

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050521\
 Data File : BF123842.D
 Acq On : 5 May 2021 22:54
 Operator : JU/CG
 Sample : M2266-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CRT-016

Manual Integrations
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Quant Time: May 06 00:52:18 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 05 13:09:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	255224	20.00	ng	0.00
21) Naphthalene-d8	8.081	136	967624	20.00	ng	0.00
39) Acenaphthene-d10	9.834	164	431457	20.00	ng	0.00
64) Phenanthrene-d10	11.322	188	693707	20.00	ng	0.00
76) Chrysene-d12	13.969	240	467916	20.00	ng	0.00
86) Perylene-d12	15.427	264	336200	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1368167	84.93	ng	0.00
7) Phenol-d6	6.434	99	1755451	79.10	ng	0.00
23) Nitrobenzene-d5	7.357	82	1206927	56.31	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	378161	70.41	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1813826	61.22	ng	0.00
79) Terphenyl-d14	12.916	244	1390435	57.22	ng	0.00
Target Compounds						
						Qvalue
50) Dimethylphthalate	9.551	163	102507	3.37	ng	99
75) Fluoranthene	12.533	202	118461	2.99	ng	98
78) Pyrene	12.769	202	108351	2.98	ng	95
88) Benzo(b)fluoranthene	15.004	252	58960m	2.60	ng	

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

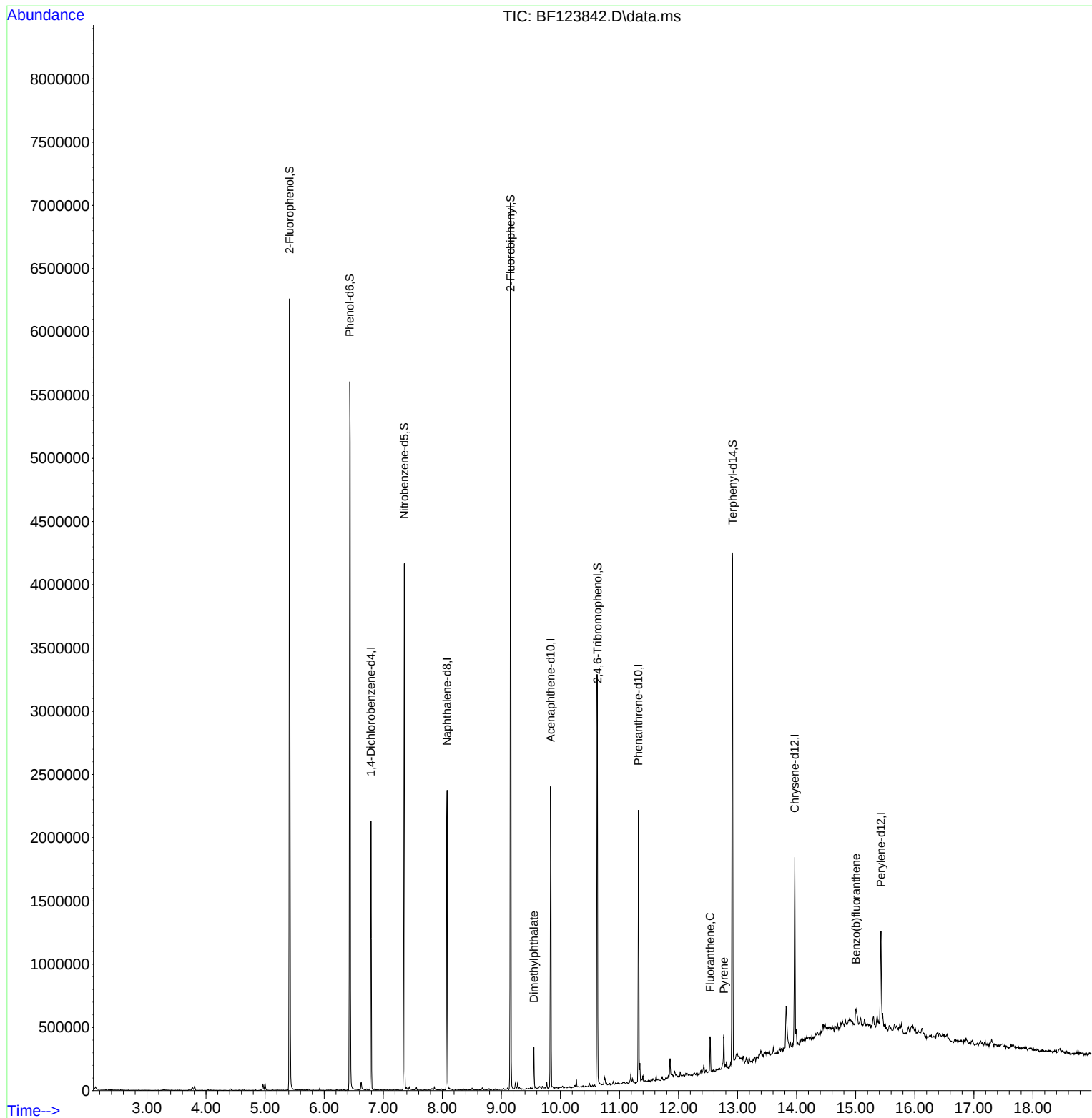
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050521\
Data File : BF123842.D
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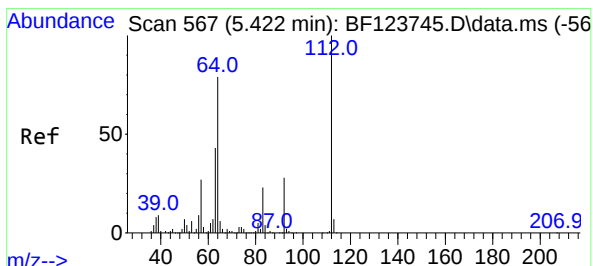
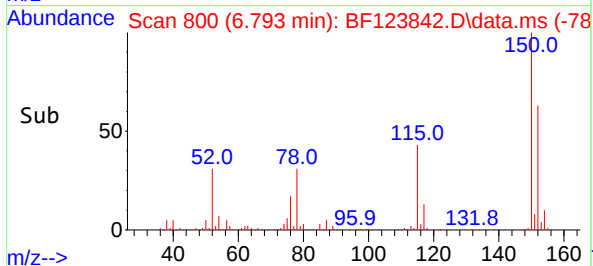
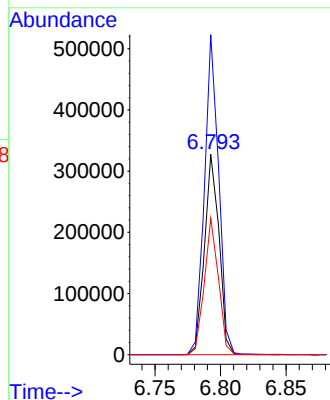
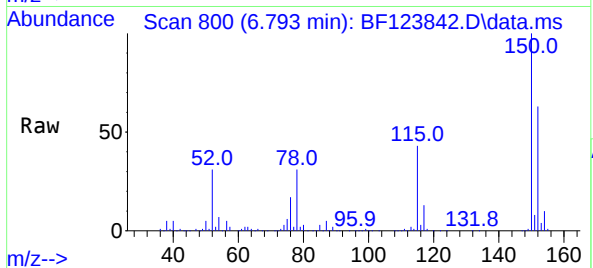
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.793 min Scan# 800
Delta R.T. -0.005 min
Lab File: BF123842.D
Acq: 5 May 2021 22:54

