

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030722\
 Data File : BF127216.D
 Acq On : 07 Mar 2022 11:20
 Operator : CG\JU
 Sample : PB143066BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143066BL

Quant Time: Mar 07 14:57:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 02:16:58 2022
 Response via : Initial Calibration

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

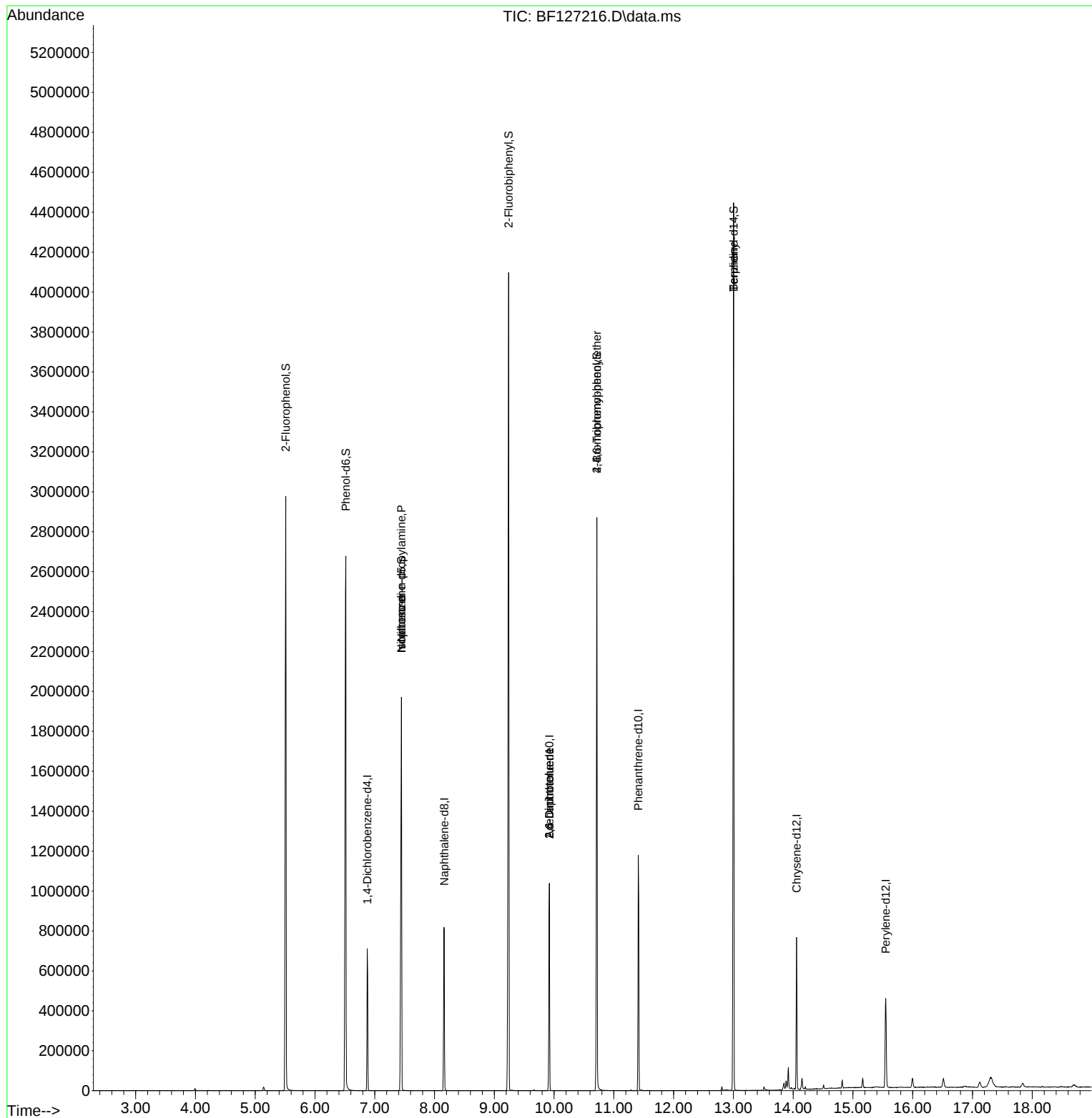
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	94237	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	387946	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	207480	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	404020	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	235777	20.000	ng	# 0.00
86) Perylene-d12	15.551	264	181795	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	776692	127.385	ng	0.01
7) Phenol-d6	6.516	99	1034496	125.739	ng	0.00
23) Nitrobenzene-d5	7.445	82	703280	81.826	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	341677	143.030	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1219757	86.547	ng	0.00
79) Terphenyl-d14	13.004	244	1507039	93.962	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.445	70	97409	18.374	ng	# 78
25) Isophorone	7.445	82	701053	49.293	ng	# 69
51) 2,6-Dinitrotoluene	9.922	165	25844	8.565	ng	# 22
57) 2,4-Dinitrotoluene	9.922	165	25844	6.335	ng	# 16
67) 4-Bromophenyl-phenylether	10.716	248	19904	4.409	ng	# 1
77) Benzidine	13.004	184	21011	3.279	ng	# 96

