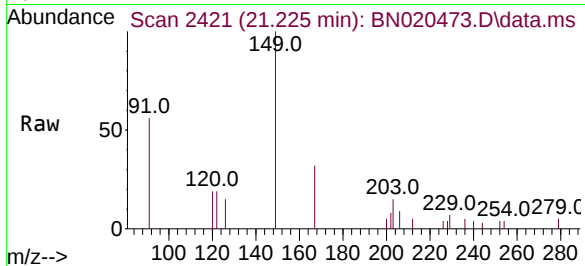




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.145 ng
RT: 21.225 min Scan# 2422
Delta R.T. -0.009 min
Lab File: BN020473.D
Acq: 26 Jun 2022 20:05

Instrument :
BNA_N
ClientSampleId :
SP-303-20220616

Tgt Ion:149 Resp: 3067
Ion Ratio Lower Upper
149 100
167 28.3 21.7 32.5
279 2.8 2.2 3.2



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.589 min Scan# 2957
Delta R.T. -0.012 min
Lab File: BN020473.D
Acq: 26 Jun 2022 20:05

Tgt Ion:264 Resp: 9416
Ion Ratio Lower Upper
264 100
260 26.3 20.9 31.3
265 37.9 28.0 42.0