Tgt Ion:152 Resp: 255224
Ion Ratio Lower Upper
152 100
150 159.7 127.0 190.6
115 68.1 54.3 81.5

Instrument :
BNA_F
ClientSampled :
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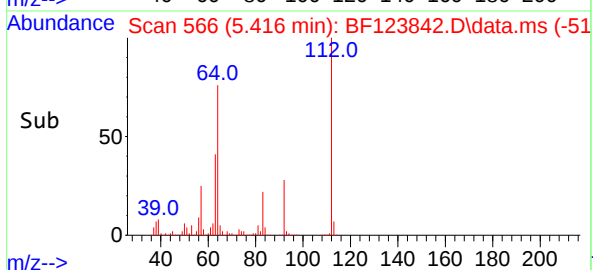
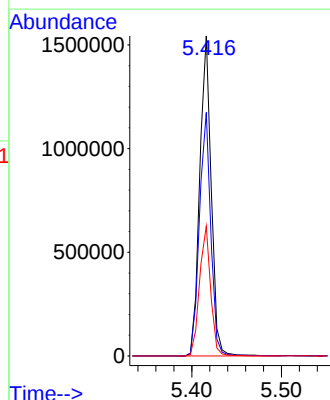
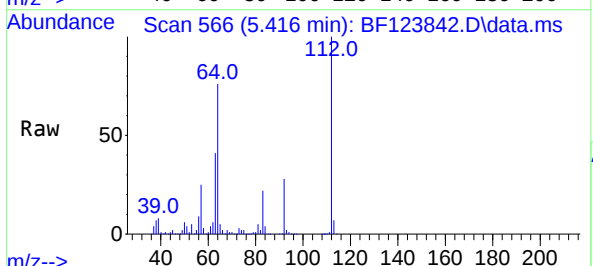
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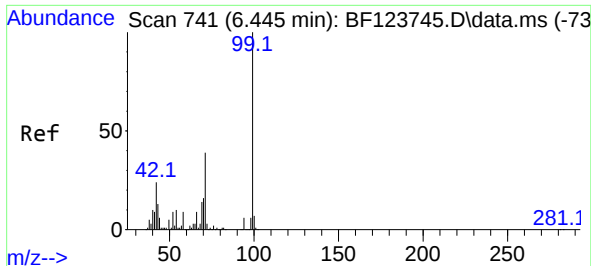
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#5
2-Fluorophenol
Concen: 84.93 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.006 min
Lab File: BF123842.D
Acq: 5 May 2021 22:54

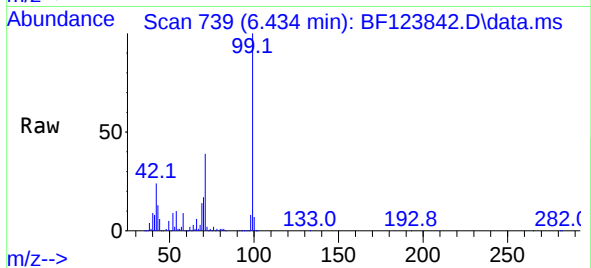
Tgt Ion:112 Resp: 1368167
Ion Ratio Lower Upper
112 100
64 76.1 61.4 92.0
63 40.6 33.0 49.4