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

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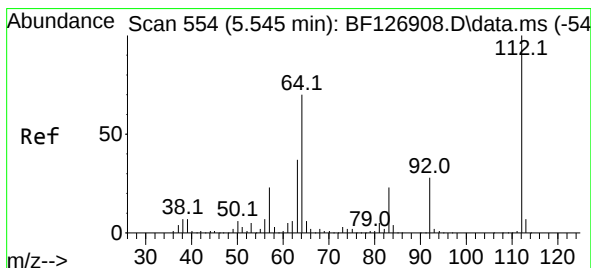
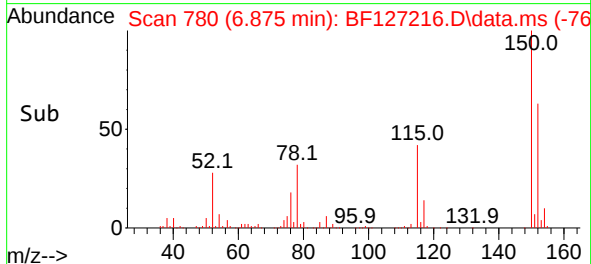
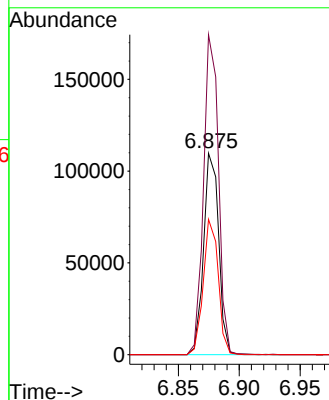
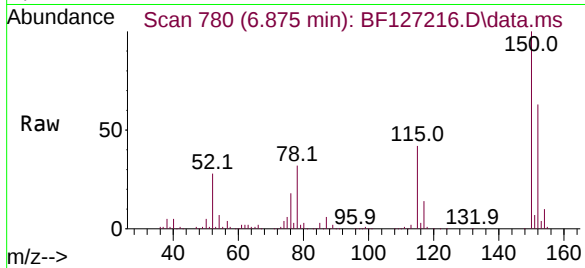




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127216.D
Acq: 07 Mar 2022 11:20

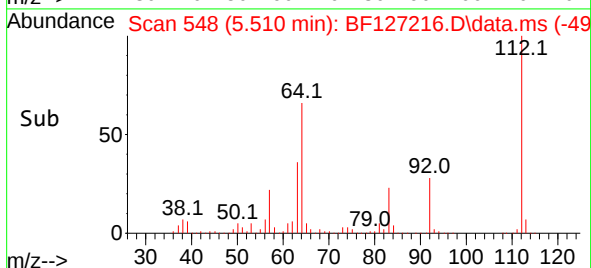
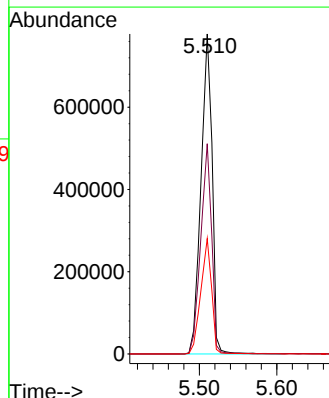
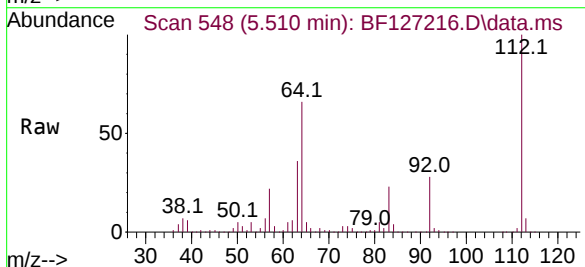
Instrument :
BNA_F
ClientSampleId :
PB143066BL

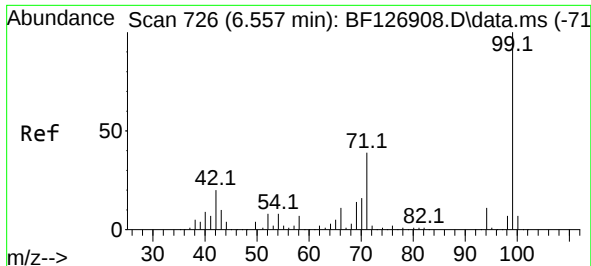
Tgt Ion:152 Resp: 94237
Ion Ratio Lower Upper
152 100
150 158.8 128.1 192.1
115 67.1 56.7 85.1



#5
2-Fluorophenol
Concen: 127.385 ng
RT: 5.510 min Scan# 548
Delta R.T. 0.012 min
Lab File: BF127216.D
Acq: 07 Mar 2022 11:20

Tgt Ion:112 Resp: 776692
Ion Ratio Lower Upper
112 100
64 65.7 49.5 74.3
63 36.1 23.9 35.9#

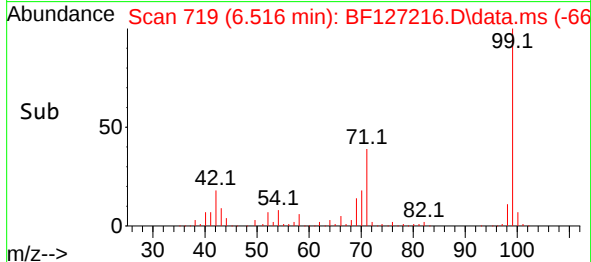
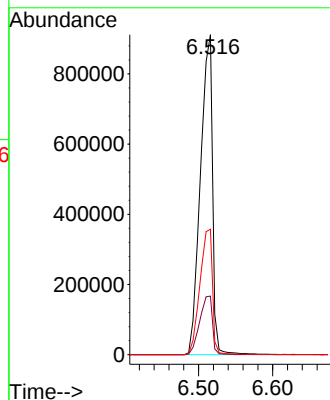
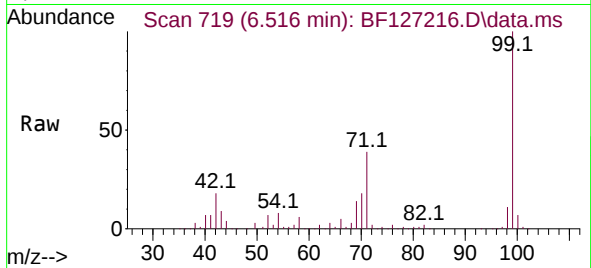




#7
Phenol-d6
Concen: 125.739 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127216.D
Acq: 07 Mar 2022 11:20

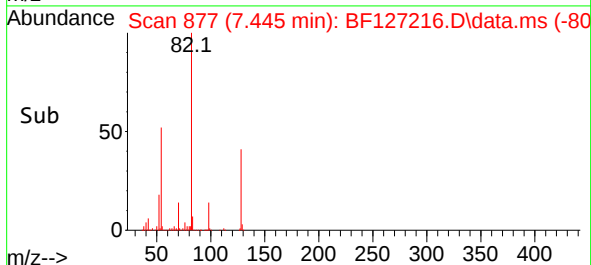
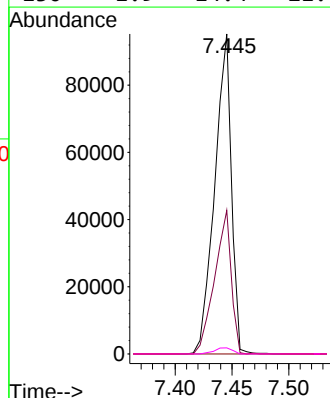
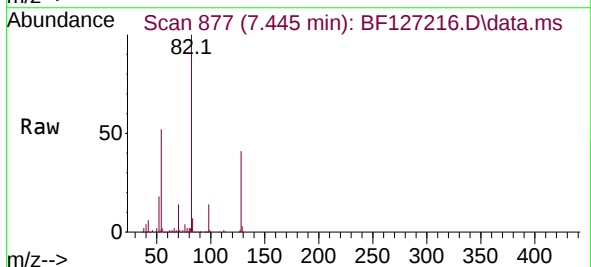
Instrument :
BNA_F
ClientSampleId :
PB143066BL

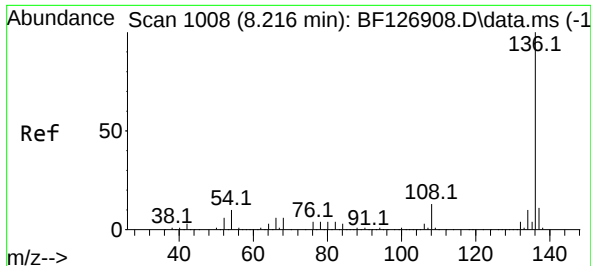
Tgt Ion: 99 Resp: 1034496
Ion Ratio Lower Upper
99 100
42 18.3 14.2 21.4
71 39.2 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 18.374 ng
RT: 7.445 min Scan# 877
Delta R.T. 0.153 min
Lab File: BF127216.D
Acq: 07 Mar 2022 11:20

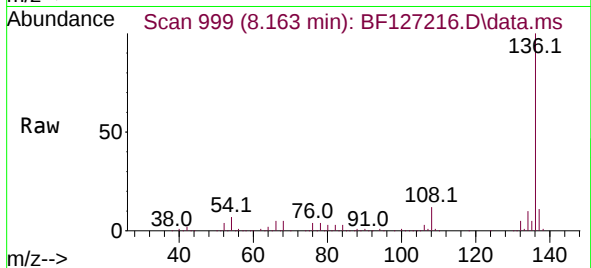
Tgt Ion: 70 Resp: 97409
Ion Ratio Lower Upper
70 100
42 44.9 45.8 68.8#
101 0.0 6.9 10.3#
130 1.9 14.4 21.6#



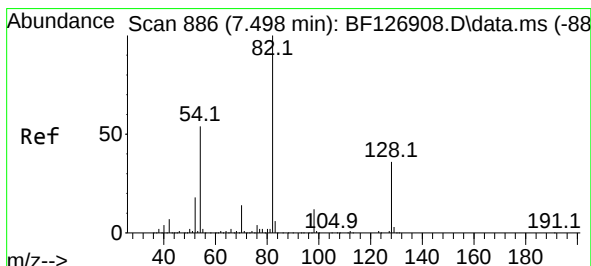
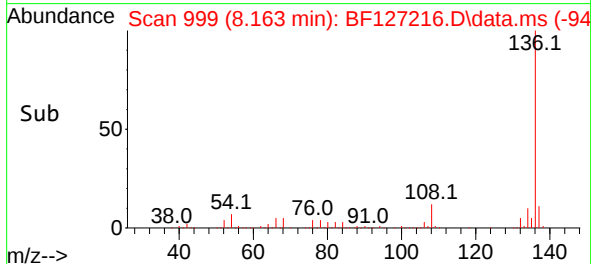
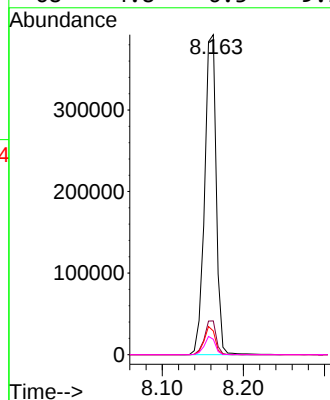