#7
Phenol-d6
Concen: 79.10 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF123842.D
Acq: 5 May 2021 22:54

Instrument :
BNA_F
ClientSampleId :
CRT-016

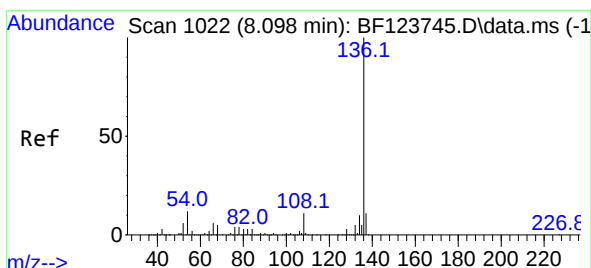
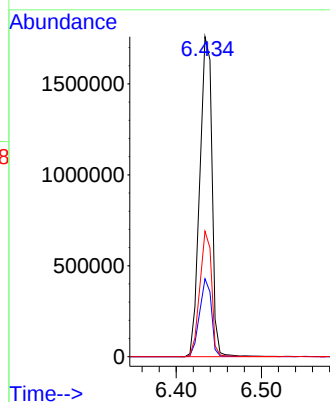
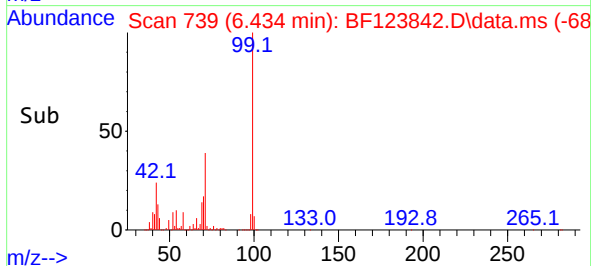


Tgt Ion: 99 Resp: 1755451

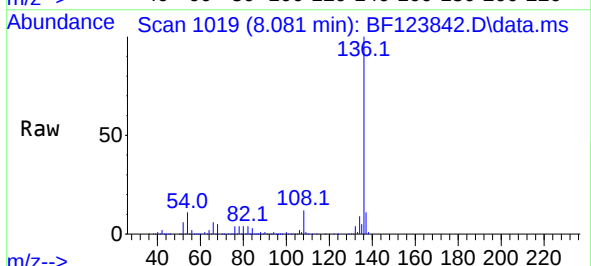
Ion	Ratio	Lower	Upper
99	100		
42	24.3	19.8	29.8
71	39.2	31.1	46.7

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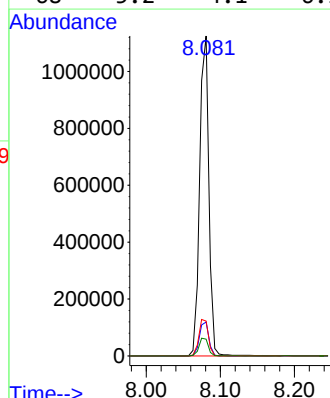
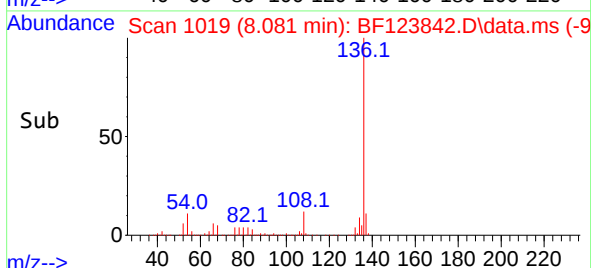


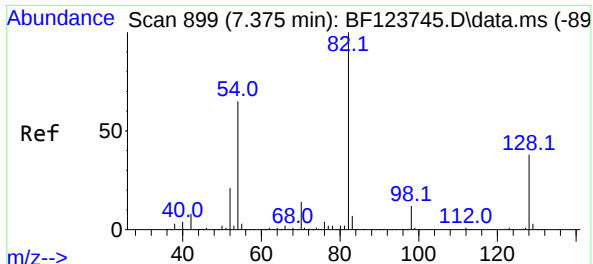
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF123842.D
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Tgt Ion: 136 Resp: 967624

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	10.9	9.8	14.6
68	5.2	4.1	6.1





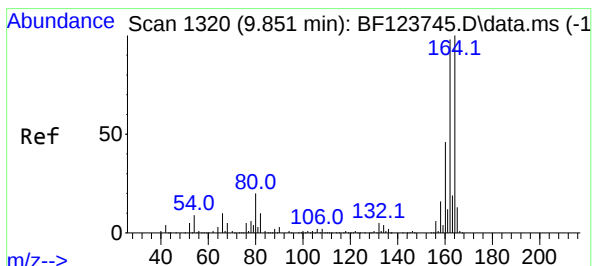
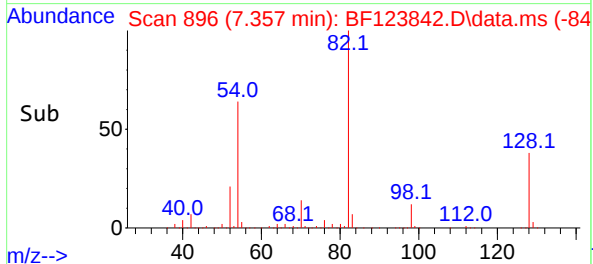
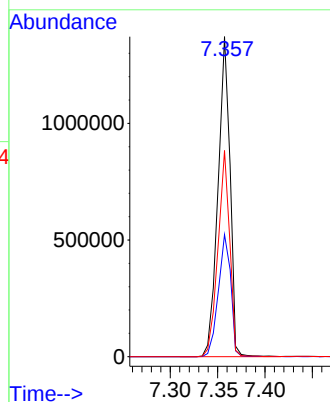
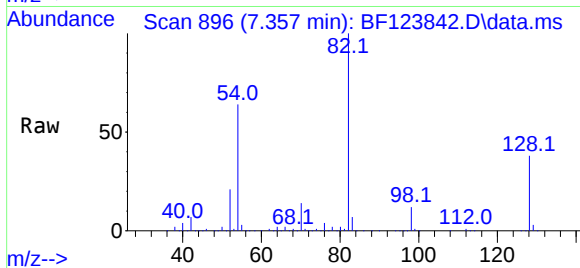
#23
Nitrobenzene-d5
Concen: 56.31 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF123842.D
Acq: 5 May 2021 22:54

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 82 Resp: 1206927
Ion Ratio Lower Upper
82 100
128 38.1 29.4 44.2
54 64.4 54.1 81.1

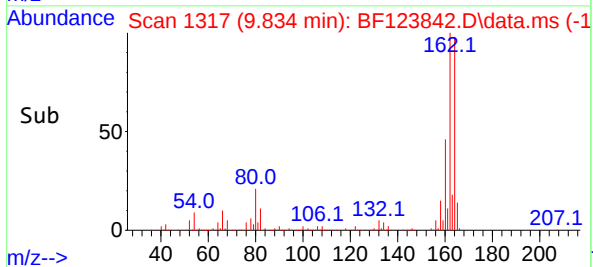
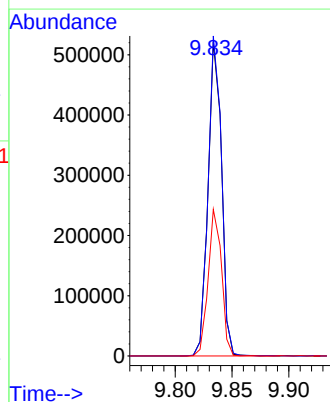
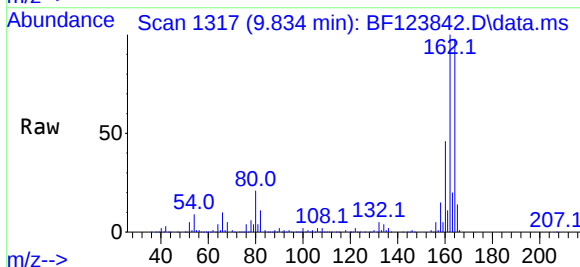
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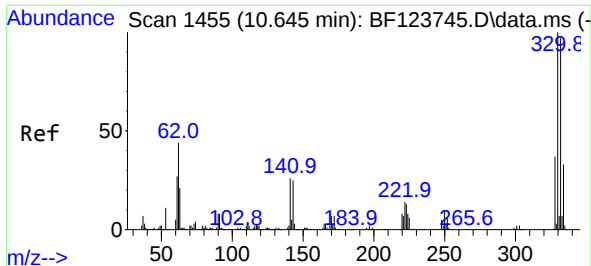
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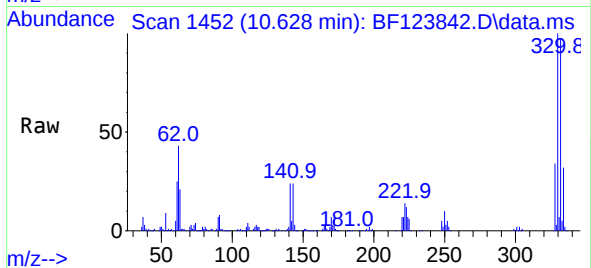
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.834 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF123842.D
Acq: 5 May 2021 22:54

Tgt Ion:164 Resp: 431457
Ion Ratio Lower Upper
164 100
162 102.0 80.7 121.1
160 46.7 37.3 55.9

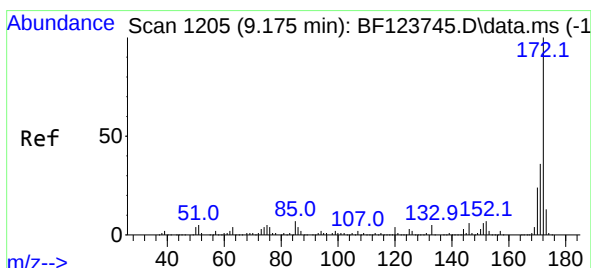
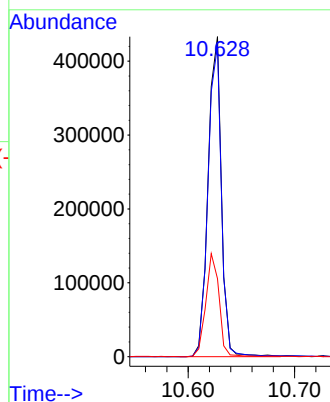
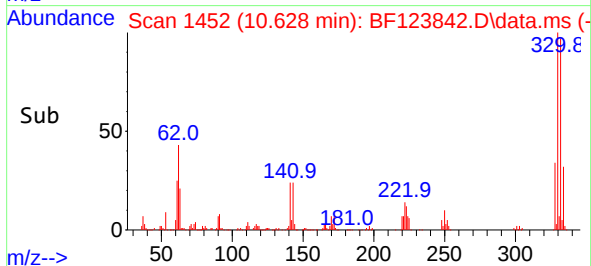