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF127216.D
Acq: 07 Mar 2022 11:20

Instrument :
BNA_F
ClientSampleId :
PB143066BL

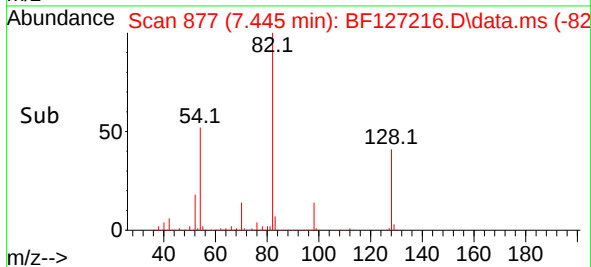
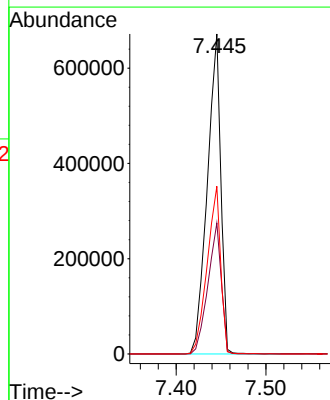
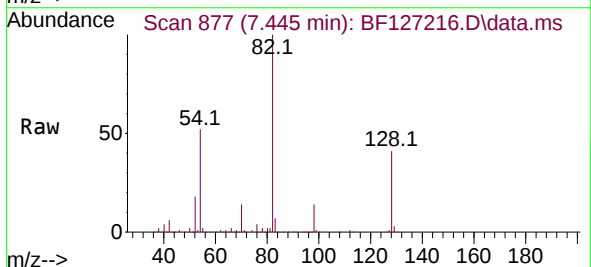


Tgt Ion:136 Resp: 387946
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 7.4 7.8 11.6#
68 4.8 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 81.826 ng
RT: 7.445 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF127216.D
Acq: 07 Mar 2022 11:20

Tgt Ion: 82 Resp: 703280
Ion Ratio Lower Upper
82 100
128 40.9 32.7 49.1
54 52.4 41.7 62.5

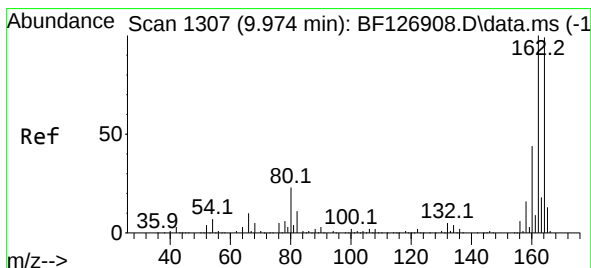
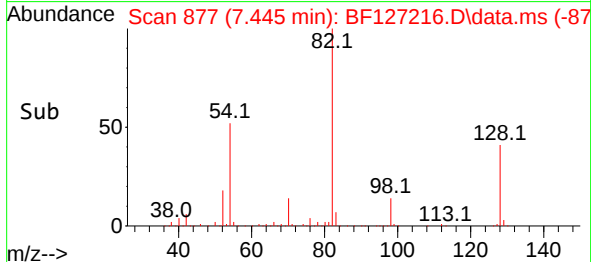
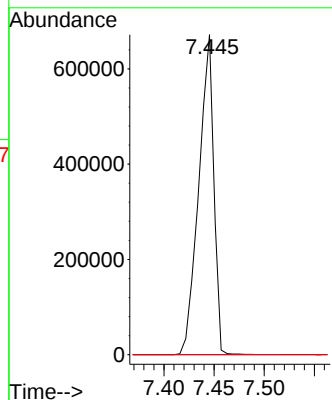
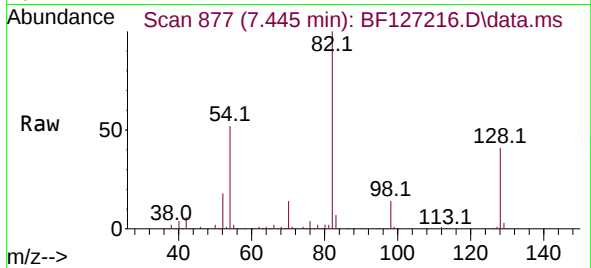




#25
Isophorone
Concen: 49.293 ng
RT: 7.445 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127216.D
Acq: 07 Mar 2022 11:20

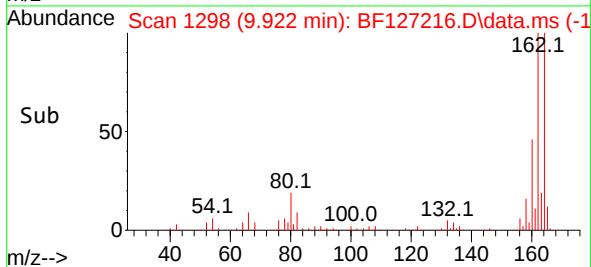
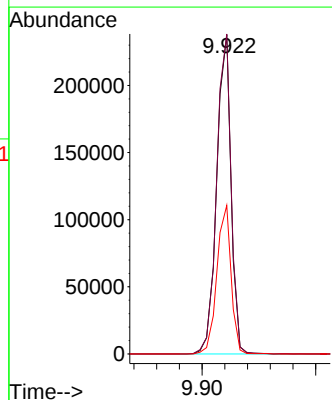
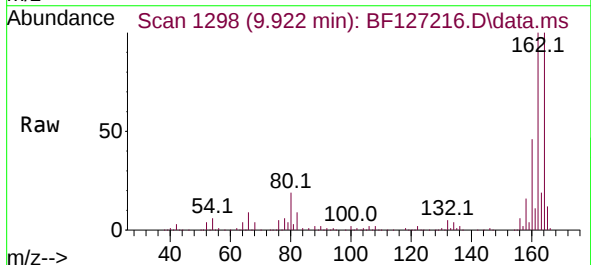
Instrument :
BNA_F
ClientSampleId :
PB143066BL

Tgt Ion: 82 Resp: 701053
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.000 min
Lab File: BF127216.D
Acq: 07 Mar 2022 11:20

Tgt Ion:164 Resp: 207480
Ion Ratio Lower Upper
164 100
162 100.2 81.4 122.0
160 46.5 36.6 54.8

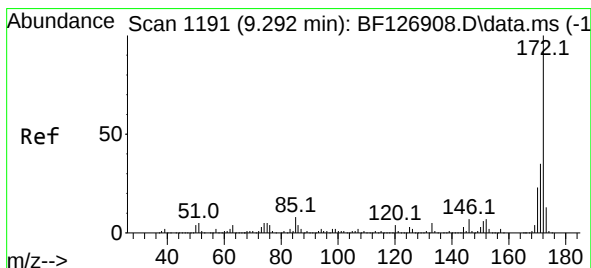
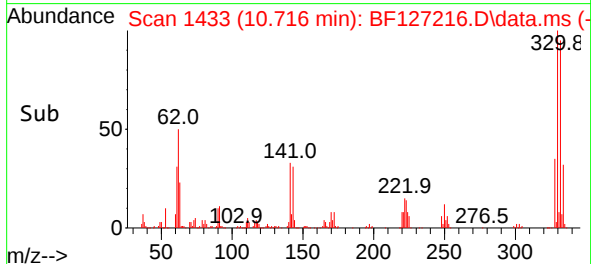
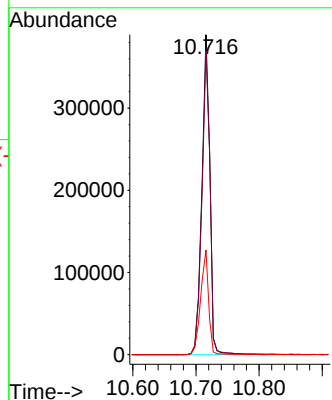
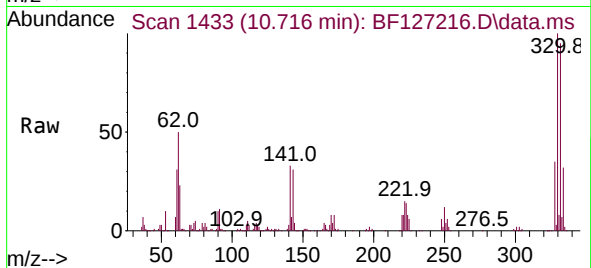




#42
2,4,6-Tribromophenol
Concen: 143.030 ng
RT: 10.716 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF127216.D
Acq: 07 Mar 2022 11:20

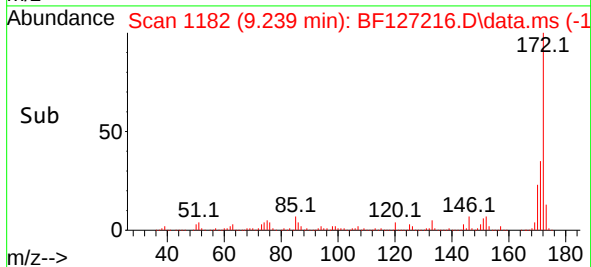
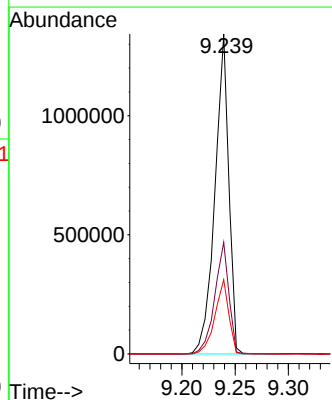
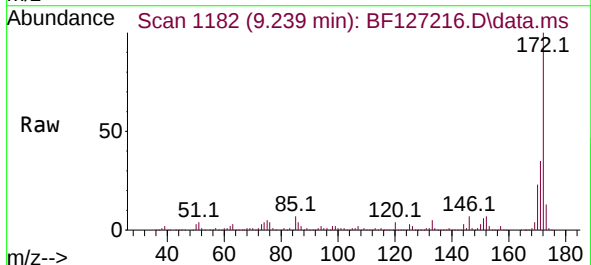
Instrument :
BNA_F
ClientSampleId :
PB143066BL

Tgt Ion:330 Resp: 341677
Ion Ratio Lower Upper
330 100
332 96.3 76.0 114.0
141 32.9 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 86.547 ng
RT: 9.239 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BF127216.D
Acq: 07 Mar 2022 11:20