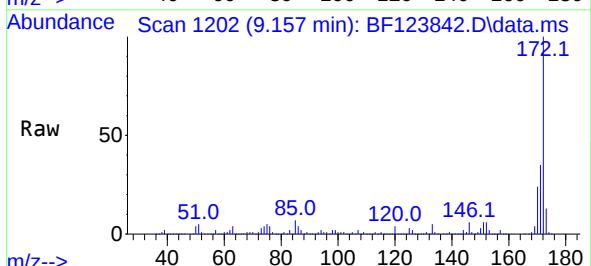
#42
2,4,6-Tribromophenol
Concen: 70.41 ng
RT: 10.628 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF123842.D
Acq: 5 May 2021 22:54



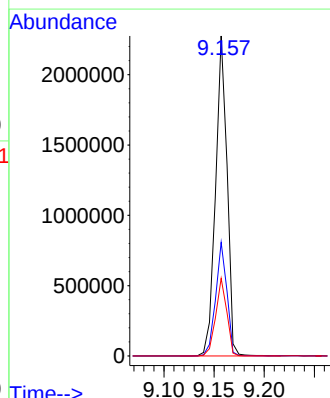
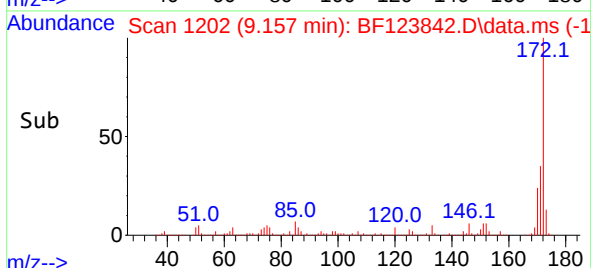
Tgt Ion: 330 Resp: 378161
Ion Ratio Lower Upper
330 100
332 98.5 77.1 115.7
141 32.2 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 61.22 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF123842.D
Acq: 5 May 2021 22:54



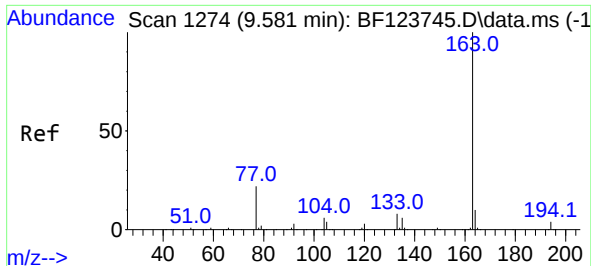
Tgt Ion: 172 Resp: 1813826
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 24.2 19.2 28.8



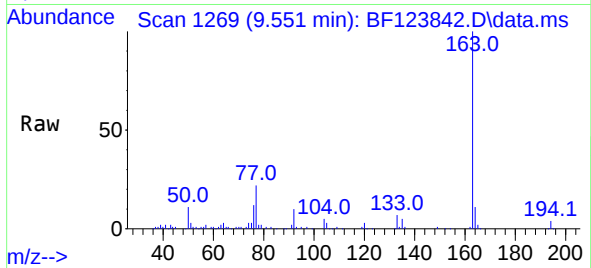
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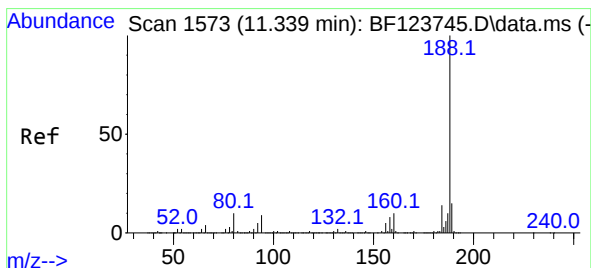
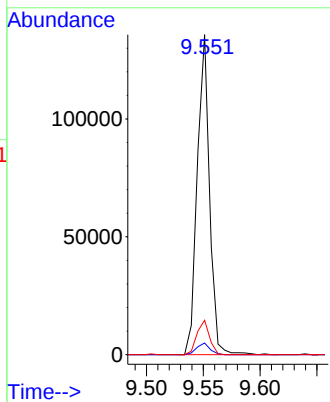
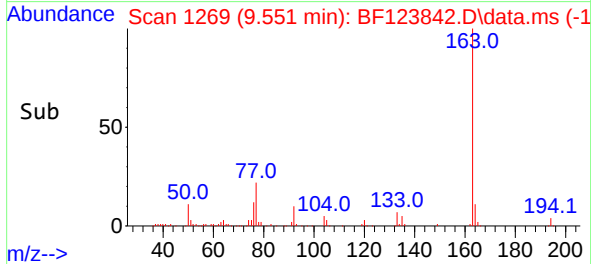
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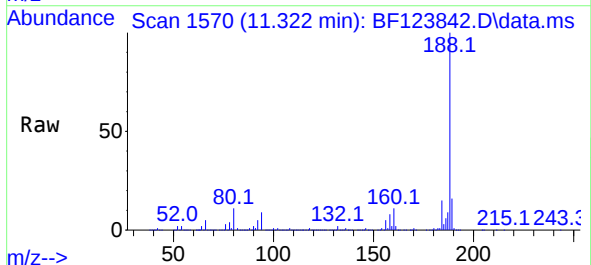
#50
Dimethylphthalate
Concen: 3.37 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF123842.D
Acq: 5 May 2021 22:54



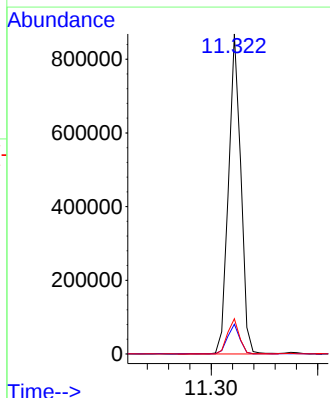
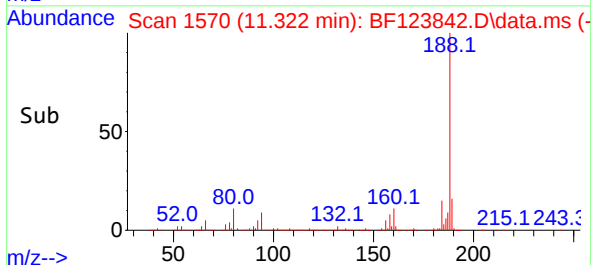
Tgt Ion:163 Resp: 102507
Ion Ratio Lower Upper
163 100
194 3.6 3.1 4.7
164 10.8 8.2 12.2



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.322 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF123842.D
Acq: 5 May 2021 22:54



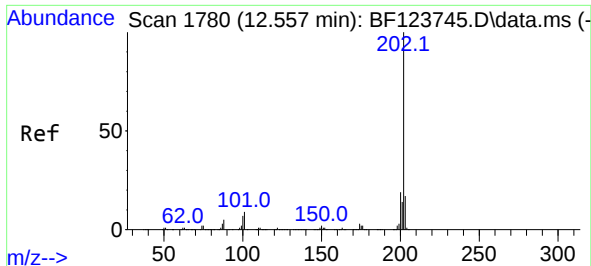
Tgt Ion:188 Resp: 693707
Ion Ratio Lower Upper
188 100
94 9.3 6.9 10.3
80 11.0 8.2 12.2



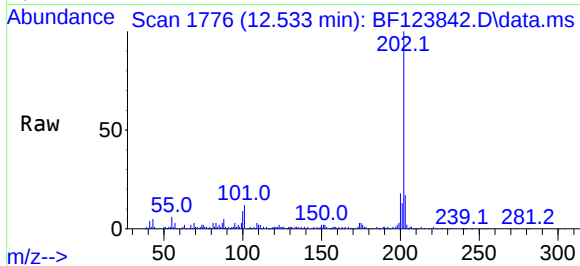
Instrument :
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ClientSampleId :
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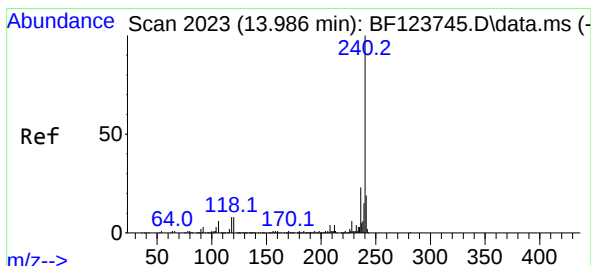
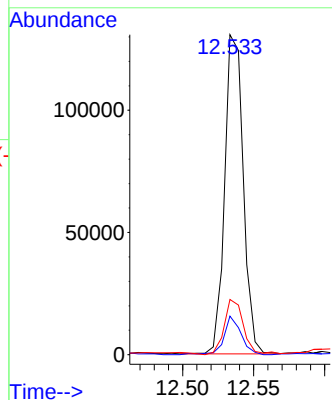
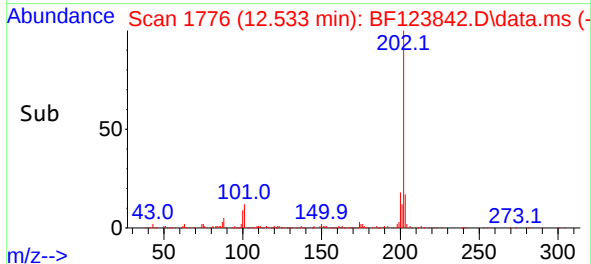
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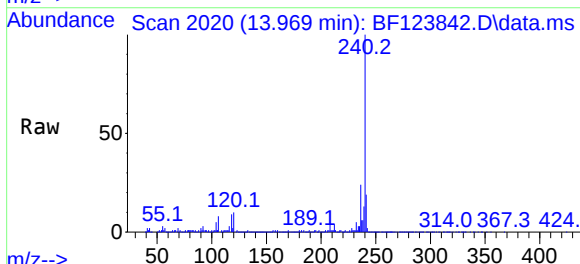
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Fluoranthene
Concen: 2.99 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.012 min
Lab File: BF123842.D
Acq: 5 May 2021 22:54