Tgt Ion:172 Resp: 1219757
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 23.2 19.0 28.6

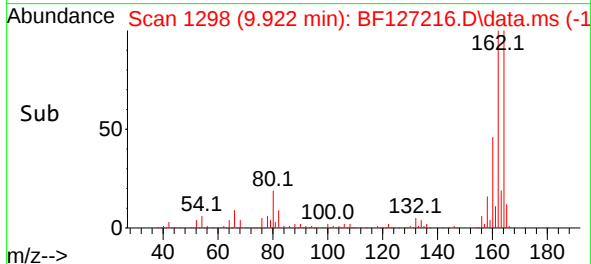
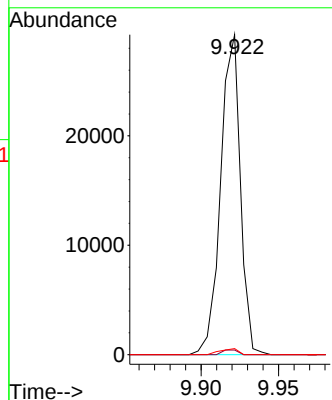
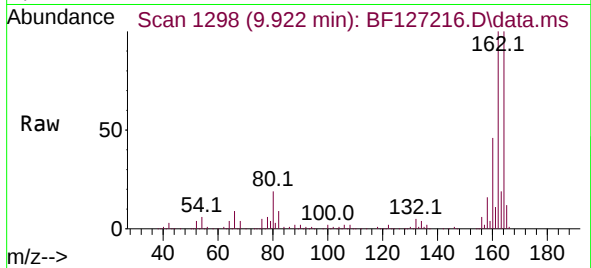




#51
2,6-Dinitrotoluene
Concen: 8.565 ng
RT: 9.922 min Scan# 1298
Delta R.T. 0.212 min
Lab File: BF127216.D
Acq: 07 Mar 2022 11:20

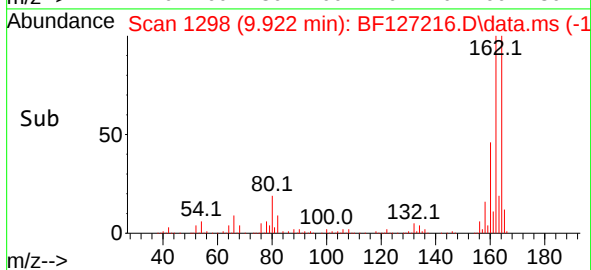
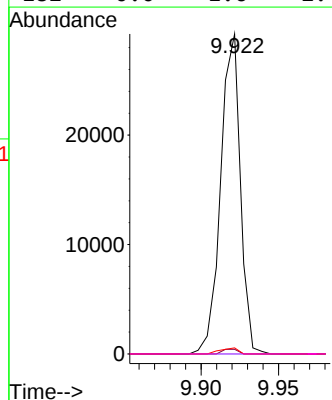
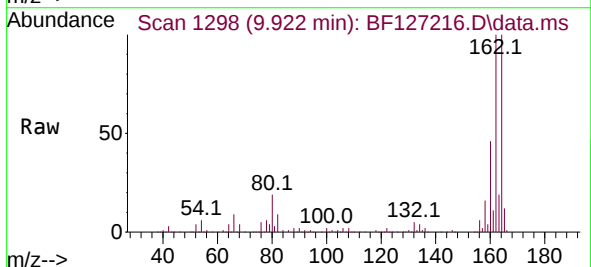
Instrument :
BNA_F
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Tgt Ion:165 Resp: 25844
Ion Ratio Lower Upper
165 100
63 1.4 48.4 72.6#
89 1.9 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.335 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.194 min
Lab File: BF127216.D
Acq: 07 Mar 2022 11:20

Tgt Ion:165 Resp: 25844
Ion Ratio Lower Upper
165 100
63 1.4 43.0 64.6#
89 1.9 71.0 106.4#
182 0.0 1.6 2.4#

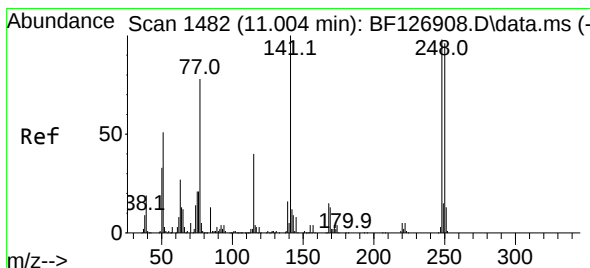
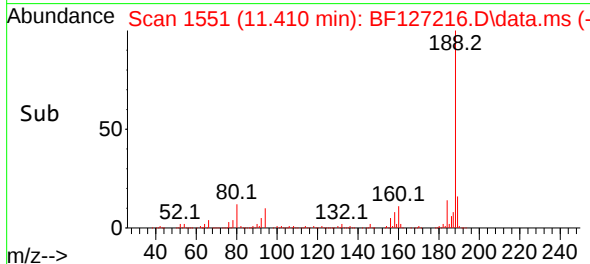
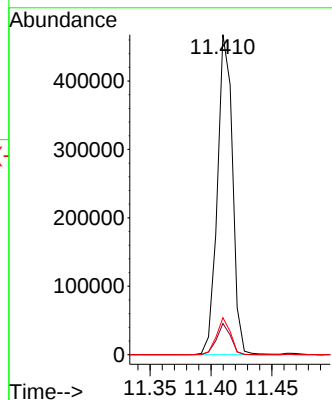
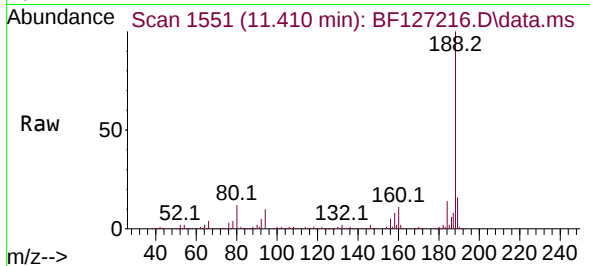