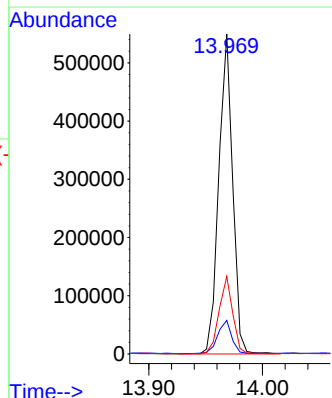
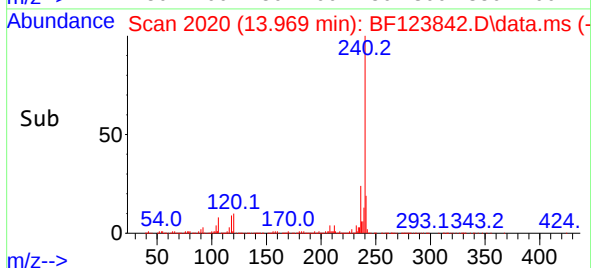
Tgt Ion:202 Resp: 118461
Ion Ratio Lower Upper
202 100
101 12.0 0.0 30.9
203 17.2 0.0 37.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.969 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF123842.D
Acq: 5 May 2021 22:54



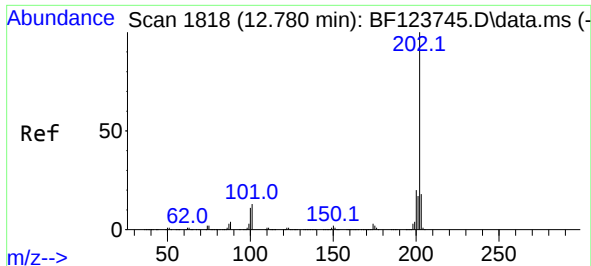
Tgt Ion:240 Resp: 467916
Ion Ratio Lower Upper
240 100
120 10.5 7.2 10.8
236 24.2 19.0 28.4



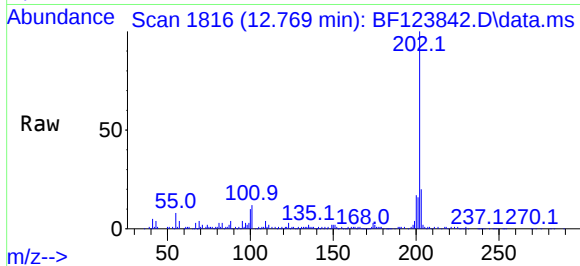
Instrument :
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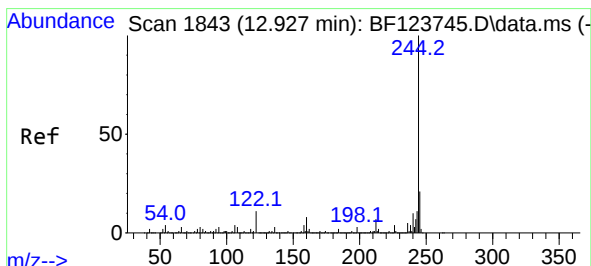
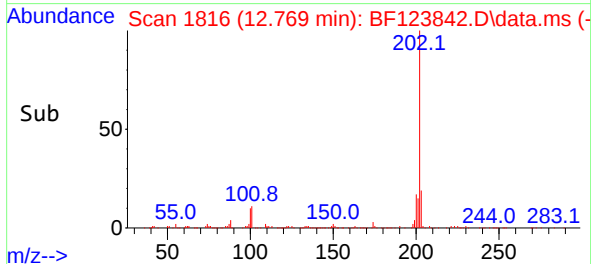
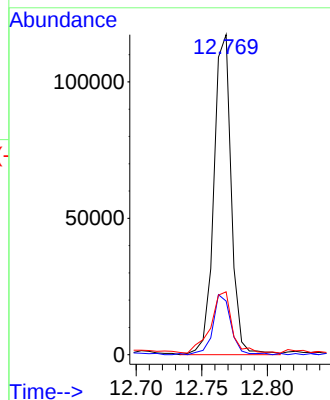
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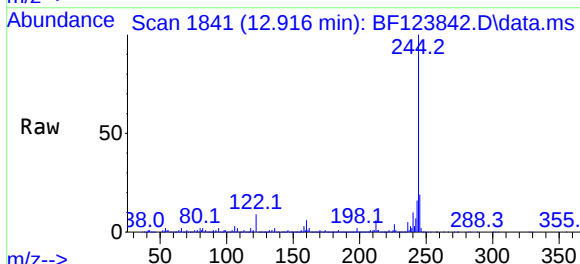
#78
Pyrene
Concen: 2.98 ng
RT: 12.769 min Scan# 1816
Delta R.T. -0.006 min
Lab File: BF123842.D
Acq: 5 May 2021 22:54