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127216.D
Acq: 07 Mar 2022 11:20

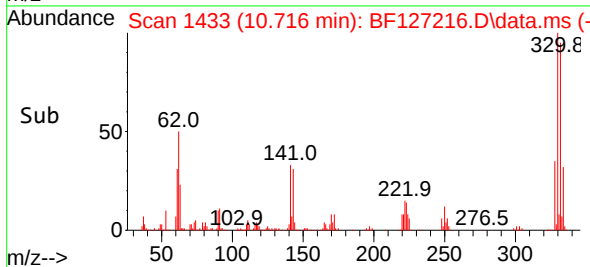
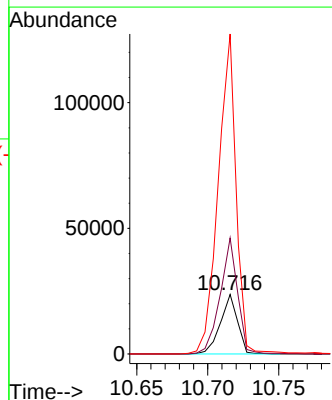
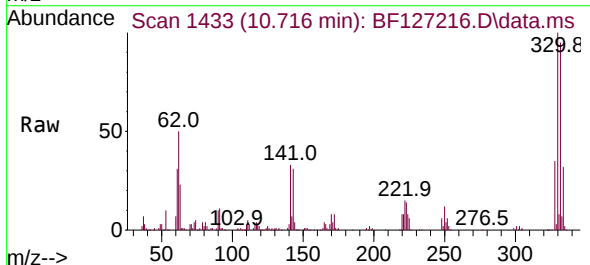
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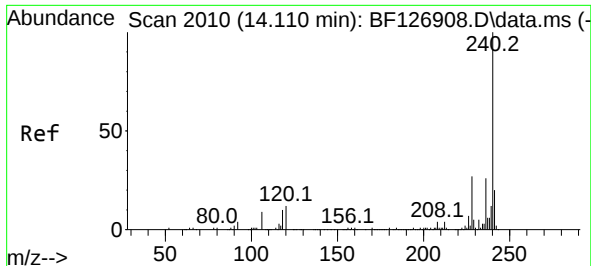
Tgt Ion:188 Resp: 404020
Ion Ratio Lower Upper
188 100
94 9.7 10.1 15.1#
80 11.5 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 4.409 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.241 min
Lab File: BF127216.D
Acq: 07 Mar 2022 11:20

Tgt Ion:248 Resp: 19904
Ion Ratio Lower Upper
248 100
250 194.9 76.2 114.4#
141 537.6 66.2 99.4#

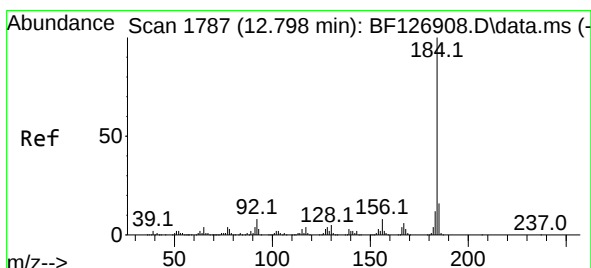
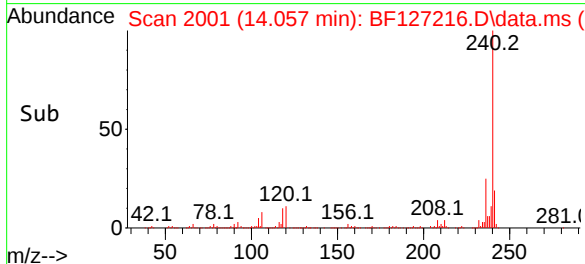
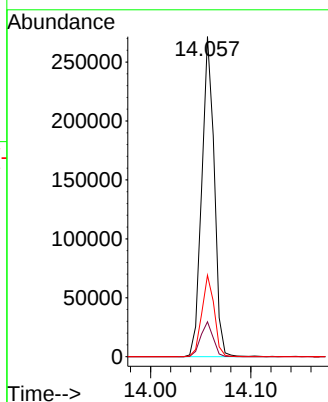
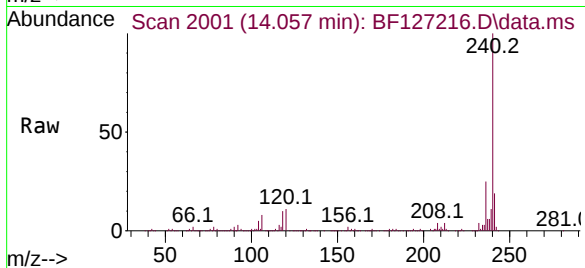




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF127216.D
Acq: 07 Mar 2022 11:20

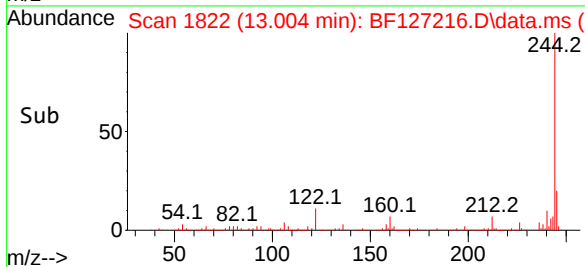
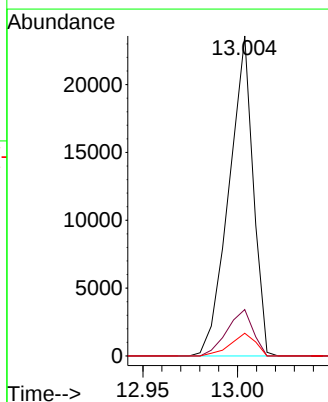
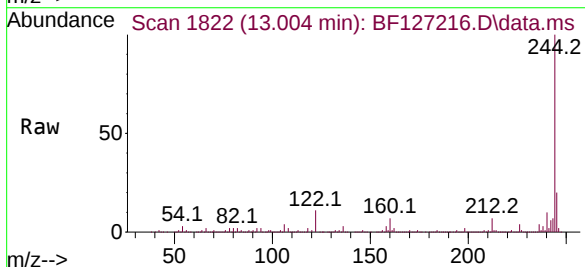
Instrument :
BNA_F
ClientSampleId :
PB143066BL

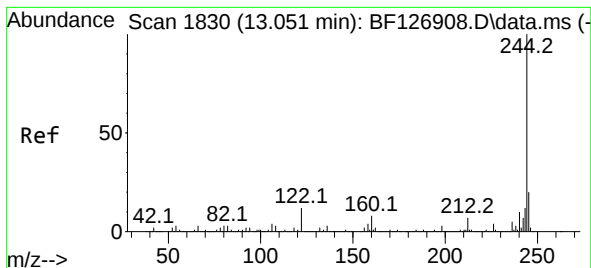
Tgt Ion:240 Resp: 235777
Ion Ratio Lower Upper
240 100
120 10.9 14.4 21.6#
236 25.5 20.5 30.7



#77
Benzidine
Concen: 3.279 ng
RT: 13.004 min Scan# 1822
Delta R.T. 0.253 min
Lab File: BF127216.D
Acq: 07 Mar 2022 11:20

Tgt Ion:184 Resp: 21011
Ion Ratio Lower Upper
184 100
185 14.5 11.8 17.8
183 7.1 8.2 12.2#





#79

Terphenyl-d14

Concen: 93.962 ng

RT: 13.004 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF127216.D

Acq: 07 Mar 2022 11:20

Instrument :

BNA_F

ClientSampleId :

PB143066BL

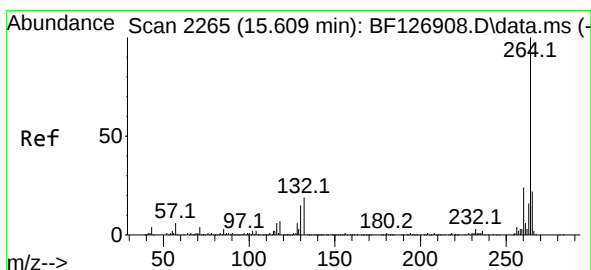
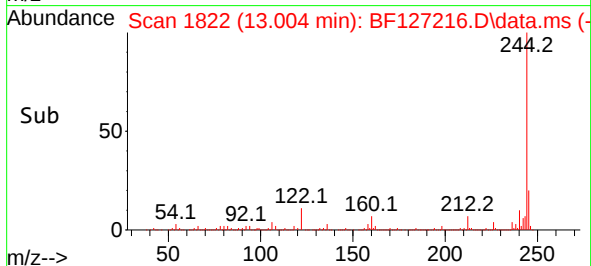
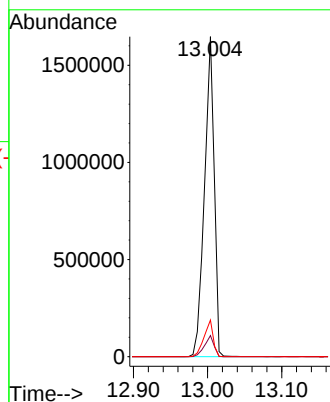
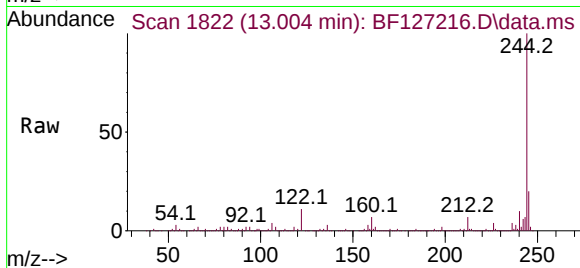
Tgt Ion:244 Resp: 1507039

Ion Ratio Lower Upper

244 100

212 6.6 5.0 7.4

122 11.4 13.3 19.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 2255

Delta R.T. 0.006 min

Lab File: BF127216.D

Acq: 07 Mar 2022 11:20

Tgt Ion:264 Resp: 181795

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 20.3 17.4 26.2