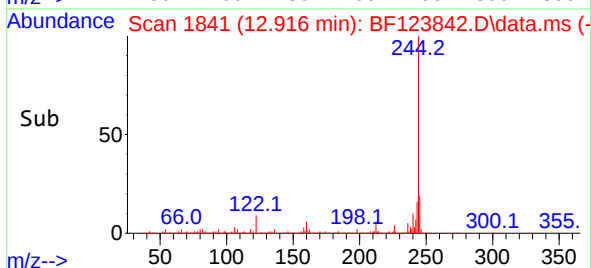
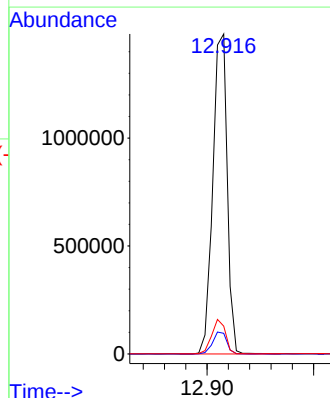
Tgt Ion:202 Resp: 108351
Ion Ratio Lower Upper
202 100
200 16.8 16.1 24.1
203 19.7 14.8 22.2



#79
Terphenyl-d14
Concen: 57.22 ng
RT: 12.916 min Scan# 1841
Delta R.T. 0.000 min
Lab File: BF123842.D
Acq: 5 May 2021 22:54



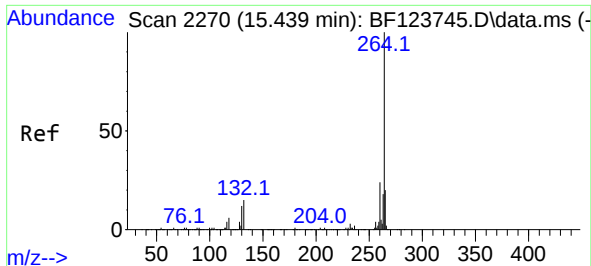
Tgt Ion:244 Resp: 1390435
Ion Ratio Lower Upper
244 100
212 6.5 5.7 8.5
122 8.7 9.7 14.5#



Instrument :
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ClientSampleId :
CRT-016

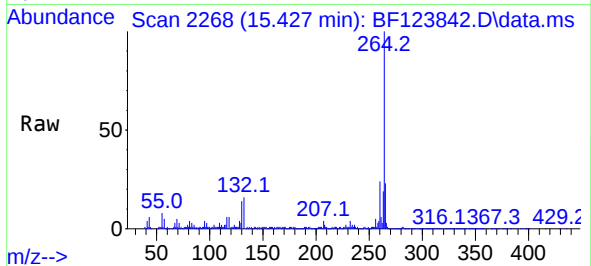
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.427 min Scan# 2268
Delta R.T. 0.000 min
Lab File: BF123842.D
Acq: 5 May 2021 22:54

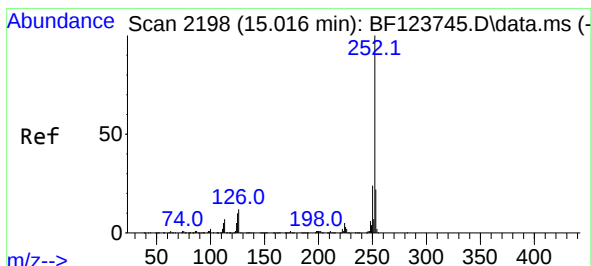
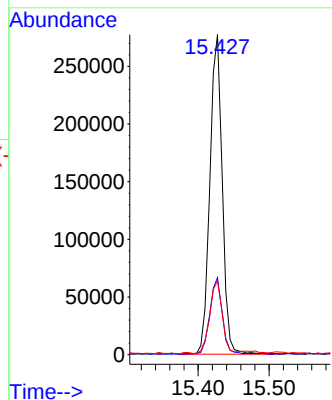
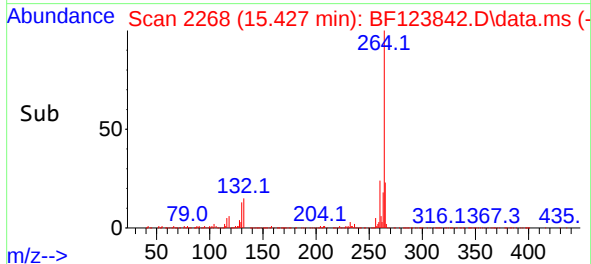
Instrument :
BNA_F
ClientSampled :
CRT-016



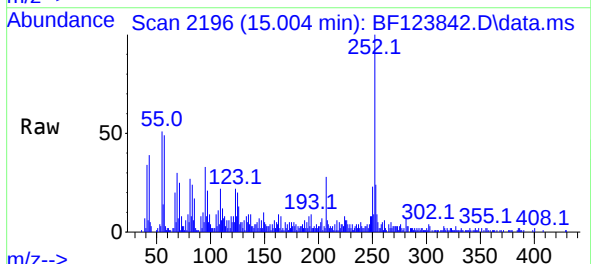
Tgt Ion:264 Resp: 336200
Ion Ratio Lower Upper
264 100
260 24.0 18.7 28.1
265 23.1 17.8 26.8

Manual Integrations
APPROVED

mohammad
5/6/2021 4:51:21 PM



#88
Benzo(b)fluoranthene
Concen: 2.60 ng m
RT: 15.004 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BF123842.D
Acq: 5 May 2021 22:54



Tgt Ion:252 Resp: 58960
Ion Ratio Lower Upper
252 100
253 24.2 18.1 27.1
125 19.6 6.2 9.4#

